CENTRAL UNIVERSITY OF JAMMU

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SELF STUDY REPORT

CYCLE - I

Estd. 2011

Submitted to :

NATIONAL ASSESSEMENT AND ACCREDITATION COUNCIL

(NAAC), BANGALORE

December 2016

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PART A

PROFILE OF THE UNIVERSITY

प्रो॰ अशोक ऐमा
कुलपति
Prof. Ashok Aima
Vice Chancellor

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DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Prof. Ashok Aima

बागला (राया-सूचानी), जिला सांबा–181143, जम्मू (जम्मू एवं कश्मीर)
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Statement of Compliance

(Central University of Jammu)

This is to certify that Central University of Jammu has complied with all the provisions of the following University Grants Commission (UGC) Regulations governing it:

- Minimum Qualifications for Appointment of Teachers and other Academic Staff in Universities and Colleges and Measures for the Maintenance of Standards in Higher Education 2010 and further amendments, if any, notified by the UGC.
- Degree, Regulations 2009 and further amendments, if any, notified by the UGC.
- UGC (Affiliation of Colleges by Universities) Regulations, 2012 and further amendments, if any, notified by the UGC.

Any false or misleading information provided by the institution, will be viewed seriously by NAAC and the accreditation given is liable to be withdrawn.

Prof. Ashok Aima

बागला (राया-सूचानी), जिला सांबा-181143, जम्मू (जम्मू एवं कश्मीर)
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Preface

I am glad to present the Self Study Report of the Central University of Jammu to the National Assessment Accreditation Council (NAAC) for the first cycle of assessment and accreditation. Sincere efforts have been made to incorporate the data in sequential order as per the prescribed NAAC guidelines contained in the manual of Self Study Report of Universities. Specific inputs have been recorded against the relevant points mentioned in the manual for Central Universities, wherever required, so as to project the appropriate perspective of the University.

The journey of the University, so far, has not been very long however, we have been striving hard to make substantial progress in creating physical infrastructure and expanding educational activities. The University in its endeavour has tried to provide a state of the art infrastructure, quality education, research, skill development and outreach activities. It has made substantial progress towards catering to the needs of the society and addressing the challenges of higher education at national and international level.

The Central University of Jammu came into existence on 8th of August 2011, and since this date of inception in a brief time span, strenuous efforts have been put in to evolve and grow diverse departments and schools. The University has grown from 3 departments in the year 2011 to 19 functional departments, 2 Research Centers, 1 Research Chair running at present from Temporary Academic Block situated at Sainik Colony, Jammu with the main campus situated at Bagla (Rahya-Suchani), district Samba. Despite the challenges faced by the University, it has been able to provide all basic facilities essential for promoting the teaching-learning process. For attracting students and faculty from all over the country. The University is continuously showing a visible upward trend in terms of research output, community out-reach activities, capacity building programmes for local entrepreneurs, identifying and registering the grass-root level innovators through innovation cell and University Business Incubation Centre. A brief summary of all the activities and developments has been incorporated in the Self Study Report along with the SWOC analysis in the Executive Summary.

University strives for inculcating global competencies viz-a-viz learner-centric teaching, research in emerging areas and well organised extension activities. Pedagogical interventions and application of ICT blended teaching learning as well as e-governance driven processes, are being practised. The urge for attaining excellence is guided by the vision and the very mission of the institution.

It is with a sense of pleasure that I hereby submit SSR for NAAC accreditation for the first cycle of assessment.

Prof Ashok Aima
Vice Chancellor

Executive Summary

The Central University of Jammu was established by the Central Universities Act 2009 (Act No 25 of 2009) read with the Central Universities (Amendment) Act, 2009 (Act No. 38 of 2009) w.e.f. October 20, 2009 having its territorial jurisdiction extending over Jammu division of the state of Jammu and Kashmir. However, The Central University of Jammu actually came into existance on 08th August 2011. Presently the University is offering 16 Post Graduate, 04 five year integrated courses, 18 research programmes besides 02 vocational programmes at Under-Graduate level (B. Voc.) and 01 Diploma course is being offered under Community College in collaboration with VLCC. The University is running 10 Post Graduate programmes from its main campus along with its administrative block which is also situated in the main campus at Rahya-Suchani. Rest of the programmes are being offered from Temporary Academic Block situated in the heart of the city. The Central University of Jammu aspires to be one of India's leading Universities offering innovative, responsive and high quality educational opportunities at the under graduate, post-graduate and doctoral levels. We aim to enable individuals to realize and develop their physical and intellectual potential to their fullest, and promote social and human values by facilitating the pursuit of knowledge and academic excellence.

The Central University of Jammu currently operates from its Temporary Academic Block which has 30,000sq.ft constructed area and the upcoming campus at Bagla, which has 610 acres land. The University has two Auditoriums equipped with audio - video system and total seating capacity of 300, as well as two conference-cum-meeting rooms with audio video interface. The University provides ICT based infrastructure across all departments, the class rooms have projectors and audio source for interactive learning. The supporting facilities on the campus are being developed to contribute an effective ambience for curricular, extra-curricular and academic activities. The library is having excess to leading journals through UGC-infonet and dellnet. The University also provides separate hostel facilities for boys and girls with all the necessary amenities. Facilities like Wi-Fi, reading room, separate common rooms, 24 hrs power backup, educational tour, book exhibition, job fair, picnic and medical facilities etc. are also provided to the students.

The University has entered into an academic collaboration with the Institute of Chinese Studies, Delhi, Indian Institute of Tourism and Travel Management, Gwalior, Jammu Chamber of Commerce and Industries, Jammu. Also, three Central Universities viz. Kashmir, Himachal Pradesh and Jammu have signed a tripartite MoU for horizontal and vertical mobility of students, credit transfer and faculty exchange, joint research projects etc. The University is also having membership of professional bodies like NHRDN, ISTD, IATO, ITC, AIMA, CII etc., for strengthening its industry-academia interface.

The main features followed by the University include the following :

Quality maintenance:
All activities of the University can be grouped into three categories: admissions, teaching-learning process and examinations. At all levels, highest level of transparency is exercised. For admission to each course, national level test is conducted by Collegium of 08 Central Universities(CUCET). Highly advanced IT based system is

in place for evaluation of the test and every bit of information is placed on the CUCET website. The teaching-learning process is student centric where the curriculum is strictly based on Choice Based Credit System, as per latest UGC guidelines. Plans, programmes and activities, the results of the examinations conducted, the progress of the students is periodically reviewed at the level of Departments / Board of Studies, and other such bodies. The role-playing matrix for the examination process rests upon continuous evaluation, transparency, scrupulous, adherence to the declared time-schudule, objectivity and fairness. Setting of question papers is done with the guiding principle of promoting understanding of the matter rather than rote learning. All results are declared as per the schedule in the academic calender. The University since its inception is showing answer-scripts to the students thus eliminating the process of re-evaluation which facilitates the declaration of results within the stipulated time period. The transparency strengthens the faith of the students in the evaluation system followed by the University.

The University has a bottom up system of regulating and eliciting opinions in policy-making and decision making of all the issues at hand through community interface. In this way, a healthy, inherent and democratic system prevails in the practices of the University. The University Act, statutes, ordinances and regulations are followed in the organization, for which regular meetings as a procedure is adhered to. All positions are filled in after advertising at the national level and inviting experts in the selection committee from all over the country. In the selection process, merit remains the guiding principle as reflected in the teaching faculty, across disciplines, from as many as 17 states of the country.

Gender sensitization:
In the backdrop of the convention to end all forms of discrimination against women, the University has constituted a committee for Sensitisation, Prevention and Redressal of Sexual Harassment (SPARSH) in line with the Vishaka guidelines of 1998 and recently enacted Sexual Harassment Act at Workplace, 2013. Further the University has also selected gender champions for creating awareness amongst target audience. The committee has so far organised various workshops, counselling sessions and is organising self defence programmes under SAKSHAM project of UGC.

Energy conservation:
Use of LED and CFL lights, Power Factor Control, are some of the technologies used to conserve energy on the campus. The upcoming campus of the University is working on Green Campus concept to achieve GREHA 5 star ratings. It has been started with an objective to make Central University of Jammu a green University and make the students and staff aware about the sustainable use of electricity. In order to control landslides and prevent soil erosion using geo-synthetics and mapping of soil slopes.

The academic activities of the University across seven criteria of NAAC have been summarised and briefly presented below :

I. Curricular Aspect
Central University of Jammu intends to facilitate pursuit of knowledge and academic excellence in higher education with emphasis on promoting social and human values by enabling the students to realize and develop

their physical and intellectual potential. The University at present offers 15 Post Graduate, 4 integrated UG-PG Programmes, 8 Integrated M.Phil.-Ph.D programmes, 12 Ph.D programmes besides 02 Vocational programmes at Under-Graduate level (B. Voc.) and 01 Diploma course is being offered under Community College in collaboration with VLCC, all of which imbibe vision and mission of the University. These programmes cover the wider scope of basic knowledge of disciplines and interdisciplinary areas of contemporary relevance, like Human Resource Management, Tourism and Travel Management, Public Administration, Social Work, Mass Communication, National Security Studies, Education, Computer Science, Environment Sciences, Applied Mathematics, Economics, English and Hindi. Value added programmes are also offered under National Skill Qualification Framework having multiple exit points like B. Voc. and Programme on Beauty and Wellness under Community College. The University lays special emphasis on new teaching and learning pedagogy focusing on shift from transactional mode to transformational mode of teaching. Frequent workshops on soft skills and personality development are embedded as part of almost all the programmes offered by the University.

The University follows a systematic process for design and development of curriculum where each course syllabus is drafted by group of subject matter experts as per UGC/Regulatory Body guidelines. It is initially reviewed at departmental level which is later deliberated upon during Board of Studies and School Board meeting for improvisation and finalization. This process ensures that the curriculum is aligned with the industry requirements, is more job oriented, knowledge rigorous and meet needs of the society.

Feedback from the stakeholders such as the industry professionals, experts in academia and research, as well as students are collected and analyzed during need assessment through a structured mechanism, while designing and revising the curriculum. This has a catalytic impact for the University to keep pace with the dynamic needs of the industry and the society at large. Besides these measures, syllabi are also sent to various experts from industry and academia of national and international repute, for their time-to-time inputs on the same. The University also ensures complete academic flexibility by offering courses as per latest CBCS scheme.

Realizing the importance of strengthening entrepreneurship for national development, the University has set up Innovation, Incubation and Entrepreneurship Council (IIEC). It aims to nurture the innovative ideas of the entrepreneurs in emerging technological and knowledge based innovative ventures by providing necessary mentoring, promoting IP ecosystem and providing entrepreneurs a platform to commercialize their ideas.

Few Schools/Departments/Centre of contemporary academic relevance have been proposed by the University for next academic session focusing on Earth & Space Application, supported by Ministry of Earth Sciences, Mathematics, Education and Research, supported by Department of Atomic Energy, Disaster Management, under NDMA, Government of India, Yoga Centre, Deen Dayal Upadhyay KAUSHAL KENDRAS, supported by UGC, HRD Centre, supported by UGC, Kendriya Vidhyalaya , supported by MHRD. University has also approved various programmes in which online courses will be offered for benefitting students by leveraging technology using MOOC platform under SWAYAM.

II. Teaching-Learning and Evaluation

Since Teaching, Learning and Evaluation are the backbone of the University, ostensibly, constant efforts have been made to bring balanced representation in student population and to provide reservation as per the UGC rules. Moreover, extensive admission policy catering to the needs of diverse students, is followed. University organizes induction program for freshers both at departmental as well as University level and students are provided welcome kits.

Teachers from all departments meticulously plan and organize teaching schedules and put up the same on the University website, well in advance. Teachers make all efforts to make learning student-centric, with major thrust on experimental and participative learning, by emphasizing problem solving. As far as faculty is concerned, the University has a well qualified faculty. Diversity in recruitment of faculty is ensured. Faculty recharging strategies are in place, facilities like mobility of faculty through exchange programme as per MoU signed between three Central Universities is already being practiced. This system makes it possible for both the faculty and the students to learn constantly by upgrading and replenishing their capacities so as to exhibit the very best. Remedial coaching classes are conducted for students lagging behind in academics, by collecting data of academically poor students, reviewing their performance at various stages which include class-tests, assignments, interaction, oral examination etc. The inherent inhibitions among the students act as a drag worked out by offering them continual exposure to open debates and discussions.

Apart from regular teaching, experts and eminent persons are often invited for variety of academic purposes. The faculty and students make use of ICT, smart classrooms and rich library resources, which include online resources with the help of NKN connectivity. Emphasis is laid on quality education by encouraging the institution to adopt multimedia approach in teaching-learning process. Both the students and the faculty are exposed to advanced levels of knowledge and skills mainly through the utilization of internet skills. The institution encourages the staff to undertake research activities and pursue doctoral research. Faculty members are deputed to attend guest lectures, national and international seminars and training programmes for updating their knowledge. Not only this, the goal of bringing out creativity of the students is met by harnessing their talent by showcasing it in the form of extra-curricular activities like UDAAN, Environment day, Annual Day Celebration, Alumni Day etc.

Needless to say, the examination system has also witnessed improvement in recent years by following continuous evaluation, internal assessment and speedy declaration of results. Technology is extensively used in the preparation and compilation of results. The University strictly follows an academic calendar for conduct of diverse activities and examinations. The system is totally transparent and internal at each step, thus eliminating the need of re-evaluation. A Grievance-Redressal cell is also constituted which looks after the grievances of students about the evaluation system. Bringing reforms in the examination system by taking feebdback from faculty, students and other stakeholders, is a regular practice. The feedback is analysed and remedial correction is done after discussing the same subject wise in faculty meetings.

The students are often sent to the places where job fests / business fests are organized by reputed institution and

leading companies. Feedback is taken from different sources such as students and the organizers of the job fest / business fests as it serves as the surest learning outcome.

III. Research, Consultancy and Extension

This criteria is devoted towards research, consultancy and extension. The University accords high priority for providing the very best research facilities through grant of research projects, facilitating teachers and scholars for pursuing their research work with academic and financial support. The University has constituted a committee to review the status of research work, screen best publications, grant financial support in form of minor research projects to the tune of Rs 3 lakh for each Department. The University follows minimum standards for award of Integrated M.Phil-Ph. D degree. Every registered scholar is granted a fellowship of Rs 5000 to M.Phil and Rs. 8000 to Ph. D scholars besides grant of fellowship to JRF. The teachers are provided financial support for attending conferences, seminars and workshops. The University is in the process of building a sound consultancy and collaborations are therefore being explored at National and International level.

IV. Infrastructure and Learning Resources

The Central University of Jammu currently operates from its Temporary Academic Block situated at Sainik Colony, Jammu which has 30,000 sq. ft constructed area and the upcoming campus situated at Bagla, Samba which has 610 acres of land. The current infrastructure developed includes a centrally air–conditioned administrative and academic block at Bagla. The University has one Auditorium equipped with AV systems and total seating capacity of 300. It also has three conference cum meeting rooms with AV interface. The Central University of Jammu provides ICT based infrastructure across all departments. The class rooms have projectors and audio source for interactive learning. The supporting facilities on the campus are developed to contribute the effective ambience for curricular, extra-curricular and academic activities. The Central University of Jammu has a fully equipped medical room in TAB and main campus in which full time doctor and medical assistants have been appointed. An ambulance is also available round the clock. The University has a central library which is automated with KOHA. The library also provides access to e-resources through INFLIBNET. The library has a seating capacity of 110 with access to the internet along with photocopy and printing facilities for the students. The library has 12,000 books approx. and adds 4800 books annually on an average. The library makes subscription to leading e-journals like JSTOR, EPW, SPRINGER etc. Smart cards have also been issued to the students and faculty. The University also provides separate hostel facilities for boys and girls with all the necessary amenities like Internet facility, reading room, common room, 24 hrs power backup, and medical facilities. From the total annual budget of the university, a provision is kept for infrastructural development and ICT facilities.

V. Student Support and Progression

Student support services are important for the better growth and development of the students within an institution. Students encounter major transitions related to their higher education experience and to provide favourable environment during this phase of life, considerable support is available for their progression i.e. a broad range of student support services and activities that enhance the learning process in and out of the

traditional classroom. Taking all these things into consideration, Central University of Jammu has taken steps to strengthen these kind of activities within the institution. The University has student grievance redressal mechanism which gives students essential support to resolve their issues, which are academic as well as non-academic in nature. In order to make University fraternity sensitized towards gender-"SPARSH" i.e Sensitization, Prevention and Redressal of Sexual Harassment cell has been constituted under which University has constituted a University Complaints Committee (UCC) in order to address the issues and complaints filed by the students or employees of the University. The Equal Opportunity Cell of the University ensures every person an equal opportunity at all levels irrespective of any caste, religion, race, creed, gender, sexual orientation, gender identity, gender expression, genetic information, marital status, age, minorities, economically weaker section or disability. Also, the development of soft skills is a crucial part of fostering a dynamic workforce, and in this regard students of Central University of Jammu are counselled at regular intervals regarding career opportunities as well as the choice of courses to opt for within and outside the department. The University provides individual and group counselling to the students along with field visits where their learning in the field is mentored by faculty and an agency personnel. Regular activities like Dissertation, Group Activities, Friday Clubs, Soft Skills Enhancement programs have been initiated in the departments as regular feature to groom students professional skills. Along with all these initiatives, attention is also paid to other aspects such as spoken english, computer literacy, personality development etc. by encouraging the students to speak in English and complete the assignments by using computers. The University also offers remedial classes to the students belonging to SC, ST, OBC, PWD and economically weaker sections of society for their welfare. The purpose behind this is to make them more competent and confident for the outer world. The range of activities like UDAAN, Annual Sports Meet has been organized by the University for the overall development of the students. The students of Integrated M.Phil-P.hD. are encouraged to participate in seminars, workshops and publish their research papers. A newsletter titled "Travelism" is under process of publication along with University newsletter 'Campus Update' which is being published. The University has initiated the feedback system both from the students as well as the faculty, for ensuring quality education. To safeguard the interest of the students from loss and uncertainty, various student welfare measures have been adopted by the institution. Accidental Medical Insurance up to Rs. 50,000/- is available for students of the University. University scholarship is provided to every registered scholar from each department, free bus services for the student and faculty is provided. Health Centre with qualified doctor and medical attendant is also available. Digitization process of the University makes its information publicly accessible. The syllabus and scheme consisting of details of evaluation process of each programme is displayed on the University website so that the students, teachers and all other stakeholders can easily access the required information. In order to attract foreign students, an International Student Cell has been established by the University and communication in this regard has been provided to different embassies. The Central Placement Cell of Central University of Jammu endeavours to facilitate and provide suitable placement to students in reputed multinationals, Government Organisations, NGO's and the corporate sector. For promoting leadership qualities among students, steps have been initiated to establish a student council, wherein they can learn qualities like team building, resource utilization, confidence building etc.

VI. Governance, Leadership and Management

Vision of the good leaders in the path of institutional building plays a very significant role. The far-sightedness of the leadership of Central University of Jammu is reflected in its vision and mission which clearly aspires for high echelons in academics as well as to engage in the progress and development of society. In spite of the fact that the University is in its nascent stage, it aspires to set a standard for its stakeholders and their overall growth, so that they can deliver an effective service to the society, which the 'mission' outlines explicitly. It desires to engage with the society at various levels in order to advance the progress and development of humanity through innovation. The leadership in collaboration with the statutory bodies is actively engaged in shaping the policies and future action plans to match the standards set by the University through its vision and mission. While doing so, a bottom-up approach is exercised by the Vice-Chancellor in inviting any suggestions from any of the stakeholders at anytime and interacts with them quite frequently. In order to inculcate sound value system among University fraternity, all national days like Independence Day/ Republic Day/ Gandhi Jayanti/ Unity Day are celebrated with active participation from faculty and students which helps to foster national values among them. In the course of development of policies and strategies for teaching and learning process, Choice Based Credit System (CBCS) has been introduced. To review the said process on regular basis provision of student's feedback, internal assessment and continuous evaluation have been made compulsory. The University also conducts eminent lectures by reputed speakers from various disciplines to foster competencies among the students. The curriculum of all the Departments is reviewed regularly to meet the global requirements. The University has also constituted grievances cell and anti ragging committee to address the complaints from students and scholars and a committee to address the grievances of gender related issues called 'SPARSH'. Such committees as stated above are actively engaged in sensitizing the students, scholars, faculty and staff about gender issues and maintaining ragging free atmosphere in the campus. Understanding the need to ensure quality in all academic and administrative activities, the University has established a separate Internal Quality Assurance Cell which was formulated in the year 2014 to monitor, guide and suggest the quality improvements required with respect to various quality related parameters of the University. IQAC is actively engaged in setting up quality standards of the University. The feedback process is in place. Also, it is in the process of establishing quality radar at the University by organising 'Best Department' competition amongst the Departments. The IQAC has nominated an IQAC co-ordinator from each Department, who helps in maintaining the requisite records at the Departmental level similarly ICAQ co-ordinator nominated from Administrative staff helps in maintaining quality standards at the administrative level. Meetings are held regularly for maintaining quality standards and parameters at the University.

VII. Innovations and Best Practices

The campus of Central University of Jammu is being developed following the GRIHA 5 guidelines with measures to ensure reduced consumption of energy and water resources. To make the campus eco-friendly, measures on energy efficiency, water efficiency, renewable energy and water efficient landscaping have been largely incorporated. Most of the buildings and habitable working spaces have North-South (± 15 degrees) orientation, so as to maximize gains for natural light into habitable spaces where autoclaved aerated concrete (AAC) block have been provided over brick walls, so as to minimize heat gain into the building spaces and thereby reducing energy consumption in cooling spaces. This practice is supplemented by maximizing use of

sunlight, solar water heating, use of energy efficient lights to ensure the reduced consumption of energy as far as possible. To ensure sustainable and smart use of water, the University has constructed many water harvesting pits, Five Water bodies are being created in the campus with a total water harvesting capacity of 80 Lakh Gallons through Watershed Development Programme. The provision for Rooftop Rainwater Harvesting is under progress however use of RO rejected water for Gardening purpose is already in operation. To maximize the use of renewable energy, the University has adopted the use of solar energy by installing the Solar Energy Panels on the roof top of its buildings which is under progress, however solar street lights have also been/ are being installed. The installation of solar water heaters at the roof top of the hostels are also being planned to incorporate renewable energy over conventional form of energy. Thick green belt of adequate width has been raised in the campus with incorporation of native species of plants/trees. The University is also adopting a Water Efficient Landscaping with designated plant/tree species.

For administering and functioning of the University, a key innovation has been the use of technology in all aspects of Institute administration. Some of the following Innovative practices are being adopted or are under progress at the Central University of Jammu which includes use of Building Management System (BMS) for HVAC control, Email groups, Email based administration, Shared documents and Google Drive, ERP and Coir based eco friendly duster. A few of the best practices which are operational at the Campus of Central University of Jammu includes:

- Learner centric course design and delivery
- National Tourism Entrepreneurship Development Summit (NTEDS)
- Evaluation system is very transparent and objective.
- CBCS as per UGC guidelines with interdisciplinary orientation
- ICT/Automated library
- Prompt Medical facility

The University is in the process of introducing the following other best practices :

- Use of Recycled Paper
- Computer Procurement Policies
- Use of Reusable Bottles
- Use of Green Cleaning Products

Further, the University strives hard for placing the students to quote, 2-day mega placement drive under the aegis of NSDC was conducted at Central University of Jammu, Temporary Academic Block, Sainik Colony, Jammu on 29th May, 2016. The event was witnessed by over 170 participants from different parts of the State including the in-house students of various departments of Central University of Jammu. Some of the Corporates who participated on both days of this mega recruitment drive included; Multicare; NISA; Orion Security; Safexpress; Suntech Infra Solutions; Surya Wires; Tata Motors; Premier Shield and Rooman Technologies. The corporates represented a wide range of sectors like Security Services, IT, ITES, Hospital Management, Infra, Automobile Sector, Logistics, etc. Also, students of professional courses have been placed in reputed companies for internship. 21 students of Department of HRM & OB were offered stipend of Rs. 21,000/- per month.

SWOC Analysis of the University

STRENGTHS:

- The University has maintained its identity by setting up centre of excellence as per the contemporary trends and is trying to become a unique cultural centre with high principles of sustenance.
- The University offers education with least monetary burden on the students while at the same time it is offering a quality life and living on the campus.
- The University has maintained an astute awareness of the demands of the contemporary world and keeping that in view it is continuously initiating new courses.
- The attrition rate of the University is nearly zero amongst the staff members.
- The placement records of the professional courses has been healthy since its inception. The TTM Department has 100% placement record. MBA(HRM) Department has a record 100% placement with paid internships. Most of the students from the department are placed in reputed corporate houses with high packages.
- The classroom pedagogy including involvement of the students makes a significant component of the University's functioning.
- Well managed student discipline process is followed.
- The campus is Wi-Fi enabled, ICT savvy and has well maintained lawns, sports facility at Temporary Academic Block and proposed stadium at the main campus.
- Strong Industry-Academia Interface for curriculum design, internship and placements.
- Regular interaction with eminent experts through eminent lecture series.
- Focus on inculcating entrepreneurship amongst students and local community through innovation cell and University Business Incubation Centre.
- The University has started programmes for promoting Vocational Courses through Community College, B.Voc programme, which shall enhance employability among students. Skill Development component has been added all courses pursued in Central University of Jammu as per UGC guidelines on CBCS.
- The focus of the University is on enhancing the skills of the learners through various skill based value added courses. The University has laid its focus on Community Development, adopted a Panchyat viz, Jung under ULB programme of Govt. of India, adopted five villages and two schools. Bio-diversity Park has been created.
- A survey of flora and fauna of entire campus has been done and published in the form of a book.

WEAKNESSES:

- The University faces paucity of space as it is in process of constructing its own buildings to accommodate newly introduced courses and increasing number of students.
- The University still has to go a way ahead by developing state of the art infrastructure which would not only provide space for new courses but also help in preserving valuable resources in the form of manuscripts and other original documents.

- The University needs to make efforts for recognition, promotion and establishment of research centres for enabling research in various areas.
- The University still has to set a benchmark in attracting students globally though a few students from Eurepeon Union are likely to visit University campus under student exchange programme.
- The University is yet to conduct Green Audit, Disability Audits etc.
- The University has a formalised feedback system but has to adopt a self improving system as it lacks a proper internal appraisal mechanism and relies only on UGC API pattern for appraising the faculty members.

OPPORTUNITIES:

- The University has capability to be graded as 'A Class' University.
- The University provides ample opportunities for students to grow in a holistic manner through a cultural, intellectual and extra-curricular exposure in a healthy environment.
- The University has opportunities to offer to its budding citizens with an exposure of community development and welfare.
- The University nurtures the classical oriental languages and literatures and also provides opportunities to the budding entrepreneurs through its Business Incubation Centre.

CHALLENGES:

- Tapping and processing funds for development of new buildings.
- Encouraging productive research.
- Harness energy of alumni for their "Time, Talent and Treasure" by generating employability for the students.
- The University has to distinguish itself at National and International level and attain excellence in field of research and consultancy.
- The University has to become a hub of academic pursuits to cater to the diverse needs of the students in all emerging disciplines of knowledge.
- The construction of academic blocks at faster speed is one of the biggest challenge.
- The University has to strive for creating an ambience and congenial atmosphere for the learners to have a sense of pride for the students of the University.
- The University intends to shift from temporary block to main campus for giving a feel of the Campus to the students at one place where they shall coordinate and enjoy all facilities of the University in a holistic manner.

PART B

PROFILE OF THE UNIVERSITY

1. Name and Address of the University:

Name:	**Central University of Jammu**	
Address:	**Bagla (Rahya-Suchani), Samba, J&K**	
City: Jammu	**Pin:181143**	**State: Jammu and Kashmir**
Website:	**www.cujammu.ac.in**	

2. For communication:

Vice Chancellor	**Name**	**Prof. Ashok Aima**
	Tel. (Office)	01923-249635
	Tel. (Residence)	0191-2451927
	Mobile	09419105902
	Fax	01923-249634
	E-mail	vc@cujammu.ac.in, vicechancellor.cuj@gmail.com
Registrar (I/c)	**Name**	**Mohammad Iqbal**
	Tel. (Office)	01923-249658
	Tel. (Residence)	09906147595
	Mobile	09906147595
	Fax	01923-249658
	E-mail	registrar@cujammu.ac.in
NAAC Steering Committee Convenor	**Name**	**Prof. Lokesh Verma**
	Tel. (Office)	01923-249634
	Tel. (Residence)	01912467646
	Mobile	09419143332
	Fax	01923-249634
	E-mail	drlkverma@gmail.com

3. Status of the University:

State University	
State Private University	
Central University	✓
University under Section 3 of UGC (Deemed University)	
Institution of National Importance	
Any other (please specify)	

4. Type of University:

Unitary	✓
Affiliating	

5. Source of funding:

Central Government	✓
State Government	
Self-financing	
Any other (please specify)	

6. a. Date of establishment of the university: **08/08/2011**

b. Prior to the establishment of the university, was it a/an

i. PG Centre	**No**
ii. Affiliated College	**No**
iii. Constituent College	**No**
iv. Autonomous College	**No**
v. Any other (please specify)	

If yes, give the date of establishment: NA

7. Date of recognition as a university by UGC or any other national agency:

S.No.	Under Section	dd	mm	yyyy	Remarks
i.	2f of UGC*	–	–	–	University is established by an Act of Parliament therefore the recognition by UGC is from date of inception
ii.	12B of UGC *	–	–	–	University is established by an Act of Parliament therefore the recognition by UGC is from date of inception
iii.	3 of UGC #	–	–	–	–
iv.	Any other ^ (specify)	–	–	–	–

* Enclose certificate of recognition.
# Enclose notification of MHRD and UGC for all courses / programmes / campus/ campuses.
^Enclose certificate of recognition by any other national agency/agencies, if any.

8. Has the university been recognized

a. By UGC as a University with Potential for Excellence? **No**
If yes, date of recognition : ……..… (dd/mm/yyyy)

b. For its performance by any other governmental agency? **No**
If yes, Name of the agency …… and
date of recognition: ……..(dd/mm/yyyy)

9. Does the university have off-campus centres? **No**
If yes, date of establishment: …… (dd/mm/yyyy)
date of recognition : ……..…… (dd/mm/yyyy)

10. Does the university have off-shore campuses? **No**
If yes, date of establishment : …… (dd/mm/yyyy)
date of recognition : ……..…… (dd/mm/yyyy)

11. Location of the campus and area:

	Location *	Campus area in acres	Built up area in sq. mts
i. Main campus area	Rural	610	9764.00
	Urban	3.08	2787.09
ii. Other campuses in the country	NA	NA	NA
iii. Campuses abroad	NA	NA	NA

(* Urban, Semi-Urban, Rural, Tribal, Hilly Area, Any other (please specify)
If the university has more than one campus, it may submit a consolidated self-study report reflecting the activities of all the campuses.

12. Provide information on the following: In case of multi-campus University, please provide campus-wise information.

• Auditorium/seminar complex with infrastructural facilities : Yes (Two each in TAB and Main Campus)
• Sports facilities
  * Playground **: 03**
  * Swimming pool **: Nil**
  * Gymnasium **: Yes**
  * Any other (please specify)

• Hostel
  * Boys' hostel
    i. Number of hostels **: 01**
    ii. Number of inmates : 127
    iii. Facilities **: Hygienic Dining Hall, Wi-fi facility, Recreation Hall, TV,**

Indoor Games, Medical facilities

∗ Girls' Hostel

i. Number of hostels : **02**

ii. Number of inmates : 115

ii. Facilities : **Hygienic Dining Hall, Wi-Fi facility, Recreation Hall, TV, Indoor games, Medical facilities**

∗ Working women's hostel : **Nil**

i. Number of hostels

ii. Number of inmates

iii. Facilities

- Residential facilities for faculty and non-teaching : **No**
- Cafeteria : **Yes**
- Health Centre
  - First aid facility : **Yes**
  - Outpatient : **Yes**
  - Ambulance : **Yes**
  - Emergency care facility : **Yes.**
  - Health Centre staff : **Qualified doctor (full time), Nurse/attendant (full time)**
- Facilities like banking, post office, book shops, etc. : **Yes**
- Transport facilities to cater to the needs of the students and staff : **Yes**
- Facilities for persons with disabilities : **Yes**
- Animal house : **No**
- Incinerator for laboratories : **No**
- Power house : **Yes**
- Waste management facility : **Yes**

13. Number of institutions affiliated to the university : Nil

Type of colleges	Total	Permanent	Temporary
Arts, Science and Commerce	NA	NA	NA
Law	NA	NA	NA
Medicine	NA	NA	NA
Engineering	NA	NA	NA
Education	NA	NA	NA
Management	NA	NA	NA
Others (specify and provide details)	NA	NA	NA

14. Does the University Act provide for conferment of autonomy (as recognized by the UGC) to its affiliated institutions? If yes, give the number of autonomous colleges under the jurisdiction of the University : No

15. Furnish the following information:

Particulars	Number	Number of Students			
		2015-16		2016-17	
		Intake	Enrolment	Intake	Enrolment
a. University Departments	19	540	361	792	655
b. Research centres on the campus	02	NIL			
c. Constituent colleges	01	NIL			
d. Affiliated colleges	NA	NA			
e. Colleges under 2(f)	NA	NA			
f. Colleges under 2(f) and 12B	NA	NA			
g. NAAC accredited colleges	NA	NA			
h. Colleges with Potential for Excellence (UGC)	NA	NA			
i. Autonomous colleges	NA	NA			
j. Colleges with Postgraduate Departments	NA	NA			
k. Colleges with Research Departments	NA	NA			
l. University recognized Research Institutes/Centres	NA	NA			

16. Does the university confirm to the specification of Degrees as enlisted by the UGC? Yes

If the university uses any other nomenclatures, please specify.

17. Academic programmes offered by the university departments at present, under the following categories: (Enclose the list of academic programmes offered)

Programmes	Number
UG	02
PG	16
Integrated Masters	04
M.Phil.	00
Ph.D. (Part time/full time)	10
Integrated Ph.D.	08
Certificate	00
Diploma	01
PG Diploma	00
Any other (please specify)	00
Total	**41**

18. Number of working days during the last academic year : 193

19. Number of teaching days during the past four academic years.

2011-12	2012-13	2013-14	2014-15	2015-16
176	192	187	181	190

('Teaching days' means days on which classes were engaged. Examination days are not to be included)

20. Does the university have a department of Teacher Education? : Yes

If yes,

a. Year of establishment : 3rd August 2012

b. NCTE recognition details (if applicable) Notification No. **: No**

Date: ……..…. (dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately? **: No**

21. Does the university have a teaching department of Physical Education? : No

If yes,

a. Year of establishment …… (dd/mm/yyyy)

b. NCTE recognition details (if applicable) Notification No.:
Date: ……..…… (dd/mm/yyyy)

c. Is the department opting for assessment and accreditation separately? **: No**

22. In the case of Private and Deemed Universities, please indicate whether professional programmes are being offered? : NA

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the university been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon. : No

24. Number of positions in the university

Positions	Teaching faculty			Non teaching staff	Technical staff
Sanctioned by the UGC / University / State Government	Professor	Associate Professor	Assistant Professor		
	22+1*	44	91+2	69	45
Recruited	01	01	80	36	19
Yet to recruit	21	41	11	33	26
Number of persons working on contract basis	10+1*	02** (**On deputation)	16+2*** (***Tenure post)	07	02

25. Qualifications of the teaching staff

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
D.Sc./D.Litt.							
Ph.D.	10	02	01	02	40	25	80
M.Phil.	-	-	-	-	07	02	09
PG	-	-	-	-	19	04	23

**Vivekananda Chair **On deputation ***Tenure basis*

26. Emeritus, Adjunct and Visiting Professors.

	Emeritus	Adjunct	Visiting
Number	-	09	06

27. Chairs instituted by the university: 01 (Swami Vivekananda Chair)

28. Students enrolled in the university departments during the current academic year, with the following details:

Students	UG		PG		Inte-grated Masters		M. Phil.		Ph.D.		Inte-grated Ph.D.		D.Litt,/ D.Sc.		Certifi-cate		Diploma		PG Diploma	
Students	***M**	***F**	***M**	***F**	***M**	***F**	***M**	***F**	***M**	***F**	***M**	***F**	***M**	***F**	***M**	***F**	***M**	***F**	***M**	***F**
From the state where the university is located	20	18	277	471	26	51	-	-	2	1	26	23	-	-	5	26	-	-	-	-
From other states of India	10	3	71	42	17	14	-	-	05	-	23	08	-	-	-	-	-	-	-	-
NRI students	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Foreign students	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	30	21	348	513	43	65		07	01	49	31				05	26				

***M - Male *F - Female**

29. Unit cost of education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component = Rs. 175111355.00
(b) excluding the salary component = Rs. 77703887.39

30. Academic Staff College

- Year of establishment Not applicable
- Number of programmes conducted (with duration)
  - UGC Orientation
  - UGC Refresher
  - University's own programmes

31. Does the university offer Distance Education Programmes (DEP)? : No

If yes, indicate the number of programmes offered.

Are they recognized by the Distance Education Council?

32. Does the university have a provision for external registration of students? : No

If yes, how many students avail of this provision annually?

33. Is the university applying for Accreditation or Re-Assessment? If Accreditation, name the cycle.

Accreditation : **Cycle 1**

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: ..... (dd/mm/yyyy), Accreditation outcome/Result .....
Cycle 2: ..... (dd/mm/yyyy), Accreditation outcome/Result .....
Cycle 3: ..... (dd/mm/yyyy), Accreditation outcome/Result .....
Cycle 4: ..... (dd/mm/yyyy), Accreditation outcome/Result .....
* Kindly enclose copy of accreditation certificate(s) and peer team report(s)

35. Does the university provide the list of accredited institutions under its jurisdiction on its website? Provide details of the number of accredited affiliated / constituent / autonomous colleges under the university. : NA

36. Date of establishment of Internal Quality Assurance Cell (IQAC) and dates of submission of Annual Quality Assurance Reports (AQAR).

IQAC : **09/07/2014**

AQAR
(i) ..... (dd/mm/yyyy)
(ii) ..... (dd/mm/yyyy)
(iii) ..... (dd/mm/yyyy)
(iv) ..... (dd/mm/yyyy)

37. Any other relevant data

University is in the process of preparing AQAR for all the sessions.

1.1 Curriculum Design and Development

1.1.1 How is the institutional vision and mission reflected in the academic programmes of the university?

Vision

"To be a leading Centre of higher learning, integrating culture, knowledge, philosophy and value system of our heritage with modern and emerging concepts, skills and technology and management practices."

Mission

- Impart education which in its breath and scope represents the three main symbols in our logo; iridescent like the rising Sun, immortal as the Banyan Tree and infinite like the Sky.
- Inculcate self-confidence; which when combined with disciplined study, leads to faith in one's strength and conviction.
- Develop talent for sustainable growth in academics, administration, business and research by laying emphasis on organised thought, self discipline and discriminative faculty.
- Encourage inter-disciplinary focus, and also collaborative research with leading Institutions aimed at the optimum development of human resource and integration of new ideas and innovations.
- Provide a modern, environmentally sustainable, healthy and vibrant Campus in consonance with the principles of the Green Technology.
- Play participatory role in the affairs of the people of surrounding areas in particular and civil society in general.

Reflection in Academic Programmes

The first academic session (2011-12) commenced with three Post Graduate courses in English, Economics and Applied Mathematics at Temporary Academic Block-I (TAB-I) at Sidhra bypass road, Jammu. In the next academic session (2012-13), five PG Courses were added viz. Computer Science, Educational Studies, Environmental Sciences, Human Resource Management and Tourism & Travel Management which became operational from the Temporary Academic Block (TAB-II) at Sainik Colony-Extension. From the third session (2013-14), all the departments started functioning from TAB at Sainik Colony. Four new post graduate courses were introduced in the academic session (2014-15) viz. National Security Studies; Public Policy & Public Administration; Social Work and Mass Communication & New Media. Two undergraduate vocational courses in Retail and Tourism and one post graduate programme in Hindi was introduced in academic session (2015-16). Four new integrated programmes in Botany, Zoology, Chemistry and Physics as well as two new PG programmes in Material Science & Technology, Supply Chain Management were introduced in the academic session (2016-17) and one diploma programme in Beauty and Wellness under the aegis of Community College.The University also offered Integrated M-Phil-Ph.D programme in eight disciplines(till 2016) and Part time Ph. D. in two disciplines. From session 2016 onwards, University has started Full Time Ph. D. in 10 disciplines. The University is in the process of offering Post doctoral Programme.

All the academic programs of Central University of Jammu do imbibe vision and mission of the University. Out of the approved departments for the University, currently 21 are operational from two campuses as listed below and are functioning from Central University of Jammu main campus situated at Rahya- Suchani (Bagla), Samba as well as the Temporary Academic Block, situated at Sainik Colony, Jammu.

The departments are as follows :

1. Department of Economics
2. Department of English

3. Department of Mathematics
4. Department of Human Resource Management and Organizational Behaviour
5. Department of Tourism and Travel Management
6. Department of Computer Science and Information Technology
7. Department of Environmental Sciences
8. Department of Educational Studies
9. Department of Public Policy and Public Administration
10. Department of National Security Studies
11. Department of Sociology and Social work
12. Department of Mass Communication and New Media
13. Department of Hindi and Other Languages
14. Department of Marketing and Supply Chain Management
15. Department of Chemistry and Chemical Sciences
16. Department of Nano Science and Material
17. Department of Physics and Astronomical Sciences
18. Department of Animal Sciences and Wild Life
19. Department of Plant Sciences
20. Centre for Molecular Biology
21. Centre for Comparative Religion and Civilization

The curriculum in each discipline has been planned keeping in view the learning outcomes, global competencies and core values enshrined for higher learning attributes. The curriculum in each discipline under Choice Based Credit System (CBCS) enables students to gain insight towards global challenges, attain sense of working towards inter-disciplinary thinking, build scientific temper of mind, attain professional advancement, life skills and research orientation with a blend of co-curricular activities which further develops them competitively to seek employment. The curriculum further enables the students to attain requisite skills for entrepreneurship. The curriculum ensures to make students' flexible, competitive and gain competencies in different fields of specialisation.

In order to further attain the vision and mission, the University ensures to create a supporting system for faculty and students in following facets:

(i) Studies in foundational and contemporary disciplines with focus on personality.
(ii) Industry oriented curriculum blended with spirit of strong ethical values and Inter-disciplinary studies.
(iii) Student centric teaching and learning pedagogy with special emphasis on shift from transactional mode to transformational mode of teaching.
(iv) Use of ICT in improving teaching learning process.

The Central University of Jammu strives for the continual improvisation of performance and benchmarking against the best standards of excellence in teaching and research.

1.1.2 Does the university follow a systematic process in the design and development of the curriculum? If yes, give details of the process (need assessment, feedback, etc.).

The courses as well as curricula are periodically reviewed at departmental level keeping in view the advancement in technology, industrial needs, changes in national and international scenario. The systematic process that is followed in designing and development of curriculum includes need assessment, designing the initial draft of curriculum, feedback, improvisation and finalization.

Need Assessment: The curriculum is designed by the faculty members considering the guidelines and model curriculum of UGC, leading institution and industries. Inputs from various stakeholders are also

taken into account by conducting workshops etc. in order to get a better understanding of future needs. The content of the similar courses being offered by leading institutions are also considered. The experts visiting the departments also provide the assessment on the curriculum which too is useful for formulating the new syllabi.

Designing the initial draft of curriculum*:* The need and design of curriculum is further deliberated upon within the faculty members in departmental meetings under the chairmanship of Head of the Department and the initial draft of syllabus is finalized.

Feedback: The feedback about the curriculum is taken from the alumni and outgoing students of final year of each programme to revise and modify the gaps if any.

Decision of Board of Studies : The draft of curriculum is thoroughly discussed in the Board of studies meeting as well as School Board and inputs are incorporated. The feedback of experts from academic and industry is utilised for recommending the syllabi for final approval.

Improvisation and Finalization : The revised curriculum is finally approved by the Academic Council and is put into practice.

From the current academic session i.e. 2015-16, University is strictly following the latest CBCS as per UGC guidelines for design and development process of curriculum with emphasis on interdisciplinary, value based and skill based courses providing academic flexibility.

Besides above measures, University also sends the curriculum to external experts from industry and academia to get their time to time inputs on the same for ensuring enriched curricula in line with latest market trends. This further provides feedback for enriching the curricula.

1.1.3 How are the following aspects ensured through curriculum design and development?

- **Employability**
- **Innovation**
- **Research**

Employability

The University realizes the importance of strengthening Entrepreneurship for national development and thus takes keen interest for developing entrepreneurial skills amongst the youth. The Central Placement Cell has been established by the University to provide quality placement opportunities for students. The Cell organizes various Skill development workshops like communication, personality development etc. to groom the students as per the requirement of the industries throughout the year. The departments also undertake placement activities at their level. The University frequently organizes interactive sessions with eminent academicians and industrialists so as to develop synergistic partnerships paving out ways for desirable employability of the students. Workshops on entrepreneurship are also conducted in collaboration with eminent bodies like JKEDI, so as to facilitate the budding entrepreneurial aspirations of the students. Since visualization of the institution from the curricula has lot of impact in establishing the industry-institution relationship and placements, the curriculum is designed keeping in view the need and requirements of the industry.

Teaching pedagogy is also emphasized to be based on case studies, student's involvement and participation which helps in holistic development of the students from employability skills perspective. The need assessment activity in the departments takes into account the options of employability through the various courses planned in coordination with Industry representatives. The industry academia cell frequently meets and guides for measures to be undertaken towards enhancing employability through different courses being taught.

Innovation

The University has established Innovation, Incubation and Entrepreneurship Council under which Innovation Cell and University Business Incubation Centre (UBIC) are functioning. *Innovation cell*

aims to reach out to grassroot innovators particularly in rural areas to record their knowledge and innovation, get them patented and disseminate them for the benefit of the society. *UBIC* nurtures the innovative ideas of the Entrepreneurs' in emerging technological and knowledge based innovative ventures by providing necessary mentoring, promoting Intellectual Property ecosystem and providing entrepreneurs a platform to commercialize their ideas. Besides, it facilitates in raising the seed capital from different financial institutions at subsidised rates and IP protection by helping them to register IPs. The UBIC is established for nurturing innovation in local resource endowments thereby helping in income and employment generation in the region. The objective of UBIC is to emerge as a Centre of excellence in incubating ideas.

The Central University of Jammu also emphasizes on usage of innovative management techniques and latest teaching pedagogy to educate students in the essential and emerging concepts, analytical frameworks, theoretical perspectives, and organizational environments and processes. The teaching and learning process relies on participation and interaction by using a mixed pedagogy i.e. case study, presentations, e-resources, lectures by eminent speakers from industry & academia. Innovative teaching techniques are encouraged by the University like teaching at field settings, out of classroom teachings etc.

Research

The Central University of Jammu aspires to be a leading institution of teaching, research, and professional development. The University offers Integrated M.Phil-Ph.D; programs and part time Ph.D. programmes to carry out quality research in the respective fields. Also, research methodology, IT and data analysis courses are integrated into course curriculum across various disciplines. Besides that, research based dissertations/projects/field work are an integral part of almost all post graduate programs. In some departments students are also exposed to presentations during club activities. The faculty is encouraged to undertake projects, make publications and attend workshops on various themes organised from time to time. Hands-on experience is also provided through practical orientation. The course work is formulated and taught as per guidelines of UGC for each programme.

1.1.4 To what extent does the university use the guidelines of the regulatory bodies for developing and/or restructuring the curricula? Has the university been instrumental in leading any curricular reform which has created a national impact?

All the Departments consider the guidelines and model curriculum of UGC and other Statutory Bodies of Government in developing, designing and restructuring the course and the curriculum. Choice Based Credit System has also been adopted in line with UGC guidelines. Regulations laid down by the University are also followed to develop and restructure the course curriculum.

1.1.5 Does the university interact with industry, research bodies and the civil society in the curriculum revision process? If so, how has the university benefitted through interactions with the stakeholders?

Feedback from the stakeholders such as the industry professionals and experts in academia and research are taken into account while need assessing, designing and revisiting curriculum. This is beneficial for the University to keep in pace with the dynamic needs of the industry and the society at large. The representatives of Industry are also part of Board of Studies of Department of HRM & OB and Department of TTM.

1.1.6 Give details of how the university facilitates the introduction of new programmes of studies in its affiliated colleges.

At present University doesn't not have the mandate to accord affiliation.

1.1.7 Does the University encourage its colleges to provide additional skill-oriented programmes relevant to regional needs? Cite instances (not applicable for unitary universities).

At present the University doesn't not have the mandate to accord affiliation.

1.2 Academic Flexibility

Furnish the inventory for the following:

Programmes taught on campus

Overseas programmes offered on campus

Programmes available for colleges to choose from

University ensures academic flexibility by offering courses as per latest CBCS scheme as per UGC guidelines. Academic flexibility is offered by providing variety of options in choosing electives from within the domain discipline and across the disciplines. Details of programmes are furnished below:

Programmes taught on campus - 41

I- P.G. Programmes - 15

1. Master of Education (M.Ed)
2. M.Sc. (Environmental Sciences)
3. M. Sc (Applied Mathematics)
4. MBA (Tourism & Travel Management)
5. MBA (Human Resource Management)
6. M. A. (Social Work)
7. M. A. (Mass Communication & New Media)
8. M. A. (Economics)
9. M. A. (Public Policy and Public Administration)
10. M. A. (English and Comparative Literature)
11. M.A. (Hindi)
12. M.A. (National Security Studies)
13. M.Sc. (Material Science & Technology)
14. MBA (Supply Chain Management)
15. M. Tech. Computer Science and Technology

II- Five Year Integrated Courses-4

1. Five year integrated course in Botany
2. Five year integrated course in Zoology
3. Five year integrated course in Chemistry
4. Five year integrated course in Physics

III- Integrated M. Phil- Ph. D - 8

1. Integrated M.Phil-Ph.D (Education)
2. Integrated M.Phil-Ph.D (Applied Mathematics)
3. Integrated M.Phil-Ph.D (Tourism & Travel Management)
4. Integrated M.Phil-Ph.D (HRM)
5. Integrated M.Phil-Ph.D (Economics)
6. Integrated M.Phil- Ph.D (National Security Studies)
7. Integrated M.Phil- Ph.D (English and Comparative Literature)
8. Integrated M.Phil- Ph.D (Public Policy and Public Administration)

IV- UG Courses- 2

1. B. Voc. (Retail Management) 2. B. Voc. (Tourism Management)

These programmes have multiple exit points. The exit options for Certificate, Diploma, Advanced Diploma and degree are offered after level 4, 5, 6, 7

V- Full time Ph.D. - 12

1. National Security Studies
2. Public Policy and Public Administration
3. Economics
4. Education
5. Mathematics
6. Environmental Science
7. Computer Science & IT
8. Mass Communication & New Media
9. Sociology & Social Work
10. Tourism & Travel Management

V- Diploma- 1

1. Beauty and Wellness

Apart from above Programmes, the University has also approved various programmes in which online courses will be offered for benefitting students by leveraging technology. List is furnished below:

1. Relational Database Systems using Oracle
2. Certificate Course in Basics of Tourism
3. Geology and Biodiversity of Shivalik : Tale of Rising Himalayas (Certificate Programme)
4. Inclusive Education (Certificate Programme)

Overseas programmes offered on campus:

At present, the University does not offer any overseas programme.

Programmes available for colleges to choose from:

At present, the University does not have any affiliated colleges.

1.2.1 Give details on the following provisions with reference to academic flexibility

a) Core / Elective options

a. Enrichment courses

b. Courses offered in modular form

c. Credit accumulation and transfer facility

Lateral and vertical mobility within and across programmes, courses and disciplines

1.2.2 Proposed Courses :

Few more courses are under consideration from different Ministeries / Agencies which will be started in due courses of time those include :

1. School of Business Studies

Department of Business and Financial Studies
Department of Production and Operational Management
Department of Management Studies
Department of Hotel and Hospitality Management

2. School of Knowledge Management, Information and Media Studies

Department of Library and Information Science
Department of Communication Management and Advertising

3. School of Basic and Applied Sciences

Department of Geology
Department of Geography
Department of Atmospheric and Planetary Science
Department of Statistics

4. **School of Education**
   - Department of Special Education
   - Department of Physical Education
5. **School of Humanities and Social Sciences**
   - Department of Philosophy
   - Department of History, Culture and Archaeology
   - Department of Musicology
   - Department of Political Science
   - Department of Pyschology and Behavioiural Sciences
   - Department of International Relations
6. **School of Languages**
   - Department of Foreign Languages
   - Department of Sanskrit
   - Department of Dogri and Other Native Languages
7. **School of Law**
   - Department of Law
8. **School of Visual and Performing Arts**
   - Department of Fine Arts
   - Department of Performing Art
   - Department of Indian Theater
   - Department of Music and Musicology
9. **School of Medical and Allied Sciences**
   - College of Medical Sciences
   - College of Dental Sciences
   - College of AYUSH Studies
   - College of Nursing
   - College of Physiotherapy
   - College of Pharmaceutical Sciences
   - College of Institutional Management and Die tics
   - College of Radiation Biology
10. **School of Engineering Sciences and Technology**
    - Department of Civil and Environmental Engineering
    - Department of Electrical Engineering
    - Department of Energy Technology
    - Department of Electronics and Communication Engineering
    - Department of Mechanical Engineering
    - Department of Aerospace Engineering
    - Department of Chemical Engineering and Chemical Technology
    - Department of Computer Engineering and Robotics
    - Department of Metallurgy and Mining Engineering
    - Department of Pharmaceutical Engineering
    - Department of Architecture
    - Department of Food Processing and Food Technology

11. **School of Life Sciences**
    Department of Microbiology
    Department of Biochemistry
    Department of Structural Biology
    Department of Aqaculture and Fisheries
    Department of Bio Technology and Genomics
12. **School of National Security Studies**
    Department of Internal Security
    Department of South Asian Studies
    Department of Western Himalayan Region
13. **School of Vocational Studies**
    Department of Apparel Production and Management
    Department of Fashion Retail Management and Preduction
    Department of Textile Designing
    Department of Pharmaceutical Sales Management
    Department of Security Operations and Disaster Management

a. Core / Elective options

Details of Core and Elective courses till session 2015 is furnished below :

1. M.Ed

Core Courses:

Course Code	Title
MEDU-101	Philosophical and Sociological Perspectives in Education
MEDU-102	Learner and Learning Process
MEDU-103	Methodology of Educational Research
MEDU-104	Statistical Methods for Data Analysis
MEDU-111	Preparation of Research Proposal
MEDU-201	Educational Technology
MEDU-202	Teacher Education
MEDU-203	Comparative Education: National and International Perspectives
MEDU-205	Dissertation

Elective Courses:

Course Code	Specialization (Any One)
MEDU-107	Guidance and Counselling
MEDU-108	Inclusive Education
MEDU-109	Curriculum Studies
MEDU-110	Planning , Management and Financing of Education

Integrated M.Phil- Ph. D (Education)

Course Code	Title
IMPEDU-101	Foundations of Education
IMPEDU-102	Advanced Educational Research Methodology
IMPEDU-103	Emerging Issues in Education
IMPEDU-104	Advanced Educational Technology

2. MBA – Tourism and Travel Management

Core Courses:

Course Code	Course Title
MTTM 301	Entrepreneurship Development in Tourism
MTTM 302	Tourism Product Designing & Development
MTT 303	Foreign Language-2 (French)
	MAJOR SPECIALIZATION -1
MTTM 304	Inbound Operation Management
MTTM 305	Outbound Operation Management
MTTM 306	MAJOR SPECIALIZATION -2
TT 01	Event Management
TT 02	Aviation Management
MTTM 307	MINOR SPECIALIZATION -1
TT 01	Travel Writing & Journalism
TT 02	Cross- Cultural Management
MTTM 308	MINOR SPECIALIZATION -2
TT 01	Adventure tourism Management
TT 02	Heritage Tourism Management
MTTM 309	Summer Training Report
MTTM 310	Viva Voce
MTTM 401	Dissertation Report
MTTM-402	On the Job Report
MTTM-403	Comprehensive Viva-Voce

Elective Courses:

Course Code	Course Title
MTTM 175	Tourism Concepts and Principles
MTTM 275	Sustainable Tourism and Environmental Management
MTTM 375	Entrepreneurship Development In Tourism
MTTM 475	Around the World

Integrated M.Phil-Ph.D. Programme (Tourism and Travel Management) :

Course Code	Course Title
IMPTTM- 101	Tourism Planning, Public Policy and Governance
IMPTTM- 102	Tourism, International Relations and Cultural Diplomacy
IMPTTM-103	Research Themes and Challenges in Tourism Studies
IMPTTM-104	Research Methodology and Computer Applications
2nd and 3rd Semester Shall be devoted to research work as per University Ordinances for Integrated M.Phil-Ph.D in Tourism and Travel Management	

3. M. A (Social Work)

Core courses:

Course Code	Course Title
MSW 101	Society, Polity and Economy
MSW 102	Human Psychology and Social Environment
MSW 103	Nature and Development of Social Work
MSW 104	Working with Individuals
MSW 105	Field Work Practicum
MSW 201	Working with Groups
MSW 202	Working With Communities
MSW 203	Research Methodology and Computer Applications
MSW 204	Social Work Administration
MSW 205	Field Work Practicum
MSW 301	Integrated Social Work Practice
MSW 302	Social Work with Marginal Groups
MSW 303	Social Legislations and Human Rights
MSW 304	Social Policy and Social Development
MSW 305	Field Work Practicum and Block Placement
MSW 401	Technology and Communication in Social Work
MSW 402	Gender and Social Work
MSW 403	Dissertation
MSW 404	Field Work Practicum

Elective courses:

Elective Pair		
Semester-III	MSW 306	Social Work in Health Care
Semester-IV	MSW 405	Mental Health
Elective Pair – II		
Semester-III	MSW 307	Human Resource Management
Semester-IV	MSW 406	Corporate Social Responsibility
Elective Pair – III		
Semester-III	MSW 308	Rural and Tribal Development
Semester-IV	MSW 407	Urban Development
Elective Pair – IV		
Semester-III	MSW 309	Social Work with Older Persons
Semester-IV	MSW 408	Social Work with Persons with Disability
Elective Pair – V		
Semester-III	MSW 310	Social Work with Families
Semester-IV	MSW 409	Child Protection
Elective Pair – VI		
Semester-III	MSW 311	Disaster Management
Semester-IV	MSW 410	Environment, Ecology and Social Work
Elective Pair – VII		
Semester-III	MSW 312	Social Exclusion and Inclusive Policy
Semester-IV	MSW 411	Social Work with Minorities

4. M.A (Public Policy and Public Administration)

Core Courses:

Course Code	Course Title
MPPA 101	Introduction to Public Administration
MPPA 102	Introduction to Public Policy
MPPA 103	Introduction to Governance
MPPA 104	Administrative Thinkers-I
MPPA 201	Administrative Thinkers -II
MPPA 202	Indian Polity and Administration
MPPA 203	Human Resource Administration
MPPA 204	Research Methodology
MPPA 301	Comparative Public Administration
MPPA 302	Public Financial Governance

Elective Courses :

One Elective from Group-A	
MPPA 303	Public Policy Concepts and Models
MPPA 304	Public Policy Analysis
MPPA 305	Globalization and Public Policy
One Elective from Group -B	
MPPA 306	Innovations in Governance
MPPA 307	Law, Ethics and Governance
MPPA 308	Measuring Governance
MPPA 401	Project Management
MPPA 402	Public Policy Clinic/Governance Lab Dissertation
One Elective from Group-A	
MPPA 403	Social Policy: State , Market And Society
MPPA 404	Public Policy: Case Studies
MPPA 405	Engaged Policy and Governance
One Elective from Group-B	
MPPA 406	e-Governance
MPPA 407	Urban Governance
MPPA 408	Rural Governance

Integrated M.Phil-Ph.D (Public Policy and Public Administration) and Part time Ph.D (Public Policy and Public Administration)

Course Code	Course Title
IMPPA 101	Research Methodology and Computer Applications
IMPPA 102	Public Administration: Theoretical Perspectives
IMPPA 103	Public Policy: Theoretical Perspectives
IMPPA 104	Public Systems Governance

5. MBA (Human Resource Management)

Core Courses:

Course code	Course Title
MHRM 101	Management Fundamentals
MHRM 102	Managerial Economics
MHRM 103	Accounting for Management
MHRM 104	Marketing Management
MHRM 105	Human Resource Management
MHRM 106	Communication for Professional Excellence
MHRM 107	Information Technology for Management
MHRM 201	Corporate Ethics and Environment
MHRM 202	Financial Management
MHRM 203	Quantitative Techniques for Business
MHRM 204	Industrial Relations
MHRM 205	Production Management
MHRM 206	Strategic Management
MHRM 207	Individual and Group Behaviour in Organization
MHRM 301	Industrial/Organizational Psychology
MHRM 302	Strategic Human Resource Management
MHRM 303	Strategic Compensation Management
MHRM 304	Labour Laws and Legal Aspects of Human Resources
MHRM 305	Personal Effectiveness and Self Leadership
MHRM 306	Summer Project Report
MHRM 401	HR Research Methods
MHRM 402	Training and Development
MHRM 403	Human Resource Information Systems
MHRM 404	Organization Development and Change
MHRM 405	Talent Management

Elective courses- MBA- HRM:

MHRM 308	International HRM
MHRM 309	Managerial Competencies and Career Development
MHRM 310	Power Dynamics and Impression Management
MHRM 311	Team Building and Leadership
MHRM 312	Managing Diversity
MHRM 407	Conflict Resolution and Collective Bargaining
MHRM 408	Counselling, Coaching and Mentoring
MHRM 409	HR in Composite Cultural Environment
MHRM 410	Competency Mapping
MHRM 411	Legal Aspects of Business

Integrated M. Phil- Ph.D Programme:

IMPHRM 101	Global Strategic Management
IMPHRM 102	Contemporary Issues in People Management
IMPHRM 103	Industrial Relation & Labour Laws
IMPHRM 104	Research Methodology and Computer Applications
IMPHRM 105	Applied Statistics

6. M. A. (Economics)

Core Courses:

Course Code	Course Title
Meco -101	Microeconomic Theory
Meco -102	Macroeconomic Theory
Meco -103	Classical Political Economy
Meco -104	Mathematics for Economics
Meco -201	Microeconomic Theory and Applications
Meco -202	Development Issues and Indian Economy
Meco -203	Public Finance
Meco -204	Statistical Methods
Meco -301	Theory of Cycles and Growth
Meco -302	Theory and Issues in International Economics
Meco -303	Econometrics
Meco -304	Research Methodology and Computer Applications in Economics
Meco-401	Human Development
Meco-402	Gender and Development
Meco-403	Economics of Education
Meco-404	Health Economics
Meco-405	Mathematical Economics
Meco-406	Applied Econometrics
Meco-407	Comparative Development Experience of India and China

Meco-408	Jammu and Kashmir State Economy
Meco-409	Environment and Natural Resource Economics
Meco-410	Energy Economics
Meco-411	Agricultural Economics
Meco-412	Rural Development
Meco-413	Industrial Economics
Meco-414	Labour Economics
Meco-415	Indian Public Finance
Meco-416	Indian Financial Sector

University wide Elective Course for students other than M.A (Economics)

Course Code	Course Title
Meco-175	Introduction to Indian Economy
Meco-275	Development Issues in Indian Economy
Meco-375	Money Banking and Finance
Meco-475	World Economy

Integrated M. Phil. - Ph.D (Economics)

Course Code	Course Title
IMPeco–101	Advanced Microeconomics
IMPeco–102	Advanced Macroeconomics
IMPeco–103	Applied Development Economics
IMPeco–104	Research Methodology and Computer Applications in Economics

7. Integrated M.Sc. (Computer Science-MCA)

Core courses:

Course Code	Course Title
MCSA 101	Programming Methodology and C Language
MCSA 102	Computer Organization And Architecture
MCSA 103	Operating System
MCSA 104	Database Management Systems
MCSA 150	Laboratory- Practical's based on MCSA101 & MCSA104
MCSA 201	Data structures using C
MCSA 202	Object Oriented Programming Using C ++
MCSA 203	Computer Networks And Data Communication
MCSA 204	Discrete Mathematics
MCSA 250	Laboratory- Practical's based on MCSA201 & MCSA202
MCSA 301	Analysis & Design of Algorithms
MCSA 302	Internet & Java Programming
MCSA 303	Theory of Computation
MCSA 304	Software Engineering
MCSA 350	Laboratory- Practical's based on MCSA301 & MCSA302
MCSA 401	Advance Technology(.NET Programming)
MCSA 402	Computer Graphics
MCSA 403	Artificial Intelligence
MCSA 450	Minor Project
MCSA 501	Neural Networks And Genetic Algorithms
MCSA 502	Data Warehousing And Data Mining
MCSA 503	Network Security & Cryptography
MCSA 550	Laboratory- Practical's based on MCSA501,MCSA502 & MCSA503
MCSA 600	Major Project

Elective courses:

Elective-I	**Course title**
MCSA411	Probability and Statistics
MCSA412	Numerical Computing
MCSA413	Microprocessors
MCSA414	Computer Based Optimization Techniques
MCSA415	Compiler Design
MCSA416	Information System
Elective-II	
MCSA511	Image Processing
MCSA512	Mobile Computing
MCSA513	Grid And Cloud Computing
MCSA514	Advanced Database Systems
MCSA515	Parallel Processing And Distributed Systems
MCSA516	Simulation and Modeling

8. M.A (Mass Communication and New Media)

Core Courses:

Course Code	Course Title
MCNM 101	Mass Communication: Concepts and Theories
MCNM 102	Introduction to Journalism
MCNM 103	Print Media: Reporting and Editing
MCNM 104	Contemporary Issues and Concerns in Media
MCNM 201	New Media & Digital Journalism
MCNM 202	Broadcast Journalism
MCNM 203	Advertising and Corporate Communication
MCNM 204	Media Laws and Ethics
MCNM 301	Newspaper Layout and Production Techniques
MCNM 302	Media Research and Methodology
MCNM 303	Audio-Visual Production
MCNM401	Internship
MCNM 402	Dissertation
MCNM 403	Development Communication

Elective courses:

Course Code	Course Title
MCNM 304	Advance Print Journalism
MCNM 305	Ad agency functioning & account management
MCNM 308	Digital Media and Web
MCNM 404	Creativity and campaign planning
MCNM 405	Television and Radio Production
MCNM 406	Documentary Production

9. M. A. (English and Comparative Literature)

Core Courses:

Course Code	Course Title
MECL 101	Poetry I
MECL 102	Drama I
MECL 103	Literary Criticism I
MECL 201	American Literature
MECL 202	Indian Literature in English
MECL 203	Literary Criticism
MECL 204	Poetry of the Nineteenth Century
MECL 301	Twentieth Century Literature in English
MECL 302	Comparative Literature
MECL 303	Literary Theory I
MECL 401	Indian Novel in English Translation C
MECL 402	Writers of the Diaspora Core 4
MECL 403	Literary Theory II

Elective Courses:

Course Code	Course Title
MECL 104	Fiction I
MECL 105	English for Specific Purposes
MECL 205	Gender in English
MECL 304	New Literatures in English
MECL 305	English Language Teaching
MECL 404	American Literature II
MECL 405	Linguistics

10. M. Sc. (Applied Mathematics)

Core Courses:

Course code	Course Name
MAMT-102	Discrete mathematics
MAMT-103	Ordinary Differential Equations with Applications
MAMT-104	Numerical Analysis
MAMT-105	Programming in C
MAMT-107	Real Analysis
MAMT-201	Topology
MAMT-203	Partial Differential Equations
MAMT-204	Modern Algebra with Applications
MAMT-205	Optimization techniques
MAMT-207	Complex Analysis
MAMT-301	Functional Analysis
MAMT-302	Linear Algebra and MATLAB
MAMT-303	Finite Fields and Coding Theory
MAMT-304	Applied Fourier Analysis
MAMT-305	Applied Statistics
MAMT-306	Fundamentals of Data Processing
MAMT-307	Differential Geometry with Applications
MAMT-308	Mechanics
MAMT-309	Simulation and Mathematical Modelling
MAMT-401	Advanced Optimization Techniques
MAMT-402	Applied Operator Theory
MAMT-403	Galios Theory
MAMT-404	Cryptography
MAMT-405	Mathematical Biology
MAMT-406	Digital Signal Processing
MAMT-407	Econometrics
MAMT-408	Time Series and Stochastic Process

MAMT-409	Complex Dynamical Systems
MAMT-410	Fluid Mechanics
MAMT-411	Computational Fluid Dynamics
MAMT-412	Numerical Methods for Partial Differential Equations
MAMT-413	Computer Aided Geometric Designs
MAMT-414	Neuro computing
MAMT-415	Graphics and Visualization
MAMT-416	Financial Mathematics
MAMT-417	Mathematical Control Theory
MAMT-418	Neural Networks and Fuzzy Systems
MAMT-419	Wavelets Analysis with Applications
MAMT-450	Project Work

*In Semester I and II, all courses are compulsory and in Semester III and IV, any five courses have to be opted from the different courses offered by the department of Applied Mathematics

Integrated M.Phil- Ph. D (Mathematics):

Course code	Course Name
IMPMAT-701	Advanced Analysis
IMPMAT-702	Composition Operators and Geometric Function Theory
IMPMAT-703	Commutative Algebra
IMPMAT-704	Research Methodology

From Session 2015 onwards

Choice based credit system has been adopted as per the UGC Guidelines in all programmes offered by the university from Session 2015 onwards. The detailed list of notified courses for 1st Semester across various programmes is furnished below for reference:

MBA – Tourism and Travel Management

Course Code	Course Title	Credit	Total
	CORE COURSES		
PGTTM1C001T	Management Process and Organizational Behaviour	4	100
PGTTM1C002T	Tourism Concepts and Principles	4	100
PGTTM1C003T	Tourism Geography and Destination Knowledge	4	100
PGTTM1C004T	Statistics for Management	4	100
PGTTM1C005T	Travel Agency Management and Tour Operations	4	100
PGTTM1C006P	Seminar Course	2	50
PGTTM1C007V	Viva Voce	2	50
	FOUNDATION COURSE		
PGTTM1F008T	Communication for Professional Excellence	4	100
	Total	**28**	**700**

MBA (Human Resource Management)

Course Code	Course Title	Credit	Max. Marks
	CORE COURSES		
PGHRM1C001T	Organisational Behaviour	4	100
PGHRM1C002T	Human Resource Management	4	100
PGHRM1C003T	Quantitative Techniques	4	100
PGHRM1C004T	Managerial Economics	4	100
PGHRM1C005T	Management Accounting	4	100
PGHRM1C006V	Viva Voce	2	50
	FOUNDATION COURSE		
PGHRM1F007T	Foundation I (Communication for Professional Excellence-I)	2	50

M. Sc. (Applied Mathematics)

Course Code	Course Title	Credit	Total
	CORE COURSES		
PGAMT1C001T	Real Analysis	4	100
PGAMT1C002T	Discrete Mathematics	4	100
PGAMT1C003T	Ordinary Differential Equations with Applications	4	100
PGAMT1C004T	Numerical Analysis	4	100
	ELECTIVE-I (DISCIPLINE)		
PGAMT1E005T	Programming in C	4	100
	FOUNDATION COURSE (Compulsory-I)		
PGAMT1F006T	Introduction to Set Theory	2	50
Total		**22**	**550**

M. A (English and Comparative Literature)

Course Code	Course Title	Credit	Total Marks
	CORE COURSES		
PGECL1C001T	Poetry (14th-20th century)	4	100
PGECL1C002T	Drama (16th-20th century)	4	100
PGECL1C003T	Literary Criticism (Western)	4	100
	ELECTIVE COURSE		
PGECL1E004T	Fiction (18th-20th century)	4	100
	FOUNDATION COURSE		
PGECL1F005T	Cultural Background to English Literature	4	100
Total		**20**	**500**

M.A (National Security Studies)

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Mark
	CORE COURSES					
PGNSS1C001T	**India's Foreign Policy**	4	25	25	50	100
PGNSS1C002T	Disaster Management and National Security	4	25	25	50	100
PGNSS1C003T	Disarmament and Peace Studies	4	25	25	50	100
	FOUNDATION COURSE					
PGNSS1F004T	Introduction to International Relations	4	25	25	50	100
PGNSS1F005T	Communication Skills Development (**ELECTIVE**)	2	25	25	50	100
Total		**18**				**500**

M.Sc. (Environmental Sciences)

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGEVS1C001T	Environmental Chemistry	4	25	25	50	100
PGEVS1C002T	Principles of Ecology	4	25	25	50	100
PGEVS1C003T	Fundamentals of Earth Science	4	25	25	50	100
PGEVS1C004L	Lab Course-I	4	40	-	60	100
	ELECTIVE COURSES (ANY ONE)					
PGEVS1E005T	Natural Resource Management	4	25	25	50	100
PGEVS1E006T	Solid Waste Management	4	25	25	50	100
PGEVS1E007T	Environmental Geoscience	4	25	25	50	100
	FOUNDATION COURSES					
PGEVS1F008T	Environmental Awareness, Planning and Laws	2	12.5	12.5	25	50
Total		**22**				**550**

M. A (Economics)

Course Code	Course Title	Credit	Total Marks
	CORE COURSES		
PGECO1C001T	Microeconomic Theory	4	100
PGECO1C002T	Mathematics for Economics	4	100
PGECO1C003T	Statistical Methods	4	100
	ELECTIVE COURSES (ANY ONE)		
PGECO1E004T	Classical Political Economy	4	100
PGECO1E005T	Economic History of India	4	100
	FOUNDATION COURSES		
PGECO1F006T	Fundamentals of Computers	4	100
Total		**20**	**500**

M. A (Social Work)

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	FOUNDATION COURSE					
PGSSW1F001T	Social Science Foundation for Social Work	4	25	25	50	100
PGSSW1F002T	Psychology for Social Work	4	25	25	50	100
	CORE COURSES					
PGSSW1C003T	Social Work Profession	4	25	25	50	100
PGSSW1C004T	Theory and Skills of Working with Individuals	4	40	-	60	100
PGSSW1C005F	Field Work Practicum-I	8	-	-	-	200
Total		**24**				**600**

M.A (Public Policy and Public Administration)

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGPPA1C001T	Introduction to Public Policy	4	25	25	50	100
PGPPA1C002T	Introduction to Governance	4	25	25	50	100
PGPPA1C003T	Administrative Thinkers-I	4	25	25	50	100
	ELECTIVE COURSES (ANY ONE)					
PGPPA1E001T	Indian Constitution, Social Justice and Administration	4	25	25	50	100
PGPPA1E002T	Rural Governance	4	25	25	50	100
FOUNDATION COURSE (Compulsory)						
PGPPA1F001T	Introduction to Public Administration	4	25	25	50	100
Total		**20**				**500**

M. A (Mass Communication and New Media)

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGMCM1C001T	Mass Communication and Concepts & Theories	4	25	25	50	100
PGMCM1C002T	Print Media: Reporting and Editing	4	25	25	50	100
PGMCM1C003T	Contemporary Issues and Concerns in Media	4	25	25	50	100
	ELECTIVE COURSES					
PGMCM1E001T	Effective Communication	4	25	25	50	100
	FOUNDATION COURSE					
PGMCM1F001T	Introduction to Journalism	2	12.5	12.5	25	50
Total		**18**	**112.5**	**112.5**	**225**	**450**

M. Ed.

Course Code	Course Title	Credit	L:T:P	Total Marks
PGEDU1COO1T	**CORE COURSES**			
PGEDU1COO2T	Philosophical Perspectives in Education	4	3:1:0	100
PGEDU1COO3T	Learner and Learning Process	4	2:1:1	100
PGEDU1COO4T	Methodology of Educational Research	4	3:1:0	100
	ELECTIVE COURSES (ANY ONE)			
PGEDU1EOO1T	Elementary Education	4	3:1:0	100
PGEDU1EOO2T	Pedagogic in Teaching	4	3:1:0	100
PGEDU1EOO3T	History of Indian Education	4	3:1:0	100
	FOUNDATION COURSE			
PGEDU1FOO1T	Skills in Teaching	2	0:0:2	50

Integrated M.Sc. (Physics)

Course Code	Course Title	Credit	MSA	CIA	ESE	Total
	CORE COURSES					
ICPHY1C001T	Physics-I (Mechanics and Thermodynamics)	4	25	25	50	100
ICPHY1C002L	Physics Lab-I	2	-	25	25	50
ICCHM1C001T	Chemistry-I	4	25	25	50	100
ICCHM1C001L	Chemistry Lab-I	2	25	25	25	100
ICMAT1C001T	Mathematics-I	4	25	25	50	100
ICENG1C001T	English	4	25	25	50	100
	Total	**24**				**550**

Integrated M.Sc. (Chemistry)

Course Code	Course Title	Credit	MSA	CIA	ESE	Total
	CORE COURSES					
ICCHM1C001T	Chemistry-I	4	25	25	50	100
ICCHM1C002L	Chemistry Lab-I	2	-	25	25	50
ICPHY1C001T	Physics-I	4	25	25	50	100
ICBOT1C001T	Botany-I	2	25	25	25	100
ICMAT1C001T	Mathematics-I	4	25	25	50	100
ICZOL1C001T	Zoology-I	4	25	25	50	100
ICENG1C001T	English	4	25	25	50	100
	INTERDISCIPLINARY					
ICPHY1I002L	Physics Lab-I	2	-	25	50	100
ICBOT1I002L	Botany Lab-I					
ICZOL1I002L	Zoology Lab-1					
	Total	**24**				**750**

M.A (National Security Studies)

SEMESTER-1st

Course Code	Course Title	Credit	MSA	CIA	ESE	Total
	CORE COURSES					
PGNSS1C001T	Evolution of Security Studies	4	25	25	50	100
PGNSS1C002T	Introduction to International Relations	4	25	25	50	100
PGNSS1C003T	Internal Security in India	4	25	25	50	100
	ELECTIVE (DISCIPLINE)					
PGNSS1E001T	Disarmament and Peace Studies	4	25	25	50	100

FOUNDATION COURSE						
PGNSS1F001T	Indian Security Establishment	2	12.5	12.5	25	50
Total		**18**				**450**

SEMESTER-2nd

Course Code	Course Title	Credit	MSA	CIA	ESE	Total
	CORE COURSES					
PGNSS2C001T	Security Sector Governance and Management	4	25	25	50	100
PGNSS2C002T	Globalizaton and Geo-Politcs	4	25	25	50	100
PGNSS2C003T	India's Foreign Policy	4	25	25	50	100
	ELECTIVE (DISCIPLINE)					
PGNSS2E001T	State and Politcs in Pakistan	4	25	25	50	100
	FOUNDATION ELECTIVE/SKILL BASED					
PGNSS2F001T	Sof Skills Development	2	12.5	12.5	25	50
Total		**18**				**450**

SEMESTER - 3rd

Course Code	Course Title	Credit	MSA	CIA	ESE	Total
	CORE COURSES					
PGNSS3C001T	Strategic thought and State Craf	4	25	25	50	100
PGNSS3C002T	Research Methodology	4	25	25	50	100
PGNSS3C003T	Warfare in the 21st Century	4	25	25	50	100
	ELECTIVE (INTERDISCIPLINARY)					
PGNSS3I001T	India's Natonal Security: Issues and Concerns	4	25	25	50	100
	FOUNDATION ELECTIVE/SKILL BASED					
PGNSS3F001T	Communicaton Skills Development and Computer Applicatons	2	12.5	12.5	25	50

	ELECTIVE (DISCIPLINE)					
PGNSS3E001T	Contemporary China	4	25	25	50	100
Total		**22**				**550**

SEMESTER - 4th

Course Code	Course Title	Credit	MSA	CIA	ESE	Total
	CORE COURSES					
PGNSS4C001T	Conflict Analysis and Resolution	4	25	25	50	100
PGNSS4C002T	Gender, Conflict and Security	4	25	25	50	100
PGNSS4C003T	Border Security Management Practces in India	4	25	25	50	100
PGNSS4D003T	Dissertaton	4				100
	ELECTIVE (INTERDISCIPLINARY)					
PGNSS4I001T	Military History of India	4	25	25	50	100
	FOUNDATION ELECTIVE/SKILL BASED					
PGNSS4F001T	India and its Neighbours	2	12.5	12.5	50	100
Total		**22**				**550**

Integrated M.Sc. (Botany)

Course Code	Course Title	Credit	MSA	CIA	ESE	Total
	CORE COURSES					
ICBOT1C001T	Plant Morphology	4	25	25	50	100
ICBOT1C002L	Plant Morphology Lab	2	-	25	25	50
ICCHM1C001T	Chemistry-I	4	25	25	50	100
ICCHM1C002L	Chemistry Lab-I	2	-	25	25	50
ICZOL1C001T	Animal Diversity-I (Invertebrata)	4	25	25	50	100
ICZOL1C002L	Animal Diversity Lab-I	2	-	25	25	50
	FOUNDATION COURSE	4	25	25	50	100
ICBOT1F001T		4	25	25	50	100
	Total	**26**				**650**

Integrated M.Sc. (Zoology)

Course Code	Course Title	Credit	MSA	CIA	ESE	
	CORE COURSES					
ICZOL1C001T	Animal Diversity-I (Invertebrata)	4	25	25	50	100
ICZOL1C002L	Animal Diversity Lab-I	2	-	25	25	50
ICCHM1C001T	Chemistry-I	4	25	25	50	100
ICCHM1C002L	Chemistry Lab-I	2	-	25	25	50
ICBOT1C001T	Plant Morphology	4	25	25	50	100
ICBOT1C002L	Plant Morphology Lab	2	-	25	25	50
ICZOL1F001T	**FOUNDATION COURSE**	4	25	25	50	100
	INTERDISCIPLINARY ELECTIVE	4	25	25	50	100
	Total	**26**				**650**

MBA (Supply Chain Management)

SEMESTER - 1st

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGSCM1C001T	Management Processes and Organizatonal Behaviour	4	25	25	50	100
PGSCM1C002T	Essentals of Marketng Management	4	25	25	50	100
PGSCM1C003T	Accountng for Managers with Applicaton Sofware	4	25	25	50	100
PGSCM1C004T	Managerial Economics	4	25	25	50	100
PGSCM1C005T	Statstcal Analysis for Managers	4	25	25	50	100
PGSCM1C006T	Applicaton tools for Managers	2	25	25	--	50
PGSCM1C007T	Communicaton and Personality Development	2	12.5	12.5	25	50
Total		**24**	**325**		**275**	**600**
An Industry oriented workshop for (36 hours) to be conducted during Semester-I						

SEMESTER - 2nd

	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGSCM2C001T	Human Resource Management	4	25	25	50	100
PGSCM2C002T	Financial Management	4	25	25	50	100
PGSCM2C003T	Operatons Management	4	25	25	50	100
PGSCM2C004T	Marketng Management	4	25	25	50	100
PGSCM2C005T	Essentals of Supply Chain Management	4	25	25	50	100
PGSCM2C006T	Research Methods in Business	4	25	25	50	100
PGSCM2C007T	Business Environment and Ethics	2	12.5	12.5	25	50

Industrial Training in Marketng/Supply Chain Management for 40-45 days during summer break					
Total		**26**	**325**	**325**	**650**
An Industry oriented workshop for 36 hours to be conducted during Semester –II. Students would undergo Industry Oriented Internship at designated Industry for 40-45 days.					

Interdisciplinary courses for undergraduate courses Semester-I

	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
UGSCM1I001T	Principles of Management	4	25	25	50	100
UGSCM1I002T	Organizaton behaviour	4	25	25	50	100

Interdisciplinary courses for undergraduate courses Semester-II

	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
UGSCM12I003T	Principles of Marketng	4	25	25	50	100
UGSCM12004T	Principles of Supply Chain Management	4	25	25	50	100

M.Tech (Computer Science & Technology)

SEMESTER - 1st

Course Code	Course Title	Credits	Total Marks
	CORE COURSES		
PGMTH1C001T	Design and Analysis of Advanced Algorithm	4	100
PGMTH1C002T	Advanced Web Technologies	4	100
PGMTH1C003T	Advanced Operatng Systems	4	100
PGMTH1C004L	Computing Lab-1 (Practcal based on core courses)	6	150
	ELECTIVE-I (ANY ONE)		
PGMTH1E001T	Parallel & Distributed Computng	4	100
PGMTH1E002T	Network Security &Cryptography	4	100
PGMTH1E003T	Advanced Data Mining &Warehousing	4	100
PGMTH1E004T	Wireless and mobile networks	4	100
PGMTH1E005T	Operaton Research	4	100

PGMTH1E006T	Open Source Technologies	4	100
	FOUNDATION (COMPULSORY)		
PGMTH1F001T	Statstcal Methods for Computer Science	2	50
Total		**24**	**600**

2nd SEMESTER (May 2017, 2018, 2019)

Course Code	Course Title	Credits	Total Marks
	CORE COURSES		
PGMTH2C001T	Cyber Security	4	100
PGMTH2C002T	Big Data Analytcs	4	100
PGMTH2C003T	Cloud & Grid Computng	4	100
PGMTH2C004L	Computng Lab-2(Practcal based on core courses)	6	150
	ELECTIVE-II (ANY ONE)		
PGMTH2E001T	Object Oriented Analysis & Design	4	100
PGMTH2E002T	Advanced Computer Architecture	4	100
PGMTH2E003T	Simulaton & Modelling	4	100
PGMTH2E004T	Digital Image processing	4	100
PGMTH2E005T	Computatonal Intelligence	4	100
PGMTH2E006T	SMAC & Internet of Things	4	100
	FOUNDATION ELECTIVE-I (SKILL BASED) ANY ONE		
PGMTH2F001T	Design and Installaton of Computer networks	2	50
PGMTH2F002T	Oracle Database development	2	50
Total		**24**	**600**

3rd SEMESTER (Dec 2017, 2018, 2019)

Course Code	Course Title	Credits	Total Marks
	CORE COURSES		
PGMTH3C001T	Soft Computing Techniques	4	100
PGMTH3C002T	Advanced Sofware Engineering	4	100
PGMTH3C003T	Biometrics & Patern Recogniton	4	100

PGMTH3C004L	Computng Lab-3 (Practcal based on core courses)	4	100
PGMTH3C005D	Dissertaton Part-A	2	50
	INTERDISCIPLINARY ELECTIVE (ELECTIVE OFFERED BY OTHER DEPARTMENTS)	4	100
	FOUNDATION ELECTIVE-II (ANY ONE) SKILL BASED		
PGMTH3E001T	Smartphone Computing and Applications	2	50
PGMTH3E002T	Scientific Computing	2	50
PGMTH3E003T	Computer Animation	2	50
Total		**24**	**600**

4th SEMESTER (May 2018, 2019, 2020)

Course Code	Course Title		
	CORE COURSES	**Credits**	**Total Marks**
PGMTH4C001D	Dissertaton Part-B	20	500
	INTERDISCIPLINARY ELECTIVE (ELECTIVE OFFERED BY OTHER DEPARTMENTS)	4	100
Total		**24**	**600**

Integrated M.Sc. (Computer Science - MCA)

Semester-3rd (Dec. 2016, Dec. 2017, Dec. 2018)

Course Code	Course Title		
	CORE COURSES	**Credits**	**Total Marks**
PGCSA3C001T	Data Communicaton and Networks	4	100
PGCSA3C002T	Database Management System	4	100
PGCSA3C003T	Design and Analysis of Alogrithms	4	100
PGCSA3C004L	Lab Based on DBMS & Design and analysis of Alogrithms	8	200
INTERDISCIPLINARY OFFERED BY OTHER DEPARTMENTS		4	100
	FOUNDATION ELECTIVE-II (SKILL BASED) ANY ONE		
PGCSA3E001T	E-Commerce	2	50
PGCSA3E002T	Cyber Security	2	50
PGCSA3E003T	Multmedia	2	50
Total		**26**	**650**

SEMESTER - 4th (May 2017, May 2018, May 2019)

Course Code	Course Title		

	CORE COURSES	Credits	Total Marks
PGCSA4C001T	Theory of Computation	4	100
PGCSA4C002T	Microprocessors and Interfacing	4	100
PGCSA4C003T	Dot Net Technology using C#	4	100
PGCSA4C004P	Minor Project	8	200
INTERDISCIPLINARY OFFERED BY OTHER DEPARTMENTS		4	100
	FOUNDATION COMPULSORY-II (Skill Based)		
PGCSA4F001T	Open Source Technologies	2	50
Total		**26**	**650**

SEMESTER - 5th (Dec. 2017, Dec. 2018, Dec. 2019)

Course Code	Course Title	Credits	Total Marks
	CORE COURSES		
PGCSA5C001T	Compiler Design	4	100
PGCSA5C002T	Artfcial Intelligence	4	100
PGCSA5C003T	Computer Graphics	4	100
PGCSA5C004L	Lab of Computer Graphics & Artificial Intelligence	8	200
	ELECTIVE-III (ANY ONE)		
PGCSA5E001T	ADBMS	4	100
PGCSA5E002T	Network Security	4	100
PGCSA5E003T	Soft Computing	4	100
Total		**24**	**600**

SEMESTER - 6th (May 2018, May 2019, May 2020)

Course Code	Course Title	Credits	Total Marks
PGMTH6C001P	Project Work	24	600

M.Sc. (Environmental Science)

SEMESTER -1st

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGEVS1C001T	Environmental Chemistry	4	25	25	50	100

PGEVS1C002T	Principles of Ecology	4	25	25	50	100
PGEVS1C003T	Fundamentals of Earth Science	4	25	25	50	100
PGEVS1C004L	Lab Course-I	4	40	-	60	100
	ELECTIVE COURSES (ANY ONE)					
PGEVS1E005T	Natural Resource Management	4	25	25	50	100
PGEVS1E006T	Solid Waste Management	4	25	25	50	100
PGEVS1E007T	Environmental Geoscience	4	25	25	50	100
PGEVS1E008T	Introducton to Atmospheric Environment	4	25	25	50	100
	FOUNDATION COURSE					
PGEVS1F008T	Environmental Awareness, Planning and Laws	2	12.5	12.5	25	50
Total		**22**				**550**

SEMESTER-2nd

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGEVS2C001T	Instrumentaton and Analytcal Techniques	4	25	25	50	100
PGEVS2C002T	Mountain Ecology	4	25	25	50	100
PGEVS2C003T	Energy Resources	4	25	25	50	100
PGEVS2C004L	Lab Course-II	4	40	-	60	100
	ELECTIVE COURSES (ANY ONE)					
PGEVS2E005T	Biodiversity and its Conversaton (pre-requisite PGEVS1E005T)	4	25	25	50	100
PGEVS2E006T	Energy from Wastes/By-products, and Biofuels (pre-requisite PGEVS1E006T)	4	25	25	50	100
PGEVS2E007T	Geochemistry (pre-requisite PGEVS1E007T)	4	25	25	50	100
PGEVS2E008T	Advances in Atmospheric Environment (pre-requisite PGEVS1E009T)	4	25	25	50	100

	FOUNDATION COURSES					
PGEVS2F008T	Mitgaton and Management of Natural and Man-Made Disasters	2	12.5	12.5	25	50
Total		**22**				**550**

SEMESTER-3rd

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGEVS3C001T	Environmental Technology	4	25	25	50	100
PGEVS3C002T	Environmental Polluton and Control	4	25	25	50	100
PGEVS3C003T	Atmospheric Science and Climate Change	4	25	25	50	100
PGEVS3C004L	Lab Course-III	4	40	-	60	100
	FOUNDATION COURSE					
PGEVS3F005T	Remote Sensing and GIS	2	12.5	12.5	25	50
	INTERDISCIPLINARY COURSE					
PGEVS3I006T	Introduction to Ecology and Environmental Sciences	4	25	25	50	100
Total		**22**				**550**

SEMESTER-4th

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGEVS4C001T	Environmental Impact Assessment	4	25	25	50	100
PGEVS4C002T	Environmental Management System	4	25	25	50	100
PGEVS4C003T	Aquatic Ecosystems	4	25	25	50	100
PGEVS4C004	Project Work	5	-	-	12	125

PGEVS4C005F	Field Trip	2	-	-	50	50
PGEVS4C006S	Credit Seminar	1	-	-	25	25
	FOUNDATION (ELECTIVE) COURSE					
PGEVS4F005T	Concepts of Ecotoxicology	2	12.5	12.5	25	50
	INTERDISCIPLINARY COURSE (ANY ONE)					
PGEVS4I006T	Environmental Policies, Laws and Ethics	4	25	25	50	100
PGEVS4I007T	Current Environmental Issues and Concerns					
Total		**26**				**650**

M.A (Public Policy and Public Administration)

SEMESTER - 1st

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGPPA1C001T	Introducton to Public Administraton	4	25	25	50	100
PGPPA1C002T	Introducton to Public Policy	4	25	25	50	100
PGPPA1C003T	Administratve Thinkers-I	4	25	25	50	100
	ELECTIVE COURSES (ANY ONE)					
PGPPA1E001T	Urban Governance	4	25	25	50	100
PGPPA1E002T	Rural Governance	4	25	25	50	100
	FOUNDATION COMPULSORY (Ability Enrichment)					
PGPPA1F001T	Indian Consttuton, Social Justce and Administraton	4	25	25	50	100
Total		**20**				**500**

SEMESTER - 2nd

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGPPA2C001T	Public Policy- Concepts & Models	4	25	25	50	100
PGPPA2C002T	Governance-Concepts & Issues	4	25	25	50	100
PGPPA2C003T	Administratve Thinkers-II	4	25	25	50	100
	ELECTIVE COURSES (ANY ONE)					
PGPPA2E001T	Globalizaton and Public Policy	4	25	25	50	100
PGPPA2E002T	E-Governance	4	25	25	50	100
	FOUNDATION ELECTIVE (Skill Based)					
PGPPA2F001T	Statstcal Methods and Computer Applicatons	4	25	25	50	100

SEMESTER - 3rd

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGPPA3C001T	Comparatve Public Administraton	4	25	25	50	100
PGPPA3C002T	Research Methodology	4	25	25	50	100
PGPPA3C003T	Human Resource Administration	4	25	25	50	100
ELECTIVE COURSES (INTERDISCIPLINARY)						
PGPPA3I001T	Local Governance in India	4	25	25	50	100
FOUNDATION ELECTIVE (SKILL BASED)						
PGPPA3F001T	Financial Administraton	4	25	25	50	100
ELECTIVE (IN PLACE OF DISSERATION)						
PGPPA3E001T	Law Ethics and Governance	4	25	25	50	100
PGPPA3E002T	Engaged Public Policy and Governance	4	25	25	50	100
PGPPA3E003T	Public Policy: Case Studies	4	25	25	50	100
Total		**24**				**600**

SEMESTER - 4th

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	CORE COURSES					
PGPPA4C001T	Public Policy Analysis	4	25	25	50	100
PGPPA4C002T	Social Policy: State, Market & Society	4	25	25	50	100
PGPPA4C003T	Innovations in Governance	4	25	25	50	100
PGPPA4C004D	DISSERTATION	4				100
ELECTIVE COURSES (INTERDISCIPLINARY)						
PGPPA4I001T	E-Government	4	25	25	50	100
FOUNDATION COMPULSORY (Ability Enrichment)						
PGPPA4F001T	Measuring Governance	4	25	25	50	100
Total		**24**				**600**

B.Voc. (Tourism Management)

NSQF Level 4 : Certificate (Tourism Management)
Job Role(s) : Tour Executive
SEMESTER - 1st

Course Code	Course Title	Credit	Max. Marks
	Skill Component		
UGBVT1S001T	Communicaton and Soft Skills Development-1	4	100
UGBVT1S002T	Basics of Travel Agency and Tour Operatons	4	100
UGBVT1S003T	Professional Excellence in Tourism-1	4	100
UGBVT1S004F	Industry Field Visit and Report	4	100
UGBVT1S005T	Basic Concepts of Tourism	2	50
	General Education Component		
UGBVT1G001T	Exposure to Foreign Language-1 (French)	4	100
UGBVT1G002T	Office Applicatons in Tourism	4	100
UGBVT1G003T	Tourism Product and Services	4	100
	Total	**30**	**750**

NSQF Level 5: Diploma (Tourism Management)
Job Role(s): Meeting, Conference & Event Planner
SEMESTER - 2nd

Course Code	Course Title	Credit	Max. Marks
	Skill Component		
UGBVT2S001T	Basics of Event Management	4	100
UGBVT2S002T	Professional Excellence in Tourism-2	4	100
UGBVT2S003T	Customer Relatonship Management in Tourism	2	50
UGBVT2S004T	Summer Internship (6 Weeks)	8	200

Course Code	Course Title	Credit	Max. Marks
	General Education Component		
UGBVT2G001T	Exposure to Foreign Language-II (French)	4	100
UGBVT2G002T	Tourism Sales & Marketng	4	100
UGBVT2G003T	Basic Accountancy in Tourism	4	100
	Total	**30**	**750**

Scheme for NQSF Level 6: Advance Diploma (Tourism Management)
Job Role(s): Tour Manager
SEMESTER - 3rd

Course Code	Course Title	Credit	Max. Marks
	General Education Component		
UGBVT3G001T	Tourism Law	4	100
UGBVT3G002T	Technology for Tourism Accounting - Tally	4	100
UGBVT3G003T	Automation in Tourism Industry	4	100
UGBVT3G004T	Supervisory Skills in Tourism	4	100
UGBVT3G005T	Tourism Geography	4	100
UGBVT3G006T	Tourism Principles & Practices	4	100
	Total	**24**	**600**

SEMESTER - 4th

Course Code	Course Title	Credit	Max. Marks
	Skill Component		
UGBVT4S001T	Business Development	4	100
UGBVT4S002T	Tour Package Designing & Development	4	100
UGBVT4S003I	OJT Summer Internship- (4 months)	26	400
UGBVT4S004I	OJT Report	2	50
	Total	**36**	**650**

M.Sc. (Applied Mathematics)

Course Code	Course Title	Credit	Total
	CORE COURSES		
PGAMT3C001T	Functional Analysis	4	100
PGAMT3C002T	Linear Algebra	4	100
PGAMT3C003T	Finite Fields and Coding Theory	4	100
	ELECTIVE-III (DISCIPLINE)		
PGAMT3E004T	Applied Fourier Analysis	4	100
	FOUNDATION ELECTIVE-II (SKILL BASED)		
PGAMT3F005T	Applied Statstcs	4	100
PGAMT3C006P	**MINOR PROJECT** To be completed in two semesters i.e Semester-III & IV and Project Report shall be evaluated at the end of Semester-IV	00	
	INTERDISCIPLINARY (ELECTIVE)		
	Electives offered by other Departments	4	100
Total		**24**	**600**

SEMESTER-IV (For examinatons to be held in May 2017, May 2018, May 2019).

Course Code	Course Title	Credit	Total
	CORE COURSES		
PGAMT4C001T	Cryptography	4	100
PGAMT4C002T	Applied Operator Theory	4	100
PGAMT4C003T	Wavelets Analysis with Applicatons	4	100
	ELECTIVE-IV (DISCIPLINE)		
PGAMT4E004T	Some Stochastic Models	4	100
	FOUNDATION (Compulsory-II)		
PGAMT4F005T	Galois Theory	4	100
PGAMT4C006P	**MINOR PROJECT-** Work already done in Semester-III to be contnued and Project Report will be submited at the end of this Semester.	08	200
	INTERDISCIPLINARY (ELECTIVE)		
	Electives offered by other Departments	4	100
Total		**32**	**800**

b. Enrichment courses:
The various departments of the University also adhere to other methods of knowledge enrichment and enhancement among the students apart from class room teaching. The enrichment courses include:

- Application software training
- Research Methodology Workshop
- Industrial training
- Field work
- Laboratory Practical
- Field visit
- Soft skill development
- Personality development
- Eminent lectures
- Interdisciplinary lectures
- University wide elective courses

c. Courses offered in modular form:
CBCS has been adopted by the University as per the UGC norms. Online courses in modular form have also been planned as part of MOOC under SWAYAM portal. The University has proposed to operationalize the following online programmes from the next session onward which are of industry and social relevance in present day scenario. Detailed list of online programmes is as follows:

Relational Database Systems using Oracle

Length of the module : 90 Hours
Structure of the Module

S. No.		
1	Introduction to Database Technology	1.1 What is DBMS? 1.2 DBMS Vs. Conventional file processing systems 1.3 Views of database 1.4 Data independence 1.5 Database Languages 1.6 Database users 1.7 Responsibilities of Database Administrator 1.8 Data base Models 1.9 Three levels architecture of Database system. 1.10 Database applications Quiz and Assignments

2	E-R Modelling	2.1 Introduction 2.2 Components of E-R Model 2.3 Types of Attributes 2.4 Mapping Constraints 2.5 Symbols for E-R Diagrams 2.6 Reduction of ER diagram to relational model 2.7 E R diagrams-Examples Quiz and Assignments
3	Overview Relational Database	3.1 Relational Model 3.2 Properties of Relations 3.3 Relational Algebra/ Calculus Quiz and Assignments
4	Relational database Design	4.1 Logical Database design 4.2 Modification Anomalies 4.3 Functional dependencies 4.4 Normalization Process Quiz and Assignments
5.	Relational database implementation using Oracle	5.1 Installing and Using Oracle 10g/11g 5.2 Concept of Keys 5.3 Structured query language (SQL) 5.4 SQL components 5.5 Data types in SQL 5.6 CREATE Table command 5.7 ALTER Table command 5.8 INSERT command 5.9 UPDATE command 5.10 DELETE command 5.11 SELECT command 5.12 DISTINCT 5.13 BETWEEN/IN 5.14 ORDER BY clause 5.15 GROUP / HAVING clause 5.16 SQL Functions 5.17 SQL functions(contd) 5.18 SQL operators 5.19 JOIN operations 5.20 JOIN operation(contd.) 5.21 PRIMARY KEY constraints 5.22 UNIQUE KEY constraints 5.23 FOREIGN KEY constraints 5.24 CHJECK constraints 5.25 DCL Commands 5.26 Creating Index
Note: *1. Performance of the students will be evaluated using at least five conceptual and Ten practical assignments.* *2. Five Quizzes will be conducted each of 10 questions.* *3. A case study will be used for practical database design using Oracle.*		

Certificate Course in Basics of Tourism

Course code : COBT-1	Course Title : Certificate Course in Basics of Tourism	Credit : 04
Module 1:	Meaning, definition, characteristics and types of Tourism, Importance of tourism for the society, Contribution of tourism in employment generation and poverty eradication	
Module 2:	Basic terminology - Tours, Tourist, and Visitor, traveler, Excursionist, Resource, Attraction, W.T.O. classification of Tourists and its significance.	
Module 3:	Components of tourism, tourism as an industry, Challenges for tourism Industry ,Tourism Impacts	
Module 4:	Tourism resources and tourism products , Characteristics of tourism products , Push and pull theory ,Multiplier Effect	
Module 5 :	Quiz , Activities	
Suggested Readings:	1. Anand, M.M., Tourism and hotel Industry ii1 India, Prentice Hall, New Delhi, 1976 2. Bhatia, A. K., International Tourism, Sterling Publishers, New Delhi 3. Bhatia, A. K., Tourism development: Principles, Practices and Philosophies, 4. Sterling Publishers, New Delhi 5. McIntosh, Robert, W. Goldner, Charles, Tourism: Principles, Practices and Philosophies, John Wiley and Sons Inc. New York, 1990 (9th edition) 6. Mill, Robert Christie and Alastair M. Morrison, The Tourism System, Englewood 7. Cliffs, N.J., Prentice Hall, 1985 8. Negi, J.M.S., Tourism and Travel - Concepts and principles, Gitanjali Publishing 9. House, New Delhi, 1990 10. . Robinson, H.A., Geography of Tourism, Me Donald and Evans, London, 1976	

Certificate course in Geology and Biodiversity of Shivalik: Tale of Rising Himalaya

Eligibility:

The minimum qualification required for admission to this programme is Bachelor's Degree in Sciences with Earth Science as one of the subjects from any recognised University/Institute.

Target Population:

This programme will be of special importance for those who want to pursue Masters in Earth Sciences or for those who are working and doing research in the field of Earth Sciences or in Biodiversity Conservation with special focus on the NW Himalayan Range.

Minimum Duration of the Programme: 6 Months

Course Codes	Course Titles	Credits Allotted
MOOCEVS1E001	Geology and Biodiversity of Shivalik "Tale of Rising Himalaya"	10
	Total Credits	**10**

Certificate Course in Inclusive Education

Eligibility:

The minimum qualification required for admission to this programme is Bachelor's Degree from any recognised University/Institute.

Target Population:

This programme will be of special importance for those who are practicing education at different levels (i.e. for those who are associated with school education or higher education in any ways).

Programme Framework:
Minimum Duration of the Programme: 6 Months

Course Codes	Course Titles	Credits Allotted
MOOCEDUIE001	Basics of Inclusive Education	2
MOOCEDUIE002	Inclusive Education: Planning and structured efforts at National and International Level	2
MOOCEDUIE003	Learners' diversities: exploring the scope for inclusive education	2
MOOCEDUIE004	Meeting the needs of diverse learners	2
MOOCEDUIE005	Teacher preparation for Inclusive Education	2
	Total Credits	**10**

d. Credit accumulation and transfer facility:

The University has entered into a MOU with Central University of Kashmir and Central University of Himachal Pradesh for the academic exchange programme which will also involve credit transfer facility. The academic exchange programme has been initiated in the following four departments :

1. Department of HRM and Organizational Behaviour
2. Department of Tourism and Travel Management
3. Department of English
4. Department of Educational Studies

e. Lateral and vertical mobility within and across programmes, courses and disciplines

Choice Based Credit System (CBCS) adopted by the university provides complete mobility of students/faculty and credits. The lateral entry is given in MCA programme and B.Voc courses. Scheme of CBCS presently followed at Central University of Jammu is as follows:

Semester	Core	Elective Discipline	Elective Interdisciplinary	Total Credits
	C P	C P	C P	
I	4 X 3 = 12	4 X 1 = 4	4 X 1 = 4	20
II	4 X 3 = 12	4 X 1 = 4	4 X 1 = 4	20
III	4 X 3 = 12	4 X 1 = 4	4 X 1 = 4	20
IV	4 X 3 = 12	4 X 1 = 4	4 X 1 = 4	20
Total	**48**	**16**	**16**	**80**

Note: This shows the minimum credit requirement by different courses.

1.2.2 Does the university/department have an explicit policy and strategy for attracting international students?

The Central University of Jammu accords high priority to attract the international students from various countries and this is evident from University's policy initiative by establishing an institutional structure viz **Office of International Affairs (OIA).** OIA working with the mandate of developing a coherent strategy to promote Central University of Jammu's International relations, global profile and International competitiveness. The OIA is promoting deeper academic engagements with key countries, International collaboration International internships.

In terms of explicit policy initiatives, the University has been proud member of United Nations Academia Impact (UNAI) of the United Nations. The Office of International Affairs is already working with **'Education Attaches'** of various Diplomatic Missions and Central agencies, coordinating the University's international collaborations in close contact with the university leadership, various faculties and departments. The office is working out the modalities with Indian Council for Cultural Relations (ICCR), New Delhi and other Government of India Agencies in attracting and providing International scholarships and other incentives and is responsible for the University's bilateral agreements and participation in different networks and organizations.

1.2.3 Have any courses been developed targeting international students? If so, how successful have they been? If 'no', explain the impediments.

The regular courses offered by the Central University of Jammu, are in tune with the international standards offered by any other Indian University. Also, as per the directions of the Ministry of Human Resource Development, Government of India from time to time, various Departments of the University are devising on-line courses keeping in view the domain specialisations. The Office of International Affairs is also developing ambitious course structure in collaboration with various International agencies working in India on the 'Study in India Program' (SIP) focusing a special component on the Jammu & Kashmir State in order to attract students from Europe and North America for short-term courses. Efforts have been made for the unprecedented visibility of the University at the international level, with several top institutions of the world coming forward to enter into academic partnerships. Attempts are being made to undertake joint research and teaching projects that allow credit transfers and grant of joint degrees to students in the areas of mutual benefit.

1.2.4 Does the university/department facilitate dual degree and twinning programmes? If yes, give details.

At present University is offering following dual degree programmes :

Integrated M. Phil- Ph D

1. Integrated M.Phil-Ph.D in Education
2. Integrated M.Phil-Ph.D in Mathematics
3. Integrated M.Phil-Ph.D in Tourism & Travel Management
4. Integrated M.Phil-Ph.D in HRM
5. Integrated M.Phil-Ph.D in Economics
6. Integrated M.Phil- Ph. D in National Security Studies
7. Integrated M.Phil- Ph. D in Public Policy and Public Administration
8. Integrated M.Phil- Ph. D in English and Comparative Literature

Five Year Integrated Courses

1. Five year integrated course in Botany
2. Five year integrated course in Zoology
3. Five year integrated course in Chemistry
4. Five year integrated course in Physics

Besides above, University is also offering programmes under National Skill Qualification Framework. Programmes offered are having multiple exit points. Details are as follows:

1. Diploma in Beauty and Wellness under Community College.
2. B. Voc. (Retail Management)
3. B. Voc. (Tourism Management)

1.2.5 Does the university/department offer self-financing programmes? If yes, list them and indicate if policies regarding admission, fee structure, teacher qualification and salary are at par with the aided programmes?

So far, University is not offering any programme under self financing mode. However, department of HRM & OB is in the process of offering certificate programme in spiritual intelligence on self financing mode.

1.2.6 Does the university/department provide the flexibility of bringing together the conventional face-to-face mode and the distance mode of education and allow students to choose and combine the courses they are interested in? If 'yes,' give operational details.

No such programme exists as on date. Although, University has created Online programmes as flagship programmes through distance mode. The University has entered into an MoU with CBR network for providing an opening for online courses for disability studies.

1.2.7 Has the university/department adopted the Choice Based Credit System (CBCS)? If yes, for how many programmes? What efforts have been made by the university/department to encourage the introduction of CBCS in its affiliated colleges?

Yes, all the 16 PG programmes, 8 Integrated M.Phil-Ph.D programmes, 10 Full time Ph.D programmes, 4 five years integrated courses, 1 Diploma and 2 UG programmes running in the University are based on Choice Based Credit System.

1.2.8 What percentage of programmes offered by the university/department follow:

Till Session 2015

*Annual system	Nil
*Semester system	100%
*Trimester system	Nil

From Session 2015 Onwards

*Annual system	Nil
*Semester system with CBCS	100%
*Trimester system	Nil

1.2.9 How does the university/department promote inter- disciplinary programmes? Name a few programmes and comment on their outcome.

The University promotes Interdisciplinary courses in all the programmes. To mention a few are as follows :

1. M.B.A. Tourism and Travel Management
2. M.B.A. Human Resource Management
3. M.A. English & Comparative Literature
4. M.A. Public Policy and Public Administration
5. M.A. Social Work
6. M.A. Mass Communication and New Media
7. M.A. National Security Studies
8. M.Ed

The students have benefitted by going through the course having interdisciplinary focus. The students have gained insight into content of the courses and has qualified various examinations conducted. Their successful performance indicates that the outcome of the courses has been praiseworthy.

1.3 Curriculum Enrichment

1.3.1 How often is the curriculum of the university reviewed and upgraded for making it socially relevant and/or job oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

Curriculum of the University is reviewed and updated periodically in order to align with the latest trends of academic arena as well as of industry. At the beginning, the syllabus for each course is drafted by group of subject matter experts which is then reviewed at departmental level periodically (at least once within three years). The syllabus and the agenda items are taken for approval on Board of Studies and School Board (the authorized bodies). There is an annual review of syllabus supplemented by average of two Board of Studies for every programme so as to ensure that the curriculum is aligned with the Industry requirements and becomes more job oriented, knowledge rigorous and meet the needs of society. Usually the experts in the Board of Studies are from academic front as well as the industry which helps to blend the theoretical as well as the practical aspects, hence enriching the curriculum to its best. The ordinances of the University bind the departments to hold at least two meetings of Board of Studies and two meetings of School Board annually where issues related to curriculum enrichment, research plans etc are discussed.

1.3.2 During the last four years, how many new programmes at UG and PG levels were introduced? Give details.

Programmes introduced :

4 No.s at PG level (2013-14),
2 UG, 1 PG (2015-16), 2 No. PG,
4 No. Int. 5 years and One diploma (2016-17)

1.3.3 What are the strategies adopted for the revision of the existing programmes? What percentage of courses underwent a syllabus revision?

a. Interaction with other stakeholders

b. Identifying the academic and professional relevance of the courses and the contents

c. Identification of varied activities leading to enhancement of professional efficiency

Strategies adopted by the University for Syllabus Revision are as follows:

(a). Need Assessment (b). Implementation (c). Discussion at various forums

1. Faculty periodically collects the feedback from the students about the syllabus through formal feedback form mechanism as well as classroom discussion.
2. Departmental meetings are conducted where every faculty rigorously contributes in preparing a list of modifications needed in the current syllabi, keeping in mind the student feedback as well as the present academic trend and its job market relevance.
3. The agenda comprising list of modifications is presented before the Board of Studies. Board of Studies comprises the members from both the academics and industry. Agenda items are deliberated and recommended by the board of studies to School board. The recommendation of School Board are placed before academic council.

The changes suggested by the regulatory bodies like AICTE, UGC and NCTE are incorporated to modify the syllabi. The syllabi is reviewed in the light of enhancing employability, professional advancement and global competencies. The syllabi is approved for three years. However, minor changes can be incorporated as per the changing market trends.

1.3.4 What are the value-added courses offered by the university/department and how does the university/department ensure that all students have access to them?

Department	Value-added courses offered
Department of HRM and Organizational Behaviour	1. Fundamentals of Management and Organizational Behaviour 2. Entrepreneurship and Small Business Management 3. Managerial Skills and Effective Communication 4. Business Environment and Corporate Ethics 5. Transformational Leadership and Group Dynamics 6. Contemporary Practices in HRM and OB
Department of Tourism and Travel Management	1. Tourism Concepts and Principles 2. Sustainable Tourism and Environmental Management 3. Entrepreneurship Development in Tourism 4. Around the World

Department of Mathematics	1. Fundamentals of calculus 2. Statistics and Probability 3. Basic Linear Algebra 4. Introductory Analysis
Department of Computer Science and Information Technology	1. Fundamentals of Computers 2. Advanced Computer Concepts 3. E-Commerce 4. Information Security and Cyber Law
Department of Economics	1. Introduction to Indian Economy
	2. Development Issues in Indian Economy
	3. Money Banking & Finance
	4. World Economy
Department of Educational Studies	1. Basic Application of Statistics
	2. Introduction to Guidance and Counselling
	3. Art of Teaching
	4. Understanding Learner
Department of Public Policy and Public Administration	1. Indian Constitution, Social Justice and Administration
	2. Civil Services in India
	3. Local Governance in India
	4. e-Government
Department of Sociology and Social work	1. Elements of Professional Social Work
	2. Life Skill Education
	3. Counselling
	4. Management of Development Organizations
Department of English	1. English For Specific Purposes
	2. Science and Literature
	3. Philosophy and Literature
	4. Creative Writing
Department of Environmental Sciences	1. Basics of Ecology and Environmental Sciences
	2. Environmental Laws, Policies and Ethics
	3. Natural Resources and their Management
	4. Disaster Management
	5. Environmental Issues and Concerns

The University has adopted choice based credit system and value based courses are offered across all the disciplines as reflected above. Besides, in order to promote inter-disciplinary learning different departments are offering University wide elective courses to be opted by the students other than their main courses of the programme opted by them. Additionally, on periodic basis, University is organising lectures, seminars on value based education to inculcate skills among the students.

1.3.5 Has the university/department introduced any higher order skill development programmes in consonance with the national requirements as outlined by the National Skills Development Corporation and other agencies?

Yes, University has introduced higher order skill development programmes in line with national agenda as outlined by National Skilled Development Corporation and Other agencies. These courses are formulated as per National Skill Qualification Framework (NSQF) which takes into account National Occupational Standards (NOS) and Qualification Packs prescribed by respective sector skill councils. Following courses were introduced :

B.Voc. (Retail Management)

B.Voc. (Tourism Management)

Diploma in Beauty and Wellness

1.4 Feedback System

1.4.1 Does the university/department have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Curriculum is generally revised periodically after taking feedback from various stakeholders like industry experts, academicians, students etc. University follows structured mechanism for taking the feedback from the students involving both formal and informal feedback.

Formal Feedback: At the end of each semester, students are given feedback forms wherein their inputs regarding curriculum are consolidated and considered for necessary modifications in curriculum, in line with requirements of changing dynamics of industry and society at large.

Informal Feedback: Students informally interact during classroom discussions with all faculty members to express their view point about curricula which are noted and evaluated at later stage during departmental meetings comprising of all faculty members chaired by Head of the Department.

1.4.2 Does the university/department elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods such as conducting webinars, workshops, online discussions, etc. and its impact.

The University maintains constant contact with both national and international faculty by inviting them for various workshops, conferences, seminars and discussions. These contacts are further strengthened by inviting the eminent academicians as members of Board of Studies where their feedback on curriculum is taken into consideration. Thus, the opinion of the external members of Board of Studies and School Board from academia and industry, national experts is also taken into consideration to review the syllabi. The syllabus formulated is sent to reputed national experts for their feedback on the relevance of syllabi for meeting global challenges.

1.4.3 Specify the mechanism through which affiliated institutions give feedback on curriculum enrichment and the extent to which it is made use of.

At present, there is no institution affiliated to the Central University of Jammu.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the university/department in ensuring the effective development of the curricula?

The process of design and development of curriculum involves three major steps: Review, Revision and Ratification.

Review: Reviews are taken from students, faculty, industrialist as well as alumni. Faculty is encouraged to undergo orientation course, refresher course, conferences, seminars etc. so as to broaden their knowledge base regarding latest trends in their respective fields and to appraise them with industrial as well as societal requirements. Their inputs are considered in making the curriculum more effective and job oriented, keeping Quality assurance/Quality control issues in mind. Few departments also refer secondary literature about the issues and utilize the same for review.

Revision: Curriculum revision and /or introduction of new courses are undertaken based on the feedback/inputs received from students, faculty, alumni and employers.

Ratification: Departments periodically conduct at least two Board of Studies and School Board meetings to ratify the modifications which are finally placed before academic council for its consideration.

****Any other information regarding Curricular Aspects which the university would like to include.*

The University has operationalized the following departments from the academia session 2016-17. List is furnished below :

1. Department of Marketing and Supply Chain Management
2. Department of Chemistry and Chemical Sciences
3. Department of Nano-Science and Materials
4. Department of Physics and Astronomical Sciences
5. Department of Animal Sciences and Wild Life
6. Department of Plant Sciences
7. Centre for Molecular Biology
8. Centre for Comparative Religions and Civilizations
9. Community College

The University also intends to operationalize the following Centres/Departments/Schools from the next academic session if approved by the funding agencies. List is furnished below:

1. **Centre for Earth sciences**
   M.Tech (Applied Geology)
2. **Centre for promotion of Mathematics, Education and Research**
   M.Sc. (Computational Mathematics)
3. **Centre for Disaster Management**
4. **Deen Dayal Upadhyay KAUSHAL KENDRAS**
   M.Voc. (Herbal Nano Technology)
5. **Kendriya Vidhyalya**

School of Life Sciences

4. Department of Biotechnology and Genomics

Also, few Schools/Departments/Centre of contemporary academic relevance have been proposed by the University for next academic session. Details are provided below:

1. School of Earth & Space Application, supported by Ministry of Earth Sciences.
2. Centre for promotion of Mathematics, Education and Research, supported by Department of Atomic Energy.
3. Centre for Disaster Management, under NDMA, Government of India.
4. Yoga Centre
5. Deen Dayal Upadhyay KAUSHAL KENDRAS, supported by UGC
6. HRD Centre, supported by UGC
7. Kendriya Vidhyalaya , supported by MHRD.

2.1 Student Enrolment and Profile

2.1.1 How does the University ensure publicity and transparency in the admission process?

- The University ensures publicity and transparency in the admission process by advertising the admission dates widely in various national/local newspapers & posts the same information on University website.
- Besides this, Public hoardings at prominent places are erected, SMS facility is used for Communicating the information to the public, all multi-media channels like FM Radio, local TV channels are sent for disseminating the information. For the session 2015-16 around One lakh SMS were sent to inform students about important dates.
- Information is also disseminated in local colleges of the region by making presentation by the Faculty about the courses offered by the university and their job prospects.
- Once the merit lists are prepared consisting of General, SC, ST, OBC, PWD categories, the same are displayed on University website and the criteria for determining the merit as per choice/preference of the students is published on the University website.
- Information is also displayed on Institutional Notice Boards.
- The admission is carried through counselling after determining the merit list of the candidates for each discipline. The students falling in the merit list are informed through telephonic calls, SMS and e-mails by the respective departments about the schedule of admission, required documents and fee details for seeking admission.

2.1.2 Explain in detail the process of admission put in place by the University. List the criteria for admission: (*e.g.*: (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common entrance test conducted by state agencies and national agencies (v) other criteria followed by the University (please specify).

Admission is made through collegiums of 09 Central Universities (CUCET) on all India basis. The admission process is based on the components as per the weightages reflected in the table listed below.

PG Programmes

Component of Composite Score	Weightage (2015-16)	Weightage (2016-17)
Marks obtained in the CUCET	70%	100%
Marks obtained in the Degree Examination	30%	0%
Total	**100%**	**100%**

Integrated M.Phil.- Ph.D. Programme (2015-16) / Ph.D. Programme (2015-16) (2016-17)

Components of the Composite Score	Weightage	Weightage
Score obtained in the CUCET	70%	80%
Percentage of Marks obtained in the qualifying Master's Degree Examination	20%	
Interview	10%	20%
Total	100%	100%

Eligibility and composite score calculation of JRF/NET/SLET is done as per the following rules :

- No candidate securing less than 50% marks (45% in case of SC, ST and Persons with disabilities) in CUCET shall be eligible for admission to the Integrated M.Phil.-Ph.D. Programme.
- The JRF/NET/SLET/SET qualified candidates shall be exempted from CUCET for admission to Integrated M.Phil-Ph.D. Programmes. For the purpose of calculating composite score, JRF qualified candidates shall be deemed to have scored 100% marks in the CUCET whereas, the NET/SLET/SET qualified candidates shall be deemed to have scored marks equivalent to the marks scored by the topper of CUCET.
- Provided that if a JRF/NET/SLET/SET qualified candidate appears in the CUCET, at his/her own discretion, he/she shall be awarded the actual marks scored in the CUCET by him/her and he/she shall not be deemed to have scored 100% marks or the marks scored by the topper of the CUCET respectively as the case may be.
- Provided further that a candidate, who has passed Master's Degree Examination in an allied subject, shall have either to qualify JRF/NET/SLET/SET or the CUCET in the subject in which admission is sought.
- **Explanation:** For the purpose of this Clause "Topper of CUCET", means a candidate who is non JRF/NET/SLET/SET and has obtained the highest marks in the CUCET amongst the candidates who have applied for admission to the Central University of Jammu in the relevant category in which NET/SLET/SET qualified candidate will be eligible to be considered.
- Subject to the fulfilment of the minimum eligibility conditions for admission to an Integrated M.Phil.-Ph.D. Programme/Ph.D. Programme (2016-17) a teacher who has been awarded Teacher Research Fellowship by the UGC and is working in any institution of higher education shall be exempted from the requirement of appearing in CUCET and he/she shall be considered at par with NET/SLET/SET qualified candidates, for the purpose of calculating composite score.
- All candidates applying for admission to the CUJ, including those exempted from appearing in CUCET by the University (refer the University website) must apply, pay necessary fee and get registered for the Central Universities Common Entrance Test failing which their candidature will not be considered for admission.
- Subject to the minimum cut-off marks, candidates' equivalent to five times the number of seats shall be called for Interview strictly on the basis of merit of Cumulative Score of CUCET and marks obtained at the qualifying Master's Degree.
- The entire process of admission is published in prospectus which is posted on website of the university well in advance

2.1.3 Provide details of admission process in the affiliated colleges and the University's role in monitoring the same.

The Central University of Jammu has not been accorded mandate to affiliate colleges as on date.

2.1.4 Does the University have a mechanism to review its admission process and student profile annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

- The University reviews the process of admission every year initially at Departmental/school level followed by meeting of HODs/Deans and thereafter recommendations are placed before University bodies for further necessary action.
- The profile of the students is reviewed and analyzed to find out the all India character of students seeking admission into Central University of Jammu. They are also analyzed on the basis of merit, caste, religion, urban/rural, married/unmarried etc. which helps to understand the quality and type of the students seeking admission into the University.
- This further helps to make future plans for attracting more meritorious students belonging to all shades of the society across the country.
- The University has witnessed a new phenomenon with respect to the composition of the students seeking admission in PG and research programs which is evident from the fact that in the year 2015, students from Delhi ,Bihar, Punjab, AP, Rajasthan, Uttarakhand, Kerala, HP, Haryana were also admitted in the university. Besides J&K all India examination based admissions, has a fair amount of geographic diversity in student population.
- The review before the admission for the year 2015 led to devise various strategies for increasing the number of applicants so that meritorious students seek admission and add to the prestige of the University. The review further enabled to change timing and mode of admission i.e. the Central University of Jammu was the first in the region to start admission process. Moreover, the entire admission process was completed within the stipulated time period, prior to previous year where admission continued for 15 days. It is therefore pertinent to mention here that in the year 2014-15, 2666 candidates had applied as compared to 8775 candidates (2015-16) and 13,627 who opted for Central University of Jammu for the year 2016-2017. Moreover, students from various categories viz. SC, ST, OBC, Migrant, PWD have been admitted with a fair representation as per rules.
- The admission seekers were facilitated by providing them with an in-house banking counter from HDFC and other support facilities were also provided.

2.1.5 What are the strategies adopted to increase / improve access for students belonging to the following categories:

- **SC/ST:** Reservation of seats: SC- 15%/ ST- 7.5%
- **OBC:** 27% seats reserved for OBC students
- **Women:** Separate hostel facility for women students
- **Persons with varied disabilities :**3%(HORIZONTAL) seats reserved for persons with varied disabilities
- **Economically weaker sections :** The University offers remedial classes to the students belonging to various categories to enhance/compensate for their academic losses. Admission is open to students of all categories (By having Reservation for Students in various categories).
- **Outstanding achievers in sports and other extra curricular activities :** The University is in the process of adopting a policy for promoting Outstanding achievers in sports as per UGC guidelines, in this context Udaan is one of such initiative for identifying the talent. However, the achiever at national and International level are being promoted. Similarly other co curricular activities are promoted for overall development of the students.

2.1.6Number of students admitted in University departments in the last five academic years

UG Course: PG Courses

Categories	(2015-16)		(2016-17)	
	Male	Female	Male	Female
SC	01	02	10	12
ST	-	-	07	05
OBC	02	-	27	10
General	07	04	33	68
Others			02	-

Categories	Year I 2012-2013		Year2 2013-2014		Year 3 2014-2015		Year4 2015-2016		Year 5 2016-2017	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	16	23	14	32	8	34	10	50	13	46
ST	8	6	6	5	10	8	12	09	16	28
OBC	12	21	18	29	13	26	31	31	22	38
General	61	67	42	86	48	110	63	146	101	181
Others			1	0			02	04	02	02

S.No.	PG / UG Programme	Application forms received (2014-2015)	Application forms CUCET (2015-16)	Application forms CUCET (2016-17)
1.	Computer Science & IT	165	466	549
2.	Economics	163	513	536
3.	English	194	901	561
4.	Environmental Sciences	571	1321	1319
5.	Mathematics	350	673	695
6.	Human Resource Management	203	862	723
7.	Tourism and Travel Management	108	562	548
8.	Mass Communication and New Media	9	311	274
9.	Education	471	1055	817
10.	National Security Studies	8	83	128
11.	Public Policy and Public Administration	30	268	295
12.	Sociology and Social Work	9	139	263
13.	Hindi	-	31	124
14.	Nano and Material Science			093
15.	School of Supply Chain Management			156
16	Chemistry			1432
17	Physics			1180
18	Zoology			900
19	Botany			687
20	Retail Management			252
21	Tourism Management			428
22	Beauty & Wellness			121

No. of Applications received : M.Phil-Ph.D Programme

S.No.	Integrated M.Phil-Ph.D Programme/ Ph.D Programme	Application forms received		
		(2014-2015)	(2015-16)	(2016-17)
1.	Economics	29	205	209
2.	English	118	391	-
3.	Mathematics	45	203	172
4.	Human Resource Management	33	170	177
5.	Tourism and Travel Management	24	113	-
6.	Education	93	350	189
7.	National Security Studies	13	65	88
8.	Public Policy and Public Administration	30	126	80
9.	Computer Science and IT			142
10.	Environmental Sciences			215
11.	Sociology and Social Work			113
12.	Mass Communication and New Media			161

No. of students admission admitted in University : Research Programmes

Categories	2011-2012		2012-2013		2013-2014		2014-2015		2015-2016	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	0	0	1	2	4	4	0	5	1	2
ST	0	0	0	0	1	2	3	1	1	-
OBC	0	1	3	0	4	2	5	3	5	-
General	1	3	6	1	14	10	11	11	17	5
Others	-	-	-	-		-	-	-	-	-

2.1.7 Has the University conducted any analysis of demand ratio for the various programs of the University departments and affiliated colleges? If so, highlight the significant trends explaining the reasons for increase / decrease.

Demand analysis for University Programmes

Programmes	Number of applications		Number of students admitted		Demand Ratio	Demand Ratio
	2015-16	2016-17	2015-16	2016-17	2015-16	2016-17
UG	31	680	16	31	1 : 1.93	1:21.93
PG	1808	7081	257	450	1 : 7.03	1:15.73
Integrated Masters	NA	4199	NA	143		1:29.36
M.Phil	NA	NA	NA	NA		
Ph. D.	NA	1546	NA	(in process)		
Integrated Ph.D	404	NA	39	NA	1 : 10.35	
Certificate	NA	121	NA	31		1:3.90
Diploma	NA	NA	NA	NA		
PG Diploma	NA	NA	NA	NA		
Any other Part-Time Ph.D	NEARLY 20		08		1: 2.5	1: 2.5

2.1.8 Were any programes discontinued/ staggered by the University in the last four years? If yes, please specify the reasons.

- Programmes which were launched by the University are running successfully till date.
- All courses like National Security Studies where no student, could be attracted in the first year received good response in the second year. It is a result of rigourous dissemination of information to the students. Integrated M.Sc. (Computer Science)-MCA Programme discontinued from Academic Session 2016-17 and replaced with M.Tech (Computer Science & Technology) Keeping in view the employability prospect of the Pass out.

2.2 Catering to Student Diversity

2.2.1 Does the University organize orientation / induction programme for freshers? If yes, give details such as the duration, issues covered, experts involved and mechanism for using the feedback in subsequent years.

- The University organizes one day induction program for freshers of PG, Research and UG courses.
- Induction kits are provided to all the freshers.
- The students are also sensitized with the facilities available in the University like Library, Canteen, medical facilities, sports facilities, Transport, Scholarship, Incubation and Innovation Cell.
- They are given an idea about the variety of sports and cultural activities organized by the University.
- A video presentation is shown to students covering virtual tour of the upcoming campus at Bagla.
- Information pertaining to SPARSH, Anti-Ragging, Student conduct, Student Greivance Redrassal Mechanism, Gender Champions, Code of conduct, Hostel is also given to students
- At Departmental level, students are introduced with the faculty, senior students and staff. Besides, students are familiarized with the course structure and its scope. Placement procedure is also discussed.
- They are also made conscious about the class work activities which are in tune with calendar of activities circulated by the University.
- They are also shown the various facilities related to physical infrastructure.
- The students are also given an understanding about the feedback mechanism followed in the University.
- The student charter as per NAAC reflecting consciousness about the environment and respect to women is also made known to them.
- The students are explained about the library membership and evaluation pattern being followed in the entire semester.

2.2.2 Does the University have a mechanism through which the "differential requirements of the student population" are analysed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

- The feedback is received from alumni in its alumni association meet held annually regarding the different problems which they have been facing during their academic session.
- Such problems are then identified discussed, and appropriate remedial mechanisms like holding workshops, awareness programs, eminent lecture series, interaction with experts from industry –academia are adopted to address the issues.

2.2.3 Does the University offer bridge / remedial / add-on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

- The University has implemented orders issued by UGC for holding the remedial classes for the students who are slow learners or face some difficulty in keeping pace with other students.
- Majority of the departments hold remedial classes through tutorials and their issues are addressed from time to time.
- The students desirous of attending remedial classes are assisted by the teachers through notes, books, and references and at certain places through hands on experience in computer and other related skills.
- Faculty advisors/mentors have been nominated in each department to find out the problems of the students & accordingly remedial measures are planned.
- Under National Skill Qualification Framework(NSQF), the University is offering vocational courses in Retail/Tourism/Beauty & Wellness with multiple exit points.
- Additionally, the University has empanelled Adjunct / Visiting faculty from industry-academia for smooth conduct of programs under reference.

2.2.4 Has the University conducted any study on the academic growth of students from disadvantaged sections of society, economically disadvantaged, physically handicapped, slow learners, etc.? If yes, what are the main findings?

- The Progress of Students is review periodically by feedback mechanism.
- To review their progress their feedback is taken by the departmental representatives.
- As per the review and the progress in evaluation pattern, remedial measures are undertaken to fulfill the gaps if any.
- Some of the measure undertaken for disadvantaged communities include availability of application forms at subsidized rates and encouragement of student of apply for different governmental schemes for scholarship also Equal Opportunity Cell of the University helps the students in availing such facilities.

2.2.5 How does the University identify and respond to the learning needs of advanced learners?

- The University intends to collaborate with research institutions for responding to the learning needs of advanced learners. Seminars and educational workshops are also conducted by various Departments.
- The teachers always make an effort to identify the students who are meritorious and perform exceptionally well in the tests, seminars, presentations, etc.
- The process is channelized so that they feel attended and discussions may also be held with such students through tutorials.
- Personal attention is also given by the teachers to such students.
  Various co-curricular activities like personal discussion, debates, quizes, extempores are regularly organized.
- Mentors have been appointed to such students who pay personal attentions by understanding their specific needs.
- Student are advised to refer extra reading materials like E-books, E-Journals etc.
- Student are motivated to appear for public service commission examination and are motivated to pursue higher studies and research.

2.3 Teaching–Learning Process

2.3.1 How does the University plan and organize the teaching, learning and evaluation schedules (academic calendar, teaching plan, evaluation blue print, etc.)?

The University plans teaching, learning and evaluating schedules in the following manner:

- All departments follow the Academic Calendar issued by the University. The Academic Calendar is

prepared by the committee of Deans, Academic Coordinator and administrative authorities based on guidelines of UGC. The syllabi of each course is also posted on the website.

- Each department prepares its own time-table before the commencement of the semester.
- Teaching plan of each subject is up-loaded for the information of the students. The teaching plan is prepared keeping in view the objectives of the course, time required in terms of number of lectures, tutorials and practicals to complete the content, transanctional strategy adopted to realise the objectives in the form of learning outcome and references related to the content to be taught. Quality of learning outcome of teaching and evaluation of students performance is a very important parameter for judging the academic environment of any institution.
- The University follows continuous evaluation system. Before the completion of each academic session, the department holds a meeting of all faculty members at the BOS /Departmental level discusses/reviews the courses offered to the students followed by updation in syllabi if needed and allots the courses to be taught in the next academic session by the respective faculty.
- In addition to this, students are exposed to other academic activities in which they are required to show their talent, ability through participation in presentations, seminars writing assignments, giving them the habit of raising questions and seeking clarifications etc.
- Every student in each Department is given opportunity to participate in wide variety of activities for a good exposure and likewise they are groomed to a wholesome personality.

2.3.2 Does the University provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

- The University provides course outlines and course schedules prior to the commencement of the academic session by displaying them on the University website. This makes the students well aware in advance about the courses in which they enroll, resulting in lesser students leaving the course in between and also gives the opportunity to the student to come prepared for the classes which makes the classroom discussions very rich, effective and interesting.
- In addition to course outlines and course schedules, the Head of the Department ensures the timely completion of the courses as per the Academic Calendar. The University strictly adheres to the Academic Calendar for its activities.
- The University has initiated feedback system both for the students and the faculty to ensure the effectiveness of the process.

2.3.3 Does the University face any challenges in completing the curriculum within the stipulated time frame and calendar? If yes, elaborate on the challenges encountered and the institutional measures to overcome these.

- The University completes the curriculum within the stipulated time frame and as per the Academic Calendar.
- In case, a faculty requirement arises in the middle due to any unforseen reason or in the beginning of the session, the institution facilitates by inviting Guest faculty on Lecture basis or contractual faculty is appointed by conducting interviews before commencement of the session.

2.3.4 How is learning made student-centric? Give a list of participatory learning activities adopted by the faculty that contributes to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

- Learning is made student-centric through case based teachings, field trips and study tours, assignments that require information gathering from academic sources, seminars, presentations/animations and other ICT based aids.

- Participation of students in extra-curricular and extension activities is encouraged.
- Student community is encouraged to participate during lectures making it two way interaction programme. Students are encouraged to participate in seminars, open house discussions, class activities, quizzes, group-viva, class presentations, workshops, student teacher interaction etc.
- In addition to this, various departments of the University like EVS, HRM, MSCM, TTM, Economics, Education, Social Work etc. take the students for field trips to acquaint them with the practical knowledge, which again helps in providing first hand practical skill based learning.

2.3.5 What is University's policy on inviting experts/people of eminence to deliver lectures and/or organize seminars for students?

- The University has framed a policy wherein it invites eminent scholars under Eminent Lecture Series to deliver extension lectures pertaining to the development and awareness of the students on various areas.
- However, each department has an internal procedure wherein the experts are invited by the respective departments to deliver lectures and hold discussion in specific areas.

Policy: The University ensures that the invited person has attained eminence in the field. The eminent scholar can be from corporate sector as well. It is ensured that he/she should have contributed to the society .

2.3.6 Does the University formally encourage blended learning by using e-learning resources?

- The central library has subscribed online e-resources like UGC Info-Net, DELNET besides free access to online databases like emerald, sage, EBSCO etc.
- Moreover, students are encouraged to adopt the e-resources for enriching their presentations, group discussions, project work/dissertation etc.
- The University provides internet facility to all faculty members, scholars and students.
- The University has Five computer labs which provide free access to the students and faculty members

2.3.7 What are the technologies and facilities such as virtual laboratories, e-learning, open educational resources and mobile education used by the faculty for effective teaching?

- The University has subscribed access to online journals for the faculty and research scholars. In addition to this, the University also has NKN connectivity, Inflibnet, Video-conferencing facility, subscribed access to online books, wi-fi access to faculty, scholars and students on the campus.
- The University has also purchased software like SPSS, MATLAB and other data analysis softwares for improving the research acumen of the scholars and the faculty members
- Participation of the students in group discussion is held online though Webinar.

2.3.8 Is there any designated group among the faculty to monitor the trends and issues regarding developments in Open Source Community and integrate its benefits in the University's educational processes?

- The University has constituted a committee to monitor trends and issues regarding developments in Open Source Community and integrate its benefits in the University's educational processes.
- Besides this, various clubs have been formed at departmental level which help in all round development of the students by providing a platform for organizing multifaceted exercises and programmes.

2.3.9 What steps have the University/department taken to orient traditional classrooms into 24x7 learning places?

- The University has given Internet facility to its students doing research with 5 GB usage (extendable

upon request) for a month and unlimited access to faculty within the campus premises.

- Besides this, internet facility is also available to students in the computer lab till 5:30 pm, Library remains open till 8 pm in the evening within the premises of the University and also on holidays except Sundays.
- Moreover, the professional departments like TTM, HRM, MSCM etc. utilize the expertise of the faculty by engaging the students on weekends and organising online webinars, also by discussing case studies and organizing activities like role plays etc. for making classes a 24x7 learning place.
- The Friday club activity and seminars involves rigorous student preparation and interaction to strengthen their skills.
- Internet facility is provided in both boys and girls hostels for helping the students in their academic growth.

2.3.10 Is there a provision for the services of counselors/ mentors/advisors for each class or group students for academic, personal and psycho-social guidance? If yes, give details of the process and the number of students who have benefitted?

- At the onset of each semester, certain departments appoint one faculty as Class in-charge who acts as a counselor/mentor/advisor and handles their grievances and guides them accordingly. Also, SPARSH has designated nodal teachers for collaborating with the student representatives of each class. These nodal teachers act as counselors/mentors/advisors for academic, personal and psycho-social guidance.
- Moreover, each department has constituted a committee comprising of student and faculty members for implementing anti- ragging measures.
- However, in hostel premises 24 hr access to the Warden/Associate warden is available to the students for counseling/mentoring/advisory
- SPARSH Committee provides counselling services for both the campuses.

2.3.11 Were any innovative teaching approaches/methods/practices adopted/ put to use by the faculty during the last four years? If yes, did they improve learning? What were the methods used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

- Faculty members from various Departments use different innovative teaching approaches to improve learning practices.
- Department of HRM & OB adopts case study method along with role plays, simulation and also organizes weekly management clubs which includes sales activity, presentation on contemporary topics, extempore and group discussions for holistic development and learning of the students.
- Various Remedial classes are also conducted to improve communication skill especially knowledge of English language is improved by organising remedial classes on regular basis for weak students. Market oriented assignments are undertaken to increase employability prospects.
- Case study practices are used to increase analytical power of students.
- There is no formal procedure adopted in evaluating the impact of small practices. But the performance of the students in the examination and increased participation in different activities show that students at large have been benefitted.
- The ICT technique assisted teaching tools such as Power Point Presentations, simulations, animations, audio-video presentations, you-tube, webinar supplemented by adequate learning resources and infrastructure are some of the innovative measures implemented by the University.

2.3.12 How does the University create a culture of instilling and nurturing creativity and scientific

temper among the learners?

- The University organizes events like UDAAN to encourage the students to participate and exhibit their creative talent.
- University also encourages the students to participate by organizing debates, quizzes, workshops and thereby provides a platform to nurture their scientific temper.
- The University has created innovation, incubation and entrepreneurship council under which innovative club and university business incubation centre has been made functional from current academic session.
- So far, 16 innovators have been identified. The process for registration of Intellectual Property Rights have been initiated besides, innovators are asked to submit their detailed proposal in the prescribed format available on University website for nurturing of their ideas.

2.3.13 Does the University consider student projects mandatory in the learning programme? If yes, for how many programmes have they been (percentage of total) made mandatory?

- **Number of projects executed within the University**
- **Names of external institutions associated with the University/department for student project work:**
- **Role of faculty in facilitating such projects :**
- At PG level, students are required to submit project report/dissertation as a part of their degree programme by most of the departments in the School of humanities& Social Science, Educational studies, Business studies, Basic and Applied Sciences , Languages, Life sciences etc.
- Number of the students doing in-house and external projects varies from department to department. As project is a mandatory requirement for various programmes. All Departments give project work to the students under mentorship. The number of projects completed in one academic session for a few Departments can be listed as follows :
- Computer Science and Information Technology -165; HRM & OB: 50
- Environmental Studies: 145; Languages: 60; Life Sciences 09; Mathematics: 28, Social Sciences: 100.

2.3.14 Does the University/department have a well qualified pool of human resource to meet the requirements of the curriculum? If there is a shortfall, how is it supplemented?

- The University has the well qualified pool of HR in the form of permanent faculty / faculty on deputation. In case of short fall, contractual appointments through selection committee are made and in severe cases guest faculty are also invited to overcome shortfall.

2.3.15 How are the faculty enabled to prepare computer-aided teaching/learning materials? What are the facilities available in the University for such efforts?

- The University has provided laptop to all faculty members.
- Access to e-journals, e-books, NKN connectivity has been enabled for the faculty members. In addition to this, departments are also providing smart board facility for effective teaching.
- The University at regular intervals organizes ICT related workshops to update its faculty regarding latest software's.

2.3.16 Does the University/department have a mechanism for the evaluation of teachers by the students /alumni? If yes, how is the evaluation feedback used to improve the quality of the teaching-learning

- The University has recently evolved a structured mechanism for seeking feedback from the student community.

- A feedback questionnaire is prepared which is distributed to the students at the end of the semester for getting their opinion about the quality of teaching and teaching methodologies.
  The feedback is then analyzed and attempts are made to overcome the shortfalls. The same data is used by IQAC for conducting further research for improving the quality under the quality radar mechanism.

2.4 Teacher Quality

2.4.1 How does the University/department plan and manage its human resources to meet the changing requirements of the curriculum?

- Competent and specialized faculty has been recruited to meet requirements of the curriculum. In case of shortfall, the University appoints contractual/Adjunct Faculity as well as guest faculty.
- At the same time in order to meet changing requirements of the curriculum, all departments conduct Board of Studies meeting to revise the existing curriculum in order to meet the advancement of knowledge in respective disciplines. Periodic curriculum update is done by respective faculty in each discipline.
- The University ensures that its faculty attends refresher/orientation courses/seminars/workshops from time to time in order to enhance their teaching skills.
- Provision for study leave and leave for academic pursuit is also offered.
- Provisions for financial assistance is granted for attending conferences at National/International level as per UGC norms.

2.4.2 Furnish details of the faculty:

Highest qualification	Professors		Associate Professors		Assistant Professors		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D. Litt.							
Ph.D	**01**			**01**	**35**	**21**	**58**
M.Phil.					**07**	**02**	**09**
PG					**12**	**02**	**14**
Temporary teachers							
Ph.D	**11**	**02**	**01**	**01**	**05**	**04**	**24**
M.Phil.							
PG					**06**	**02**	**08**
Part time teachers							
Ph.D	**04**						**04**
M.Phil.							
PG							

2.4.3 Does the University encourage diversity in its faculty recruitment?

Provide the following details (department / school-wise). (**Permanent)**

Department/school	% of faculty from the same University	% of faculty from other universities within the state	% of faculty from other universities outside the state	% of faculty from other countries
English	Nil	33%	67%	Nil
Mathematics	Nil	60%	40%	Nil
HRM	Nil	72%	28%	Nil
Sociology & Social work	Nil	Nil	100%	Nil
TTM	Nil	57.2%	42.8%	Nil
PPPA	Nil	Nil	100%	Nil
Computer Science & IT	Nil	57.2%	42.8%	Nil
Education	Nil	14%	86%	Nil
Mass communication	Nil	Nil	100%	Nil
EVS	Nil	42.8%	57.2%	Nil
NSS	Nil	Nil	100%	Nil
Economics	Nil	71.5%	28.5%	Nil
MSCM	Nil	50%	50%	Nil
Physics & AS	Nil	25%	75%	Nil
Chemistry & CS	Nil	50%	50%	Nil
Nano Sciences & M	Nil	25%	75%	Nil
CR & C	Nil	0%	100%	Nil
Hindi	Nil	50%	50%	Nil
Animal Sciences	Nil	60%	40%	Nil
Plant Sciences	Nil	25%	75%	Nil
Molecular Biology	Nil	50%	50%	Nil

2.4.4 How does the University ensure that qualified faculty are appointed for new programmes/ emerging areas of study (Bio-technology, Bio-informatics, Material Science, Nanotechnology, Comparative Media Studies, Diaspora Studies, Forensic Computing, Educational Leadership, etc.)? How many faculty members were appointed to teach new programmes during the last four years?

- The University makes national advertisement for attracting talented faculty and holds interviews through the involvement of eminent team of three experts in the respective fields and visitors to assist in selecting the best and qualified faculty for the new programme launched.
- In case, the University faces any difficulty in attracting the best faculty in that area, experts are approached to solicit few names whose bio-data's are further evaluated by experts and suitable candidates are offered the position from entire country as per requirement.
- Moreover, the University repeatedly rolls advertisement through the medium of newspapers and website of the University for giving wider publicity to the fill vacancies.

2.4.5 How many Emeritus / Adjunct Faculty / Visiting Professors are on the rolls of the University?

- Yes, University has empaneled eminent professors as adjunct (8) and visiting faculty (6) catering to the needs of different departments besides university inviting experts from industry and academia on periodic basis for interaction with students and faculty.

2.4.6 What policies/systems are in place to academically recharge and rejuvenate teachers (*e.g.* providing research grants, study leave, nomination to national/international conferences / seminars, in-service training, organizing national/international conferences etc.)?

- A provision has been created wherein all faculty members can attend 2 national conferences/seminars within an year which is funded by the University.
- A faculty who intends to participate in an international conference is given financial aid once in three years.
- The University ensures that faculty attends orientation and refresher courses at regular intervals to update their teaching skills and knowledge up-gradation.
- The University has earmarked a budget for undertaking minor research projects up to the tune of 3 lacs per Department. The University has allotted 13 projects to the departments @Rs. 3 lacs each.
- The University has made provision of Rs. 3 lac for each department for organising seminars at regional/national level.
- Study leave is granted to eligible teachers as per UGC norms.
- Inservice training in SPSS, Mendley Desktop, End note, Anti-plagraism tools like Turnitin, Ithenticat etc has been imparted to teachers.
- The best publication of teachers is also screened by a research committee which recommends award to the best publication, Three awards are recommended for best publications from Science, Arts and Social Sciences.
- Paid leave is granted to obtain Ph.D as per UGC guidelines.
- Non teaching staff is provided with in-house training to enhance their skills related to financial and administrative matters. They are also facilitated to have personal growth by pursuing their higher education in various universities across the country with paid leave facility.

2.4.7 How many faculty received awards / recognitions for excellence in teaching at the state, national and international level during the last four years?

- Three faculty members have received awards/recognition for excellence in teaching at the state, national and international level during the period.

2.4.8 How many faculty underwent staff development programmes during the last four years (add any other programme if necessary)?

Department of National Security Studies

Academic Staff Development Programmes	Number of Faculty
Refresher courses	**NIL**
HRD programmes	**NIL**
Orientation programmes	**4**
Staff training conducted by the University	**NIL**
Staff training conducted by other institutions	**4**
Summer/winter Schools,Workshops,etc.	**4**

Centre for Comparative Religions & Civilizations

Academic Staff Development Programmes	Number of faculty
Refresher courses	02
HRD programmes	Nil
Orientation programmes	01
Staff training conducted by the university	04
Staff training conducted by other institutions	Nil
Summer / Winter schools, workshops, etc.	02

Department of Mass Communication and New Media

Academic Staff Development Programmes	Number of faculty
Refresher courses	01
HRD programmes	Nil
Orientation programmes	01
Staff training conducted by the university	04
Staff training conducted by other institutions	02
Summer / Winter schools, workshops, etc.	04

Department of Sociology and Social Work

Academic Staff Development Programmes	Numberof Faculty
Refresher courses	Nil
HRD programmes	02
Orientation programmes	01
Staff training conducted by the University	04
Staff training conducted by other institutions	02
Summer/winter Schools,Workshops,etc.	02

Department of HRM & OB

Academic Staff Development Programmes	Number of Faculty
Refresher courses	01
HRD programmes	07
Orientation programmes	07
Staff training conducted by the University	07
Staff training conducted by other institutions	06
Summer/winter Schools,Workshops,etc.	06

Department of Economics

Academic Staff Development Programmes	Number of Faculty
Refresher courses	Nil
HRD programmes	06
Orientation programmes	04
Staff training conducted by the University	04
Staff training conducted by other institutions	01
Summer/winter Schools,Workshops,etc.	07

Department of Plant Sciences

Academic Staff Development Programmes	Number of faculty
Refresher courses	01
HRD programmes	04
Orientation programmes	01
Staff training conducted by the university	04
Staff training conducted by other institutions	Nil
Summer / Winter schools, workshops, etc.	02

Centre for Molecular Biology

Academic Staff Development Programmes	Numberof Faculty
Refresher courses	02
HRD programmes	04
Orientation programmes	Nil
Staff training conducted by the University	04
Staff training conducted by other institutions	01
Summer/winter Schools,Workshops,etc.	02

Department of Chemistry and Chemical Sciences

Academic Staff Development Programmes	Number of Faculty
Refresher courses	01
HRD programmes	04
Orientation programmes	01
Staff training conducted by the University	04
Staff training conducted by other institutions	Nil
Summer/winter Schools,Workshops,etc.	01

Department of Physics & Astronomical Sciences

Academic Staff Development Programmes	Number of Faculty
Refresher courses	01
HRD programmes	02
Orientation programmes	01
Staff training conducted by the University	04
Staff training conducted by other institutions	Nil
Summer/winter Schools,Workshops,etc.	02

Department of Marketing Supply Chain Management

Academic Staff Development Programmes	Number of faculty
Refresher courses	01
HRD programmes	04
Orientation programmes	02
Staff training conducted by the university	04
Staff training conducted by other institutions	Nil
Summer / Winter schools, workshops, etc.	06

Department of Nano Science & Material

Academic Staff Development Programmes	Number of Faculty
Refresher courses	01
HRD programmes	04
Orientation programmes	01
Staff training conducted by the University	04
Staff training conducted by other institutions	Nil
Summer/winter Schools,Workshops,etc.	04

Department of Hindi & Other Indian Languages

Academic Staff Development Programmes	Number of Faculty
Refresher courses	00
HRD programmes	02
Orientation programmes	00
Staff training conducted by the University	02
Staff training conducted by other institutions	00
Summer/winter Schools,Workshops,etc.	02

Department of Animal Sciences & Wildlife

Academic Staff development Programmes	Number of Faculty
Refresher courses	Nil
HRD programmes	Nil
Orientation programmes	01
Staff training conducted by the University	04
Staff training conducted by other institutions	Nil
Summer/winter Schools,Workshops,etc.	02

Department of Tourism & Travel Management

Academic Staff development Programmes	Number of Faculty
Refresher courses	Nil
HRD programmes	04
Orientation programmes	03
Staff training conducted by the University	04
Staff training conducted by other institutions	02
Summer/winter Schools,Workshops,etc.	03

Department of Education Studies

Academic Staff development Programmes	Number of Faculty
Refresher courses	02
HRD programmes	NIL
Orientation programmes	04
Staff training conducted by the University	05
Staff training conducted by other institutions	02
Summer/winter Schools,Workshops,etc.	02

Department of Mathematics

Academic Staff development Programmes	Number of Faculty
Refresher courses	01
HRD programmes	02
Orientation programmes	01
Staff training conducted by the University	04
Staff training conducted by other institutions	NIL
Summer/winter Schools,Workshops,etc.	NIL

Department of Public Policy and Public Administration

Academic Staff development Programmes	Number of Faculty
Refresher courses	NIL
HRD programmes	NIL
Orientation programmes	02
Staff training conducted by the University	04
Staff training conducted by other institutions	NIL
Summer/winter Schools,Workshops,etc.	05

Department of Computer Science & IT

Academic Staff development Programmes	Number of Faculty (7)	
	Regular(4)	Contractual (3)
Refresher courses	1	0
HRD programmes	2	0
Orientation programmes	2	0
Staff training conducted by the University	4	3
Staff training conducted by other institutions	4	3
Summer/winter Schools,Workshops,etc.	4	3

Department of Environmental Sciences

Academic Staff development Programmes	Number of Faculty
Refresher courses	Nil
HRD programmes	04
Orientation programmes	04
Staff training conducted by the University	04
Staff training conducted by other institutions	Nil
Summer/winter Schools,Workshops,etc.	Nil

Department of English & Comparative Litrature

Academic Staff development Programmes	Number of Faculty
Refresher courses	Nil
HRD programmes	04
Orientation programmes	One
Staff training conducted by the University	04
Staff training conducted by other institutions	Nil
Summer/winter Schools,Workshops,etc.	Nil

2.4.9 What percentage of the faculty have been invited as resource persons in

- **Workshops/Seminars/ Conferences organized by external professional agencies?**
- **participated external Workshops/Seminars/Conferences recognized by national/international professional bodies?**
- **presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies?**
- **teaching experience in other universities/national institutions and other institutions?**
- **industrial engagement?**
- **international experience in teaching?**

Department of English

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/ Conferences organized by external professional agencies? **14.3%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies?**100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies?**100%**
- teaching experience in other universities/national institutions and other institutions?**71.4%**
- industrial engagement? **54%**
- international experience in teaching?**14.3 %**

Department of Animal Sciences & Wildlife

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **25%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%.**
- teaching experience in other universities/national institutions and other institutions?
- industrial engagement? **Nil**
- international experience in teaching? **Nil**

Department of Chemistry & Chemical Sciences

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **Nil**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? **57.14%**
- industrial engagement? **Nil**
- international experience in teaching? **Nil**

Department of Physics & Astronomical Sciences

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **33.3%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions?**50%**
- industrial engagement? **NIL**
- international experience in teaching? **NIL**

Department of Nano Sciences & Material Sciences

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **20%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? 100**%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? 10**0%**
- teaching experience in other universities/national institutions and other institutions? **NIL**
- international experience in teaching? **NIL**

Centre of Molecular Biology

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **Nil**
- participated external Workshops/Seminars/Conferences recognized by national / international professional bodies? **50%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%.**
- teaching experience in other universities/national institutions and other institutions?
- industrial engagement? **20%**
- international experience in teaching? **Nil**

Centre of Comparative Religions & Civilizations

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **Nil**
- participated external Workshops / Seminars / Conferences recognized by national / international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? **57.14%**
- industrial engagement? **Nil**
- international experience in teaching? **Nil**

Department of Marketing & Supply Chain Management

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **20%**
- participated external Workshops / Seminars / Conferences recognized by national / international professional bodies? **20%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions?**57.14%**
- industrial engagement? **60%**
- international experience in teaching? **Nil**

Department of Hindi

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **100%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies?**20%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? 80%
- international experience in teaching? **NIL**

Department of Computer Science & IT

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **42.85%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? **100%**
- industrial engagement? **28.57%**
- international experience in teaching?**14.28%**

Department of National Security Studies

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **80%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? **80%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **80%**
- teaching experience in other universities/national institutions and other institutions? **80%**
- industrial engagement? **10%**
- international experience in teaching? **30%**

Department of Environmental Sciences

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **14.3%**
- Participated in external Workshops/Seminars/Conferences recognized by national/international professional bodies? **100%**
- Presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **75%**
- Teaching experience in other universities/national institutions and other institutions? **71%**
- Industrial engagement? **14.3%**
- International experience in teaching? **28.6%**

Department of Mass Communication and New Media

- What percentage of the faculty have been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies? **25%.**
- participated external Workshops/Seminars/Conferences recognized by national / international professional bodies? **75%.**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **75%.**
- teaching experience in other universities/national institutions and other institutions? **75%.**
- industrial engagement? **75%.**
- international experience in teaching? **25%.**

Department of Sociology and Social Work

What percentage of the faculty have

- been invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies? **10%**
- participated external Workshops / Seminars / Conferences recognized by national / international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%. All the faculty members have presented papers in the Workshops/Seminars/Conferences conducted or recognized by professional agencies**
- teaching experience in other universities/national institutions and other institutions? 50%
- industrial engagement? **100% (Social)**
- international experience in teaching? **20%**

Department of (HRM & OB)

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **57.14%**
- participated external Workshops / Seminars/Conferences recognized by national / international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? **57.14%**
- industrial engagement? **57.14%**
- international experience in teaching? **57.14%**

Department of Economics

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **57.14%**
- participated external Workshops/Seminars/Conferences recognized by national / international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions?**57.14%**
- industrial engagement? **NIL**
- international experience in teaching? **NIL**

Department of (Tourism & Travel Management)

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **40%**
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? **60%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **60%**
- teaching experience in other universities/national institutions and other institutions? **NIL**

- industrial engagement? **NIL**
- international experience in teaching? **NIL**

Department of Education

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **83.33%**
- participated external Workshops/Seminars/Conferences recognized by national / international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? **40%**
- industrial engagement? **83.33%**
- international experience in teaching? **NIL**

Department of PPPA

What percentage of the faculty have

- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? **33%**
- participated external Workshops / Seminars/Conferences recognized by national / international professional bodies? **50%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? **NIL**
- industrial engagement? **NIL**
- international experience in teaching? **NIL**

Department of Mathematics

- What percentage of the faculty have
- been invited as resource persons in Workshops/Seminars/Conferences organized by external professional agencies? 40%
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? **100%**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? **100%**
- teaching experience in other universities/national institutions and other institutions? **80%**
- industrial engagement? **Nil**

international experience in teaching? **Nil**

2.4.10 How often does the University organize academic development programmes (*e.g.*: curriculum development, teaching-learning methods, examination reforms, content / knowledge management, etc.) for its faculty aimed at enriching the teaching-learning process?

- Different Departments of the University around the year organize workshops to enrich the teaching learning processes.
- Course of different nature are aimed at imparting the latest subject specific knowledge with an objective to enhance teaching and research skills of the teaching fraternity.

- The University organizes academic development programmes regularly for content/knowledge management through eminent series lectures. A NAAC sponsored seminar on Accreditation awareness was organized on examination reforms as its one aspect. Different departments hold brain storming sessions for improving teaching learning process.

2.4.11 Does the University/department have a mechanism to encourage

- Mobility of faculty between universities for teaching?
- Faculty exchange programmes with national and international bodies?
  If yes, how have these schemes helped in enriching the quality of the faculty?

- The University has recently signed an MOU with Central University Himachal Pradesh, Central University Kashmir for vertical and horizontal mobility of students and faculty among these universities .
- In the previous academic session, the first joint consultative meeting has ben convened to discuss the modalities of common curriculum, credit transfer and faculty exchange**.**
- Faculty members of the University visit other universities at regular intervals to deliver lecture as resource persons. Such schemes provide wide exposure to the faculty and make them aware of the national and international issues in their respective fields which is reflected in their teaching practices.
- The Department of TTM has entered into MoU with Central University of Kashmir for exchange of faculty. It is expected to help the teachers to improve and get more exposure through interaction with students of different places.

2.5 Evaluation Process and Reforms

2.5.1 How does the University ensure that all the stakeholders are aware of the evaluation processes that are in place?

- The University ordinances are available on University website, which gives complete information on the evaluative process.
- The syllabus and scheme consisting of details of evaluation process of each programme is displayed on the University website so that the students, teachers and all other stakeholders can easily access the required information.

2.5.2 What are the important examination reforms initiated by the University and to what extent have they been implemented in the University departments and affiliated colleges? Cite a few examples which have positively impacted the examination management system.

- Since its inception, the CUJ has adopted, Comprehensive Continuous Internal Assessment evaluation process and the same is being followed in letter and spirit.
- Examination forms have been made available on the university website besides examination fee has been integrated with regular fee.
- The Departments show evaluated answer copies of tests as well as semester exams to the students. They can compare their answers with other students and see the best answers.
- The performance of the students in the mid-semester help the students to improve their performance in end semester examination.
- 50% of the question papers are set and evaluated by external examiners. The external examiners are invited at the University for evaluating the scripts and the same are than shown to the students by the external evaluators. The external examiners discuss the evaluated scripts with the students.

- The student is given the right to discuss with the evaluator and get satisfied with awarded marks. The entire process is completely transparent.
- The student can appeal to Board at the end of Semester examination, if he/she remains dissatisfied.
- Ordinances, notices, examination schedules, academic calendars and results for all the courses are hosted on the University website for all the stakeholders for each course

2.5.3 What is the average time taken by the University for declaration of examination results? In case of delay, what measures have been taken to address them? Indicate the mode / media adopted by the University for the publication of examination results (*e.g.* website, SMS, email, etc.).

- The average time taken to declare the result after examination is less than 10 days .
- Hard copies of result notifications are supplied to the respective Departments for display on Notice Board for intimation to candidates.

2.5.4 How does the University ensure transparency in the evaluation process? What are the rigorous features introduced by the University to ensure confidentiality?

- The University ensures transparency in the evaluation process.
- Each student is shown answer sheets after evaluation by the Faculty and marks are reviewed.
- Students are briefed about the criteria of assessment and the mistake they have committed in answering the questions making this process open to scrutiny.
- Confidentiality is achieved by setting multiple copies of the question paper. The photocopied set of papers are put in a sealed and signed envelope by the paper setter himself. Full confidentiality and secrecy is ensured with reference to examination.
- Centre wise set of sealed question papers are prepared for delivery to respective centre.

2.5.5 Does the University have an integrated examination platform for the following processes?

Pre-examination processes ± Time table generation, OMR, student list generation, invigilator, squads, attendance sheet, online payment gateway, etc.

- Time table is prepared every semester according to the Academic Calendar.
- The data relating to the number of students enrolled department wise is sent to the office of Controller of Examinations through R/R.
- The students are counted paper wise for each course.
- The eligibility of the students is determined for appearing in the end semester examination after getting record of attendance and passing in internal & mid semester examinations.
- The admit cards and Roll No. Slips are prepared and sent to the Departments for eligible students.
- Question papers are set as per approved syllabi, printed and sealed with complete confidentiality.
- Exercise relating to appointment of invigilators and generation of attendance sheets is undertaken by the concerned Department.

Examination process ± Examination material management, logistics, etc.

- Examination material management ,logistics etc. is taken care by the examination branch.
- The demand for logistics is placed before the concerned authority well in advance so as to avoid any logistic issue before or during exams.

Post-examination process ± Attendance capture, OMR-based exam result, auto processing, generic result processing, certification, etc.

- Students are required to mark their attendance during each examination and the attendance sheets are submitted by the superintendent to the Head of the Department.

- A software titled CBCS has been prepared to ensure recording of marks in the award rolls in digital form so that the mark sheets and the result register may be generated using digitalized data.
- This process facilitates preservation of data in digitalized format for future reference and record purposes.

2.5.6 Has the University introduced any reforms in its Ph.D. evaluation process?

- The admission to M.Phil-Ph.D Integrated Programme / Ph.D. programme is made through CUCET (entrance test).
- No. of vacancies per department is notified before admission.
- The course work is a compulsory requirement in each course.
- Plagiarism check is mandatory for Ph.D thesis.
- Pre-submission seminars is a compulsory requirements.
- The University follows the UGC (Minimum Standards and Procedure for the Award of M.Phil/Ph.D degrees resolution, 2016) regulations in relation to Ph.D. .

2.5.7 Has the University created any provision for including the name of the college in the degree certificate?

No regular college exists as on date.

2.5.8 What is the mechanism for redressal of grievances with reference to examinations?

- Grievances related to Evaluation and examinations are resolved at the departmental level itself.
- The student can discuss and seek clarifications with the evaluator at the time of seeing the answer sheets. If not satisfied by the evaluator, the student may represent his case to head of the department,which will be considered by a committee consisting of Dean of the school, Head of the department and teacher concerned. Decision of the committee is considered as final.
- Grievances related to Examination Processes like issue of admit card, correction in marks sheet, issue of degree are resolved by the appropriate authorities associated with the examinations.

2.5.9 What efforts have been made by the University to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved the process and functioning of the examination division/section.

- Examination branch has endeavoured to assist University Departments by providing a software titled CBCS to ensure recording of marks in the award rolls in digital form.
- This process facilitates preservation of data in digitalized format for future reference and record purposes.
- M.Phil thesis , their titles/topics and supervisors allotted to the candidates are approved by Concerned Board of Studies and School Board.
- The office of the controller of examination ensures that the submitted thesis is in accordance with approved titles/topics and under authorized supervisor.
- Further, the examination branch in consultation with various departments issues advisories and seeks feedback for effective functioning from teachers, scholars, alumni and final year outgoing students.

2.6 Student Performance and Learning Outcomes

2.6.1 Has the University articulated its Graduate Attributes? If so, how does it facilitate monitor its implementation and outcome?

- The curriculum of Post Graduate, Post Graduate Diploma and Certificate courses of University are prepared in accordance with norms of UGC and other regulatory bodies such as NCTE, AICTE, etc. to meet the academic standard.
- The content of syllabi is strictly implemented to facilitate the students in acquiring knowledge and skills in their respective subjects by employing recent technologies.
- The PG and Diploma students are provided in-house projects/training/field work to update with the advanced knowledge and skills. They are prepared to participate in group discussions and seminars; provided individual training that induces innovative ideas and enhances their communicative skills and also imparts good work culture and ethical values.
- The University encourages the students to participate in the celebration of National festivals; observation of national science day, and quiz competition on various subjects.
- Student's Welfare Unit and NSS Units of the University undertake various cultural, social and environmental related activities through student participation to expose them to local, national, traditional, social and cultural activities which build a leadership quality, sense of national integrity and induce to take social, ethical, cultural and environmental responsibilities.
- The University provides free space for thinking independently and ignite the minds of students to face new challenges.
- Departmental platforms in terms of Associations and Clubs are formed that cater to the development of the following: a) Team Leadership behaviour b) Communication, soft skills and personality development c) Social sensitivity and community services d) Development of civic and aesthetic sense

2.6.2 Does the University have clearly stated learning outcomes for its academic programs? If yes, give details on how the students and staff are made aware of these?

- All the departments of the University have clearly stated the objectives of each course it offers.
- Since these objectives have been set by the teachers and approved by Boards of Studies so the teachers are already aware of these and each student is given a copy of the course curriculum which is extensively discussed in the introductory classes.

2.6.3 How are the University teaching, learning and assessment strategies structured to facilitate the achievement of the intended learning outcomes?

- The teaching - learning process is not only theoretical but also blends with classroom assignments, departmental workshops and presentations for student participation. There are separate practical classes and remedial classes to meet the intended learning outcomes.
- Students have rich library as well as computer and internet facilities. The students can also access the online library and e-resources.
- The Departments follow continuous internal evaluation process which include submission of assignments, seminars and presentations.
- In addition to this, course curriculum are updated periodically in line with the changing requirements of the industries so as to increase employability of the students.

2.6.4 How does the University/department collect and analyze data on student learning outcomes and use it to overcome the barriers to learning?

- The process of getting students feedback has been initiated recently.
- The students were given feedback forms which once filled were collected and evaluated by the parent departments. Likewise, necessary action has been taken as desired and required in the interest of the students.

2.6.5 What are the new technologies deployed by the University/department in enhancing student learning and evaluation and how does it seek to meet fresh/future challenges?

- The University facilitates computer aided teaching, projectors, video-conferencing equipments, smart boards etc like facilities for departments.
- New softwares are procured for learning and evaluation purposes. Any particular software or hardware required by any department for teaching can be procured. In addition to this, classes are equipped with smart boards and modern teaching aids for teaching purposes.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

3.1 Promotion of Research

3.1.1 Does the university have a Research Committee to monitor and address issues related to research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

- The Central University of Jammu has Board of Studies from each Department and School Board for each school which function as research committees to monitor and address issues related to research. The composition of research committees includes Dean, Head of Departments, External Experts and faculty members. The external members who are experts of their respective disciplines are involved in Board of Studies of the Department and School Board. The external members are also involved in evaluating minor research projects by circulation.
- The Central Research committee has been constituted with a mandate to facilitate and monitor all research related activities.

Composition of Board of Research Studies.

a)	Vice-Chancellor	Chairperson
b)	Pro Vice-Chancellor	Member
c)	Deans of Schools	Member
d)	Heads of the Deptts (not more than five by rotation to be nominated by the V.C)	Member
e)	Five Professors (other than deans and heads of the deptts.) by rotation to be nominated by the Vice-Chancellor.	Member
f)	Four Associate Professors representing different disciplines in the university to be nominated by the Vice-Chancellor.	Member
g)	Four external experts representing different disciplines in the university to be nominated by the Vice-Chancellor.	Member
h)	Registrar	Secretary

The committee follows the guidelines as under :

The committee has recommended compulsory plagiarism check of Ph. D thesis through the software provided by INFLIBNET to ensure genuinity of research work. The committee has recommended uniform pattern of enrolment through entrance test, followed by interview with a defined weightage.

To enhance the quality of research, the committee has laid the following benchmarks:

- The publication shall be screened for selecting the best publication for granting award.
- The research projects will be solicited from faculty for financial assistance by the University (in-house).
- Proposes to carry joint research projects with Central University of Kashmir and Central University of Himachal Pradesh.
- Organize Workshops in selected area of research.
- Faculty members have been advised to publish two papers in a year in reputed journal.

Various recommendations pertaining to the proposals submitted for undergoing research have been implemented by the Departments. As these implementations are recent in nature, their impacts needs to be assessed after a certain gap of time.

3.1.2 What is the policy of the university to promote research in its affiliated/constituent colleges?

- The university has only one community college running course of 1 year of Beauty and Wellness. Since this is only of one year duration for diploma course after 10+2, so the scope of research is not available. The university by now does not have any other affiliated/constituent college.

3.1.3 What are the proactive mechanisms adopted by the university to facilitate the smooth implementation of research schemes/ projects?

- **advancing funds for sanctioned projects**
  providing space, furniture
- **providing seed money**
- **simplification of procedures related to sanctions / purchases to be made by the investigators**
- **autonomy to the principal investigator/coordinator for utilizing overhead charges**
- **timely release of grants**
- **timely auditing**
- **Timely submission of utilization certificate to the funding authorities**
- A committee has been constituted for mobilizing resources from different government bodies. Apart from this, as and when information is received from the funding agencies, the same is disseminated to all the faculties through the Head of the Department.
- The finance committee periodically audits the account statements of the University besides CAAG audits. Apart from these, the finances utilised by the University under different heads are reported to different authorities of the University which includes the Academic Council, Executive Council and University Court.
- The University follows a policy of promoting the teaching staff to apply for projects from various national and international funding agencies like UGC, ICSSR,DST, World Bank, etc. The university has nominated academic coordinator to look after the proposals and same are submitted to experts for evaluation.
- Regarding seed money, University allocates the requisite seed money/start up grant for research related initiatives in the start of career in the institution after proper approval from the concerned committees.
- Regarding the simplification of the procedures, there is a purchase policy of the University which follows the provisions as outlined in relevant ordinance.
- The Vice-Chancellor has constituted the non-statutory advisory board in sciences and advisory research board for handling all matters related to the implementation of choice based credit system, inter-institutional credit transfer arrangements and course equivalence.
- The advisory research board will expedite and increase the faculty for writing projects which they can then send to funding agency at the national level for the financial support.

The advisory board has the following constitution.

a) **Heads of the department**
   Deptt of Physics and Astronomical science
   Deptt of Animal Sciences and Wild Life
   Deptt. of Chemistry and Chemical Sciences.
   Deptt. of Nano Sciences and Materials.
   Deptt. of Plant Sciences.

The advisory research board has all members of advisory board in sciences, one associate professor and one assistant professor from each science department by rotation.

- University has facilitated the research aspirants from different departments. For instance the following faculty members were facilitated for smooth implementation of research schemes / projects.
- Dr. Anita Singh, Assistant Professor selected for Raman Fellowship of UGC for conducting Post-doctoral Research at University of Georgia, USA from February 2017 to February 2018.
- Dr. Shweta Yadav, Assistant Professor has been placed on the principal panel of scholars recommended

for 2017-2018 Fulbright Kalam Climate Fellowship for Postdoctoral research. This prestigious fellowship is administered by United States-India Educational Foundation (USIEF).

- Mr. Bhat Iqbal Majid from Social Work is attending the Summer School, University of Freiburg, Germany.
- Dr. J. Jeganaathan has been provided scholarship for attending a programme at Fudan Development Institute(FDDI), Fudan University, Shanghai,China.

3.1.4 How is interdisciplinary research promoted?

between/among different departments /schools of the university and Collaboration with national/international institutes / industries.

In this regard, University facilitates and encourages open house discussions regularly to be held by the Departments which provide platform for faculty members and research scholars to get awareness of each others research areas. The main initiatives taken by the University are as follows :

- There is a research club undertaking different research oriented activities.
- University Research Committee identifies the interdisciplinary research areas and promotes the flexibility of registration of a scholar in the desired departments and provides mentorship by allotting supervisor and co-supervisors.
- For collaborations, University encourages collaborations at inter-departmental and inter-university by signing memorandum of understanding.
- At individual level, if researcher is required to invite any person related to research, the requisition for invitation is conceded.
- University has established incubation, innovation and entrepreneurship council as a centralized body which monitors the functioning of different cells and centres. University is promoting research at cutting edge level.
- If a faculty is invited for any such research initiative or collaboration outside they are facilitated through simple process for availing grants from various national funding agencies.

3.1.5 Give details of workshops/ training programmes/ sensitization programmes conducted by the university to promote a research culture on campus.

The details of workshops/ training programmes/ sensitization programmes conducted by the university to promote a research culture on campus are given at next page.

Department of HRM & OB:

Till Date 18 workshops and capacity building programmes have been organised have

Title	Year
7 Day workshop by Jammu and Kashmir Entrepreneurship Development Institute (JKEDI) May 5-11, 2014	2014
Workshop on Personality Development September 26, 2014	2014
Three day National Workshop on ***"Scholarly Writing and Plagiarism: Key concerns"***	2014
Workshop on Perception September 16, 2013	2013
Collaborative Event: Department of MBA (HRM) in academic collaboration with Govt. Degree College, Rajouri, conducted a workshop on ***"Research Methodology in Social Sciences for ST/SC Scholars***	2013
HR Workshop on ***"Acquisition, Nurturing and Retention of Talent-A Futuristic Approach"***	2013
Faculty Development Program on ***Scholarly Writing and Case Analysis***	2012

Department of TTM:

Title	Year
Three days workshop on **"Fundamentals of Career"**	2014

Department of Computer Science and IT:

Title	Year
State level seminar on "Network Essentials"	2012
Workshop on ***"Working with Computers"*** from 12 -18 Dec, 2013 for Old Age Citizens and underprivileged children.	2013
Three day workshop on Essential Computing Techniques	2015

Department of English & Comparative Literature

Title	Year
Two days Workshop on ***Comparative Literatures*** from October 9-10, 2012.	2012
Debate competition to celebrate **International Women's Day** on the topic : ***"Women and Media: Representation or Misrepresentation"*** on 20th March, 2014.	2014

Department of English, Central University of Jammu on Extension Lectures by Prof. Chandra Mohan from 28 th October to 30 th October, 2014.	2014
Four days Extension Lectures by Prof. Chandra Mohan from 25-28 March, 2014 on following topics: ***Postcolonialism Diaspora Postmodernism***	2014
*"**LIT WIT Quiz** "* on 21 July, 2014 to inaugurate the session 2014-2015. Students of MA and Research Scholars participated in the quiz.	2014
One day Extension Lectures by Sunayani Bhattacharya on ***"Race and Caste"*** on 6 th August, 2014.	2014
Three days on ***Extension Lectures*** by Prof. Chandra Mohan from 28 - 30 October, 2014.	2014
Organized one day the first literary meet of *Illuminati* on 2nd December, 2014, on the topic, ***Affective Communities: Operations of Affect in South Asia*** *today*followed by the second on 9th December, 2014.	2014
Extension Lecture: Prof. SumanyuSathpathy, Head, Department of English, University of Delhi, was invited to deliver a lecture on **"Translating Nonsense: Issues and Contexts"** on 20th January, 2015**.**	2015
Extension Lecture: Prof Rajni Palariwala, from the Department of Sociology, Delhi School of Economics, University of Delhi, delivered a lecture **on "Marriage and Co-habitation in South Asia,"** on 20th April.	2015
Extension Lecture: Prof. Tejnath Dhar, Department of English, University of Kashmir, delivered a lecture on**, "Reading,"** on 6th August, 2015**.**	2015
The Department of English, Central University of Jammu organized a screening of ShashiTharoor at Oxford Union on 1st September, 2015.	
Extension Lecture: Prof. DeepsheekhaKotwal (Head, Department of Mass Communication and New Media spoke of "Reparation and Colonization."	2015
Extension Lecture: Prof. Ashok Mahapatra, Department of English, University of Sambalpur, delivered a lecture on**, "Intertextuality: Revisiting a Passage to India"** on 17th October, 2015**.**	2015
Extension Lectures: Dr. RoshanLal, Head, Department of English, Central University of Himachal Pradesh deliberated upon **"Theory: In Contemporary Times"** on 28th October, 2015.	2015

Prof. Md. Aslam, Head, Department of English, Central University of Kashmir spoke at length on **"Linguistics: Language and Communication"** on 28th October, 2015.	2015
An Extension Lecture was delivered by Prof. Anil Raina, Department of English and Cultural Studies, Panjab University on "Research Methodology," on 17th August, 2016.	2016

Department of Educational Studies

Title	Year
National Seminar on "Priorities and Directions in Teacher Education" on February 10, 2014.	**2014**

Department of NSS

Title	Year
Panel Discussions : • ***LoC in Crises : The Way Forward?***, 11 November 2014 • ***"Shauryanjali" : Commemorating 1965 War,*** 23 September 2015 • ***Revisiting 26/11 in Present Context,*** 26 November 2015-11-25	2015
Eminent Lectures Series : • Lt. Gen (Retd.) Prakash Menon, Military Advisor to Prime Minister Office (PMO), ***"Challenges of Cyber Security Threat to India : Way Ahead,"*** 28 April, 2014	2014
• **Dr. Habil, Christian Wagner,** Senior Fellow at German Institute for International and Security Affairs (SWP), Berlin, ***"War & Peace in South Asia",*** 26 March 2015	2015
•**Prof. Alka Acharya,** Director, Institute of Chinese Studies (ICS) New Delhi, ***"The NDA Regime and India-China Relations" Expectation and Possibilites",*** 7 September 2015	2015
Third seminar was organised in collaboration with IIPA, J&K Branch titled **"Floods in 2014: Lessons for Disaster Management in J&K,** 2-3, February 2015.	2015
Consultative Meeting on **"Cross LoC Trade CBMs: The Case of Ladakh Region"**, with stakeholders from Leh, 20-22 August 2016.	2016

National conference was organised in collaboration with Christ University, Bangalore **"Emerging Trends in Non -Traditional Security: Threats and Responses,** 2-3, September 2016.	2016
Consultative Meeting on **"Cross LoC Trade CBMs: The Case of Ladakh Region"**, with stakeholders from Kargil, 23-26 September 2016.	2016
Consultative Meeting on **"Cross LoC Trade CBMs: The Case of Ladakh Region"**, with stakeholders from Leh, 20-22 August 2016.	2016
Consultative Meeting on **"Cross LoC Trade CBMs: The Case of Ladakh Region"**, with stakeholders from Kargil, 23-26 September 2016.	2016

Department of Economics

Title	Year
Two day training workshop was conducted to train the students in data collection, editing and its analysis on the topic " Role of Women in Household Decision Making" during 2012-13.	**2013**
Two day training workshop was conducted to train the students in data collection, editing and its analysis on the topic "Household Demand for Children" during 2013-14.	**2014**
Two day training workshop was conducted to train the students in data collection, editing and its analysis " Socioeconomic Background of the Household and Health Status of the Young Children " during 2014-15.	**2015**

Department of Sociology & Social Work

Title	Year
Consultation on Training Needs for Institutions Working for Persons with Disability-The Consultation was facilitated by Dr. Indumathi Rao, President, CBR Network, South Asia.	**2016**

3.1.6 How does the university facilitate researchers of eminence to visit the campus as adjunct professors? What is the impact of such efforts on the research activities of the university?

Eminent experts from academia and industry are empanelled as visiting and adjunct faculty for promoting research environment. A series of lectures Called "Eminent Lecture Series" is being conducted by the University. 9 Adjunct faculty members have been appointed by the university till 2016 in various departments. A few of the visiting faculty members for various departments are as follows :-

Department of Mass Communication and New Media

- Prof. Kuldeep Chand Agnihotri, Vice Chancellor, Central University of Himachal Pradesh, H.P.
- Prof. Rattan Lal Hangloo, Vice Chancellor, University of Allahabad, U.P.
- Shri Rajesh Badal, Executive Director, Rajya Sabha TV, New Delhi.
- Dr. Vijay Rana, Editor, BBC Hindi Sewa, London, UK.
- Prof. Rajbir Singh, Director, CEC, UGC, New Delhi.
- Prof. Ashok Ogra, Director, Apeejay School of Mass Communication, New Delhi.
- Prof. Shambhunath Singh, School of Journalism and Mass communication, IGNOU, New Delhi.
- Prof. J. Jethwaney, Department of Advertising and Public Relations, Indian Institute of Mass Communication, New Delhi.
- Prof. K. Narender, Department of Communication and Journalism, Osmania University, Hyderabad.
- Prof. M. Kasim, AJK MCRC, Jamia University, New Delhi.
- Prof. N. S. Johal, Department of Journalism and Mass Communication, Punjabi University, Patiyala.
- Prof. Harish Kumar, Department of Journalism and Mass communication, MaharshiDayanand University, Rohtak.
- Prof. M. S. Kidwai, Department of Mass Communication, Aligarh Muslim University
- Prof. Govind Singh, Department of Journalism and Mass Communication, Uttarakhand Open University
- Dr. Mira K. Desai, Department of Extension Education, SNDT Women's University
- Dr. Arul Selvan, School of Journalism and New Media Studies, IGNOU. New Delhi.
- Prof. Sanjeev Bhanawat, HOD, Department of Mass Communication, University of Rajasthan.
- Mr. Shahid Shabir, Senior Journalist, DD Kashir.
- Mr. Rahul Jalali, President, Press Club of India, New Delhi.
- Ms. Anjali Sharma, Director, DD Jammu.
- Mr. Ashwini Kumar, Bureau Chief, Aaj Tak, Jammu.
- Mr. M. K. Bangroo, Senior Journalist, J & K.
- Prof. Kamlesh Duggal, GNDU, Amritsar.

Department of Econonics

- Prof. Satesh Verma, RBI chair, Centre for Research in Rural and Industrial Development (CRRID).
- Prof. A S Bhat, Department of Economics, University of Kashmir.
- Prof. Jasbir Singh, Department of Economics, University of Jammu.
- Dr. Aroon Sharma, Department of Economics, University of Jammu.
- Prof. J R Gupta, Fellow Emeritus, Punjabi University, Patiala.
- Dr. Manoj Bhatt, Department of Economics, University of Jammu
- Prof. M S Bhat, Department of Economics, Faculty of Social Sciences, Jamia Millia Islamia.
- Prof. B A Khan, Department of Economics, University of Kashmir.

Department of Chemistry & Chemical Sciences

Prof. Kamal K. Kapoor
Professor of Organic Chemistry in the department of Chemistry, University of Jammu
Other Visiting Faculty are as follows :-

Department of English

- Prof.Shravan Kumar (GurukulKangri University)
- Prof. SudhaRai (University of Rajasthan)
- Prof. Harish Trivedi (University of Delhi)
- Prof. MotiLal Raina (Panjab University)
- Prof. P.K.Dutta (Univeristy of Delhi)
- Prof.SumanyuSathpathy(Univeristy of Delhi)
- Dr. Subarno Chatterjee (Univeristy of Delhi)
- Prof.Anil Raina (Panjab University)
- Prof. VedGhai (University of Jammu)
- Prof. Posh Charak (University of Jammu)
- Prof. RajniPalriwala (University of Delhi)
- Prof. TejnathDhar (Kashmir University)
- Prof. SuchetaPathania (University of Jammu)
- Prof. Ashok Mahapatra (University of Sambalpur)
- Prof. SatnamKour(University of Jammu)
- Dr. Monica Sethi(University of Jammu)
- Dr. Sadaf Shah (University of Jammu)
- Dr.Garima Gupta (University of Jammu)
- Dr. Vandana Sharma (SMVD University)
- Prof. Md. Aslam (Central University of Kashmir)
- Dr. RoshanLal (Central University of Himachal Pradesh)
- Prof. K.B. Razdan (Retd. University of Jammu)

Department of Plant Sciences

One Adjunct Professor [Prof. Geeta Sumbali, Botany Department, Jammu University]

Department of Molecular Biology

R. N. K. Bamezai (Adjunct Faculty),
Professor of Genetics and Director (Coordinator) National Centre of Applied Human Genetics, School of Life Sciences, Jawaharlal Nehru University, New Delhi

In this connection in the field of molecular biology, plant science and chemistry, three eminent professors have been offered adjunct professors for promoting research in these areas in the newly established science departments.

The most visible impact is in terms of exposure to what is happening current in different areas in different institutes. This helps in overall enhancement of knowledge of the Universities teaching fraternity.

3.1.7 What percentage of the total budget is earmarked for research? Give details of Heads of expenditure, financial allocation and actual utilization.

2% of total budget is earmarked for research.

3.1.8. In its budget, does the university earmark fund for promoting research in its affiliated colleges? If yes, provide details.

The University has no affiliated colleges.

3.1.9 Does the university encourage research by awarding Post Doctoral Fellowships/Research Associateships? If yes, provide details like number of students registered, funding by the university and other sources.

The University is in the process of the Institutionalising.

3.1.10 What percentages of faculty have utilized the sabbatical leave for pursuit of higher research in premier institutions within the country and abroad? How does the university monitor the output of these scholars?

One application for pursuit of higher research in premier institution abroad was received and the sabbatical leave has been approved for a duration of 3 years.

3.1.11 Provide details of National and International conferences organized by the university highlighting the names of eminent scientists /scholars who participated in these events.

BESIDES NATIONAL & INTERNATIONAL CONFERENCES, RESEARCH PROJECTS AWARDED TO FACULTY MEMBERS ARE AS FOLLOWS :-

- **Dr.Pawan Kumar**, Dept. of Nano Science and Materials received prestigious major research grant **(Rs. 49.992 Lakhs)** from **Science and Engineering Research Board (SERB),** GOI, New Delhi for developing novel sensing technique for organic pesticides using porous Nano-materials using parallel analysis with thermal deposition gas chromatography mass spectrometry, **December, 2016.**

- **Dr.Pawan Kumar**, Dept. of Nano Science and Materials received **faculty Start-up** research project on "Novel Practices sensing technique for VOCs in various real media using Nano-crystal metal organic framework" from UGC, **(Rs. 10 Lakhs)**, **September 2016.**

- **Dr.Tanuj Kumar,** Dept. of Nano Science and Materials received research grant from Inter University Accelerator Centre **(IUAC)** New Delhifor his project titled "Importance of Amorphous/Crystalline Interface in Nano-scale Surface Pattering of Si (100) using Ion Beam",**Rs. 12 Lakhs, October, 2016.**

- **Dr.Tanuj Kumar,**Dept. of Nano Science and Materials received research grant **Rs. 16 Lakhs** from **Science and Engineering Research Board (SERB),** GOI, New Delhi for his project titled "Fabrication and Electron transport characteristics of Silicon nano-wires", **December, 2016.**

- **Dr. Pragati Kumar,** Dept. of Nano Science and Materials received research grant **Rs. 40 Lakhs** from **Science and Engineering Research Board (SERB),** GOI, New Delhi for his project titled "Fabrication of Organic/ Inorganic Hetrojunction for Optoelectronic Devices", **December, 2016**

- **Dr. Pragati Kumar**, Dept. of Nano Science and Materials received **faculty Start-up** research project on "Development of Nanostructures based Optical Sensors" from UGC, **(Rs. 10 Lakhs)**, **September 2016.**

- **Dr. Deepak Kumar,** Dept. of Plant Sciences received prestigious major research grants **(Rs 43.992 Lakhs)** from **Science and Engineering Research Board (SERB),** GOI, New Delhi for his project titled "Unraveling the role of Calmodulin (CaM), a calcium Dependent Protein in Potato", **December, 2016.**

Department of HRM & OB

	Title	Year
1.	Two day National Conference on ***"Preparing Next Generation Leadership: A futuristic agenda"***	2013
2.	HRD Congress on "Nurturing World Class Organizations in an Emerging Global Diaspora" September 16th-18th, 2016	2016

Department of English & Comparative Literature:

Title	Year
The first National Seminar on ***The Great War of 1914-Hundred Years and Beyond: Cultural and Literary Responses*** on 3rd & 4th September, 2014.	2014
One day seminar on "***Postmodernism***"	2014
One day seminar on **"*Post colonialism*"**	2014
One day National Seminar on the topic ***"Dowry Murders: Gender Prejudiced Practices in India Today"***	2014
One-day National Seminar on ***"Translation: Issues and Contexts"***	2015
National Seminar on "Changing Dynamics on Media Landscape" 6-7 May, 2016 in the Department of Mass Communication and New Media, Central University of Jammu.	2016
The Department of English, Central University of Jammu organised a one-day National Seminar on In Gender: Issues and Contexts on 20thApril, 2015.	2015
The Department of English, Central University of Jammu organised a one-day Regional Seminar on Bahishkrit Bharat on 13th April, 2015.	2015

Department of Public Policy and Public Administration

Title	Year
National Conference on **"*Public Administration in India in Globalizing World: Convergence, Divergence and Transformation"***	2015

Department of Mass Communication & New Media

Title	Year
A National Seminar on 'Changing Paradigm and Media Landscape' has been organised by Department of Mass communication and New Media on 6-7 May, 2016.	2015

Department of NSS

Title	Year
First seminar was organised in collaboration with Indian Institute of Public Administration (IIPA), J&K Branch titled "Terror and Tresspasses in India's Northern Borders: Deciphering Grand Strategies of China and Pakistan", 26 November 2013	2013
Second seminar was organised on the topic " Peace and Security in South Asia, 16-17 July 2014	2014
Third seminar was organised in collaboration with IIPA, J&K Branch titled "Floods in 2014: Lessons for Disaster management", 1-2 February 2015	2015
National conference was organised in collaboration with Christ University, Bangalore **"Emerging Trends in Non -Traditional Security: Threats and Responses,** 2-3, September 2016.	2016
National conference was organised in collaboration with Christ University, Bangalore **"Emerging Trends in Non-Traditional Security: Threats and Responses,** 2-3, September 2016.	2016

Department of Social Work

Title	Year
JK State level conference for Juvenile Justice (care and protection of children) Act: Options and Opportunities. The conference was funded by UNICEF	2016

3.2 Resource Mobilization for Research

3.2.1 What are the financial provisions made in the university budget for supporting students' research projects?

Every registered scholar in M.Phil and Ph. D from each Department is paid a scholarship of amount of Rs. 5000/- and Rs. 8000 to M. Phil and Ph. D scholars, respectively.

3.2.2 Has the university taken any special efforts to encourage its faculty to file for patents? If so, how many have been registered and accepted?

Yes, the University encourages its faculty to file for patents by upgrading their knowledge and promoting capacity building through facilitating participation in refresher courses and general orientation of courses.

3.2.3 Provide the following details of ongoing research projects of faculty

Consultancy / Capacity Building / Awareness Programmes / New Programme from UGC / Workshops.

S.No.	Title of the Project	Principal Investigator/ Co-Investigator	Funding Agency	Amount Sanctioned (In Lakhs)	Year
1	Incubation Centre	Prof. Ashok Aima, Dr. Shahid Mushtaq	M/O MSME, GOI	66,50,000/-	2013
2	Capacity building for Tourism in J&K	Prof. Ashok Aima	J&K Govt.	1,00000/-	2013
3	Capacity Building (Research Methodology)	Prof. Ashok Aima & Dr. Shahid Mushtaq	ICSSR	5,50000/-	2013
5	Capacity Building (Research Methodology)	Dr. Shahid Mushtaq	ICSSR	5,50000/-	2013
6	Research Project	Prof. Pardhasarthi	DST, Govt. of India	3,55,258/-	2014
7	NAAC Accreditation Workshop	Prof. Ashok Aima		2,00,000/-	2014
8	UGC-Startup grant project entitled, "Study of Cyber Crimes in the Universities of Jammu and Kashmir State using Data Mining Techniques"	Dr. Bhavana Arora	UGC	6,00000/ -	2014
9	Consultancy Project on Living and Working Condition of Registered Crafts in J&K	Prof. Ashok Aima, Dr. Jaya Bhasin, Dr. Shahid Mushtaq	M/O Textile GOI	12,00000/	2015
10	Capacity Building Project	Prof. Ashok Aima, Dr. Shahid Mushtaq	ICSSR	5,50000/-	2015

S. No.	Title of the Project	Principal Investigator/ Co-Investigator	Funding Agency	Amount Sanctioned (In Lakhs)	Year
11	Training Project (3 Nos.)	Dr. Jaya Bhasin, Dr. Shahid Mushtaq	M/O Textile	5,50000/-	2015
12	Intellectual Property Rights	Dr. Shahid Mushtaq & Dr. Jaya Bhasin	DEIT Govt. of India	200000/-	2015
13	Tracing the development of Print Media in Jammu and Kashmir	Dr.Bachha Babu Ms. Archana Kumari	Central University of Jammu	APPLIED	2015
14	B. Voc. in Journalism and Mass Communication	Deptt. of Mass Communication & New Media	University Grants Commission	APPLIED	2015
15	Research Methodology Workshop	Deptt. of HRM & OB	ICSSR	5,50000/- 5,50000/- 5,50000/- 9,40,000/-	2014 2015 2016 2016
16	DST INSPIRE project IFA12_ CH-36	Dr. Venkata Ramana Doddi	Department of Science and Technology, Inda.	5,50000/-	2014
17	UGC Major Research Project	Dr. Gaurav Sehgal	UGC	Rs. 10,43000/- pre-revised)	

S. No.	Title of the Project	Principal Investigator/ Co-Investigator	Funding Agency	Amount Sanctioned (In Lakhs)	Year
11	Emerging Trends in Non-Traditional Security: Threats and Responses	Prof. Mallika Joseph	Konrad Adenauer Stiftung	3 Lakhs	2016
12	Cross LoC Trade CBMs: The Case of Ladakh Region	Dr. J.Jeganaathan	Conciliation Resources	10,000 Euros	2015
13	Implications of China's 'One Belt, One Road' (OBOR) project for India's National Security: A 'Sub Regional' Perspective (Jammu & Kashmir)	Dr. J.Jeganaathan		3 Lakhs	2016

University Sanctioned 06 Minor Research, Projects to 13 faculty members after external evaluation (July-December, 2016) (Funding Agency Central University of Jammu)

S.No.	Title of the Project	Faculty	Amount
Department of Human Resource Management & OB			
01.	"Scouting Entrepreneurial Intentions of Post Graduate Students Vis -à-vis Make in India Campaign"	**1.** Dr. Jaya Bhasin **2.** Dr. Neelika Arora, **3.** Dr. Shahid Mushtaq	**Rs. 2 lacs**
Department of Educational Studies			
02.	"Universalization of Elementary education in the context of Implementation of SravaShikshaAbhiyan in Jammu Division"	**1.** Dr. Pramod Kumar	**Rs. 2 lacs**
03	"Sustainable University and School Partnership: An Outreach Approach to Capacity Building of Secondary School Teachers and Students of Vijaypur Zone of District Samba"	**1.** Dr. J.N. Baliya **2.** Dr. RituBakshi **3.** Dr. Aman	**Rs. 2 lacs**
Department of Public Policy andPublic Administration			
04.	"Assessment of J&K Public Service Delivery Guarantee Act, 2011: A study of Jammu Municipal Co-operation"	**1.** Dr. G.K. Inakhiya **2.** Dr. Mohit Sharma	**Rs. 2 lacs**
05.	Role of Information and communication Technology (UCT) in developing innovative and enduring Pedagogical Practices of Higher Education – A Comprehensive Study of the State J&K"	**1.** Dr. Rouchi Chaudhary **2.** Mr. G. Durga Rao, **3.** Dr. D. Paul Sugandhar	**Rs. 2 lacs**
Department of Environmental Sciences			
06.	Chemical Charactization of Drinking water quality in different geological formations in and around Jammu province"	**1.** Dr. Pankaj Mehta	**Rs. 2 lacs**

3.2.4. Does the university have any projects sponsored by the industry / corporate houses? If yes, give details such as the name of the project, funding agency and grants received.
NIL

3.2.5. How many departments of the university have been recognized for their research activities by national / international agencies (UGC-SAP, CAS; Department with Potential for Excellence; DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthroughs achieved by this recognition.

Department of Public Policy and Public Administration

- Dr. Rouchi Chaudhary & Dr. Paul Sugandhar were selected as Observers from India to United Nations Committee of Experts on Public Administration, U.N. (CEPA) at UN Headquarters New York USA, on April 18th -22nd 2016.

Department of Chemistry

- National collaboration

1. Prof. Satya Paul, Department of Chemistry, University of Jammu
2. Dr. Aman Mahajan, Group Leader, Apeejay Stya Research foundation, Gurgaon.
3. Prof. R. T. Pardasani, Department of Chemistry, Central University of Rajasthan.
4. Dr. Subrata Banik, School of Chemistry, University of Hyderabad.
5. Dr. Devesh Sawant, Department of Pharmacy, Central University of Rajasthan.
6. Dr. Raghu Chitta, Department of Chemistry, Central University of Rajasthan.
7. Dr. Anuj Sharma, Department of Chemistry, Central University of Rajasthan.
8. Dr. S. Suresh, OBC Division, CSIR-Indian Institute of Chemical Technology, Hyderabad, India.
9. Prof. Y. D. Vankar, Department of Chemistry, IIT Kanpur, India.

International collaboration

1. Prof. R. Benny Gerber, Fritz Haber Center for Molecular Dynamics, Institute of Chemistry, The Hebrew University of Jerusalem, Israel.
2. Dr. Oleg Boyarkin, Ecole Polytechnique Fédérale de Lausanne, Switzerland.
3. Prof. Thomas Rizzo, Polytechnique Fédérale de Lausanne, Switzerland.
4. Dr. Jiri Sebek, University of Chemistry and Technology, Prague, Prague

Department of English

- Inter-institutional collaborative projects and associated grants received

Department of English

National collaboration

- The Department is collaborating with the two Central Universities: Himachal and Kashmir, under Memorandum of Understanding withMA/postgraduate courses.
- The Department is collaborating with two Central Universities of Himachal and Kashmir with Research projects on areas of local interest such as endangered local languages, folk cultures and so forth.

- The book –project translating short stories on the theme of dowry (and women's subjection in India and South Asian Cultures) and its cultural representations taking narratives from Dogri, Gojjri, Himachali, Kashmiri, Hindi and Bangla is on the anvil.
- "Study of Endangered Non-Scheduled Languages in Jammu: Causes and Remedy for Revival"- submitted to the University by Dr. M. A. A. Farooq.

a) International collaboration

- The Department of English has collaborated with the University of Mumbai, Ravenshaw University, University of Delhi, University of Jammu, Clinical Psychologist/ Social Scientist from Trinidad, National University of Singapore for a book/ journal project Illuminati: In Diaspora (in print). (Appendix 1 attached)
- The Department has collaborated with Dr. Santanu Das King's College Oxford on a book-project on the Great War of 1914 and its cultural reverberations. The Book is to be published by Amsterdam University Press.
- Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.

The Department is working on proposals of such projects.

Department of Environmental Sciences

- Investigation of Multi-Scale Temporal Variations and Trend in the Mass Composition and Sources of Carbonaceous Aerosols in Jammu, an Urban Location In the Foothill Region of North-Western Himalayas in collaboration with JNU, New Delhi

- Spatial distribution of Uranium and associated Water Quality Parameters in Eight districts of Jammu Province (Jammu, Kathua, Samba, Reasi Udhampur, Ramban, Rajouri and Doda) in collaboration with BRNS, BARC, Mumbai) project is in pipeline.

3.2.6. List details of

a. Research projects completed and grants received during the last four years (funded by National/International agencies).

b. Inter-institutional collaborative projects and grants received

i. All India collaboration

ii. International

As the university is in its formative stage, there are no Inter – institutional collaborative projects. But, the University is in the process of collaborating with the foreign Universities.

Department of Computer Science & Information Technology

UGC-BSR Research Start-up grant @ Rs.6.00 lacs (Dr.Bhavna Arora)

Department of Human Resource Management & Organizational Behaviour

- National Workshop: 2 Lakhs, NAAC, Bangalore, 2015 10.
- Workshop on Statistical Analysis using AMOS: 50, 000, IBM South Asia, 2015.

- National workshop on Research Methodology for P.hd. of Social Sciences Students: 5.5 Lakhs, ICSSR, New Delhi, 2014-15
- Community College: 62.96 Lakhs, UGC, New Delhi, 2015

Department of Public Policy and Public Administration

- Vivekananda Chair has been received by the Department under twelfth plan in March, 2015 whose mandate is research on ethics and governance.

Department of English

In the last one year the Department has been working on a Translation project. A few narratives of the region of Jammu and surrounding areas have been translated from Dogri into English. The publication of the book will be a step towards state, national as well as international recognition

Department of Plant Sciences

UGC, New Delhi under Major Research Project (MRP) scheme 'Study of synergistic effect of dietary molecules/ nutraceutical(s) in combination with clinically validated cancer chemotherapeutic agents' Rs. 14.05 Lacs

3.3 Research Facilities

3.3.1 What efforts have been made by the university to improve its infrastructure requirements to facilitate research? What strategies have been evolved to meet the needs of researchers in emerging disciplines?

a. Subscription of Journals
b. Online Access of Emerald, Sage, Cengage Learning and Elsevier
c. Inflibnet Database is subscribed by the university
d. Computing Lab with Statistical Software Packages SPSS is subscribed by the University for Data Analysis purpose.
a. Cabins have been provided to the scholars
b. Internet facilities have been provided

Publisher Wise List Full-Text E-Journals

Publisher	URL	No of Titles
Economic and Political Weekly	http://www.epw.in	1
JSTOR	http://www.jstor.org	2585
Wiley	http://onlinelibrary.wiley.com	908
Taylor and Francis	http://www.tandfonline.com	1079
Springer Link	http://link.springer.com	1389
Science Direct	http://www.sciencedirect.com/	1036
Total		**6998**

Full-Text Databases

Publisher	URL	Description
ISID (The Institute for Studies in Industrial Development)	**http://isid.org.in**	ISID has developed databases on various aspects of the Indian economy, particularly concerning industry and the corporate sector. It has created On-line Indexes of Indian Social Science Journals (OLI) and Press Clippings on diverse social science subjects. These have been widely acclaimed as valuable sources of information for researchers studying India's socio-economic development.
JCCC (J-Gate @ UGC-INFONET)	**http://jgateplus.com**	J-Gate is an electronic gateway to global e-journal literature. Launched in 2001 by Informatics India Limited, J -Gate provides seamless access to millions of journal articles available online offered by 12,356 Publishers. It presently has a massive databa se of journal literature, indexed from 41,125 e-journals with links to full text at publisher sites. J - Gate also plans to support online subscription to journals, electronic document delivery, archiving and other related services.It also provides access t o Table of Contents (TOC)- For 41,125 e -journals and a comprehensive searchable database with 42,554,091 articles, with 10,000+ articles added every day.
MathSciNet	**http://www.ams.org/mathscinet**	***Journals*** (*Notices of the AMS*, 8 original research journals, 4 translations journals, 2 open access journals; over 1,100 articles published annually) ***Books*** (approximately 80 new books published annually; over 3,500 titles in print; monographs and proceedings in 27 active series and others not in series; eBook collections and subscription) ***Mathematical Reviews***, founded in 1940 (2.9 million items in the MR database online as **MathSciNet**; approximately 125,000 items added each year; over 2,000 journals covered; links to over 1.7 million original articles; 694,000 authors indexed; over 15,100 active reviewers)
Indiastat.com	http://www.instat.com	Economics (Subscribed by Central University of Jammu, Department of Economics)

Discipline Wise list of Print Journals subscribed by Central Library

S.N.	Department	Journal Title	Publisher	Annual Subscription Price
1	**Education**	Contemporary Education Dialogue	Sage Publications India Pvt Ltd, New Delhi.	2730
		Higher Education for the future		2730
		Journal of education for Sustainable development		2100
		Psychology and Developing Societies		2730
		Economic and Political Weekly	Economic and Political Weekly, 320-321, A-Z Industrial Estate, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013 (India).	4200
		Young	Sage Publications India Pvt Ltd, New Delhi.	17640
		Journal of Educational & Psychological Research	CLDS Memorial Education Society, Rewari (Haryana)	700
		COMSA Journal of Open Schooling	National Institute of Open Schooling, A-24/25, Sec-62, Institutional Area, Noida-201309.	1000
		Journal of Community Guidance and Research	Neelkamal Publications, Hyderabad.	3000
		Indian Journal of Gender Studies	Sage Publications India Pvt Ltd, New Delhi.	4100
2	**Environmental Sciences**	Current science	IAS, Bangalore	INR5000/-
		Resonance	IAS, Bangalore	INR700/-
		Asian Journal of Water, Environment Pollution	TERI	INR3600/-
		Journal of Resources Energy and Development	TERI	INR1500/-
		Journal of Geological Society of India	Springer	Online Access available to our University through INFLIBNET
		Journal of Earth System and Science	IAS, Bangalore	INR700/-
		Journal of Bioscience	IAS, Bangalore	INR700/-
		Indian Journal of Biotechnology	NISCAIR	INR1200/-
		Down to earth	DTE	INR1085/-
		Terra Green	TERI	INR540/-
		Energy Future	TERI	Rs800/-
		TERI Information Digest on Energy and Environment	TERI	Rs.1700/-

3	**Mass Communication and New Media**	Mass communication: International Journal of Communication	Jagnnath International Management school	1200
		Journal of Advanced Research in Journalism and Mass Communication	Advanced Research Publications	2800
		Creative Image	Raghu Rai, New Delhi	1900
		Media Watch	Media watch	3000
		Journal of Creative Communications	Sage Publications, New Delhi	3150
		Bioscope: South Asian Screen Studies		2750
4	**Public Policy and Public Administration**	Indian Police Journal	Bureau of Police Research & Development	Free
		Indian Journal of Public Administration	IIPA, New Delhi	Rs.800
		Public Affairs and Governance	Indian Journals.com	Rs.1200
		Nagarlok	IIPA, New Delhi	Rs.300
		Seminar	F-46, Malhotra Building, Janpath, New Delhi-110001.	Rs.500
5	**Human Resource Management and OB**	Vikalpa : Journal of Decision Makers	Sage Publications India Pvt Ltd, New Delhi.	3150
		The Journal of Entrepreneurship		2730
		Asian Journal of Management Cases		2730
		Business Perspectives and Research		2730
		Indian Journal of Corporate Governance		2730
		South Asian Journal of Human Resources Management		2730
		Statistical Modelling		22680
		IIM Kozhikode Society & Management Review		2100
		Global Business Review		8190

6	**English**	Indian Folk Life (Journal of national folk lore support centre)	Editor, Indian Folk Life (Journal of national folk lore support centre)	Open Access
		Victorian Studies	Indiana University Press	Online Access provided through Project Muse
		Journal of Popular Culture	Blackwell Publishing	Online Access provided through Wiley Online

7	**Mathematics**	Proceedings of Mathematical Sciences	Indian academy of Sciences, Bangalore	500
		Journal of Discrete Mathematical Sciences & Cryptography	Taru Publications, New Delhi and Taylor & Francis	6000
		COLLNET Journal of Scientometrics and Information Management	Taru Publications, New Delhi and Taylor & Francis	3000
		Journal of Dynamical Systems & Geometric Theories	Taru Publications, New Delhi and Taylor & Francis	3000
		Resonance –Journal of science Education	Indian academy of Sciences, Bangalore	700
8	**National Security Studies**	China Report: a Journal of East Asian Studies	Sage Publications India Pvt Ltd, New Delhi.	5460
		Jadavpur Journal of International Relations		2730
		Contemporary Review of the Middle East		5460
		South Asia Review		4100
		India Quarterly		5460
		Border Affairs	Border Affairs, New Delhi	200
		South Asian Survey	Sage Publications India Pvt Ltd, New Delhi.	2730
		History and Sociology of South Asia		2730
		International Studies		3360
		South Asia Research		4100
9	**Sociology and Social Work**	Indian Journal of Social Work	TISS, Mumbai	Rs.600/-
		Social Change	Sage Publications (I) Pvt Ltd, New Delhi	5460
		Contributions to Indian Sociology		4100
		History and Sociology of South Asia		2730
		Society and Culture in south Asia		1800
		Rajagiri Journal of Social Development	Rajagiri College of Social Sciences, Kochi, Kerala	250
		Social Work Chronicle	Publishing India Group, New Delhi	2700

Subscription of Online Journals from April 2015

Journals Package	Subject areas Covered
IEEE/ASPP	Computer Sciences and Mathematical sciences
Emerald	HRM & OB
Sage	HRM
EBSCO	Multidisciplinary Package

Discipline Wise list of e-Journals subscribed by Central Library through UGC INFONET Digital Library Consortium

S.No.	Discipline	No. of E-Journals
1	Accounting and Finance	26
2	Agricultural Sciences	27
3	Material Sciences	182
4	Anthropology	124
5	Archeology	109
6	Architecture	38
7	Area Studies	246
8	Arts	523
9	Astronomy	17
10	Biological Sciences	201
11	Biotechnology	78
12	Botany	113
13	Business and Management	335
14	Chemistry	261
15	Computer Sciences	222
16	National Security	06
17	Economics	388
18	Education	325
19	Engineering and Technology	194
20	Environmental Sciences	280
21	Food Sciences	24
22	Geography	160
23	Geology	29
24	History	235
25	Languages	193
26	Law	133
27	Literature	242
28	Mass Communication	76
29	Mathematics	255
30	Medical Sciences	228
31	Philosophy	144
32	Political sciences	192
33	Psychology	183
34	Public Administration	45
35	Religion	72
36	Social Sciences	347
37	Statistics	55
38	Tourism and Travel Management	21
39	Veterinary Sciences	31
40	Zoology	126

Discipline Wise list of Print Journals subscribed by Central Library for the session 2011-12, 12-13, 13-14, 14-15

S.No.	Department	Journal Title	Publisher	Annual Subscription Price
1	**Economics**	Indian Economic Review	Delhi School of Economics	Rs.1000/-
		Journal of Political Economy	University of Chicago Press	$517 Rs.31,774.82
		Economic Development and Cultural Change	University of Chicago Press	$408 Rs.25075.68
		RBI Bulletin	RBI	Rs.2800/-
2	**Education**	Indian Journal of Applied Psychology	Madras Psychological Society	Rs.800/-
		Journal of Psychological Researches	Madras Psychological Society	Rs.1500/-
		The Revenshaw Journal of Educational Studies	Revenshaw University, Cuttack	Rs.500/-
		COMOSA Journal of Open Schooling	Commonwealth Open Schooling Association	Rs.1000/-
		Journal of Community Guidance and Research	Neel Kamal Publications	Rs.1000/-
		Experiments in Education	SITU Council of Educational Research	Rs.1000/-
		Modern Educational Research in Asia	Suvidha Prakashan	Rs.380/-

Note : The journals in black ink have been ordered and those in blue ink are available in library.

		Indian Journal of Youth Affair	Vishwa Yuva Kendra	Rs.600/-
		Journal of Educational Research & Extension	Sri Rama Krishnan Mission Vidyalaya college of Education	Rs.500/-
		Journal of Educational Psychological Research	CLDS Memorial Education Society, Rewari	Rs.600/-
		Asian Journal of Psychological & Education	Agra Psychological Research Cell	Rs.400/-
		Indian Journal of Psychometrics and Education	Indian Psychometric and Educational Research Association	Rs.1000/-
		Indian Educational Review	National Council of Education Research and Training	Rs.150/-
		Journal of Indian Education	National Council of Education Research and Training	Rs.180/-
		Primary Teachers	National Council of Education Research and Training	Rs.300/-
		Anveshika	NCTE	Rs.1000/-
		American Educational Research Journal	American Educational Research Association	Rs.23000/-
		Teacher Education and Special Education		Rs.16000/-

3	**Environmental Sciences**	Current science	IAS, Bangalore	INR5000/-
		Resonance	IAS, Bangalore	INR700/-
		Asian Journal of Water, Environment Pollution	TERI	INR3600/-
		Journal of Resources Energy and Development	TERI	INR1500/-
		Journal of Geological Society of India	Springer	Online Access available to our University through INFLIBNET
		Journal of Earth System and Science	IAS, Bangalore	INR700/-
		Journal of Bioscience	IAS, Bangalore	INR700/-
		Indian Journal of Biotechnology	NISCAIR	INR1200/-
		Journal of Scientific and Industrial Research	NISCAIR	INR3600/-
		Journal of Experimental Biology	NISCAIR	INR4600/-
		Indian Journal of Natural Products and Radiance	NISCAIR	INR1200/-
		Indian Journal of Fisheries	ICAR	INR3000/-
		Journal of Indian Society of Soil science	ICAR	INR4000/-
		Down to earth	DTE	INR1085/-
		Terra Green	TERI	INR540/-
		National Geographic Magazine	NGM	INR3300/-
		Discovery	Discovery Magazine	$19.95 INR=1235.90/-
		Dream 2047	Vigyan Prasar	Free, only we have to fill the performa for subscription.

		Geography & You	IPP Ltd	Rs840/-
		Mausam	IMD	Rs.3000/-
		Asian Journal of Research in Chemistry	AJRC	Rs.2000/-
		Energy Future	TERI	Rs800/-
		TERI Information Digest on Energy and Environment	TERI	Rs.1700/-
		Bioenergy India	Winrock International India	Rs.400/-
		Climate Change and Environmental Sustainability	Indian Journals.com	Rs.3000
		Journal of Biofuels	Indian Journals.com	Rs.3000
4	**Mass Communication and New Media**	Mass Communicator: International Journal of Communication studies (Quarterly)	Jagannath International Management school	Rs.1200/-
		Vidura	Press Institute of India	Rs200/-
		Communicator	Indian Institute of Mass Communication	Rs80/-
		Sanchar Madhyam	Indian Institute of Mass Communication	Rs50/-
		Journal of Creative Communications	Sage	$382 Rs23,684/-
		Journal of Advanced Research in Journalism and Mass Communication	Advance Research Publications	Rs.2800/-
		Journalism and Mass Communication Quarterly	Sage	$324

		Media Watch	Media Watch	Rs3000/-
		Media Mimanasa	Makhanlal Chaturvedi National University of Journalism & Communication	Rs350/-
		Grassroots	Press Institute of India	Rs180/-
5	**English**	Journal of contemporary Thought	The Forum on contemporary thought, Baroda	Rs.800/-
		The Book Review	Book Review Literary Trust, New Delhi	Rs.1200
		The Atlantic Critical Review (Quarterly)	Atlantic Publishers & Distributors, New Delhi	Rs.300
		The Atlantic Literary Review (Quarterly)	Atlantic Publishers & Distributors, New Delhi	RS.300
		Jadavpur Journal of Comparative Literature	Jadavpur Journal of Comparative Literature,	Rs.100
		Jadavpur University: Essays and Studies	Jadavpur University, Kolkatta-700032.	Rs.200
		Journal of the Department of English	University of Calcutta	Rs.200
		Sambalpur Studies in Literatures and Cultures	Sambalpur University	Rs.250
		Indian Journal of Gender Studies	Centre for Women's Development Studies	Rs.3900
		Littcrit	Littcrit, 'Samanuaya'	Rs.500
		JSL	The Journal of the School of	Rs300

			Language, Literature & Culture Studies, Jawaharlal University, New Delhi	
		Trlation Today	CIIL	Rs.250
		The Literary Criterion	Dhvanyaloka	Rs800/-
		International Journal of Trlation	Bahri Publications	Rs.2000
		PMLA (Publication of Modern Language Association of America)	Modern Language Association of America, New York	$240 Rs.15160.80
		Indian Folk Life (Journal of national folk lore support centre)	Editor, Indian Folk Life (Journal of national folk lore support centre)	Open Access
		Journal of Oriental Studies	HKU: Centre for Oriental Studies	$40 Rs.2526.80
		Diacritics	John Hopkins University Press	$128 Rs.8085.76
		Modern Fiction Studies	John Hopkins University Press	$165 Rs.10423.05
		Victorian Studies	Indiana University Press	Online Access provided through Project Muse
		Journal of Popular Culture	Blackwell Publishing	Online Access provided through Wiley Online
6	**Travel and Tourism Management**	Journal of Hospitality Leisure Sport & Tourism Education	Elsevier	$481
		Journal of Leisure Research	Sagamore Journals	(Online)$405
		Journal of Travel Research	Sage	$788
		Asia Pacific Journal of Tourism Research	Taylor & Francis (Routledge)	$974
		Journal of Hospitality &	Sage	$572

		Tourism Research		
		Journal of Vacation Marketing	Sage	$979
		Tourist Studies	Sage	$943
		Journal of Travel and Tourism Marketing	Taylor & Francis (Routledge)	(Print+Online) Package $1381.00
		Annals of Tourism Research	Elsevier	$1317
7	**Public Policy and Public Administration**	Journal of Public Administration Research and Theory	Oxford University Press	£374
		Indian Journal of Public Administration	IIPA, New Delhi	Rs.800
		Nagarlok	IIPA, New Delhi	Rs.300
		Indian Police Journal	Bureau of Police Research & Development	
		Indian Journal of Criminology and Criminalastics	National Institute of Criminology and Forensic Science	Rs.400
		Public Affairs and Governance	Indian Journals.com	Rs.1200
		Kurukshetra	Publication Division	Rs.100
		Seminar	F-46, Malhotra Building, Janpath, New Delhi-110001.	Rs.500
		Mainstream	Perspective Publications Pvt Ltd,	Rs.1000 (Life Time Subscription)
		Economist	The Economist	Rs.6000
8	**National security Studies**	Claws Journal	CLAWS	Rs600/-
		Border Affairs	Border Affairs, New Delhi	Rs.200/-
		Journal of Defence Studies	IDSA	Rs1200/-
		USI Journal	USI	Rs700/-
		International Studies	Sage, New Delhi	Rs3200/-
		Strategic Analysis	IDSA	Rs1000/-
9	**Social Work**	Indian Journal of Social Work	TISS, Mumbai	Rs.600/-
		Perspectives in	Nirmala Niketan,	Rs.500/-

		Social Work	38, New Marine Lines, Church Gate (EAST), Mumbai-400020.	
		Indian Journal of Rural Development	NIRD	Rs.1200
		Journal of School of Social Work	Journal of School of Social Work	Rs.3600/-
		Journal of Madras School of Social Work	Madras School of Social Work	Rs600/-
		Social Change	Sage	Rs5200/-
		Rajagiri Journal of Social Development	Rajagiri College of Social Sciences	Rs250/-
		Contributions to Indian Sociology	Sage	Rs3900/-
		British Journal of Social Work	OUP	Rs11463/-
		Social Work Research	OUP	Rs.9034.95
		Asia Pacific Journal of Social work and Development	Taylor & Francis	Rs24, 870.40

3.3.2 Does the university have an Information Resource Centre to cater to the needs of researchers? If yes, provide details of the facility.

The University is in the process of establishing an Information Resource Centre to cater the needs of researchers regarding admissions, scholarships, research projects, registration, topics approved for M.Phil/Ph.D. Archive is being instituted pertaining to thesis submitted by the students, paper published and research.

3.3.3 Does the university have a University Science Instrumentation Centre (USIC)? If yes, have the facilities been made available to research scholars? What is the funding allotted to USIC?

The university is planning to set up common facilities under University Science Instrumentation Centre (USIC) for which the teachers of the science departments have jointly approached through the university to national funding agencies for financial support

3.3.4 Does the university provide residential facilities (with computer and internet facilities) for research scholars, post-doctoral fellows, research associates, summer fellows of various academies and visiting scientists (national/international)?

Yes, the university provides residential facilities with computer and internet facilities for research scholars, research associates, summer fellows of various academies and visiting scientists (national/international)

3.3.5 Does the university have a specialized research centre/ workstation on-campus and off-campus to address the special challenges of research programmes?

There is Research Lab/Computer Labs established by the university to address two needs of research programmes. Well designed modular labs are under preparation for discipline of Environmental Sciences and Science Block, Plant Sciences, Animal Sciences, Chemistry, Physics and Nano Sciences

3.3.6 Does the university have centres of national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

The University is likely to establish specialized research centres in the area of Earth Sciences, supported by M/o of Earth Sciences and Centre for Promotion of Mathematics Education and Research

funded by Department of Atomic Energy, GOI. In the recent past, MHRD has sanctioned School of Education Studies for promotion of Training of Teachers and specialised research in the allied areas. Besides these, the University has submitted the proposal for establishing Centre of Excellence for Skill Development in Herbal Nanotechnology under Kaushal Kendra. Also, University has established a Community College under National Skill Qualification Framework for promotion of Vocational pursuit and Entrepreneurship. The university, under NSQF has established Centres for Vocational Courses which includes B. Voc in Retail Management and B. Voc Tourism Management.

3.4 Research Publications and Awards

3.4.1 Does the university publish any research journal(s)? If yes, indicate the composition of the editorial board, editorial policies and state whether it/they is/are listed in any international database.

At present university does not publish any research journal. University is in the process of initiating the same. Various Departments are also in the process of publishing research journals. The University, however, publishes Campus Update twice a year detailing all the activities being carried out by different Departments of the University.

3.4.2 Give details of publications by the faculty:

- Number of papers published in peer reviewed journals (national / international)
- Books published:
- Inprint:
- Monographs
- Chapters in Books
- Books edited
- Books with ISBN with details of publishers
- Number listed in International Database (For *e.g.* Web of
- Science, Scopus, Humanities International Complete, EBSCO host, etc.)
- Citation Index – range / average
- SNIP
- SJR

Impact Factor - range / average h-index

Department of Education

Author (s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
Kiran	2014	"Technology in Open and Distance Learning: Exploring the Relevance and Challenges Ahead"	Indian Journal of Educational Studies	Vol. 1(1)
Kiran	2014	"Inclusive Education: A Long Journey Ahead"	Education as a Right Across the Levels: Challenges, Opportunities and Strategies	_____
Kiran	2014	Choice Based Credit System: Scope and Challenges	Perspectives in Higher Education (Seminar Proceedings)	_____

Kiran and Shivani Nag	2013	The 'M-TALL Akhra' initiative in Jharkhand; A Brief Report (Co-Authored)	Published in SWARA, bi-annual news letter of NMRC	Vol. 1(8)
Kiran	2013	Longitudinal Study Report on Mother Tongue based Multilingual Education (Co-authored)	Published by National Multilingual Education Resource Consortium (NMRC), a UNICEF-JNU collaboration	Vol. III No.1, Page Nos. 54-59
Dr. Parmod Kumar	2013	Development of Elementary Education in Haryana	Twenty First Century Publications, Patiala, Punjab	2(1) Jan-June , 2013
Dr. Parmod Kumar	2013	Awareness of Pupil Teachers about Right to Free and Compulsory Education Act (RTE)-2009	ShikshanAnveshika (A Bi-Lingual Publication) Sonepat, Haryana	Vol. 1 (3), March 2013
Dr. Parmod Kumar	2011	Study Habits of Senior Secondary school students in relation to their Self Concept, Gender & Place of Residence	K.U. Research Journal, K.U. Kurukshetra, Haryana	Vol. XLV,
Dr. Parmod Kumar	2012	Environment Awareness among Pupil-Teachers of Kurukshetra Distt. Haryana	Vision Research Journal of Education, Pathankot, Punjab	Vol.III, Number II,Page No 56-61
Dr. Parmod Kumar	2013	Community Participation in Promoting Elementary Education in Haryana with Special Reference to Sarva Shiksha Abhiyan	Journal of Educational & Psychological Research, Rewari, Haryana.	Vol.3, Number I, Jan., 2013.
J N Baliya	2013	Emotional Intelligence of Adolescence Boys and Girls Belonging to Border Areas	Himalayan Journal of Education & Psychological Research.	
J N Baliya	2013	Integrating Persuasive Pedagogy in Mathematics Learning among open and Distance Learners : An Analytical View	International Journal of Research Pedagogy and Technology in Education and Movement Sciences	Vol. 1 (3) -2012, 194-201
J N Baliya	2012	Learner Centred Instructional Design for E-learning Content-Learning Management System (LMS	International Journal of Behavioural Social and Movement Sciences .	Vol. 4 (1)

J N Baliya	2012	Study Habits and School Climate of Private and	International Journal of Education & Allied Sciences	115-127
		Government Higher Secondary School Students :A Comparative Analysis		
Dr. RituBakshi	Dec., 2012	A Critical Study of Female Foeticide and Dowry Linkages in India	Indian Journal of Development Research. July-Dec 2012. Vol-4 No.3	67-71
Dr. RituBakshi	July, 2013	A Study on Married Women suffering from Domestic Violence in Jammu City (J&K)	Himalayan Journal of Contemporary Research, ICDEOL HPU Shimla	Vol. XIV 32-41
Dr. RituBakshi	August, 2013	Linking Higher Education with Regional Needs: The Dialogue of Universities with Society	Research Journal of Social and Life Sciences	252-262
Dr. RituBakshi	Jan.,2013	Sharing and Connecting Indian Educational Institutions through Knowledge Management	International Journal of Behavioral Social and Movement Sciences, Vol-2, January, 2013 issue01.	Issue 3 Vol.1
Dr. Aman	2013	Integrating Persuasive Pedagogy in Mathematics Learning among Open and Distance Learners: An Analytic View	IJEMS (E- Journal)	Issue 1 Vol.1
Dr. Aman	2012	Social Competence among Adolescents in Relation to their Level of Intelligence	Confluence of Knowledge (e-journal)	Issue 2, Vol. 3 Issue 1, Vol.1
Dr. Aman	2012	Social Intelligence of Adolescents in Relation to their Adjustment	Himalayan Journal of Educational & Psychological Research	Issue 1, Vol.1
Dr. Aman	2013	Educational Problems Existing in Primary Schools Located in Tribal	Himalayan Journal of Educational & Psychological Research	

		Areas of Himachal Pradesh		
Dr. Aman	2012	A Comparative Study of Attitude and Phobia Towards Computers Among Teachers Working in Tribal and Non Tribal Areas in Relation to their Gender, Stream and Working Experience	Educational Herald	

Department of TTM

Author (s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
Prof. Deeapak Raj Gupta and Dr. Zubair Ahmad	2013	Heritage and Conflict Management: Remapping Historical Spaces for Destination Tourability	Tourism Innovations: A Refereed Journal of Indian Tourism Congress	Vol 2, No.1
Deeapak Raj Gupta and Dr. Zubair Ahmad	2013	Tourism Policy Formulations in India: A Strategic Review on the Retrospect and the Prospect	Excel India Publishers	
Prof. Deepak Raj Gupta & Dr. Zubair Ahmed Dada	2014	Mutations and Trformatios: The Contested Discourses In Contemporary Cultural Tourism	International Journal of Hospitality & Tourism Systems	Volume 7, Issue 1
Dr. Amit Gangotia& Dr. Gagan Singh	2013	Accessible, Flexible and Affordable Quality Higher Education through Open and Distance learning	Weekly Journal of Higher Education ASSOCIATIO N OF INDIAN UNIVERSITY (AIU)	Vol.51,No. 15,April 15-21,2013

Dr. Amit Gangotia& Dr. Ramjit	2013	Evaluating the perceived cuisine image and its relationship with satisfaction and behavioural intention"	International Journal, A Journal on Hospitality and Tourism. AVAHAN 2013	Volume 1 Issue 1
Dr. Amit Gangotia	2013	Impact of Cricket Stadium On Tourism Industry In Dharamshala, District Kangra, Himachal Pradesh (India)	IIHTS (International Tractions in Humanities and Social Sciences)	V4N2 July-Dec-2012 Issue.
Ranjeet Kumar Raman & Ghai. A	2013	Understanding Destination Branding in Tourism: A Review and Discussion	Tourism and Hospitality Industry: An Insight, edited by Bal, L.K. and Gautam, P.K. Neha Publishers & Distributors, New Delhi	Page no. 239-251
Rahul Thakur & Amit Gangotia	2014	Empowering Tourism through Supranational Treaties- A case study of ASEAN	IIHTS International Tractions in Humanities & Social Sciences	V 5 N 1

Department of Sociology & Social Work Publications

Author (s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
Phukan, D., & Kumar, V.	2014	Protected Area and People: Exploring the Role of Social Work Practice	Edited Book Social Work Response to Environment and Disaster	
Phukan, D., & Kumar, V.	2014	Exploring the Climate Change Discourse in	Edited book Social Work	

		India through the Lens of Social Work Practice	Response to Environment and Disaster	
Dr. Nancy Mengi	2015	Urbanisation and its inimical aftermath in India	Asian Journal of Research in Social Sciences and Humanities	Vol. 5, Issue 2 Pg. No 103-111
Dr. Nancy Mengi	April 2014	The Journey of Womanhood: Historical Perspective in the Indian Context	Asian Journal of Research in Social Sciences and Humanities	Vol. 4, No. 4, pg. 41-46.
Dr. Nancy Mengi, Mrs.VandanaKumari	2014	A study of impact of the Pollution on the people living in Industrial area of State Industrial Development Corporation ,Jammu (J&K SIDCO)	Edited book 'Social problem and its impact on society'	Pg.140 -148
Dr. Nancy Mengi	December, 2012	Bharat me baladhikar: parijojanaevamprarabdh	Kratika International Research Journal of Humanities and Social Sciences	Vol.9-10, Year: 05 Pg. 141-143
Kulwinder Singh	2014	Social Work Profession and Rural Development	International Journal of Multidisciplinary Educational Research	Volume 3, Issue 7 (1)
Kulwinder Singh &Kuldeep Singh	2014	Health Care System in Rural India: Recent Trends	International Journal of Informative and Futuristic Research	Volume 1, Issue 10

Phukan, D	**2014**	**Dietary Concerns of Working Mothers in Delhi for their Overweight Children**	*Journal of School Social Work*	09-14, X ISSN: 0976 - 3759
Singh Ranvir	2016	***Health Care in Delhi: Spatial Dimension of Expansion and Access***	Marginalization in Globalizing Delhi: Issues of Land, Livelihood and Health, Delhi: Springer (Forthcoming)	978-81-322-3581-1
Swain Biraj and Ranvir Singh	2015	***LANNing in South Asia: Need for New Optics***	Farmer‟s Forum	RNI No. DELENG/2001/5526
Singh Ranvir Biraj Swain	2014	***Dalits and Under - Nutrition Levels, Determinants, Affirmative Action and Challenges***	International Journal on Arts, Management and Humanities	(Online): 2319 – 5231
Swain Biraj and Ranvir Singh	2014	***How Effective is Affirmative Action?***	Governance Now	Pg 42-45 RNI No. UPENG/2010/33798
Swain, Biraj and Ranvir Singh	2013	***Small Farmers, Institutions and 12th Five Year Plan: Making the Triad Talk***	Ecological Democracy	Vol 1 Issue 2
Swain, Biraj and Ranvir Singh	2013	***Women in Agriculture: Recognizing and Re - Prioritizing them***	Ecological Democracy	Vol 1, Issue 3
Toor Jasdeep Singh, Ranvir Singh and Bhagwant Singh	2013	***Racial Discrimination against Women from North-East India: Need of Corrective Measures***	Gender Justice and Women Empowerment: an Integrated Approach in edited book by Sarbjeet Singh, Pankaj Doth	ISBN: 978-81-8484-275-3
Singh, Ranvir	2011	***Geographical Information System: Public Health Applications***	Information Technology and Data Networks, Prospects and Challenges	ISBN: 978-93-80906-27-0
Kumar, V	2012	***Parliaments and Climate Change: towards Greener Policies – A study of Indian Parliament***	Lok Sabha publications, Parliament of India	

Iqball, Bhat	**2014**	**Silent Screams: A Gendered Analysis of Kashmir Conflict**	*Social Work Journal, Central University of Assam, Silchar*	77-86, 5 ISSN: 0976 - 5484
Iqball, Bhat	2014	***Book Review: Caste and Democracy in India: Perspectives form Below***	Social Change	1-5, 45(3) ISSN: 00490857
Iqball, Bhat	2015	**Conceptualisation of violence and wellbeing in public health discourses: Analysis and Interpretation**	Sheema Aleem and Naved Iqbal(Ed), Perspectives on Health and Wellbeing (Eds.)	87-96 ISBN: 978 - 93-85777-42-4. Excel publishers
Iqball, Bhat	2015	**Identity and Marginalisation: a case of Gujjars and Bakkarwals of Jammu and Kashmir**	Sanjai Bhatt and Suresh pathare (Ed), Social work education and Practice Engagement,	102-108 **ISBN**: 9788175417 571 Shipra Publications
Iqball, Bhat	2016	**Anti-Oppressive Social Work Theory and Practice: Contextualizing the Caste Debate in Indian Social Work education**	Ramesh, Jare (Ed), Caste in Modern India	Stadium Press

Department of Computer Science & IT

Author (s) Name	**Year of Publication**	**Title**	**Journal Name**	**Page No., Vol. No.**
Dr. Arora, Bhavna	February 2013	A Threat Model Approach for Classification of Network Layer Attacks in WSN	International Journal of Computer Applications	Vol. 63 No.9
Dr. Arora,	January 2013	Role of Key Management for	International Journal of Computing Science and	Vol. 5,Issue

Bhavna		Detection of Malicious Nodes in Wireless Sensor Networks	Communication Technologies-"TECHNIA"	No.2
Dr. Arora, Bhavna	16th November 2013	Threat Model and Attacks in Wireless Sensor Networks.	Conference Proceeding	Vol. 1
Dr. Arora, Bhavna	3rd November 2012	Key Management in Malicious Node Detection in Wireless Sensor Networks (WSN)	Conference Proceeding	Vol. 3
Deepti Malhotra	12,December 2013	A Minimum Execution Time Job Scheduling Algorithms in Simulated Grid Environment	International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE)	Vol3
Deepti Malhotra	April 2013	Minimum CDT Based Scheduling Algorithm Versus FCFS in Grid	Environment at International Journal of Computer Applications (IJCA 0975-8887	Vol. 68
Deepti Malhotra	February 2013	SCH_ACR and SCH_LD Based Job Scheduling Algorithm in Grid Environment	International Journal of Computer Applications (IJCA 0975-8887	Vol 64
Dr. Devanand A.	2014	Challenges involved in Adding a New Team to an Ongoing Cloud Based Distributed Project	International Journal of Advanced Research in Computer Science and Software Engineering	Vol. 4,Issue No. 2(Co-authored)
Dr. Devanand A.	2013	Robust Ramp Metering Design using Sliding Mode Control of a Hybrid Dynamical Model with Functional Uncertainties	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	Vol. 2,Issue No. 8

Dr. Devanand A.	2014	Challenges involved in Adding a New Team to an Ongoing Cloud Based Distributed Project	International Journal of Advanced Research in Computer Science and Software Engineering	Vol. 4,Issue No. 2(Co-authored)
Dr. Devanand A.	2013	Robust Ramp Metering Design using Sliding Mode Control of a Hybrid Dynamical Model with Functional Uncertainties	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	Vol. 2,Issue No. 8
Dr. Devanand A.	2013	Selection of Application Specific Garbage Collector in Client Class,	International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)	Vol. 3,Issue No. 8
Dr. Devanand A.	2013	Watermark, Hardware Parameters and License Key: An Integrated Approach of Software Protection	International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)	Vol. 3,Issue No. 5
Dr. Devanand A.	2013	A survey on Data Mining: Tools, Techniques, Application, Trends and Issues	International Journal of Scientific and Engineering Research(IJSER)	Vol. 4, Issue No. 3
Dr. Devanand A.	2013	Robust Hybrid Feedback Control Design for Ramp Metering using Sliding Mode Control	International Journal of Advanced Research in ComputerScience	Vol. 4,Issue No. 9
Dr. Devanand A.	2012	Framework for Job Schedulng in Grid	International Journal of Computer Applications(IJCA)	Vol. 38,Issue No.7

Dr. Devanand A.	2012	Simulation of MJ_CDTmin Based Scheduling Algorithm in Grid Environment	International Journal of ComputerApplications(IJCA)	Vol. 42 ,Issue No.11
Dr. Devanand A.	2012	Evaluating Effectiveness of e-learning initiatives in Higher Education Institutions: J&K	International Journal of ComputerScience and Technology (IJCST)	Vol. 3. Issue No. 1
Dr. Devanand A.	2012	Proposed Framework to Initiate Open Source e-learning in J&K	International Journal of Computer Science and Technology (IJCST)	Vol. 3. Issue No. 1
Dr. Devanand A.	2012	RAID Dependent Performance on Storage & Retrieval of digital Forensics Meta Data files with Different File systems	International Journal of Computer Science and Telecommunications (IJCST)	Vol. 3. Issue No. 7
Dr. Devanand A.	2012	Effective storage and Retrieval Performance of Digital Forensics Meta Data,	6th National Conference INDIACom-2012, New Delhi.	
Dr. Bhavna Arora	2013	A Threat Model Approach for Classification of Network Layer Attacks in WSN.	International Journal of Computer Applications	Vol. 63 No.9,pp 5-10, February 2013. Published by Foundation of Computer Science, New York, USA. ISSN-0975-8887

Dr. Bhavna Arora	2012	Security Schemes for Data Aggregation in Wireless Sensor Networks.	PCTE Journal of Computer Sciences	Vol 8 Issue No. 2,pp 48-52 ISSN-0973 – 4058
Dr. Bhavna Arora	2012	An Approach for Residual Energy Based Aggregator Selection for Data Aggregation in Wireless Sensor Networks.	International Proceedings of Computer Science & Information Technology Journal.	Vol 40,pp -127-131.
Dr. Bhavna Arora	2014	Information Warfare: the Emerging Threat to Digital Economy.	Proceeding of 8th International Conference on Advanced Computing & Communication Technologies (ICACCT-2014)organized in association with IETE & TECHNIA: International Journal, and Technically Co-sponsored by Computer Society Chapter IEEE Delhi Section at Asia Pacific Institute of Information Technology SD India , Panipat	ISBN:978-93-4935-00-9
Dr. Bhavna Arora	2012	Network security issues: approaches and algorithms. Ludhiana held on 24 March 2012.pp-137-140 National Conferences th	Proceeding of 8 “International Conference on Upcoming Trends in IT”, ICUTIT-2012 held at PCTE(Punjab College of th Technical Education) , Ludhiana	pp-137-140
Dr. Bhavna Arora	2011	Analyzing throughput in WSN.	7 J&K State Science Congress organized th th by University of Jammu, Jammu from 13 -15 Oct 2k11.	
Dr. Deepti Malhotra	2012	Simulation of MJ_CDTmin Based Scheduling Algorithms in	International Journal of Computer Applications (IJCA)	Vol 43, page24 - 29

Author (s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
D. Singh	2015	Constructions of q-ary functions with goodglobal avalanche characteristics	International Journal of Computer Mathematics	Vol.92 (2)
Deep Singh and Amit Paul	July, 2014.	“Spectrum analysis of ternary functions based on their Walsh-Hadamard trform”	International Conference on Modeling and Computing (ICMC-2014)	
M. Devi, Kiran and D. Singh	Feb. 10, 2014	Quality teaching through effective language learning-A road map	national seminar on ‘Priorities and Directions in Teacher Education	
Deepika, Ram Shankar Gupta and A. Sharfuddin	Novemebr, 2014	"Biharmonichypersurfaces in pseudo-Euclidean space E_{s}^{5} with zero scalar curvature"	ICAGA	
Prof. S. D. Sharma Steviã, Stevo; Sharma, Ajay K.; Sharma, S. D.	2012	Generalized integration operators from the space of integral transforms into Bloch-type spaces.	J. Comput. Anal. Appl.14	1139–1147
Sharma, S. D.; Singh, Bhopinder; Kour, Kamaljeet	2011	Spectra of a compact weighted composition operator on CV0(X,E).	Appl. Math. Sci. (Ruse)5	No. 37 - 40, 1839–1847.
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Sharma, S. D.; Sharma, Anshu	2011	Generalized integration operators from Bloch type spaces to weighted BMOAspaces.	Demonstratio Math.	44 (2011), no. 2, 373–390.
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Kumar, Kamlesh; Jain, Madhu	2013	Threshold N-policy for (M,m) degraded machining system with Kheterogeneous servers, standby switching failure and multiple vacations.	Int. J. Math. Oper. Res.5	No. 4, 423–445.
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Nandini Bhattacharya	August 2014.	"Revisiting Snehalata: the Arrival and Gendering of the novel Genre in Colonial Bengal"	Commemorative Volume of Jadavpur Journal of comparative Literature	
	October 2014	Essay entitled- GandhirAnudad/Anubader	Alochonachakr	
	August 2014	An essay entitled The Autobiography and its Readers	Ravenshaw Journal of Literature	
	September 2014	An essay entitled The Primer in Colonial Bengal	OUP	
	January 2015	A volume of critical essays- entitled Rabindranath Tagore's Gora,	Primus India Publication	
	November 2014	English trlation of a Bengali fairy tale Kankabati (by TrailokyanathMukhopadhaya)	Primus India Publication	
Ms. Neena Gupta Vij		"The Wall in Such a Long Journey"	Indian Diaspora. (To be Published)	
Dr. MA Afzal Farooq		MamoniRaisomGoswami'sOffsri ng	Humanities and Social Sciences (Accepted For Publication)	

Department of Economics

Author (s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
Dr. Shevta Kohli	December 2014	"Linkages Between Trade Development and Poverty Reduction : A Case Study of Developing Nations with Special Reference to India"	The Indian Economic Journal	Spl. Issue

Mr. Susanta Nag	2015	" Opportunity Cost of Illness and Occupational Classes: A Case Study of Balangir District in Odisha	➢ Artha Vijnana,	➢ Vol. LVII, No. 3, , pp. 211 - 231.
Dr. Shweta Kohli		"Reaping Demographic Dividend through Gender Mainstreaming"	➢ Book entitled " The Demographic Dividend and India's Economic Future",	➢ ISBN 978-93-837933-3-4, Y S Books International, New Delhi.
Dr. Shweta Kohli	2015	Linkages Between Millennium Development Goals (MDGs) and Gender Equality : Myth or Reality"	Public Administration review published by PG Department of Public Administration, Utkal University, Vani Vihar, Bhubaneswar,	ISSN 2249 - 3360, Vol. No. 16, , pp 56-65
Dr. Shweta Kohli		"Linkages Between Human Rights and Human Development: An Analysis of Rights Based Approaches to Development "	Book entitled "Human Rights: Freedoms and Violations",	ISBN 978-81-89463-30-4, Twentyfirst Century Publications, Patiala.
Dr. Shweta Kohli	2015	"An Analysis of Gender Bias in Society: A Case Study of Village Kanalah , Dhansal District, Jammu and Kashmir"	in an International Journal " Horizons of Holistic Education";	ISSN : 2349-9133; p ISSN : 2349 - 8811; Vol -I, , pp 143-150
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Dr. Shevta Kohli	Nov. 2013	Impact of Micro-Finance on the Livelihood of impoverished farmers' in the situation of Debt: A case study of Punjab	Edited book titled Microfinance Building Bridges	-
	October 2013	Comparative Analysis of Prosperity and Indebtedness among Farmers in Punjab: A Case Study of Highly Developed and Least Developed Districts	International Journal of Management and Development Studies	Volume 1
Dr. Shevta Kohli	2012	Organised Retail Sector in India: Challenges Ahead	Edited Book Titled "Emerging Paradigms in Business Ethics"	
Dr. Shevta Kohli	July-Dec 2011	Flow of Institutional Credit and Indebtedness among Farmers in India	Nava Arthiki (A Journal of Socio-Economic Matters)	Vol.19
Dr. Shevta Kohli	2012	Classification of Districts on the Basis of Level of Agricultural Development : A Study of State Punjab	Journal for Economic and Social Science	Vol. 3 No(2)
Dr. Shevta Kohli	2012	Changing Role of Indian Women	Women Empowerment in India	

Department of Environmental Sciences

Author (s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
Singh, A., Bajar, S. and Bishnoi	2014	Enzymatichydrolysis of microwave alkali0020pretreatedricehusk for ethanol production by Saccharomyces cerevisiae, Scheffersomyces stipitis and theirco-culture.	Fuel	
Verma, A., Shalu, Singh, A., Bishnoi	2013	Biosorption of Cu(II) using free and immobilized biomass of Penicilliumcitrinum.	Ecological Engineering	

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YadavShweta, TandonAnkit, and AttriArun K	2014	Timeline Trend Profile and Seasonal Variations in Nicotine Present in Ambient PM_{10} samples: A Four Year Investigation From Delhi Region, India.	Atmospheric Environment	
Sharma Angelika and RamotraAnu	2014	Physico – Chemical Analysis of Paper Industry Effluents in Jammu city (J&K)	International Journal of Scientific and Research Publications	
Sharma Angelika and Raina A.K	2013	Assessment of the Status of SPM in Jammu City and its Control Strategies	Journal of Environmental Science, Toxicology and Food Technology	
Mehta P	2014	Fur & Dioxins (FD) need to be fixed with higher interest rate for sustainable tomorrow	International Journal for Research in Applied Science and Engineering Technology	
Mehta P. and Inakhaiya G		The Natural Water Purifier of the Planet: "Biodiversity", (accepted)	Madhya Bharati Research Journal	

Department of Human Resource Management & OB

Author (s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
Aima A., Harleen&Pathania A	2012	Predictors of Job Satisfaction: Redefining Participative Management Styles	International Journal of Management and Computing Sciences	Vol 2 No. III (2012)
Bhasin , J. &Parrey, A	2012	Quality Interventions in HR Practices: A Case of Higher Education	Strategic Human Resource Management	Vol1, Issue2
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Arora, Neelika and A. Gupta	2012	A Model for Community Capacity Building for Peace and Sustainable Tourism Development in Developing Economies	Tourism Destination Management: Strategic Practices and Policies edited by Prof. Ashok Aima et al.,	ISBN 978-81-8457-370-1
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Bhasin, J.&Rasool, G.,	2014	HR Intelligence :A Challenge for Organisations Management Challenges in the New Era- Strategies for Success	Excel Publication	ISBN 978-93-83842-08-7 pp 195-203
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Dr. Bachha Babu	2014	Media Freedom is not an absolute freedom.	Journal of Advanced Research in Journalism & Mass Communication	Vol 1, No 2.
Dr. Bachha Babu	2014	विश्व संचार व्यवस्था और भूराजनीति [1990 के बाद की प्रमुख घटनाओ में युद्धशांति प्रक्रिया का अलोचनात्मक अध्ययन]	Research Directions	ISSN No.-2321-5488
Dr. Bachha Babu	2013	Media ethics in contemporary age	Research Dimensions	ISSN No.-2249-3867
Dr. Bachha Babu	2014	Press Freedom: Myths and Reality	Research Dimensions	ISSN no. 2249-3867,Vol 2, Issue 8
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Dr. Bachha Babu	2013	पारिभाषितमीडियाःस्वामित्व और अंतर्वस्तुनियंत्रण	Published in National Conference Proceeding	Teertahanker university Muradabad, ISBNNo.978-81-8457-400-5

Dr. Bachha Babu		1. "Paribhashit Media: Swamitwa aur antarvastu niyantran"	Book by Dr. Sushmita Bala, Kanishka.	
Archana Kumari & Nibha Sinha. (2016).	2016	Challenges and prospects of using cellular phones for supporting agriculture: A case study of Kisan call centre scheme in Bihar.	(Ed.), *Media and Communication for Developmentt*.	pp. 121-1133
Archana Kumari	2016	Using Social Media in Teaching Journalism in Media Schools of India	edited by Prof. A. Ramakrishna, Pragma Publications, First Edition	ISBN: 978-93-84845-18-6.
Kumari, Archana.	2012	New tools of development communication	*The Asian Conference on Media and Mass Communication*	Official Conference Proceedings. Osaka, Japan.

Various Research Papers are in process of Publication in different Journals of repute

Dr. Bachha Babu	2012	Philosophy of journalistic Ethics and Freedom	Published in International Conference Proceeding	University of Calcutta, ISBN:81-86263-004
Mr. Rashid Ali	2000	Fire Area	Sahitya Academy Award Winning Novel	National Book Trust, New Delhi, ISBN No 81-237-3325-9.
Mr. Rashid Ali	1997	Mapping Memories-	Fire Flies in Clenched Fist	ISBN no. 978-81-85586-76-2.
Mr. Rashid Ali	2005	Praxis of Performance	Biblio: A Review of Books	Volume 10, ISSN no 0971-8982. May-June 2005
Mr. Rashid Ali	2012	Itihas Ki Dhalan	Akaar	Volume 6.
Ms. Archana Kumari and Ms. Nibha Sinha	2015	Prospect of Community Radio as a Vehicle of Green Communication and Sustainable Development: A Case Study of Jan Dhan Yojana	Green Communication and Sustainable Development: Prospects and Challenges	First Reprint, 2015. ISBN 13: 978-93-5213-047-4.
Ms. Archana Kumari	2015	Emergence of Children as a Target Audience in Advertising: A Case Study of Urban Jammu	Children and Media, Issues and Perspectives	First edition, 2015. ISBN No. 978-93-82816-22-5.
Ms. Archana Kumari	2015	Representation of Women in Media after Globalisation	Women's Link.	Vol.21, No.3. ISSN – 2229-6409.
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Ms. Archana Kumari	2015	Balwant Thakur – A One Man Institution	Theatre Street Journal	Vol. 1, No. 1. Kolkata

Ms. Archana Kumari	2014	Media Ownership and its Impact on Audiences	Development Issues in India: Policies and Perspectives	First edition, 2014. ISBN No. 978-93-82816-21-8.
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S.K. Khosa	2015	Quasi-particle structure of proton–hole cobalt isotopes	Nucl. Phys	
S.K. Khosa	2015	Projected shell model study of band spectra and electromagnetic properties of $^{160-164}$Ho	Nucl. Phys	
S.K. Khosa	2015	Theoretical studyof neutron-rich ^{107,109,111,113}Rh isotopes	Int. J. Mod. Phys	
Nupur Saxena	2015	Effect of rapid thermal annealing temperature on the dispersion of Si nanocrystals in SiO_2 matrix	*AIP Conference Proceedings*	
Nupur Saxena	2015	Influence of Ag doping concentration on structural and optical properties of CdS thin films	*AIP Conference Proceedings*	

Department of Chemistry

AUTHOR(s) Name	Year of Publication	Title	Journal Name	Page No., Vol. No.
DR. PRINCY GUPTA	2015	"Green Chemistry Approaches as sustainable alternatives to conventional strategies in Pharmaceutical Industry" (Review)	*RSC Advances*,	
DR. PRINCY GUPTA	2016	Shades of Chemical beauty: An overview of synthetic routes to some anticancer drugs	*RSC Advances*,	
Dr. Tapta Kanchan Roy	2015	Conformational Structures of a Decapeptide Validated by First-Principles Calculations and Cold Ion Spectroscopy	ChemPhysChem,	
Dr. Tapta Kanchan Roy	2015	"Mechanistic Studies of Malonic Acid-Mediated in situ Acylation	Biopolymer Peptide Science	
Dr. Tapta Kanchan Roy	2016	First-Principles Anharmonic Quantum Calculations for Peptides Spectroscopy: VSCF Calculations and Comparison with Experiment	Phys. Chem. Chem. Phys	
Dr. Tapta Kanchan Roy	2016	Ruthenium catalyzed intramolecular C-S coupling reactions: Synthetic scope and mechanistic insights	Organic Letters	
Dr. Tapta Kanchan Roy	2016	A catalyst-free one-pot multicomponent synthesis of spiro-benzimidazoquinazolinones via Knoevenagel-Michael-Imine pathway: A microwave assisted approach	RSC Advances	

Dr. Sujata Kundan	2016	Synthesis and Characterization of some new thallium(III) macrocyclic complexes and their biological studies	Main Group Met. Chem	
Dr. Venkata Ramana Doddi	2016	Catalyst, metal and solvent free synthesis of 1-bromoalkynes at ambient temperature	*RSC Green Chemistry*	
Dr. Venkata Ramana Doddi	2016	The Dual Role of 1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU) in the Synthesis of Terminal Aryl- and Styryl-Acetylenes *via* Umpolung Reactivity	*Organic Letters*,	

Department of Marketing & Supply Chain Management

Author (s)	Year of Publication	Title	Journal Name	Page no., Vol. no.
Dr. Gaurav sehgal	2015	Integrating Knowledge Portfolio's Across Environmental Characteristics For Strengthening Supply Chain Management Practices Across SMEs	Excel Books Private Limited	
Dr. Gaurav Sehgal	2015	Vinayaka Fabrics: The Journey Ahead	International Journal of Science Technology and Management	

Author (s)	Year of Publication	Title	Journal Name	Page no., Vol. no.
Dr. Gaurav Sehgal	2015	Integrating Knowledge Portfolio's Across Environmental Characteristics For Strengthening Supply Chain Management Practices Across SMEs	Excel Books Private Limited	
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Dr. Naresh Sharma	2015	Business Ethics: Past, Present and Future in *Researcher,*	*A multi disciplinary Journal*,	
Dr. Naresh Sharma	2015	Ethical Marketing as a tool for developing Customer Relations: An Empirical Analysis	*International Journal on Customer Relations*	
Dr. Salil Seth	2015	Extending the role of HRM to accommodate Sustainable HRM and Environmental Ethics	Emerging Dimensions of Human Resource Management	
Dr. Salil Seth	2015	Advocating and Infusing Ecocentrism among Gen-Y Employees Via Green Marketing	Managing Organisations of Tomorrow by Capitalising Generation Next.	

Dr. Salil Seth	2016	Harnessing 'Multiplier Effect' To Magnify The Impact Of Social Media Marketing"	International Journal of Research (IJR).	
Dr. Salil Seth	2015	Introspecting Green Marketing: Is it a Sustainable Solution Promoting Eco-centrism or just a fad?".	Journal GSD-Green & Sustainable Development	
Dr. Salil Seth	2015	Accentuating Eco-centric Marketing Philosophy via Green Packaging	Global Journal of Multidisciplinary Studies	
Dr. Salil Seth	2015	Green Washing: Connotation of Green Marketing Communication".	MM- Journal of Management in Manufacturing & Services	
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Dr. Salil Seth	2015	Combating Climatic Changes via Green Marketing	Business & Management Quarterly Review	
Dr. Salil Seth	2015	Corporate Environmental Citizenship Gains Momentum via Green HRM"	Vidyaniketan Journal of Management and Research	
Dr. Salil Seth	2015	Green Manufacturing: Drivers & Challenges	MM-Journal of Management in Manufacturing & Services	

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Dr. Salil Seth	2015	Decoding the Spirit of Women Entrepreneurship & Its Hurdles	Journal of Applied Research and Social Sciences	
Dr. Salil Seth	2015	Green Marketing gets deceptive: Greenwashing as an emerging villain	Journal GSD-Green & Sustainable Development	
Dr. Salil Seth	2015	Aligning Business Profits with Science and Entertainment via 'Scienfotainment'	Journal of Moti Lal Rastogi School of Management	
Dr. Salil Seth	2015	"Mainstreaming Generation Y for Holistic Business Management	International Journal of Multidisciplinary Research and Development	
Dr. Salil Seth	2015	Green Marketing: Solving Dual Purpose of Marketing and Corporate Social Responsibility".	Arabian Group of Journals (AGJ), Management Studies and Economic Systems,	
Dr. Salil Seth	2016	Empowering Organizations via Knowledge Management and Information Technology	National Seminar on Knowledge Management for Organizational Excellence in Present Scenario (NSKMOEPS-2016) held at Moti Lal Rastogi School of Managment	

Dr. N.K. Tripathi	2015	Physico-Chemical Assessment of River Chenab, Jammu And Kashmir	European Journal of Pharmaceutical and Medical Research	
Dr. N.K. Tripathi	2015	Limnological profile of a high altitude stream, Bisheri of Banihal of Jammu and Kashmir, India	International Journal of Recent Scientific Research	
Dr. Shvetambri Jasrotia	2015	Physico-Chemical Assessment of River Chenab, Jammu And Kashmir	European Journal of Pharmaceutical and Medical Research	
Dr. Shvetambri Jasrotia	2015	Limnological profile of a high altitude stream, Bisheri of Banihal of Jammu and Kashmir, India	International Journal of Recent Scientific Research	
Dr. Vinita Sharma		Pioneer identification of fake claws using morphometric and DNA-based analysis in wildlife forensics in India.	Forensic Science International	

3.4.3 Give details of

- faculty serving on the editorial boards of national and international journals
- faculty serving as members of steering committees of international conferences recognized by reputed organizations / societies

Department of Mathematical Science

Prof. S. D. Sharma

Regional Coordinator, Mathematical Olympiad, NBHM, Department of Atomic Energy

Department of Tourism & Travel Management

Dr. Amit Gangotia

CDC Member of Airlines, Tourism & Hospitality Management, PTU Review member of AVAHAN Journal ISSN 2347-4556, a Journal of hospitality and Tourism

Department of Human Resource Management & Organizational Behaviour

National committees:

- Prof. Ashok Aima (UGC, NAAC, NBA, AICTE, PSC, Member of different administrative and academic bodies of various Central and State Universities across India)
  b) International committees
  c) Editorial Boards:
- Prof. Ashok Aima Journal of Training and Development
- Dr. Jaya Bhasin Amity Global HRM Review
- Prof. Ashok Aima Member, Indo Australian Education Council Non-officio expert of J&K State Pollution Control Board. Member of Committee for Advance Studies and Research (CASR) , Aligarh Muslim University, Aligarh (Central University) Empanelled for appointment as Non-Executive Board of Director in Public Sector Undertakings

Department of Educational Studies

- **Prof. Lokesh Verma** is associated with various academic bodies like NAAC, NCTE, UGC< ICSSR and different universities as member, Board of Studies, Academic Council, INTER, Selection Committtees as expert, member of professional bodies and Editorial Board of leading journals in education.Member, Editorial Board, MIER journal of Educational Studies, Trends and Practices (MJESTP) ISSN: 0976:8203
- Member, Editorial Board of Trends in Education, published in Khalsa College of Education.

- **Dr. J.N. Baliya** is Member, Regional Advisory Committee (JR) Kendriya Vidyalaya Sangathan (KVS) New Delhi.
- Member, Joint Consultant Machinery (JCM), Kendriya Vidyalaya Sangathan (KVS) N. D.
- Life Member, Blobal Educational Research Association (GERA)
- Life Member, All India Association of Educational Research (AIAER)
- Life member, Indian Association of Teacher Educators (IATE)
- Life Member, SITU Council of Education Research.
- Member, Editorial Board, MIER Journal of Educational Studies, Trends and Practices (MJESTP) ISSN: 0976:8203.

Member, Editorial Board, Modern Education Research (A Quarterly Journal) ISSN: 0974-0554.
Member Editorial Board, Himalayan Journal of Education & Psychology Research . ISSN: 2319:6874.
Member, Editorial- Advisory Board Confluence of Knowledge: An International Multi Disciplinary Journal. ISSN:2320-5237.
Dr. Ritu Bakshi is member, editorial board, Himalayan Journal of Education & Psychological Research.
Dr. Aman is Member, Editorial Board , Himalayan Journal of Education & Psychological Research ISSN: 2319-6874.
Dr. Aman is member, editorial board, Gyankosh Journal of Educational Research. ISSN: 2347-3290.

Department of Mass Communication and New Media Editorial board:

- **Prof. Deepsheekha Kotwal: Editor, "Campus Update" University Newsletter**
- **Archana Kumari: Executive Editor, "International Journal of Communication and Social Research".** ISSN – 2318 – 605X; Appointed as Guest Editor in a peer reviewed journal The Equanimist, Vol 2, Issue 3, Jul-Sep 2016. ISSN No. 2395-7468; Sub Editor, "Campus Update". An in house news letter of Central University of Jammu.
- **Dr. Bachha Babu: Sub Editor, "Campus Update". An in house news letter of Central University of Jammu.**

Department of National Security Studies
Editorial Boards

1) **Member, Advisory Board - The Book Review Literary Trust, New Delhi.**

International committees

2) **Chair, Human Security Working Group, Global Partnership for the Prevention of Armed Conflict (GPPAC), The Hague, Netherlands.**
3) **Member, GPPAC, Global Reference Group on Security Sector Reform.**

Department of CCRC
Ajay Kumar Singh

- Editorial member of "**The Equanimist Journal**"; ISSN: 23957468.
- Editorial member of "**Pali-Prakrit Anushilanam Journal**"; ISSN:23493097

Dr. Murugesan Arumugam

- Member, Editorial Board, Global Journal of Multidisciplinary Studies ISSN: 2348 - 0459
  Member, Academy of Religion and Peace, Chennai, Tamil Nadu.
  Department of MSCM

a) **Dr. Gaurav Sehgal Editorial member for "International Journal of Hospitality Administration and Management (IJHAM); ISSN: 2248-9916.**

3.4.4 Provide details of

- research awards received by the faculty and students
- National and international recognition received by the faculty from reputed professional bodies and agencies

Department of Economics

- Dr. Shaveta Kohli, Assistant Professor has been awarded Global Economic Progress and Research Association award by **National Citizenship Gold Medal Award** for excellence in "Individual Achievements & National Development" on 1st May, 2014.

Department of Computer Science and Information Technology

- Faculty -01 (Mr. Neereender Kumar, Assistant Professor has received Stipendium Hungarian International Scholarship for doing Ph.D from Obuda University, Budapest, Hungary

Department of Human Resource Management & Organizational Behaviour

Faculty

Prof Ashok Aima, received life time achievement award by Himachal Pradesh Commerce and Management Association Doctoral / post doctoral fellows

Students

Two students of MBAHRM, Jasleen & Priyanka were selected as "Vodafone superstars" where they were given exposure to latest trends on Business and Corporate Working

Two students of MBA HRM, Bhavik Uppal and Ankur Sharma received Runner up award in quiz competition Tata Crucibles. They received cash prize of Rs. 50, 000 for the same.

Department of Animal Sciences and Wild Life

1. **Dr. Shvetambri Jasrotia:**

- **Awarded Fastrack Young Scientist,** Science and Engineering Research Board (SERB), Department of Science and Technology, N.Delhi, GOI.
- **Second prize in the best oral presentation in the young research scholar category.** (National seminar on impact of trends in Climatic changes on Bio-diversity and Faunistic systems. Held at department of Zoology & Environmental Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar, in association with Indian Academy of Environmental Sciences, Haridwar, (February – 2010).

2. **Dr. Anjali Dhar**

- Gold Medal, University level
- Achievers awards from JKVM
- National Scholarship at Secondary level

3. **Dr. Vinita Sharma**

- Fellow of International Safety Quality Environment Management Association (ISQEM), London,UK and entitled to use the designation of FISQEM.
- First Prize in Poster Presentation: National Seminar on "Translational Research in Biotechnology for improving Animal Health and production" and 3rd Annual Meeting of Society for Veterinary Science and Biotechnology held on October 7th -8th, 2015 at Bikaner, Rajasthan. (**Poster/First Prize:** Pioneer identification of fake tiger claws using morphometric and DNA based analysis in wildlife forensics in India.)
- **Best Paper Presentation – II**: National Conference on "Biodiversity and Conservation-Social,

Economical and Environmental Issue including Pollution and Patent Laws" at Rama Devi Mahila Mahavidyalaya, Nua, Jhunjhunu held on December 10th-11th, 2007. (**Oral paper entitled:** Diversity and Conservation Status of mammals of Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur.

- **Consolation Prize in the Young Scientist Award Session**: UGC Sponsored National Conference on Conservation and Management of Faunal Diversity of Rajasthan organized by Department of Zoology, R.L.Saharia Government PG College, Kaladera, Jaipur held from 11th to 13th August, 2006. (**Oral Paper entitled:** Threatened mammals of Sajjangarh Wildlife Sanctuary).
- **First Prize of Best Student Participant:** State Level Workshop on "Faunal and Floral Diversity of Rajasthan: Importance and Conservation" organized by Society for Research in Ecology and Environment, Bharatpur in collaboration with Forest Department, Keoladeo National Park, Bharatpur and Maharani Shri Jaya PG College, Bharatpur (Rajasthan) for PG students and Wildlife Researchers from December 27th -28th, 2006.
- **First position**: District level quiz competition held on 26/08/1996 at Udaipur, Rajasthan and achieved first position in the contest and selected for state level competition.
- **Consolation prize**: Anchor 'On-the-spot Embroidery Contest' held on 13/01/1996 at R.M.V., Udaipur.
- **Second prize**: Camel Ink Handwriting competition held on 08/09/1994 at Rajasthan Mahila Vidhyalaya, Udaipur.

Department of Environmental Studies

- **Faculty**

  Prof. M.K. Jyoti Former Head has been awarded Ashutosh Mukherjee Award of Indian Science Congress Association in 2014.

  Dr. Pankaj Mehta Assistant Professor won the Best Oral Presentation Award at Indian Science Communication Congress held at INSA, New Delhi 2014

- **Doctoral / post doctoral fellows**

- **Dr. Anita Singh, Assistant Professor selected for Raman Fellowship of UGC for conducting Post-doctoral Research at University of Georgia, USA from February 2017 to February 2018.**

- Dr. Shweta Yadav, Assistant Professor has been placed on the principal panel of scholars recommended for 2017-2018 Fulbright Kalam Climate Fellowship for Postdoctoral research. This prestigious fellowship is administered by United States-India Educational Foundation (USIEF).

Department of Public Policy and Public Administration

- Dr. Rouchi Chaudhary & Dr. Paul Sugandhar were selected as Observers from India to United Nations Committee of Experts on Public Administration, U.N. (CEPA) at UN Headquarters New York USA, on April 18th -22nd 2016.

3.4.5 Indicate the average number of successful M.Phil. and Ph.D. scholars guided per faculty during the last four years. Does the university participate in *Shodhganga* by depositing the Ph.D. theses with INFLIBNET for electronic dissemination through open access?

Average scholar guided per faculty-4

Yes, The university participate in shodhganga by depositing the theises.

3.4.6 What is the official policy of the university to check malpractices and plagiarism in research? Mention the number of plagiarism cases reported and action taken.

To check malpractice and plagiarism in research, the University is in the process of formulating a Research Ethical Committee headed by Vice–chancellor and one nominated member of university court in line with the UGC guidelines. Also, university through INFLIBNET provides the service of various anti-plagiarism tools. The awareness programme regarding the same has been conducted by the Department of HRM & OB. The University has also adopted the policy of taking punitive action against the faculty indulged in malpractice of plagiarism if found guilty. Anti-plagiarism is a mandatory check for scholars submitting PhD thesis.

3.4.7. Does the university promote interdisciplinary research? If yes, how many interdepartmental / interdisciplinary research projects have been undertaken and mention the number of departments involved in such endeavours?

Yes University promotes interdisciplinary research.

The Department of Public Policy and Public Administration and the Department of Social Work are working together in a national project on Quantification of Social Sciences Research in India, sponsored by the DST.

3.4.8. Has the university instituted any research awards? If yes, list the awards.

Yes, the university has constituted a committee to screen the quality of the published research work of the faculty and motivates the young faculty by awarding in terms of cash and certificate.

3.4.9 What are the incentives given to the faculty for receiving state, national and international recognition for research contributions?

The University encourages the faculty to publish two research papers annually in leading national or international journals. The departmental committee constituted looks into the quality of work and the status of the referred journal, decides about the incentives to be given to the best paper in each discipline. The incentive is in the form of Cash Award and Certificate of Recognition.

3.5 Consultancy

3.5.1 What is the official policy of the University for Structured Consultancy? List a few important consultancies undertaken by the university during the last four years.

The official policy of the University for the Structured Consultancy is in form of promoting consultancy project with the ratio of 75:25

3.5.2 Does the university have a university-industry cell? If yes, what is its scope and range of activities?

The University has Central Placement Cell to coordinate with the corporate houses for

a. Summer Internship
b. Live Projects
c. Industry-Academia Interface
d. Final Placements

3.5.3 What is the mode of publicizing the expertise of the University for Consultancy Services? Which are the departments from whom consultancy has been sought?

Various departments on their own approach different agencies for providing consultancy services. A few organizations that seek consultancy are Power Grid- Government of India, United Phosphorous, NITCO Pvt ltd., IIPA, J&K IIPMA, Academic Staff College (University of Jammu, Himachal Pradesh, GNDU and University of Kashmir)

Prof. Ashok Aima (Hon'ble Vice-Chancellor) is senior consultant of Global project on Competency Mapping in Brockbank University and Wisconsin University and San Branindo College, University of California

1) Dr. Tapta Kanchan Roy

i) Visiting scientist in the laboratory of Prof. Frank Neese, Director, Max-Plank Institute for Energy Conversion, Mulheim, Germany.

ii) Visiting scientist in the laboratory of Prof. Guntrum Rauhut, Institute of Theoretical Chemistry, University of Stuttgart, Germany.

iii) Visiting scientist in the laboratory of Prof. Petr Bour, Institute of Organic Chemistry and Biochemistry, Academy of Science of Czech Republic.

2) Dr. Venkata Ramana Doddi

i) Research associate in the Chemistry Department, City University of New York, New York, USA.

Department of Environmental Sciences

Dr. Pankaj Mehta did Analysis and Consultancy on Groundwater potability of the University Bore-Well, January 2016.

3.5.4 How does the university utilize the expertise of its faculty with regard to consultancy services?

Faculty members are involved in research and consultancy services of various institutes. Prof. Ashok Aima (Hon'ble Vice-Chancellor) is on the panel of State Pollution Control Board and empanelled by CPSE for appointment as Non-Executive board of director of various PSUs. Most of the professors of the University are the panel members of selection committees of various institutions besides being member of NAAC and NBA.

3.5.5 List the broad areas of consultancy services provided by the university and the revenue generated during the last four years.

The consultancy services provided by the University are at nascent stage and are under process so revenue generation assessment is not feasible.

3.6 Extension Activities and Institutional Social Responsibility (ISR)

3.6.1 How does the university sensitize its faculty and students on its Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience during the last four years.

In order to sensitize its faculty and students on its institutional Social Responsibilities, plenary talks are organized which acts as discussion forums. Faculty and Students are being encouraged to gradually

take up Institutional Social Responsibility. Some areas have been identified for such activities. The Department of Social Work has already adopted some villages near the Central University of Jammu and helping the local people in various social activities in the present academic year.

- Community Outreach programmes are a regular feature and Computer Centre is actively involved in building the institutional recognition in society
- Unnat Bharat Abhiyan is an initiative of the government of India for facilitating the development of backward areas. The University has set up a UBA Cell to work in collaboration with District administration, State government departments, and the village community. A participatory and people centred approach is being adopted to asesss the developmental issues in the adopted Jhang panchayat under Unnat Bharat Abhiyan.
- The Central University of Jammu has been functioning with a vision to act as a nodal agency by playing a participatory role in the affairs of the people of surrounding areas in particular and civil society in general. In this regard, the Central University of Jammu has decided to adopt the two schools with a purpose to strengthen them in domains of infrastructure, academics, co-curricular activities and professional competencies of the teachers and administrators. In this direction, a visit was made by Dr. J.N. Baliya from the Department of Educational Studies, CUJ and Mr. Bhagat , Chief Education Officer (Samba) in the above said schools on 14-10-2015 to decide further modalities. After the exhaustive discussions with the principals and the staff members of the schools visited, a comprehensive need assessment emerged out regarding various activities and programmes which may be undertaken by the University under the "Scheme of Establishment of Model Schools in the State of J&K". A brief report of need assessment report of **School Adoption Programme** and accordingly the details of activities which could be undertaken by the University as well planned interventions in this directions are as under :

Need Assessment : School Adoption Programme

Sr. No.	Domain of Support	Nature of activities/Programme	Level of Involvement of University/Adopted School
1.	**Capacity Building Programme for Teachers/Administrators**	**1. Pedagogical Refinement Programmes (PRP)-subject -specific** ✔ Conduct of micro-level training sessions of teachers about innovative teaching-learning strategies (within	✔ The faculty and students of the Department of Educational Studies (DES) will be involved on the basis of their subject specialization and training

		school campus/ in the university campus); ✔ Conduct training programmes (workshops) for setting question papers/ assessment tools under CCE pattern; ✔ Conduct of workshop for fabricating Low Cost Teaching Learning Material(Subject -Specific); **2. Action Research-Oriented Practices (AROP)** ✔ Conduct of workshop/training programmes for teachers /administrators for applying action research in their current practices;	experience; ✔ Some experts may also be invited at the state /national level. ✔ Teachers of the adopted school who have a desirable level of expertise may be identified for their involvement; ✔ The faculty and students of the Department of Educational Studies (DES), CUJ will be involved on the basis of their subject specialization and training experience;
2	**Students -Oriented Support Programmes**	**1. Career Guidance and Counselling Programme (CGCP)** ✔ Establishment of Career Guidance and Counselling Cell; ✔ Conduct of weekly interactive sessions for students improving their abilities in problem solving (Reasoning-verbal and non verbal, quantitative aptitude , general awareness etc.) for competitive examinations ;	Two teachers (one female and one male have been identified from each of the adopted school along with the faculty from DES,CUJ;

		✔ Conduct of Communication skills Enhancement Session (English, Hindi and local languages);	The faculty and the students of DES,CUJ(Every student of DES would be allotted a micro group 4-5 student based on his/her the specialization;
		2. Learning Enhancement Support Programme (LESP)-Subject specific ✔ Conduct of week-wise specific remedial classes for slow and bright students for different subjects; **3. Cultural Heritage Awareness Programme** ✔ Conduct of Exhibition- cum-awareness session	Involvement of local community resource persons, teachers of the adopted school and experts from CCRT

Department of Environmental Sciences.
Both faculty and students participate in extension programme by organizing lectures, various competition activities, plantation drives, awareness programme on environment and visits to industry and other places of environmental significance.

Department of Supply Chain Management
Participated in Case Study Analysis / Presentation in 'Prastuti-16' organized by IIT Kanpur and attained 4th position out of 12 teams participating from across India.

Department of Sociology and Social Work
The department participated in the flood relief initiative in collaboration with the NGOs and civil administration during the massive floods that affected the J&K state in September, 2014. The department also created awareness on the International Hand-washing day in the local urban community besides holding consultation meet on disability with CBR network. State level conference with UNICEF has been organized along with the workshop on disaster preparedness. The department has signed MoU with CBR network for instituting online course on disability studies.

Department of National Security Studies
The faculty members have participated in execution of many programmes organised by the university, be it the annual day celebration, sawachh bharat abhiyan, sardar vallabh bhai patel birth anniversary, annual

function Udaan 2015 and 2016 or sports meet. The students also remained active throughout the semester in these programmes. They participated in various events such as OJAS, International Youth Day and also won prizes.

3.6.2 How does the university promote university-neighbourhood network and student engagement, contributing to the holistic development of students and sustained community development?

Outreach initiative has been taken by the University. The University is in the process of establishing Community Development Cell. Under the Unnat Bharat Abhiyan, the village Bagla, Raya Suchani has been adopted for its up-liftment by the Department of Social Work. The University has adopted four villages.

- The University Business Incubation Centre has been established which promotes the innovative ideas of the entrepreneurs from the society and incubates the same.
- As an outreach activity, the students and faculty offer consultation to the beneficiaries where our students are placed for concurrent field work vis-a-vis government organization / non-government organizations / open communities. Also the students from Department of HRM & OB undergo projects with various industries. The Department of Economics carries out research projects on socio-economic issues of the neighbouring areas.

3.6.3 How does the university promote the participation of the students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International programmes?

NSS has recently been established by the Ministry of Youth Affairs and Sports, Govt. of India. NSS at CUJ is actively involved in the extension activities by organizing field trips and student development activities. The NSS cell has organised a blood donation camp in which faculty and students have actively participated.The NSS has also taken up Swach Bharat Programme for maintaining clean and green campus.

3.6.4 Give details of social surveys, research or extension work, if any, undertaken by the university to ensure social justice and empower the underprivileged and the most vulnerable sections of society?

Department of Social Work in collaboration with government organizations, non-government organizations and community at large provides services for empowering the underprivileged and the most vulnerable sections of the society. Also the social survey regarding the demographic profiling has been conducted by the Department of Social Work. Department of HRM and OB conducts a feasibility study for starting new ventures and investment options for the existing and new generation entrepreneurs. The Department of TTM is actively engaged in promoting and exploring tourism entrepreneurship and tourism avenues in the state by collaborating with various state and National and International bodies.

3.6.5 Does the University have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

The Department of Tourism and Travel Management makes arrangements for the summer training for the second semester students in Industry and On-the-Job training for the fourth semester students in the entire term of the semester. These industrial exposures planned are with the vision to inculcate the required job skills and smart human being in the actual work environment. The personal achievements of the students are evaluated on the basis of the viva-voce conducted for summer training report and

also a dissertation is submitted by the student of fourth semester. In addition, the Departments of MBA (Tourism and Travel) and MBA (HRM & OB) conduct workshops on developing the soft skills of the students which are culminated with the mock interviews for the students. The Department of Social Work does not have a formal procedure to track the involvement of students in social movements, however the students are encouraged to render voice to the unheard sections of the society. They are also encouraged to perform citizenship roles by understanding and performing the duties of a responsible citizen. The University has adopted five villages along with two schools and one Panchyat which would ensure social justice and empower the under privileged section from the society.

3.6.6 Bearing in mind the objectives and expected outcomes of the extension activities organized by the university, how did they complement students' academic learning experience? Specify the values inculcated and skills learnt.

The extension activities help the students to keep liaison with the community by understanding societal realities. Skills in social interaction have improved significantly since the University came into being . The students have developed their academic, research and social and professional acumen which helps them in seeking placements in reputed institutions. Department of Tourism and Travel Management has a record of 100% placement. Department of HRM & OB has provided the students with paid internship to all the students besides appropriate placements depending on their capabilities.

3.6.7 How does the university ensure the involvement of the community in its outreach activities and contribute to community development? Give details of the initiatives of the university which have encouraged community participation in its activities.

The University ensures the involvement of the community through its outreach activities. The trained faculty members give requisite time for such activities and the University compensates the time by monetary rewards. Also, it helps ensuring the community participation of the faculty members. The Department of social work holds meeting with Panchyat members and Community members of adopted villages. The Department holds meeting with DC and adopted Panchyat for creating awareness among the Community members. Different programmes have been chalked out to arouse awakening and involve Community members.

3.6.8 Give details of awards received by the institution for extension activities and/contributions to social/community development during the last four years.

Since University is in its formative stage, no awards have been received by the University but rewards have been received by the faculty members, the details of which have been provided in the Evaluative Reports of the Departments.

3.7 Collaboration

3.7.1 How has the university's collaboration with other agencies impacted the visibility, identity and diversity of activities on campus? To what extent has the university benefitted academically and financially because of collaborations?

The collaboration with MSME has projected the University at national level. The said project would be developing a policy framework for the said industry and this would help to project the University at the National level and benefit the community as well . Also, the UBIC has brought University recognition at the local level by incubating the innovative ideas of the budding entrepreneurs. The Tourism

Department has collaborated with various institutions and national and international bodies which has given University visibility at national and international level including FICCI.

3.7.2 Mention specific examples of how these linkages promote

- **Curriculum development**
- **Internship**
- **On-the-job training**
- **Faculty exchange and development** * **Research**
- **Publication**
- **Consultancy** * **Extension**
- **Student placement**
- **Any other (please specify)**

The visibility or recognition at national level promotes significantly the linkages with the industry. This helps in developing the appropriate academia-industry interface. The most recognized impact of this can be seen on the improvement of the curriculum development, as it is revised from time to time keeping in mind the demand and applied utility of the contents. The linkages also help in developing rapport with the industry's recruitment cell which helps in improving the efficiency of the placement cell of the University. It helps in creating publications in the emerging areas. The students and faculty members thus gain in their academic and research ventures through such linkages.

3.7.3 Has the University signed any MOUs with institution of national/international/other universities industries/corporate houses etc? If yes, how have they enhanced the research and development activities of the university?

Yes the University has signed various MoU's with other institutions. The details are as under :

1. Indian Institute of Tourism and Travel Management (IITTM), Gwalior
2. Indian Association of Tourism Organisation
3. Chambers of Commerce & Industries, Jammu
4. Institute of Chinese Studies, New Delhi.
5. The three Central Universities viz. Kashmir, Himachal Pradesh and Jammu have entered into MoU for seamless transfer of credits and faculty exchange
6. Ashray Incubator Ahmedabad.

Department of English

- MoUs have been signed with two Central Universities: Central University of Himachal and Central University of Kashmir. The Department of English has agreed to hold Joint Research projects, programmes and supervision of scholars. The Department of English have made proposals to have Centres of Translation Studies, Comparative Studies and Cultural Studies. Postgraduate students would be able to avail Courses in these universities.

Department of National Security Studies

- Memorandum of Understanding (MoU) for Research
- University of Melbourne, Australia

- Lanzhou University, China (Under Review)
- Institute of Chinese Studies (ICS), New Delhi.
- Ladakh International Centre, Leh.
- Christ University, Bangalore (Under Review)
- Collaboration with other universities, industries, foreign institutions
- International organisations such as Stifung Wissenschaft und Politik, Konrad Adenauer Stiftung, Conciliation Resources.
- Think-tanks such as IDSA, CAPS, CLAWS, IPCS, NIAS, DPG, IIPA (J&K Branch).
- Universities such as Christ University, Jawaharlal Nehru University, Jammu University, University of Madras, Punjab University, Allahabad University, Central University of Rajasthan, Pondicherry Central University.
- Defence and Police establishment such as 14, 15, 16 Corps of Indian Army, 26 Tiger Division, Udhampur Police Academy, Border Security Force.

3.7.4 Have the university-industry interactions resulted in the establishment/creation of highly specialized laboratories/facilities?

The University is in the process of establishing highly specialized laboratory facilities for Environmental Sciences, Zoology, Botany, Chemistry, Physics, Nano Science and Material Sciences.

Any other information regarding Research, Consultancy and Extension, which the university would like to include.

Though the University is in its infancy stage and is yet to formalize all its activities regarding Research, Consultancy and Extension, the Departments are being encouraged to collaborate with various agencies and institutions for enhancing their value and diversifying the activities on the campus. The faculties are being trained, motivated and encouraged for expanding research base. The University is committed to its policy of achieving excellence in its entire future endeavour.

4.1 Physical Facilities

4.1.1 How does the university plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The Central University of Jammu is presently working from the Temporary Academic Block at Sainik Colony, Jammu. The upcoming campus at Bagla, Samba will be equipped with adequate infrastructure facilities, vital for effective and efficient conduct of the educational programmes. Recently the University has shifted its Administrative Office to the permanent campus situated at Bagla village. The Central University of Jammu has taken adequate steps to ensure that the growth of the infrastructure at the new campus is able to cater to the growing needs of the institution. The requirements relating to infrastructure obtained from Departments of Studies/ Offices etc. are scrutinized by approved proposal, the grant is being utilized as per the requirements prioritized for the creation at the new campus and augmentation of physical infrastructure at the temporary academic block. Efforts are made to ensure the quality and optimum utilization of infrastructure created. From planning to deliverance, the process is structured, made transparent and has participation of stakeholders. The interim proposals are prepared for upgrading the infrastructure at the Temporary Academic Block on need basis. The supportive facilities on the campus are developed to contribute to the effective ambience for curricular, extra-curricular and administrative activities. The budgetary support provided to the University for creation of infrastructure during the last four years is as under:

Budgetary Allocation for Physical Infrastructure

S.No	Year	Components			Amount (Rs in lakhs)	Source
		Recurring (in lakhs)	Non-Recurring (in lakhs)	Salary (in lakhs)		
1	2011- 12	600.00	550.00	00.00	1150.00	UGC
2	2012- 13	216.25	2411.25	410.00	3037.50	UGC
3	2013 - 14	1283.75	5626.25	590.00	7500	UGC
4	2014 - 15	500.00	11962.50	1000.00	13462.50	UGC
5	2015 - 16	2500.00	37808.00	4000.00	44308.00	UGC & MSJE
Total		**5100.00**	**58358.00**	**6000.00**	**69458.00**	

4.1.2 Does the university have a policy for the creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

The Central University of Jammu as a policy always gives thrust for promotion of good teaching learning environment. The Temporary Academic Block is well equipped with nearly 30 classrooms and research scholar cabins. The faculty cubicles have been provided in TAB. In most of the Academic Departments and Centres of Studies, lecture rooms have been provided with Projectors and Smart Classrooms have been developed. Some common facilities like Auditorium, Committee Room, Medical Centre, Canteen, Common Rooms for boys and girls and Indoor Games Rooms have been created at The Temporary Academic Block keeping in view the space constraint. Laboratories for Computer and Environmental Sciences are continuously being upgraded. Computing facilities have been provided to all teaching faculty at the Common Labs and the use of technology is encouraged in teaching-learning process. In the recent past, the following initiatives have been taken at the University:

- Replacement of Green-board by smart classrooms
- Most of the class rooms are being provided with the facility of LCD projector
- Refurbishing of Auditorium
- Establishment of Auditorium at upcoming campus
- Construction of residential flats for faculty at the upcoming campus
- Computer to all faculty members with internet facilities
- Establishment of Faculty / Department Libraries as per the need
- Digitalization of Library books
- Introduction of E-Office
- E-resources of the Journals of repute are subscribed.
- Establishment of two conference halls
- Introduction of MIS and other IT support services for smooth functioning of the university
- Email facility to all teaching and non-teaching staff
- Extensive, support and improvement of laboratory and allied facilities
- Introduction of File tracking System

The upcoming campus at Bagla, has full fledged infrastructure for academic block as well as administrative block which accommodates two departments which is enabled with all requisite facilities. The Budgetary Support during the last 4 years for consolidation of laboratories & ICT facilities is as follows

Budgetary Allocation for Laboratories ITC Facilities

S.No.	Years	Components	Grant in (Rs. in lakhs)	Source
1	2011-12	Equipment ICT Infrastructure Smart Classrooms	16.25	UGC
2	2012-13	Equipment ICT Infrastructure Smart Classrooms	32.43	UGC

3	2013-14	Equipment ICT Infrastructure Smart Classrooms	16.27	UGC
4	2014-15	Equipment ICT Infrastructure Smart Classrooms	13.68	UGC
5	2015-16	Equipment ICT Infrastructure Smart Classrooms	51	UGC

4.1.3 How does the university create a conducive physical ambience for the faculty in terms of adequate research laboratories, computing facilities and allied services?

The University has provided cubicles for each faculty member and well equipped Computer laboratories with computing facilities and other allied services like ICT connectivity, Wi-Fi, R.O. systems and specialised laboratories for EVS, etc. The University lays great emphasis on providing a conducive physical ambience based on requirement projected by the individual departments. As Faculty members have been provided with dedicated space backed by uninterrupted power supply for majority of the Departments in Temporary Academic Block. High speed internet connectivity and other such facilities are provided by the University in a centralized manner which includes Computer Laboratory, Canteen, Medical facilities etc. Library resources have also undergone significant up gradation which includes e-resource databases like Emerald and JSTOR and e-library facilities have also been provided. Common rooms have been provided for both boys and girls for recreational activities.

4.1.4 Has the university provided all departments with facilities like office room, common room and separate rest rooms for women students and staff?

All the academic departments have been provided with facilities like Office Rooms, Common Rooms with adequate furniture and separate Rest Rooms for women students & staff as a common facility. The upcoming campus at Bagla village is being equipped with all the fundamental requirements, the fund allocation is as follows:

Fund Allocation for Infrastructural Development at Bagla

Works Under Execution	Contract Value (Rs in cr.)	Progress Achieved (Rs in cr)	Likely Date of Completion
• DDE Building • Faculty Residences • Gate Complex	116.29	59	Completed
Road Package incl Cross Drainage and water Retaining Structures	264.98	72	Under Progress
External Electrical Work	4.76	9.44	Partially completed
24 Rooms Guest House	4.91	1.88	Under Progress
Total	**430.17**	**142.32**	

4.1.5 How does the university ensure that the infrastructure facilities are disabled-friendly?

It is consistent effort of the University to make the University campus disabled friendly. In the recent past, the University has created facilities like ramps at TAB. The Central University of Jammu has implemented Government of India policy with regard to reservation for physically challenged in admissions and constructions.

Employment Status of Differently Abled Empoyees

S.No.	Year	Designation	Total
1	26-12-2013	Mr. Kamlesh Kumar (Assistant Professor) Mathematics	01

4.1.6 How does the university cater to the requirements of residential students? Give details of Capacity of the hostels and occupancy (to be given separately for men and women)

University has Boys and Girls hostels with details as under:

Details of Hostel Facilities

(A). Girls Hall of Residence

Girls Hostel	Capacity	Occupancy	SC	ST	OBC	PH	UR	VACANT
B-123, Sainik colony, Jammu	115	10	10	04	21	NIL	40	11

(B). Boys Hall of Residence

Boys Hostel	Capacity	Occupancy	SC	ST	OBC	PH	UR	VACANT
Galaxy Enclave Sec. E, (Extn.) Sainik Colony, Jammu	127	50	06	02	19	NIL	23	40

The Central University of Jammu provides three separate hostels two for Girls and one for Boys. The hostels provide all the essential facilities like Mess, reading room, where all leading National and local newspapers are available. Whereas 24 hrs Power and backup is also provided. TV, washer facility, gysers for supply of hot water, water coolers with RO system, Wi-Fi, and doctor on call is also available. Lady care taker has been appointed for girls' hostel. The indoor and outdoor sports facility is available in all hostels.

Recreational facilities in hostel/s like gymnasium, yoga centre, etc.

The upcoming campus at Bagla will be fully equipped with Gymnasium; courts for outdoor games, common rooms for indoor games for both Boys & Girls hostel. Whereas outdoor games courts are also available.

Broadband connectivity / Wi-Fi facility in hostels.

The Temporary residential facility provides the Wi-fi facility and the upcoming campus will be fully equipped with the internet connectivity and Wi-fi facility.

4.1.7 Does the university offer medical facilities for its students and teaching and non-teaching staff living on campus?

The medical facilities provided by Central University of Jammu are as follow :

		Temporary Academic Block	Main Campus, Bagla
Consultation Room	:	01 area -137.50sqft	01 1768 SQ. METER
Doctor on duty	:	01	01
Consultation Room	:	01	01
Medical Attendant/ Dresser	:	01	01
Office Attendent	:	01	01
Ambulance	:	01	01

In order to provide healthcare delivery to the students/ scholars (Boarders & day timers), employees (Teaching & Nonteaching) and their dependents, The Central University of Jammu established a M.I Room/ Dispensary within the premises of TAB-II Sainik Colony Jammu during Nov-Dec 2012.

The treatment is limited to first aid at OPD level only. No indoor health care delivery facilities are available so far. The no. of patients provided treatment at OPD level & expenditure increased for day to day treatment/ Health care delivery is detailed as below:

Details of Medical expenditure

S.No.	Year	No of Patients	Expenditure
1	2012-13	341	Rs 73523.00
2	2013-14	1601	Rs 158105.00
3	2014-15	2213	Rs 75530.00
4	2015-16	2500	Rs 150000.00

The health care delivery is being managed by engaging a Medical Consultant on contractual basis & Office Attendant on out sourcing basis since the start of dispensary i.e. Nov 2012. Now a regular Medical Attendant cum Dresser has been employed since May 2014 to augment the facilities for health care delivery at the site of main campus village Bagla (Rahya-Suchani) Samba. In 2016, two medical officers have been appointed for TAB and Bagla Campus alongwith medical attendant.

4.1.8 What special facilities are available on campus to promote students' interest in sports and cultural events/activities?

The University provides adequate sports facilities in terms of Cricket/ /football/ volleyball playgrounds and courts for badminton etc. along with the sports staff. Additionally, the University organizes Annual Sports Meet and Annual Cultural event “UDAAN”. The University has created infrastructure for cultural events/activities in terms of Auditorium. Cultural events are organized by Dean Students Welfare. Several duly constituted Cultural Committees coordinate various activities and events. Auditorium facility is provided free of cost to various departments to conduct cultural and extracurricular programs. The Temporary Academic Block also has indoor games facility for table tennis and carom. Competitions are organized for these games. The Details of events is as under:

Details of Cultural Events (Udaan)

S. No.	Year	Events	No. of Participants
1	2012-13	Musical Morning Rangoli Solo Song Folk Group Song Collage Photography Skit	10 25 16 12 08 12 10
2	2013-14	Rangoli Solo Song Folk Group Song Collage Photography Skit Poetry Recitation	32 12 24 13 22 13 18
3	2014-15	Rangoli Teams Solo Song FolkGroup Song On the Spot Painting Collage Photography Mimicry Skit Poetry recitation	16 64 18 36 12 19 20 4 12 19
4	2015-16	Youth Festival Teams Poster making Slogan Seminar Photography Tourism walk Rangoli Photography Heritage walk Slogan Debate Painting Skit Folk song Folk dance	 90 25 25 20 20 100 20 10 40 20 10 15 25 10 10

Any other information regarding Infrastructure and Learning Resources which the University would like to include.

The description of facilities provided at TAB and Bagla campus are as follows :

TAB Class Rooms

Description	No.	Area
LGF	06	3605 sqft.
UGF	05	2286 sqft
1st Floor	05	2897 sqft
Total		**8788 sqft**

Details of Laboratory

Description	No.	Area
Comp.Labs	03	2214sq ft.
EVS	02	1179sqft

Common Rooms

Description	No .	Area
Girls	02	900sqft.
Boys	01	

Faculty & Scholars Room Cabin

S. No.	Designation / Classification	No.	Cabin Area
1	HOD	10	2077sqft
2	Associate Professor	3	5687 sqft
3	Assistant Professor	39	
4	Work Shop	18	
5	Scholar	76	2434 sqft

Barrier Free Environment for PwDs in Central University of Jammu

In response to the provisions under section 46 of the Disabilities Act, 1995 - Non discrimination in the built environment, it has been envisaged to develop Central University of Jammu into most modern, vibrant and Green Campus conforming to GRIHA Five Star Rating.

The Architects M/s SIKKA Associates, the architect of the Central University of Jammu has been requested to incorporate the requisite features of ramps, adaptation of toilets for wheel chair users, Braille symbols and auditory signals in elevators or lifts are in the buildings under execution to provide barrier free access to the persons with disabilities (PwDs).

Accordingly, in the main building of Directorate of Distance Education which has been recently inaugurated in the University Campus Bagla all the provisions of the act viz. approach ramp to the building with tactile flooring and lifts for the vertical movement of users with features of auditory signage's and separate toilets with adaptation for the wheel chair users have been provided for the users

so as to provide Barrier Free Environment.

Reservation of Ground Floors in hostels and accessible toilets for persons with disabilities in compliance to communication from UGC vide no. F.6-6/2016(SCT) dated : 08-08-2016 received from Ms. Madhu Mehra, Under Secretary, University Grants Commission. The details of construction work of the University is as follows :

S.No.	Names of Buildings	Remarks
1.	Academic Buildings	1. Block of 4-storeys with area of 9764 sq. m has been inaugurated at a cost of 48 Cr. to accomodate Administration & Academic in the Block.
2.	Administrative Buildings	
3.	Hostels	(i). 2 no. 100 bedded hostels each with the area of 2500 sq. m are being funded partially by Ministry of Social Justice and Environment (MSJE) (GOI), Est. Cost 17.55, UGC share 14.85 & funding by MSJE 2.70. (ii) Work allocated to CPWD as Deposit Contribution (under process of allotment)
4.	Guest House	24 rooms guest house with an area of 1875 sq. m under construction at a cost of Rs. 4.76 cr. is under construction and likely to be completed by April 2016.
5.	Auditorium	Nil (in Permannent Campus) 01 (in Temporary Academic Block, Sainik Colony, Jammu)
6.	New Academic Blocks of Life Sciences (08 deptts) - 32450.47sq.m and Basic & Applied Sciences (05 deptts.) 26847.87 sq.m	Under process of tendering with estimated cost of Rs. 243.08 crores
7.	Water bodies	04 water bodies of water storage
8.	STP	01 STP commissioned to treat 120 KLD Sewerage at a cost of Rs. 1.8 crores 02 STPs to treat 600 KLD Sewerage at a cost of 6 crores in progress
9.	Herbal Garden	28 Kanals of Area being developed as Herbal Garden at a cost of Rs. 4.86 lakhs
10.	Solar Generation (i) Roof Top SPV Generation - 6.11 MW (ii) Solar Yard Generation - 5.46 MW (funded under ministry of New & Renewable Energy)	DPR stands submitted to Ministry of New & Renewable Energy under Development of Solar Cities
Academic Activities		
1	Programme of overall development of the University	Academic cum Teaching Block, 58 faculty residence, 02 Academic Blocks for 13 departments, construction of Road network, water supply and sewage system, external electrification commissioning of Deep Drilled Tube well, Yoga Centre, energy park and Roof Top solar Generation.

Brief Statement for the Developmental Works under Execution and proposed to be executed during XII- Plan

*Original cost of Sub-phase 1 – **690.00 Cr***

*Revised cost of Sub-phase 1 – **1049.72 Cr***

(Rs. in Crores)

Total Plan Allocation	Grant –In Aid General (Recurring)	Grant –In- Aid Salary	Grant –in-Aid Capital Assets (Non- Recurring)
437.49	25.00	40	375.38 (UGC) 2.70 (MSJE)

(Rs. in Crores)

S.NO	Particulars		Funds
A)	Ongoing Works		
1.	Funds allocated under Grant-in-Aid - capital assets (non recurring)		375.38
2.	Estimated cost of work under execution		532.67
3.	Funds released till date		319.42
4.	Expenditure ending 30/09/2016		271.63
5.	Funds available (3-4)		47.79
6.	Funds required as per Approved Outlay (1-3)		3.07
7.	Deficit/Additional funds required for completion of the works under execution (2-1)		155.23
8.	Total Funds required for completion of the ongoing works (6+7)		158.30 →A
B)	Extended Works of phase 1 proposed to be taken		
i)	School of Life Sciences (08 Deptt)	133.94	
ii)	School of Basic & Applied Sciences (05 Deptt)	109.14	
	Total Estimated Cost	*243.08*	81.00 →B
C) Other Works Proposed to be taken			
i)	Deptt. of Nanotechnology	15.00	
ii)	Deptt. of Earth & Space Sciences	15.36	
iii)	Centre for Atomic Energy *(Development of Mathemeatical Education & Research)*	18.61	
iv)	Sports complex including Directorate Building	3.32	
v)	Yoga Centre	3.70	
vi)	Technology Park	5.00	
vii)	Solar Generation	82.50	
viii)	Herbal Garden	0.80	
	Total Estimated Cost	*144.30*	32.32 →C
	Total additional Requirement of funds during XII Five year Plan (A+B+C)		271.62

>>Note: This includes additional grant of Rs. 35 Cr for construction of boundary wall, Rs. 15 Cr for completion of 02 numbers 100 bedded Hostels Buildings for OBC students and 2.89 Cr for Construction of School of Education over and above the Plan Allocation

Other Infrastructure

S. No.	Description	Area
1.	Auditorium	2000sqft
2.	Sect. Room + Misc Area	1458
3.	Store	318 sqft
4.	Committee Room	540 sqft

BAGLA

Detail of Infrastructure at Bagla

S. No	Description	Area
1	Play Field	41128m^2
2.	Sports Centre	5367.9 m^2
3	Health centre	1768.0m^2
4	Club house	774.0 m^2

Main Campus Infrastructure	
Area of Lab in single deptt. (Science school only)	918sq.m
For 13 deptt.(phase 1) School of life science (4 deptt.) School of basic & applied sciences (9 deptt.)	11934 sq.m
Area of Central library	Level 1 –2407
	Level 2—5747.8
	Level 3—5931.8
	Level 4- 2903.8
Grand Total	16990.4
Area of Common Library per school (6 deptt. School)	850 sq.m

Statement of the fund utilization along with the grants received is as under:

STATUS OF EXPENDITURE POSITION UNDER PLAN SCHEMES (YEAR WISE) (XII PLAN)

NAME OF THE UNIVERSITY: Central University of Jammu

Format II

(Rs.in lakhs)

Sl. No.	Grant Received from UGC							Expenditure incurred upto 30.09.2016 against XII Plan Allocation/ XI Plan Releases					
	Scheme	2012-13	2013-14	2014-15	2015-16	2016-17	Total	2012-13	2013-14	2014-15	2015-16	2016-17	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	XII Plan General Development Grant (including Merged Scheme and Fellowship scheme) which is now a part of XII Plan GDA	3037.50	5000.00	12962.50	13636.61	3170.56	37807.17	1058.45	6890.24	7515.79	13433.69	2926.22	31824.39
2.	Additional Grant (if any please specify) (XII Plan) (Separately for each purpose / project wise)	-	-	-	0	-	0	-	-	-	0	0	0
i	B.Voc	-	-	-	65.00	-	65.00	-	-	-	7.43	0.42	7.85
Ii	Community College	-	-	-	34.00	-	34.00	-	-	-	4.18	1.22	5.40
Iii	ICSSR	1.00	-	-	0	-	1.00	1.00	-	-	0	0	1.00
Iv	Ministry of Science & Technology	-	-	5.00	0	-	5.00	-	-	1.45	2.49	0	3.94
V	Ministry of Social Justice	-	-	135.00	0	-	135.00	-	-	-	135.00	0	135.00
vi	BSR Research Grant	-	-	12.00	22.22	-	34.22	-	-	-	9.43	2.25	11.68
Vii	Establishment of Hindi Dept.	-	-	-	3.50	-	3.50	-	-	-	0	0	0
Viii	IQAC	-	-	-	4.50	-	4.50	-	-	-	2.59	0	2.59
ix	JRF Fellowship	-	-	12.23	0	-	12.23	-	-	4.87	10.01	2.01	16.89
X	UNICEF	-	-	-	9.34	-	9.34	-	-	-	9.34	0	9.34
XI	Digital India	-	-	-	1.03	-	1.03	-	-	-	1.56	0	1.56
Xii	Swami Vivekananda Chair	-	-	-	25.00	-	25.00	-	-	-	0	3.83	3.83
XII	Effective Managerial Skills				2.50	-	2.5				0.28	0	0.28
xiii	IPR				2.00		2.00				1.67	0	1.67
Xiv	Cross LOC Trade					5.13	5.13					3.39	3.39
Xv	Estb. of Wifi Campus					356.88	356.88					0	0
xvi	Estb. of Malviya Chair					575.00	575.00					0	0
	Total	3038.50	5000.00	13126.73	13805.70	4107.57	39078.5	1059.45	6890.24	7522.11	13617.67	2939.34	32028.81

4.2 Library as a Learning Resource

4.2.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

Library at Central University of Jammu was established in 2012. This Library is the Central Library of the University. The University has a Library Advisory Committee with the Vice-Chancellor as Chairperson, Pro-Vice-Chancellor if any, All Deans of the schools, One Professor from each of the schools nominated by Vice Chancellor, Registrar, Finance Officer as members and Incharge Librarian as a convener of the committee. The committee takes decisions about the working of the library, grants to be allocated and all other issues associated with the working of the library.

4.2.2 Provide details of the following:

- **Total area of the library (in Sq. Mts.)-3344 sqft. (TAB)**
- **Total seating capacity: 110**
- **Working hours** (on working days, on holidays, before examination, during examination, during vacation) 09.00 am to 8.00 pm (working days) and 10.00 am to 2.00 pm on Saturday's

  Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

  Upcoming campus at Bagla is having a Central Library and there is separate library for each Department (construction work to be started in Phase-II) Clear and prominent display of floor plan; adequate sign boards; fire alarm; access to differently-abled users and mode of access to collection is shown Clear and Prominent display of floor plan is provided at the entrance of the libraries. Central library is having book shelves that are catalogued, labelled and indexed. Fire extinguishers have been installed at necessary locations on every floor.
- **Total seating capacity**

  The Library is user friendly and provides a total seating capacity of 110, including a browsing centre with 13 systems.

4.2.3 Give details of the library holdings:

a) Print (books, back volumes and theses)

Total books available in the library

Total no. of Books	15236
Theses	102
Dissertations	553
Total	**15891**

a) **Average number of books added during the last three years**

Average no of book added : 4923 /year

b) Non Print (Microfiche, AV) : NIL

c) Electronic (e-books, e-journals)

Details of Electronic Journals

Publisher	URL	No of Titles
Economic and Political Weekly	http://www.epw.in	1
JSTOR	http://www.jstor.org	2585
Wiley	http://onlinelibrary.wiley.com	909
Taylor and Francis	http://www.tandfonline.com	1080
Springer Link	http://link.springer.com	1439
ScienceDirect (10 Subject Collection)	http://www.sciencedirect.com	1000
Total		**7014**
Publisher	**URL**	**Description**
ISID (The Institute for Studies in Industrial Development)	**http://isid.org.in**	ISID has developed databases on various aspects of the Indian economy, particularly concerning industry and the corporate sector. It has created On-line indexes of Indian Indian Social Science Journals (OLI) and Press Clippings on diverse social science subjects. These have been widely acclaimed as valuable sources of information for researchers studying India's socio-economic development.
JCCC (J-Gate @ UGC-INFONET)	**http://jgateplus.com**	J-Gate is an electronic gateway to global e-journal literature. Launched in 2001 by Informatics India Limited, J-Gate provides seamless access to millions of journal articles available online offered by 12,356 Publishers. It presently has a massive database of journal literature, indexed from 41,125 e-journals with links to full text at publisher sites. J-Gate also pl to support online subscription to journals, electronic document delivery, archiving and other related services.It also provides access to Table of Contents

		(TOC)-For 41, 125 e-jouranls and a comprehensive searchable database with 42,554,091 articles, with 10,000+ articles added every day.
MathSciNet	http://www.ams.org/mathscinet	▸ ***Journals*** *(Notices of the AMS* 8 original research journals, 4 trlations journals, 2 open access journals; over 1,100 articles published annually) ▸ ***Books*** (approximately 80 new books published annually; over 3,500 titles in print; monographs and proceedings in 27 active series and others not in series; eBook collections and subscription) ▸ ***Mathematical Reviews*** founded in 1940 (2.9 million items in the MR database online as **MathSciNet** ; approximately 125,000 items added each year; over 2,000 journals covered; links to over 1.7 million original articles; 694,000 authors indexed; over 15,100 active reviewers)

- The Central library has membership of DELNET (Developing Library Network), New Delhi. Apart from it, Central library has signed MOU with INFLIBNET for uploading the electronic copy of Ph.D Theses in Shodhganga, a national repository of E-theses and dissertations.

- The Central Library is now completely automated. It has all records using KOHA-open source software. The smart card is issued to all the admitted students for using in the library.

Details of Journals and funds allocation

Department	Journal Title	Publisher	Annual Subscription Price
Economics	indiastat.com	indiastat.com(2013-14)	86250/-
	indiastat.com	indiastat.com(2014-15)	
	indiastat.com	indiastat.com(2015-16)	
			86250/-

Education	Title of the Journal	Publisher	Price
	Contemporary Education Dialogue	Sage Publications India Pvt Ltd, New Delhi.	2730
	Higher Education for the future		2730
	Journal of education for Sustainable development		2100
	Psychology and Developing Societies		2730
	Economic and Political Weekly	Economic and Political Weekly, 320-321, A-Z Industrial Estate, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013 (India).	4200
	Young	Sage Publications India Pvt Ltd, New Delhi.	17640
	Journal of Educational & Psychological Research	CLDS Memorial Education Society, Rewari (Haryana)	700
	COMSA Journal of Open Schooling	National Institute of Open Schooling, A-24/25, Sec-62, Institutional Area, Noida-201309.	1000
	Journal of Community Guidance and Research	Neelkamal Publications, Hyderabad.	3000
	Indian Journal of Gender Studies	Sage Publications India Pvt Ltd, New Delhi.	4100
Mathematics	Proceedings of Mathematical Sciences	Indian academy of Sciences, Bangalore	500
	Journal of Discrete Mathematical Sciences & Cryptography	Taru Publications, New Delhi and Taylor & Francis	6000
	COLLNET Journal of Scientometrics and Information Management	Taru Publications, New Delhi and Taylor & Francis	3000
	Journal of Dynamical Systems & Geometric Theories	Taru Publications, New Delhi and Taylor & Francis	3000
	Resonance –Journal of science Education	Indian academy of Sciences, Bangalore	700

	Title of the Journal	Publisher	Price
NSS	China Report: a Journal of East Asian Studies	Sage Publications India Pvt Ltd, New Delhi.	5460
	Jadavpur Journal of International Relations		2730
	Contemporary Review of the Middle East		5460
	South Asia Review		4100
	India Quarterly		5460
	Border Affairs	Border Affairs, New Delhi	200
	South Asian Survey	Sage Publications India Pvt Ltd, New Delhi.	2730
	History and Sociology of South Asia		2730
	International Studies		3360
	South Asia Research		4100
Environmental Sciences	Current science	IAS, Bangalore	INR5000/-
	Resonance	IAS, Bangalore	INR700/-
	Asian Journal of Water, Environment Pollution	TERI	INR3600/-
	Journal of Resources Energy and Development	TERI	INR1500/-
	Journal of Geological Society of India	Springer	Online Access available to our University through INFLIBNET
	Journal of Earth System and Science	IAS, Bangalore	INR700/-
	Journal of Bioscience	IAS, Bangalore	INR700/-
	Indian Journal of Biotechnology	NISCAIR	INR1200/-
	Journal of Scientific and Industrial Research	NISCAIR	INR3600/-
	Journal of Experimental Biology	NISCAIR	INR4600/-
	Down to earth	DTE	INR1085/-
	Terra Green	TERI	INR540/-

	Magazine		
	Discovery	Discovery Magazine	Under Process
	Dream 2047	Vigyan Prasar	Under Process
	Geography & You	IPP Ltd	Under Process
	Mausam	IMD	Under Process
	Asian Journal of Research in Chemistry	AJRC	Under Process
	Energy Future	TERI	Rs800/-
	TERI Information Digest on Energy and Environment	TERI	Rs.1700/-
	Bioenergy India	Winrock International India	Under Process
	Climate Change and Environmental Sustainability	Indian Journals.com	Under Process
	Journal of Biofuels	Indian Journals.com	Rs.3000
Mass Communication and New Media	Mass Communicator: International Journal of Communication studies (Quarterly)	Jagannath International Management school	Rs.1200/-
	Vidura	Press Institute of India	Rs200/-
	Communicator	Indian Institute of Mass Communication	Rs80/-
	Sanchar Madhyam	Indian Institute of Mass Communication	Rs50/-
	Journal of Creative Communications	Sage	$382 Rs23,684/-
	Journal of Advanced Research in Journalism and Mass Communication	Advance Research Publications	Rs.2800/-
	Journalism and Mass	Sage	Under Process

	Communication Quarterly		Under Process
	Media Watch	Media Watch	Rs3000/-
	Media Mimanasa	Makhanlal Chaturvedi National University of Journalism & Communication	Under Process
	Grassroots	Press Institute of India	Under Process
English	Journal of contemporary Thought	The Forum on contemporary thought, Baroda	Under Process
	The Book Review	Book Review Literary Trust, New Delhi	Under Process
	The Atlantic Critical Review (Quarterly)	Atlantic Publishers & Distributors, New Delhi	Under Process
	The Atlantic Literary Review (Quarterly)	Atlantic Publishers & Distributors, New Delhi	Under Process
	Jadavpur Journal of Comparative Literature	Jadavpur Journal of Comparative Literature,	Under Process
	Jadavpur University: Essays and Studies	Jadavpur University, Kolkatta-700032.	Under Process
	Journal of the Department of English	University of Calcutta	Under Process
	Sambalpur Studies in Literatures and Cultures	Sambalpur University	Under Process
	Indian Journal of Gender Studies	Centre for Women's Development Studies	Under Process
	Littcrit	Littcrit, 'Samanuaya'	Under Process
	JSL	The Journal of the School of Language, Literature & Culture Studies, Jawaharlal University, New Delhi	Under Process
	Translation Today	CIIL	Under Process
	The Literary Criterion	Dhvanyaloka	Under Process
	International Journal of Trlation	Bahri Publications	Under Process

	PMLA (Publication of Modern Language Association of America)	Modern Language Association of America, New York	Under Process
	Indian Folk Life (Journal of national folk lore support centre)	Editor, Indian Folk Life (Journal of national folk lore support centre)	Open Access
	Journal of Oriental Studies	HKU: Centre for Oriental Studies	Under Process
	Diacritics	John Hopkins University Press	Under Process
	Modern Fiction Studies	John Hopkins University Press	Under Process
	Victorian Studies	Indiana University Press	Online Access provided through Project Muse
	Journal of Popular Culture	Blackwell Publishing	Online Access provided through Wiley Online
HRM & OB and Travel and Tourism Management	Vikalpa	Sage Publication India Pvt. Ltd.	3150/-
	The Journal of Entrepreneurship Asian Journal of Management Cases		2730/-
	Business Perspective and Research	Sage Publication India Pvt. Ltd.	2730/-
	Indian Journal of Corporate Governance	Sage Publication India Pvt. Ltd.	2730/-
	South Asian Journal of Human Resource Management	Sage Publication India Pvt. Ltd.	2730/-
	Statistical Modelling	Sage Publication India Pvt. Ltd.	22680/-
	IIM Kozhikode Society Management Review		2100/-
	Global Business Review	Sage Publication India Pvt. Ltd.	8190/-
Public Policy and Public Administration	Journal of Public Administration Research and Theory	Oxford University Press	£374

	Indian Journal of Public Administration	IIPA, New Delhi	Rs.800
	Nagarlok	IIPA, New Delhi	Rs.300
	Indian Police Journal	Bureau of Police Research & Development	
	Indian Journal of Criminology and Criminalastics	National Institute of Criminology and Forensic Science	Rs.400
	Public Affairs and Governance	Indian Journals.com	Rs.1200
	Kurukshetra	Publication Division	Rs.100
	Seminar	F-46, Malhotra Building, Janpath, New Delhi-110001.	Rs.500
	Mainstream	Perspective Publications Pvt Ltd,	Rs.1000 (Life Time Subscription)
	Economist	The Economist	Rs.6000
Social Work	Indian Journal of Social Work	TISS, Mumbai	Rs.600/
	Social Change	Sage Publications (I) Pvt Ltd,	Rs. 5460
	Contributions to Indian Sociology		Rs. 4100
	History and Sociology of South Asia		Rs. 2730
	Society and Culture in south Asia		Rs. 1800
	Rajagiri Journal of Social Development	Rajagiri College of Social Sciences, Kochi, Kerala	Rs. 250
	Perspectives in Social Work	Nirmala Niketan, 38, New Marine Lines, Church Gate (EAST), Mumbai-400020.	Under Process
	Indian Journal of Rural Development	NIRD	Under Process
	Journal of School of Social Work	Journal of School of Social Work	Under Process
	Journal of Madras School of Social Work	Madras School of Social Work	Under Process
	Social Change	Sage	Under Process
	Social Work Chronicle	Publishing India Group, New Delhi	Rs. 2700
	Contributions to Indian Sociology	Sage	Under Process
	British Journal of Social Work	OUP	Under Process
	Social Work	OUP	Under Process

Number of Journals available in the Library

S.No.	Discipline	No. of E-Journals
1	Accounting and Finance	26
2	Agricultural Sciences	27
3	Material Sciences	182
4	Anthropology	124
5	Archeology	109
6	Architecture	38
7	Area Studies	246
8	Arts	523
9	Astronomy	17
10	Biological Sciences	201
11	Biotechnology	78
12	Botany	113
13	Business and Management	335
14	Chemistry	261
15	Computer Sciences	222
16	National Security	06
17	Economics	388
18	Education	325
19	Engineering and Technology	194
20	Environmental Sciences	280
21	Food Sciences	24
22	Geography	160
23	Geology	29
24	History	235
25	Languages	193
26	Law	133
27	Literature	242
28	Mass Communication	76
29	Mathematics	255
30	Medical Sciences	228
31	Philosophy	144
32	Political sciences	192
33	Psychology	183
34	Public Administration	45
35	Religion	72
36	Social Sciences	347
37	Statistics	55
38	Tourism and Travel Management	21
39	Veterinary Sciences	31
40	Zoology	126

a) **Special collections (e.g. text books, reference books, standards, patents) : NIL**
b) **Book Banks : NIL**
c) **Question Banks : NIL**

4.2.4 What tools does the library deploy to provide access to the collection?

The central library has an automated system to provide access to the collection of resources. Library is in the process of providing remote access of the Resources to Students, Research scholars and Faculty.

4.2.5 To what extent is ICT deployed in the library? Give details with regard to

The library has 13 computers with wi-fi internet facility. The internet and reprographic facility is available to students.

* Total number of computers for general access: **13**
* Total numbers of printers for general access: **02**
* Internet band width speed:
* Institutional Repository: **NIL**
* Content management system for e-learning: **NIL**
* Participation in resource sharing network/consortia (like INFLIBNET) : **YES**

4.2.6 Provide details (per month) with regard to

* Average number of walk-ins :

Details of walk-ins in library at Central University of Jammu

S.No.	Library Visitor	Year 2011	Year 2012	Year 2013	Year 2014	Year 2015
1	No. of Users visited library	487	6345	8241	7093	14119

Average number of books issued/returned :

S. No.	No. of Books issued / return in the year	Eng.	Edu.	Math.	Comp. Sc.	EVS	HRM	TTM	Eco.	SSW	Mass. Comm. and New Media	Pub. Policy and Pub. Adm.	Nat ional Secu- rity Stud.	Hindi	St- aff/ Fac- culty	T o t a l
1.	2011-2012	229	0	835	0	0	0	0	551	0	0	0	0	0	570	2185
2.	2012-2013	289	1609	895	199	409	276	213	397	0	0	0	0	0	598	4885
3.	2013-2014	291	1929	879	420	574	302	276	411	0	0	447	47	0	617	6193
4.	2014-2015	279	1166	992	774	846	409	151	296	68	92	116	78	0	496	576
4.	2015-2016	188	760	789	568	762	264	103	185	84	89	108	112	25	278	4315
	TOTAL	1276	5464	4390	1961	2591	1251	743	1840	152	181	671	237	25	2559	23341

Access of e-journals & resources (in numbers)

Mass Communication and New Media	Public Policy and Public Administration	National Security Studies	Staff/ Faculty	Total
0	0	0	570	2185
0	0	0	598	4885
0	447	47	617	6193
92	116	78	496	5763
92	**563**	**125**	**2281**	19026

* Ratio of library books to students enrolled: * Average number of books added during the last four years

4800 Books are added on an average annually to the library resources.

Year wise books procured in the Central Library, Central University of Jammu

S. No.	Subject	No. of Books Purchased during 2011	No. of Books Purchased during 2012	No. of Books Purchased during 2013	No. of Books Purchased during 2014	No. of Books Purchased during 2015	Total
1	Computer Science	0	515	233	327	157	1235
2	English	355	358	112	343	220	1388
3	EVS	0	241	225	120	207	793
4	Economics	90	820	755	275	57	1997
5	Education	0	594	123	103	125	228
6	General/Ref Books	298	69	55	6	150	578
7	Human Resource Management	0	416	11	83	355	865
8	Mathematics	136	558	87	121	110	1012
9	National Security Studies	0	0	182	213	30	1437
10	Public Policy and Public Administration	0	0	282	159	Nil	441
11	Tourism and Travel Management	0	430	95	229	94	848
12	Sociology and Social Work	0	0	0	343	175	518
13	MCMN	0	0	0	119	114	233
14	Gifted Books	0	52	48	11	Nil	111
	Total	879	4053	2208	2452	1794	11683

Books(As on 6th October 2016)

Total No. of Books	15236
Theses	102
Dissertations	553
Total	15891

* Average number of login to OPAC: NIL

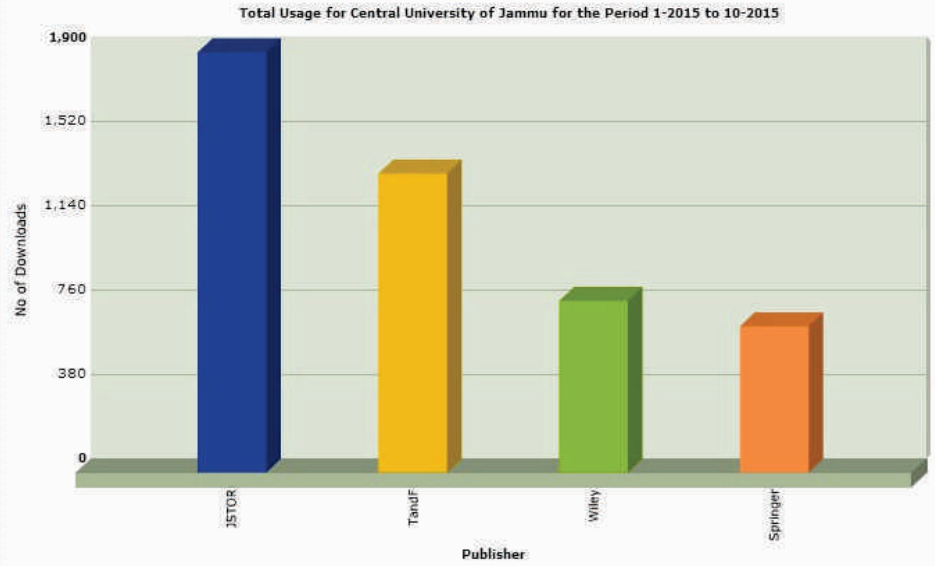
* Average number of login to e-resources:

Journal | Database | Book

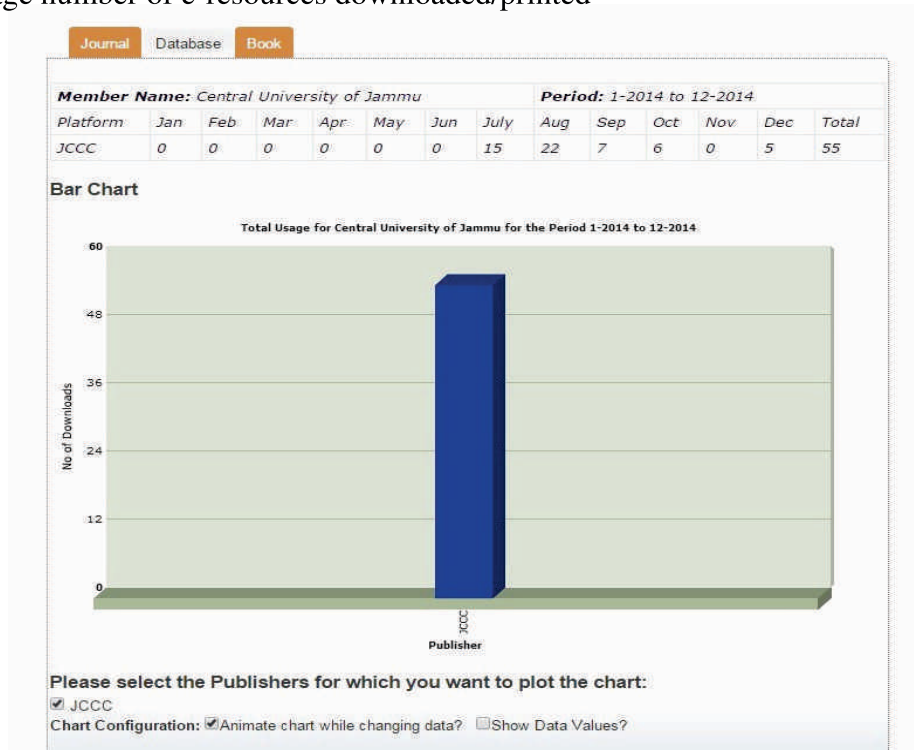
Member Name: Central University of Jammu **Period:** 1-2015 to 10-2015

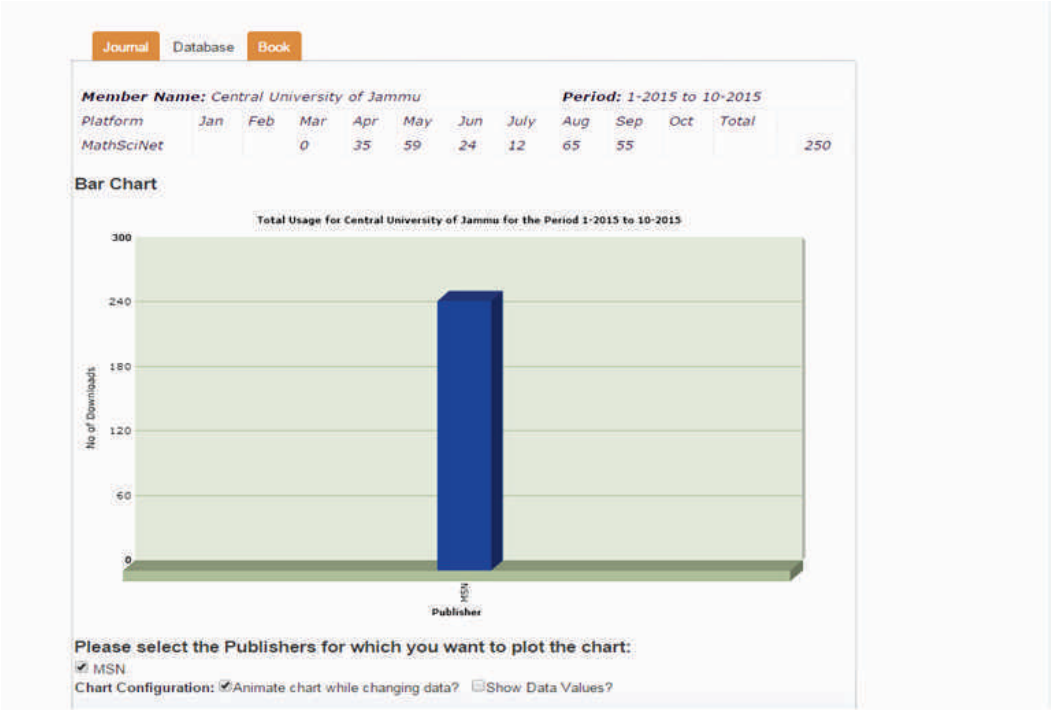
Platform	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Total	
JSTOR	297	201	318	458	617							1891
Taylor and Francis	153	115	72	102	338	81	231	128	125			1345
Wiley-Blackwell	107	42	43	156	55	21	157	62	129			772
Springer Link	143	59	33	48	58	53	124	60	80			658

Bar Chart



* Average number of e-resources downloaded/printed





***Number of IT (Information Technology) literacy trainings organized** (Librarian) :
NIL

Manuscripts - Browsing of Manuscripts on Computer, Digitization of Manuscripts, Providing digitized CD of manuscript with the permission of the University Library to the Research Scholar
Reference - Providing online reference service to the user community
Reprography/Scanning - Selected need based facility to provide the Faculty members/ Research scholars.
Inter-library loan service - Not available
Information Development and Notification – Informing to the users community on latest acquisition of documents latest development in the library through notification.
OPACs - Web based access/searching of e-books/e-journals other electronic materials.
Internet access - Yes
Downloads - Yes
Printouts - Yes
Reading list / Bibliography compilation - Yes
In-house/remote access to e-resources - in progress
User Orientation - Yes
Assistance in searching Databases -Yes
INFLIBNET / IUC facilities - Yes

Details of Annual Library Budget

Year	Description	Fund (Rs. In Lakhs)
2011-12	Journals Books Others	5.03
2012-13	Journals Books Others	40.47
2013-14	Journals Books Others	24.93
2014-15	Journals Books Others	40.83
2015-16	Journals Books Others	48.00

4.2.7 Provide details of the annual library budget and the amount spent for purchasing new books and journals.

Year Wise Break-Up of the amount kept for purchase of Library Books /Journal an Expenditure Incurred

Year	Budget Allocation	Expenditure (in lakhs)
2012-13	50.00	45.23
2013-14	50.00	32.76
2014-15	60.00	40.83
2015-16	60.00	55 approx.

4.2.8 What initiatives has the university taken to make the library a 'happening place' on campus?

Book Exhibition is a regular practice along with direct communication with the vendors. The library Regularly updates the stakeholders with the contemporary literature, be it books magazines or journals. National Book Trust also organises Exhibition in the University.

4.2.9 What are the strategies used by the library to collect feedback from its users? How is the feedback analysed and used for the improvement of the library services?

Library obtains feedback from the user community in formal way through a structured feedback form and analyses it with help of statistical techniques to provide better services to them. Organization of Orientation Programme for user community in the beginning of Academic Session by providing brochure/pamphlet of the Central Library regarding collection, services, rules & regulations and structure of the Library. In addition to above, advisory services are provided to the staff to the users from time to time.

4.2.10 List the efforts made towards the infrastructural development of the library in the last four years.

Purchase of computers, fixture & furniture's, equipments, etc.

The following efforts have been made towards the infrastructural development in last four years :

(i) Construction of dedicated Library building in the upcoming campus
(ii) Purchase of Almirah/Chairs/Tables/Carpets etc.
(iii) Facility of partition for Divisions/Sections.
(iv) University submitted a proposal for Solar Power Station for the Library in the permanent campus

4.3 IT Infrastructure

4.3.1 Does the university have a comprehensive IT policy with regard to listed parameters such as IT Service Management, Information Security, Network Security, Risk Management, Software Asset Management, Open Source resources.

The University has comprehensive, well defined and declared IT policy with regard to listed parameters such as IT Service Management, Information Security, Network Security, Risk Management, Software Asset Management, Open Source resources and Green Computing, to a fair degree, all these parameters are in practice. The University has a Central Computer Lab for catering to the needs of all the stakeholders. The services offered include IT infrastructure, services, software systems and other resources etc. Besides the Computer Laboratory Department of Computer Science, collaborates on policy matters and guidelines provided by CU Jammu, UGC and other departments under various Ministries of Govt. of India on the following:

IT Service Management: The policy for implementation, improvement and management of information technology services at CU Jammu focuses upon providing a framework to structure IT services wherein the University manages the infrastructure, updation and its maintenance. Also university provides services of IT technical personnel so that quality of the IT services and products are delivered according to their needs which also change with time. The Information Technology Infrastructure is the guiding tool for the IT Technical Personnel. The framework referred to above encompasses set of rules, procedures, event and non-event driven processes, inventory, documentation, logs of events, skilled and trained human-ware, tools and techniques etc., to meet the set goals.

Information Security: CU Jammu has the policy of defending information from unauthorized access, use, disclosure, disruption, modification, perusal, inspection, recording or destruction. Implementation of identification, authentication and authorization mechanisms, enforcement of guidelines to users, Setting up of personal firewall rules, hardening of computing devices for security, provisioning of gateway level security, limiting open ports, monitoring of logs, backup of data, etc., are some of the processes which help in achieving information security.

Network Security: To mitigate many network security threats today that are spread over the Internet like, Viruses, worms, and Trojan horses, Spyware, malware and adware, hacker attacks, Denial of service attacks, Data interception and theft, Identity theft, etc., CU Jammu has the policy for network security. Apart from physical security of the network, other security components deployed are: (i) Firewalls, (ii) Anti-virus and Antispyware, (iii) Bandwidth management and control to provide secure remote access.

Software Asset Management: For managing and optimizing purchase, deployment, maintenance, utilization and disposal of software applications and software systems within CUJ, the model is followed which consists of the basic steps: (i) Inventory of software assets is maintained, (ii) Software licenses and documentation are organized.

4.3.2 Give details of the university's computing facilities i.e., hardware and software.

Table No.-12

Details of Computing Facilities at University Computer Centre are given below:

Heads	Numbers
Number of Desktop PCs Having configuration: Core 2 Duo/Core is CPU, 4GB RAM,500GB/1 TB HDD, DVD Writer, KB, Mouse, LCD/LED Monitor	230
Computer-Student Ratio	1:4
Wi-Fi Facility (Total No. of Access Points)	27 AP (approx.)
LAN Facility (Speed)	1Gbps
Proprietary Software ArcGIS, SPSS, MATLAB, ENVI	SPSS
Number of Nodes/Computers with Internet Facility at Computer Centre	100
Number of Nodes/Computers with Internet Facility at University Campus	All
Any Other: D.G. Set Facilities for 24x7 support	04 at TAB 01 at Bagla

A dedicated ICT unit having most of the latest IT facilities like high speed printing, good quality printing, fast scanning, internet, wi-fi, photocopier, colour photocopier - MFF, are provided as a common facility at Bagla campus.

4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

For deploying and upgrading the IT Infrastructure and associated facilities the major strategy adopted by the University is to achieve the goals through the funding from 5 year Plan and UGC Projects etc. and also internal savings of the University under approvals from UGC. For example, the University after its establishment has created a full fledged operational Central Computer Laboratory along with the computer facilities for research scholars. Also the university is working on the development of LAN network through Fibre Optic Backbone. Complete WI-FI enabled campus and hostels submitted to MHRD in association with ERNET, India. Amount of Rs. 4.46 cr has already been sanctioned in this regard.

4.3.4. Give details on access to on-line teaching and learning resources and other knowledge and information database/packages

Library provides the facility of on-line journals through UGC-INFLIBNET, Web page, OPAC access of, e-books, e-journals and other electronic databases j-gate, Science Finder/Science Direct, Inter-library loan facility provide to the user community through DELNET etc. Access to on-line teaching and learning resources by staff and students for quality teaching, research and learning is through e-Journals. This facility is subscribed through INFLIBNET. Technological up gradation is done to provide remote access of the library to faculty, research scholars and student for quality teaching, learning and research.

4.3.5 What are the new technologies deployed by the university in enhancing student learning and evaluation during the last four years and how do they meet new / future challenges?

For enhancing learning experience by the students, the University provides Wifi enabled Temporary Academic Block. Also the university has provided the internet facilities at Hostels for the benefit of the students and research scholars.

The University during last four years has taken number of technological enhancement and up-gradation steps as described below:

1. Proposal for establishment of Language Labs has been submitted by the University
2. Up-gradation of various computer laboratories across the campus has taken place by adopting latest hardware and software systems with capacity enhancement objects.
3. The Internet speed has been upgraded from 44 Mbps to 1Gbps. The bandwidth utilization has increased 10 folds and is likely to saturate as soon as networking projects in hand gets completed.
4. The video conferencing facilities has been established as central pool facility for all the departments
5. The University also conducts seminars and workshops for various stakeholders.

4.3.6 What are the IT facilities available to individual teachers for effective teaching and quality research?

A large number of teachers are equipped with a laptop, printer, scanner and Internet connection via campus LAN. Access to network based SPSS and other specialized software are available to such teachers and scholars.

Further, Library resources provided by Central Library are also available

Resources Provided by Library

Items	Quantity (TAB)	Quantity (Bagla)
Photocopier	02	02
Visulizer		
UPS	10	10
Printer	02	02
Server	02	02
Projector		
Computer	10	10

4.3.5 Give details of ICT-enabled classrooms/learning spaces available within the university? How are they utilized for enhancing the quality of teaching and learning?

The University is in the process of transforming traditional green/white board based teaching methodology to ICT enabled smart class-rooms. Already few departments are well equipped with the smart class rooms. All the departments have WiFi facilities along with projector. All the teachers are well trained for utilizing the IT enabled infrastructure.

4.3.6 How are the faculty assisted in preparing computer- aided teaching-learning materials? What are the facilities available in the university for such initiatives?

As per guidelines of UGC, the University Computer Department as well as other departments organizes short term and extensive training programs for teachers, research scholars and other category of staff in the University. These training programs are conducted mainly on Windows Operating Systems, Microsoft Office. The other training programs are also organized on SPSS, Anti-plagiarism tools, Java, oracle, hardware, networking etc. The university deputes its faculty members for participating in the Orientation and Refresher programmes along with various seminars and workshops time and again. Such programs, in turn help the teachers for carrying out their teaching practices.

4.3.7 How are the computers and their accessories maintained?

Computers and related peripherals are generally purchased under a minimum of 3 years on-site comprehensive warranty. The supplier firm is entrusted the task of providing on-site comprehensive support by the AMC. The in-charge coordinate with the supplier firm for fixing any hardware and software issues until the expiry of the warranty. After the expiry of warranty, financial implications are met with the internal resources of the university. All these operations are done under the IT services Management framework as defined under 4.3.1.

4.3.8 Does the university avail of the National Knowledge Network connectivity? If so, what are the services availed of?

The University has 1Gbps connectivity from National Knowledge Network (NKN). The services availed of are: e-Journals Facility, Academic resources on the Internet, video conferencing etc.

4.3.9 Does the university avail of web resources such as Wikipedia, dictionary and other education enhancing resources? What are its policies in this regard?

The University has a liberal policy for access of web resources like Wikipedia and other knowledge enhancing resources.

4.3.10 Provide details on the provision made in the annual budget for the update, deployment and maintenance of computers in the university.

For major upgrades and deployment of services, the Computer Laboratory and other Departments of the University largely depend upon allocations under 5 year plan and University's own internal savings.

4.3.11 What plans have been envisioned for the gradual transfer of teaching and learning from closed university information network to open environment?

Assistance to the teaching community and user community in providing the need based information with the application of ICT in teaching and learning process.

4.4 Maintenance of Campus Facilities

4.4.1 Does the university have an estate office / designated officer for overseeing the maintenance of buildings, class-rooms and Laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

The University has got a full-fledged University Building Department which comprises a Executive Engineer, Assistant Engineers and Junior Engineers with supporting staff to look after the construction and maintenance of the University buildings, roads, water supply lines, sewer lines etc. in the upcoming campus and at Temporary Academic Block. The infrastructure like buildings, roads, sewer lines, water supply lines, electric lines, electrification and other important services for the University campus are being created at the upcoming campus by the dedicated staff or the Building Department and Electricity Department.

4.4.2 How are the infrastructure facilities, services and equipments maintained? Give details.

The University has huge infrastructure facilities in terms of buildings of academic departments & non-academic departments, hostel buildings besides having a vast road and electricity network in its upcoming campus. It also has massive sport facilities as well as IT related infrastructure. The system of maintenance of infrastructure and services on the campus will be decentralized. The day to day maintenance and repair of buildings and roads is the responsibility of the University Building Department headed by an Executive Engineer and a team of Engineers and other technical staff like Mason, Plumber and Electrician etc. To look after the maintenance and ensure uninterrupted power supply, the university has engaged the technical staff.

The University has a Health Office that functions under the administrative control of the University Health Officer and cater to the needs of different stakeholders.

The University ensures uninterrupted connectivity of internal telephones whereas maintenance of IT related infrastructure is being looked after by the Computer Department.

In addition to the above, the following are also important:

- Budgetary allocations are made every year for the maintenance of the infrastructure and equipments.
- Annual Maintenance Contract (AMC) with reputable firms is put in place in accordance to GFR for proper and timely maintenance of the equipments.
- The University Building Department looks after the other infrastructure maintenance as per budgetary allocation.
- Depreciation at fixed rates is also charged out of fixed assets.

CRITERION V

STUDENT SUPPORT AND PROGRESSION

5.1 Student Mentoring and Support

5.1.1 Does the University have a system for student support and mentoring? If yes, what are its structural and functional characteristics?

Yes, the University has a system for student support and mentoring. The main characteristics are as follows :

- The University provides individual and group conference for the students along with field visits where their learning in the field is mentored by faculty. Also, a detailed report of the activities undertaken in the field is formulated.
- Regular activities like Dissertation, Group activities, soft skills enhancement programs, tutorials have been initiated in the departments as a regular feature to groom students' professional skills.
- The University has student grievance redressal mechanism which gives students' essential support to resolve their issues which are academic as well as non-academic in nature. The university maintains the appropriate teacher student ratio which helps in giving proper counselling and mentoring to the students.
- SPARSH i.e Sensitization, Prevention and Redressal of Sexual Harassment under which University has constituted a University Complaints Committee (UCC) to addresses the issues and complaints filed by the students or employees of the University.
- The faculty members provide individual supervision to students and help them in acquiring skills for applying the theoretical aspects of the profession in their field practice.

5.1.2 Apart from classroom interaction, what are the provisions available for academic mentoring?

The students are guided for their field work by the faculty and they are also supervised in the field work settings by the professional equipped with qualification/experience in professional work. A few examples are as follows :

- The Department of NSS initiated some innovative programmes like group project for the students. For example, a project named "Glance of South Asia" has been given to the students and they have to cover all the countries of South Asia and also they have to talk about all the aspects like Demography, Socio-economic, Political, Strategic etc..
- The Department of English has initiated a Forum named "Illuminati" and till date 3 sessions have been conducted. The forum takes up academic texts conjoined with participants' experiences to facilitate, sensitize and provide them understanding of the emerging knowledge in the field. Illuminati organizes seminars, talks and discussions on burning issues. The department also provides e-books and materials to the students. Events like literary quizzes titles "Lit-Wit Quiz" is also organized by the Department for the students.
- Various departments in the University maintain different student clubs which primarily focuses on students' communication skills, debates etc. and give the students a chance to take feedback from the faculty.
- Apart from classroom interactions, the students go for field works on themes like eco-tourism, bird watching etc. The students of Department of Tourism and Travel Management also participate in National Events like Great India Tourism Bazar organized by FICCI.
- Summer training, field trips, quizzes and many other student driven activities are taken up by institution. The initiative of "Friday Club" by the Department of HRM and OB embibes entrepreneurial skills among the students.
- Department of Economics organizes "Friday Seminar" in order to update students about the events that occur in the country or around the world.
- Remedial classes are held for slow learners.

- Regular academic progress is checked through the participation of students in various activities
- Pre-placement training is provided. These training programmes caters to needs of students as regards to their identification, and career prospects.

5.1.3 Does the university have any (personal enhancement and development schemes such as career counselling, soft skill development, career-path-identification, and orientation to well-being for its students)? Give details of such schemes.

Yes, the University has personal enhancement and development schemes such as career couselling, soft skill development, career-path-identification for the well being of the students. The details are as follow :

- Induction- Students are guided on developing skills necessary for social work practitioners and also provided career guidance.
- Curriculum Design- the course is designed in such a way which can cater to the practice/employment needs of the student.
- The University conducts on regular basis various workshops on career counselling, soft skill development, career-path-identification etc. The experts from the industry as well as academia are invited to conduct such workshops.
- Students are counselled at regular intervals regarding career opportunities as well as the choice of courses to opt for within and outside the department.
- The objective of the Central Placement cell of the university is to get students placed in reputed companies, Government Organisations and the Private Sector.
- Soft Skill- Workshops are being conducted at regular intervals by the university for the students for their skill development. The Department of Tourism and Travel Management has started soft skill development programme for its students where experts are called from the industry to guide the students on improving their interview skills, communication skills etc. The Department of Educational studies offers a core course as "Personality Development and Soft Skills" for the students.
- The Department of Mass Communication and New Media has organised remedial classes for improving English language of the students, which is essential for their personality development. Also presentations, group discussions, extempore are organised in the department to orient the students for personality enhancement.
- Students exhibit their abilities in dance, drama, music, fine arts and library activities etc through cultural activities organised by the university

5.1.4 Does the university provide assistance to students for obtaining educational loan from banks and other financial institutions?

Guidance is provided to the students about availing benefits of the welfare schemes provided by the government for educational advancement. So far institution has forwarded two applications for obtaining educational loan. In case, any student needs financial assistance then the University invites banks for interaction with students. The banks otherwise, make presentation about the facilities and schemes available with them. SBI and HDFC bank have already made such presentations which was appreciated by one and all.

5.1.5 Does the university publish its updated prospectus and handbook annually? If yes, what are the main issues / activities / information included / provided to students through these documents? Is there a provision for online access?

Yes, Annual Prospectus is regularly published at the time of admission. It is also posted on website for

wider information about the entire university. The applicants or the students have free online access to these documents. In addition to this, the University also publishes a quarterly newsletter "Campus Update" having all academic and non-academic details of the campus. The Department of Tourism and Travel Management has launched their own newsletter on 20th February, 2015 which is managed by the students of the department.

5.1.6 Specify the type and number of university scholarships / freeships given to the students during the last four years. Was financial aid given to them on time? Give details (in a tabular form) for the following categories: UG/PG/M.Phil/Ph.D/ Diploma/others (please specify).

Students pursuing M.Phil and Ph.D Degrees receive university fellowship. Gender and category wise data related to fellowships is as follows:

Number of Students Availing University Fellowship												
Male				Female				Total				Grand Total
GEN	SC	ST	OBC	GEN	SC	ST	OBC	GEN	SC	ST	OBC	
15	6	2	7	18	8	3	4	33	14	5	11	63

The University has instituted a scholarship of Rs 10000for awarding 1st rank holder in each Department from the session 2014-15. The M.Phil scholars are paid Rs 5000/- and Ph.D scholars are paid Rs 8000/- per month on the basis of their attendance and progress report of supervisor/HOD besides annual contingency grant. The JRF students in different departments are also receiving scholarships/fellowships

5.1.7 What percentage of students receive financial assistance from state government, central government and other national agencies (Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)?

One student from the Department of Social Work and Sociology has availed the benefit of financial assistance provided by Ministry of Social Justice and Empowerment, GOI.

In the Department of Mathematics about 22.5% Students received financial assistance from State, Central Govt. & other national agencies. All the students belonging to reserved category received assistance from Social Welfare Department of the State. Two students from the Department of English are availing Centrally funded Rajiv Gandhi fellowship.

5.1.8 Does the university have an International Student Cell to attract foreign students and cater to their needs?

In order to attract foreign students, an International Student Cell has been established by the University and communication in this regard has been provided to different Embassies. The University is in the process of attracting overseas students from next academic session.

5.1.9 Does the university provide assistance to students for obtaining educational loan from banks and other financial institutions?

The University disseminates the information related to educational loans among students through circulars and also by placing the information on notice board of every Department. In case any student approaches, appropriate bonafide certificate is provided by the institution covering his/her details required for availing this facility. So far university has forwarded 2 applications for educational loan. In addition, awareness is created among students by the banks, HDFC and SBI have already appraised the students about the facility and services they are rendering in this regard.

5.1.10 What types of support services are available for

*** Overseas students**

Currently no overseas student has been registered with the University

*** physically challenged / differently-abled students**

- For admissions,3% seats have been reserved for physically challenged students.
- Infrastructure wise: Ramps, Tactile flooring, wash rooms etc. have been constructed in the main campus at Bagla to facilitate the physically challenged/ differently-abled students etc. A provision of Ramp in TAB has been created to facilitate the movement of physically challenged students.
- In the upcoming campus of the University, care is being taken for providing facilities for PWD students and facilities are being created according to PWD Act of GoI.
- Awareness Programmes by Equal Opportunity Cell are being organised from time to time to sensitise University fraternity towards these issues.

*** SC/ST, OBC and economically weaker sections**

Equal Opportunity Cell of the University is mandated to initiate and ensure implementation of policies, schemes and programmes for the inclusion of disadvantaged group within the framework of policies and guidelines of UGC/ Government/University. The University ensures that every person is provided with an equal opportunity at all levels irrespective of any caste, religion, race, creed, gender, sexual orientation, gender identity, gender expression, marital status, age, minorities, economically weaker section or disability. Various scholarships offered by UGC to such students such as, Rajiv Gandhi National Fellowship for SC/ST candidates, Post Graduate scholarship for Professional courses, Post Doctoral fellowship etc. is being promoted by the University for these students. Total Number of students availing Rajiv Gandhi National fellowship are 2 from Department of English

*** students participating in various competitions/conferences in India and abroad**

The faculty of various Departments encourage students to participate in various conferences and sometimes teachers also go along with them. Students attended "MELA" in Chandigarh i.e Multi Ethnic Literature Association. The students of HRM & OB have participated in various competitions , won prizes and brought laurels to the University. Similarly, students of TTM have also participated in various workshops, seminars and competitions at local and national level. The University is providing financial support to the students to attend seminars and conferences within India and abroad in the form of travel grant. In case of faculty, University has assigned grant of 10,000 twice a year to each faculty for attending national conferences. Besides, university has earmarked budget for faculty members for attending international conferences as per UGC guidelines. Two students attended Saksham Bharat programme and interacted with Minister for HRD, GOI on forthcoming new policy on education. The expenditure for to and fro was given by the university.

*** health centre, health insurance etc.**

- Health Centre with qualified Doctors and Medical Attendant is available during University timings and facility is available on call 24x7.
- Accidental Medical Insurance (Accidental) upto 50000/- is available for students of the University.
- Ambulance facilities available for any emergency

***skill development (spoken English, computer literacy, etc.)**

Various Departments have taken initiatives to improve the skills of their students. The University has been continuously trying to develop the skills of the students by providing them theoretical as well as

practical inputs on all the courses. Apart from this, attention is also paid to other areas/aspects such as spoken english, computer literacy, personality development etc. by encouraging the students to speak in English and complete the assignments by using computers.

***Performance enhancement for slow learners**

Provision of remedial classes for the students belonging to weaker sections exist. In this, faculty encourages them, guides them for further upliftment in their career, so that they can excel in their lives. The University organizes various Programmes for skill development of the students. Department of Economics provides additional classes/ tutorials to any student who needs some academic support from the faculty irrespective of caste, class, creed, religion etc. All the departments are under obligation to provide remedial classes for slow learners as per guidelines of UGC.

***Exposure of students to other institutions of higher learning/ corporate/business houses, etc.**

Students of HRM & OB participated in TATA Crucible: the Campus Quiz and won Rs. 50000/-. Also the students won various prizes at The Business School, University of Jammu and other Institutions.

*** Publication of student**

Students of Department of TTM manage the publication of a newsletter titled "Travelism" on their own.

*** Other facilities**

The students get free transport facility for attending classes at Academic Block and Main Campus. The students are also provided free internet service in hostels, library, outside library at TAB and main campus. 5% leverage in attendance is provided for participation in extracurricular and extension activities, special tests and extra classes are held for the students who participate outside the university.

5.1.11 Does the university provide guidance and/or conduct coaching classes for students appearing for Civil Services, Defence Services, NET/SET and any other competitive examinations? If yes, what is the outcome?

- The University has initiated evening coaching for competitive exams in a formal manner for providing guidance to the students to appear in various competitive examination. Also informally, the faculty members guide the students for civil services, NET/SET and entrance examination for M.Phil./Ph.D as mentors.

- During the session 2013-14, an attempt was made to provide a two week (June-2014) counselling programme for UGC-NET/JRF examination, in which about 18 students were provided some useful tips about various domains of UGC-NET/JRF examinations. Out of 18 students, 7 (38.88%) qualified the UGC-NET/JRF examination conducted in the months of June/December-2014.

5.1.12 Mention the policies of the University for enhancing student participation in sports and extracurricular activities through strategies / schemes such as

- The University organises sports and cultural meet every year and encourages all departments to participate in variety of indoor and outdoor sports activities. The participation of students is always encouraging and they are motivated by giving prizes and appreciation certificates.

Additional academic support and academic flexibility in examinations is also provided. University organises UDAAN festival and Annual Sports meet in this regard.

The Special dietary requirements, sports uniform and materials any other (please specify)

A post of dietician is proposed in order to take care of dietary requirements of the students staying in the hostel. As of now, hostel warden is in-charge of this and he/she strictly maintains the diet chart in consultation with mess committee and ensures that proper nutrition is being provided to the students.

5.1.13 Does the university have an institutionalized mechanism for students' placement? What are the services provided to help students identify job opportunities, prepare themselves for interview, and develop entrepreneurship skills?

The Central Placement Cell of Central University of Jammu endeavours to facilitate and provide suitable placement to students in reputed multinationals, Government Organisations, NGO's and the private sector. It is in touch with leading national and multi-national companies. The Central Placement Cell organized Mega Placement Drive in collaboration with "NSDC-UDAAN" wherein more than 170 students across the State participated out of which 110 got placement offers from 19 participating cooperators.

5.1.14 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus during the last four years).

Department of HRM & OB and TTM publish their placement brochures and keeps regular touch with the corporates. The students of their previous batches (Alumni) are placed in various organisations. The list of students placed from HRM & OB is as follows :

Table No. 23 : List of students placed in corporate houses from department of MBA (HRM & OB)

Session 2012-14	
Name	Company
Pardeep Kumar Verma	Power Grid India, Jammu
Manav Singh Jamwal	J & K Grameen Bank
Akshay Angurana	Canara Bank
Shruti Sharma	Reliance Communication
Randhir Sharma	Thyrocare, Delhi
Sahil Salgotra	Entrepreneur, Udhampur
Vivek Padha	Vodafone, Jammu
Ruhi Bala	Canara Bank
Pranav Gupta	Entrepreneur
Puneet Mahajan	Entrepreneur
Gourav Bali	Applied for Higher Studies (International Assignment)
Giurav Kohli	Power Grid Corporation, Jammu
Ashish	Global Solutions, Delhi / V Mart

Session 2013-15	
Anirudh Singh Kotwal	State Bank of India
Ankita Sodhi	Mount Talent Consulting
Kabita Saini	Mount Talent Consulting
Ashish Verma	V-Mart Retail Limited
Noureen Rehman	Project Fellow, MSME, GoI
Priyanka Sehgal	Project Fellow, MSME, GoI
Suman Jrall	Mount Talent Consulting
Upasana	Mount Talent Consulting
Vivek Sagar	Global Business Solutions
Sahil Sharma	V-Mart Retail Limited

- **Students of MCA placed in companies/ organizations are as follows:**

List of students placed from Department of IT

Name	Company
Abhishek Gupta	CGI Ltd. Bengaluru
Jhempu Bharti	Prime Focus Ltd. Chandigarh
Jyoti Sharma	PWD, Jammu

- **Students of MBA (TTM) placed in companies/ organizations are as follows:**

List of students placed from Department of MBA (TTM)

Name	Company
Ahsan-ul-Haq	Mystique India, Jammu
Anil Kumar	Make My Trip
Aruditya Jasrotiya	Orbitz, Mumbai
Avishek Dalmotra	Kox and Kings, New Delhi
Gourav Kapoor	India Insight Holidays, New Delhi
Gulshan Kumar	Travel Green Earth, Jammu
Isha Suri	Orbitz, Mumbai
Kanan Taggar	Mystique India, Jammu

Natasha Dogra	UNI Globe Shergill Travels
Sanjeev Kumar	Mystique India, Jammu
Shakti Gupta	Sales and Marketing Executives International, Malaysia
Suman Lata	Orbitz, Mumbai
Sunil Kumar	Mystique India, Jammu
Tarun Vashishat	Orbitz, Mumbai
Yudhisther Sharma	Entrepreneur- Angelic Events an Services, Jammu

5.1.15 Does the university have a registered Alumni Association? If yes, what are its activities and contributions to the development of the university?

Alumni association has been established in the University and steps have been initiated to keep the record of achievements of the members of alumni. The purpose of this association is to strengthen the ties between alumni, the community and the institution. The purpose of the association is to foster the spirit of loyalty and to promote the general welfare. The election of alumni association has been held and association has been constituted. The registration process is in progress. The alumni meet is held every year. The alumni provide feedback through their experiences on the problem faced by them relating to curriculum, teaching learning, support services, research, library, sports etc. It provides an eye opener for the university to bring improvements for the benefit of the students.

5.1.16 Does the university have a student grievance redressal cell? Give details of the nature of grievances reported. How were they redressed?

The University has student grievance redressal mechanism which gives students essential support to resolve their issues which are academic as well as non-academic in nature. A grievance redressal committee has been constituted to tide over the difficulties if any raised by the students. A suggestion box has been kept for seeking opinion of the students. Many changes have been incorporated on account of the same viz. change in library timings, internet facility, extension of bandwidth, provision of wi-fi facility in hostels. There is a cell named SPARSH i.e Sensitization, Prevention and Redressal of Sexual Harassment committee has been constituted by the University, under which University is having University Complaints Committee (UCC) and an apex body in order to address the issues and complaints filed by the student or employee of the University. Equal Opportunity Cell also addresses the issues and complaints of the University fraternity. The University ensures every person an equal opportunity at all levels irrespective of any caste, religion, race, creed, gender, sexual orientation, gender identity, gender expression, marital status, age, minorities, economically weaker section or disability.

5.1.17 Does the university promote a gender-sensitive environment by (i) conducting gender related programmes (ii) establishing cell and mechanism to deal with issues related to sexual harassment? Give details.

Yes, Department of Economics offers a course on Gender and Development to MA (Semester IV) students to promote gender-sensitive environment. SPARSH i.e Sensitization, Prevention and Redressal of Sexual Harassment sensitizes the University fraternity towards various issues of contemporary significance through programmes, lectures, street plays etc. Equal Opportunity Cell creates conducive atmosphere for healthy interpersonal relations among students. The University organises lectures on gender equity programmes and women empowerment on regular basis.

5.1.18 Is there an anti-ragging committee at the University? How many instances, if any, have been reported during the last four years and what action has been taken in these cases?

Yes, there is anti-ragging committee at the University level. The objective of this committee is to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student. The students are sensitized about Anti-ragging Act which is published in prospectus besides banners and sign boards are placed at different places in the TAB and at campus to awaken the students about the ill effects of ragging.

5.1.19 How does the university elicit the cooperation of all its stakeholders to ensure the overall development of its students?

Workshops are organised from time to time to discuss the expected learning outcomes of the students. The faculty regularly visits the field work agencies to discuss the development of students placed there. Students also formulate a term plan to be followed in line with the field work objectives of each semester in consultation with the faculty and the agency. The University also collaborates with NGOs for carrying out community development programmes. The University is trying to collaborate with NGO named SEHYOG in this regard. Eminent lecture series is a good initiative by the university towards the overall development of the students. So far the following renowned scholars from various disciplines have delivered their lectures under "Eminent Lecture Series":

- Prof. Sudhir K. Sopory, Vice Chancellor, Jawahar Lal Nehru University, New Delhi.
- Prof. Siddiq Wahid, Former Vice Chancellor, Islamic University of Science and Technology, Awantipora.
- Shri Balwant Thakur, Eminent Theatre Director
- Swami Girijeshnandaji, Secretary, Rama Krishna Mission, Jammu.
- Mr. Saleem Beg, former Director General, Tourism, J&K Govt.
- Air Commodore,Jasjit Singh, AVSM, VrC, VSM.
- Dr. Kavita Sharma, Director, India International Centre, New Delhi.
- Prof. Trilochan Sastry,IIM, Bangalore.
- Prof. Pothni Krishna Prasad, Andhra University.
- Prof. Ved Ghai, Padma Shri Awardee.
- Prof. Chopra, Padma Shri Awardee.

The University obtains the feedback from various stakeholders on different issues. The alumni association, industry-academia interaction, seminars and meeting of various committees also help in

this direction. The data thus obtained is used for incorporating the suggestions which help in improvement of the existing facilities and parameters.

The University celebrated "Youth Day" in technical support from Rajiv Gandhi National Institute of Youth Development, wherein more than 90 students participated in 03 events.

5.1.20 How does the university ensure the participation of women students in intra- and inter-institutional sports competitions and cultural activities? Provide details of sports and cultural activities where such efforts were made.

Facilities for sports and other co-curricular activities are available at the Central University of Jammu. These include outdoor games such as volleyball; badminton, shot-put and basketball. Besides, facilities for indoor games like table tennis, chess and carom are also available. The University is trying to bring in more facilities for female students in the upcoming campus. Various competitions are also organised by the University like UDAAN and Annual Sports Meets, the women candidates are encouraged to participate.

5.2 Student Progression

5.2.1 What is the student strength of the university for the current academic year? Analyse the Programme-wise data and provide the trends for the last four years.

The total strength of the University for the current academic year is 689

Student Progression	2013-14	2014-15	2015-16
UG to PG	-	-	-
PG to MPhil.	2	-	-
PG to PhD	-	-	-
Ph.D. to Post -Doctoral	-	-	-

As Undergraduate Course of B.Voc has been started by the University from the session 2015-16, thus so far no such candidate is there who has been promoted from UG to PG. In other categories, one student each from Department of Economics and from Department of English has been promoted from PG to MPhil.

5.2.2 What is the programme-wise completion rate during the time span stipulated by the university?

Programme-wise completion rate

Completion Rate for Programmes

S.No.	PG Programme	Session*	Completion rate (%)
1.	English and Comparative Literature	2012-13 2013-14 2014-15	100 100 95.45
2.	Mathematics	2012-13 2013-14 2014-15	79.31 85.18 80.76
3.	Education	2013-14 2014-15	86.66 96.29
4.	Economics	2012-13 2013-14 2014-15	100 53.12 72.72
5.	MBA (TTM)	2013-14 2014-14	75 75
6.	MBA (HRM)	2013-14 2014-15	72.22 92
7.	EVS	2013-14 2014-15	100 100
8.	MSc Computer Sc (Excluding MCA)	2014-15	100

* session refers for full 2 years PG Programme

Provide category-wise details regarding the number of Ph.D. /D.Litt. /D.Sc. theses submitted/accepted/resubmitted/rejected in the last four years.

Details regarding M.Phil./Ph. D programme

S.No.	M.Phil Programme	Session	Accepted	Submitted	Rejected
1.	English and ComparativeLiterature	2012-13 2013-14	04 06	01 -	-
2.	Mathematics	2012-13 2013-14	04 -	- 05	-
3.	Education	2012-13 2013-14	03 04	03 -	-
4.	Economics	2012-13 2013-14	02 01	02 -	-

5.2.3 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central / State services, Defense, Civil Services, etc.?

Students, through their own diligence, hard work and intelligence have cleared state level examinations, civil services and UGC-NET exams.

5.2.4 Provide category-wise details regarding the number of Ph.D. / D.Litt. /D.Sc. theses submitted/ accepted/ resubmitted/ rejected in the last four years.

As the Institution is at its initial stages, thus so far few researchers have submitted their thesis for the award of Ph.D. but researchers have been registered with the institution for doctorate.

5.3 Student Participation and Activities

5.3.1 List the range of sports, cultural and extracurricular activities available to students. Furnish the programme calendar and provide details of students' participation.

Participants in UDAAN - 2013-14

Rangoli	**: 32**
Solo Song	**:12**
Folk Group Song	**:24**
Collage	**:13**
Photography	**:22**
Skit	**:13**
Poetry Recitation	**:18**

Participants in UDAAN - 2014-15

Rangoli	**:16 Teams (64 participants)**
Solo Song	**:18**
Folk Group Song	**:36**
On the Spot Painting	**:12**
Collage	**:19**
Photography	**:20**
Mimicry	**:4**
Skit	**:12**
Poetry recitation	**:19**

5.3.2 Give details of the achievements of students in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. during the last four years.

- Bhavik Uppal and Ankur Sharma from the Department of HRM & OB won TATA Quiz (1st Runner Up) worth Rs. 50000
- Jasleen Kaur and Priyanka Sehgal has been selected for Vodafone Superstar.

5.3.3 Does the university conduct special drives / campaigns for students to promote heritage consciousness?

Yes, the students of the Department of Mass Communication and New Media presented the aftermath of Kashmir flood through collage presentations. Special Campaign had been organised by the students

of Department of TTM at Mubarak Mandi. The Department of Tourism & Travel Management organised a programme to make the students conscious about the heritage. A heritage cell is also proposed to be set up by the Department. National Service Scheme unit also organises programmes for green and clean campus in relation to heritage consciousness.

5.3.4 How does the university involve and encourage its students to publish materials like catalogues, wall magazines, college magazine, and other material? List the major publications/ materials brought out by the students during the last four academic sessions.

Publishing magazines, posters, catalogues is an inevitable part of Journalism, Mass Communication and New Media. Students complete this part of their course diligently. The students make collages for caption writing. Integrated M.Phil and Ph.D. scholars are encouraged to participate in seminar, workshops and publish their research papers. A newsletter titled " Travelism" is being published by the students of the Department of TTM. One student from each department has been selected under SPARSH for participation of the students in the activities of road shows for creating awareness. Department of HRM carries out Friday Club activities which include training students on various entrepreneurial skills. Department of Economics conducts seminars regularly on Fridays for discussions on various burning economic issues.

5.3.5 Does the university have a Student Council or any other similar body? Give details on its constitution, activities and funding.

Student council has been constituted by giving representation to all departments. Each department nominates students, preferably, a male and a female who represent the department in the student council. This council works under the supervision of Dean Students' Welfare.

5.3.6 Give details of various academic and administrative bodies that have student representatives on them. Also provide details of their activities.

SPARSH : Committee for Sensitization, Prevention and Redressal of Sexual Harassment (SPARSH) is an apex body constituted by the Central University of Jammu in compliance with Section 28(n) of the Central Universities Act 2009. University is committed to provide a place of work and study free of any gender discrimination, sexual harassment, intimidation, and/or exploitation. SPARSH is committed to the elimination of all forms of discrimination against women and takes proactive steps towards gender sensitization and elimination of sexual harassment.

Anti Ragging Committee: The objective of this committee is to prohibit, prevent and eliminate the scourge of ragging activities within the campus. It includes any kind of bad conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student.

Equal Opportunity Cell: The university ensures every person an equal opportunity at all levels irrespective of any caste, religion, race, creed, gender, sexual orientation, gender identity, gender expression, genetic information, marital status, age, minorities, economically weaker section or disability. Key Objectives of Equal Opportunity Cell are as follows:

- To create conducive atmosphere for healthy interpersonal relations among students from marginalized sections.

- To organize, conduct seminars/workshop/exhibition/symposia etc from time to time to address issue of contemporary significance so that students from such marginalized groups/sections are empowered educationally and culturally and the other students/ employees are also sensitized to promote healthy atmosphere for research and mutual understanding and co-operation.

- To deal with any complaints from students and employee and respond to references/letters/complaints received from any Government Agency/ Commission/University Administration.
  SPARSH and Equal Opportunity cell organises awareness programmes on regular basis.

- **Students Grievance Redressal Committee**

- **University Games and Sports Committee**

CRITERION VII

INNOVATIONS AND BEST PRACTICES

6.1 Institutional Vision and Leadership

Vision

To be a leading Centre of higher learning, integrating culture, knowledge, philosophy and value system of our heritage with modern and emerging concepts, skills, technology and management practices.

Mission

- Imparts education which in its breadth and scope represents the three main symbols in our logo; iridescent like the rising Sun, immortal as the Banyan Tree and infinite like the Sky.
- Inculcate self confidence; which when combined with disciplined study, leads to faith in one's strength and conviction.
- Develop talent for sustainable growth in academics, administration, business and research by laying emphasis on organised thought, self-discipline and discriminative faculty.
- Encouraging inter-disciplinary focus, as also collaborative research with leading Institutions aimed at the optimum development of human resource and integration of new ideas and innovations.
- Provide a modern, environmentally sustainable, healthy and vibrant Campus in consonance with the principles of Green technology.
- Play participatory role in the affairs of people of surrounding areas in particular and civil society in general.

6.1.1. Does the mission statement define the institution's distinctive characteristics in terms of addressing the needs of the society the students it seeks to serve, the institution's tradition and value orientations, its vision for the future, etc?

The Central University of Jammu is a nascent institute with five years of existence but aspires to become a centre of excellence by setting a standard in terms of building institutional characteristic of global standard that would deliver service to the society. The University adopts a student-centred and human resource focused approach for the overall development of students that set itself apart from its peer institutes. As the mission outlines explicitly, it desires to engage with the society at various levels in order to advance the progress and development of humanity through innovation and participation. It also aims to inculcate the values and traditions enshrined in the mission among the students and scholars to realise their dream and potential to transform the society.

The University is engaged in teaching, research and extension activities in selected fields of academics and research at Maters level and Integrated M.Phil Ph.D programme. It creates a strong interface with society through its various outreach, extra-mural, extension and research related programmes.

6.1.2 How is the leadership involved

The leadership is involved in keeping the sanctity of vision and mission of the University intact. The leadership in collaboration with statutory bodies and IQAC ensures that the policies and the action plans are in tandem with the stated vision and mission of the University. The leadership is also involved

through regular meetings with faculty, administration and other staff by periodically reviewing the policies.

- **In ensuring the organisation's management system development, implementation and continuous improvement?**
  In order to develop university's management system, the leadership regularly reviews its functioning, processes and introduces new technological supports. Also it allows and encourages its administrative staff to attend orientation and refresher programmes so that they can update themselves with the modern way of working.

- **In interacting with its stakeholders?**
  The Vice- Chancellor follows a democratic and open door policy of leadership. Any faculty and staff can freely approach him in his office. The Vice-Chancellor himself encourages all the stakeholders to approach him for any suggestions or grievances. He interacts with stakeholders such as students, faculty and other staff through periodic interactions held by the University. Similarly, all the offices maintain transparency in maintaining the records, the files are numbered and any record can be retrieved in a transparent manner. In general, there are induction programmes, annual day programme and regular faculty meetings where the leadership interacts with students and faculty. Moreover, it interacts with the alumni, parents and prospective employers, industries through various forums. By such interactions, the leadership ensures that university is moving on the path shown by its vision and mission.

- **In reinforcing a culture of excellence?**
  The leadership is committed to reinforce the culture of excellence in all the aspects of teaching-learning processes in the campus. All the faculty members are encouraged to impart quality education through traditional and innovative learning practices. The teaching plans for all courses of all Departments have been uploaded on website, so that students can keep a regular track of their course and syllabus. Efforts are also made to provide a creative academic environment by encouraging independent thinking and exploration. Students are also provided participative platforms by organising cultural programmes and sports activities due to support from the leadership which not only exhibits but helps in development of their talent. Not only students are supported, but faculty members are also encouraged to produce good academic work and it has been announced that they will be rewarded by the University for any exemplary work. The University thus reinforces a culture of excellence by awarding faculty members, research scholars and students for their excellent work in terms of monetary rewards, certificates and other benefits.

- **In identifying organisational needs and striving to fulfil them?**
  The needs of the organisation are reviewed from time-to-time and discussed with the stakeholders. There is a proper mechanism for such reviews and parallel committees have been set up which informs the leadership about the needs and how to fulfil them.

6.1.3 Were any of the top leadership positions of the university vacant for more than a year? If so, state the reasons.

The University started functioning from 08.08.2011.
The University advertised the position of Finance Officer, Controller of Examinations and Librarian from time to time as shown in the table below :

S. No.	Name of the Post	Advertisement Notice No.
1.	Finance Officer	No. 02 dated 12.10.2012
		No. 04 dated 20.03.2013
		No. 07 dated 09.01.2014
		No. 09 dated 08.06.2015
		No. 16 dated 26.08.2016
2.	Controller of Examinations	No. 07 dated 09. 01.2014
		No. 09 dated 08.06.2015
		No. 16 dated 26.08.2016
3.	Librarian	No. 07 dated 09.01.2014
		No. 09 dated 08.06.2015
		No. 13 dated 22.09.2015
		No. 16 dated 26.08.2016

The positions ramained vacant due to poor response of applicants.

6.1.4 Does the university ensure that all positions in its various statutory bodies are filled and meetings conducted regularly?

Yes, the university ensures that all positions in its various statutory bodies are filled and meetings are conducted regularly.

6.1.5 Does the university promote a culture of participative management? If yes, indicate the levels of participative management.

The University administration encourages the faculty members of all denominations to participate in management of both academic and administrative affairs through various committees. For instance, the faculty members are invited to participate in the recruitment process of teaching and non-teaching staffs. In addition, the University engages the faculty members for planning any development activities within the University. Examples are Departmental committees, BoS, Schools Board and other committees which are constituted for ensuring participation managment.

6.1.6 Give details of the academic and administrative leadership provided by the university to its affiliated colleges and the support and encouragement given to them to become autonomous.

There is no provision for affiliated colleges as of now in the University mandate. The decisions are taken by the University are based on participation of concerned faculty member/bodies.

6.1.7 Have any provisions been incorporated / introduced in the University Act and Statutes to provide for conferment of degrees by autonomous colleges?

There is no provision for autonomous colleges as of now in the University mandate.

6.1.8 How does the university groom leadership at various levels? Give details.

The University encourages faculty to constructively engage in the management of the institution and even include them in decision-making process through fair appointments to head various committees to perform academic as well as administrative activities. At the departmental level, it involves faculty, students to organise major events of the University such as Foundation Day, Cultural Programmes, Nukkad Natak shows, Sports Meet etc., in order to groom their organisation skills. Class Representative election is a routine process, Gender champions from SPARSH again help the students to groom

leadership qualities among the students. Also, the entrepreneurial activity and fest are being totally managed by the students under the membership of faculty members.

6.1.9 Has the university evolved a knowledge management strategy? If yes, give details.

Yes, the University has evolved a knowledge management strategy which is oriented towards generation and dissemination of knowledge by easy access and effective implementation of knowledge management technologies like ICT and E-learning resources. The resources available are:

- Online Access of Emerald, Sage, Cengage Learning and Elsevier
- Inflibnet Database is subscribed by the university
- Computing Lab with Statistical Software Packages SPSS is subscribed by the University for Data Analysis purpose.
- The Temporary Academic Block along with the main campus is Wi-Fi enabled.
- E-governance or paperless office has been implemented to a large exent.

6.1.10 How are the following values reflected the functioning of the university?

- **Contributing to National Development:** The University celebrates all national days like Independence Day/ Republic Day/ Gandhi Jayanti/ Unity Day with active participation from faculty and students which inculcates national values among them. The University has also started National Service Scheme (NSS) which regularly conducts various activities for the development of the students.

- **Fostering global competencies among students:** The University under its flagship programme, Eminent Lecture Series, invites nationally and internationally reputed speakers from various disciplines which provides a platform for students/scholars to exchange ideas. Curriculum of all the departments is periodically renewed in order to foster global competencies among students. The university encourages the department to include representatives from industries in the curriculum making process.

- **Inculcating a sound value system among students Promoting use of technology:** The University regularly conducts various programmes to inculcate soft skills among the students and scholars. This includes research methodology course, communication skills, and computer and information technology skills. Class rooms of all the departments are equipped with smart boards and projectors in order to promote world class teaching standards. Students are exposed to interactive methods of teaching using multimedia kits.

- **Quest for excellence:** Most of the programmes organised or conducted by the University are tailor-made to achieve excellence in the respective areas at par with global standards. For instance, the faculty members of the university are encouraged to participate/organise international conferences, seminars and workshops. Students and scholars are also encouraged to take internship or participate in career development programmes in order to achieve excellence.

6.2 Strategy Development and Deployment

6.2.1 Does the university have a perspective plan for development? If yes, what aspects are considered in the development of policies and strategies?

Yes, the perspective plan for development of policies and strategies in order to achieve overall excellence is done periodically.

*** Vision and mission:**

To be a leading Centre of higher learning, integrating culture, knowledge, philosophy and value system of our heritage with modern and emerging concepts, skills, and technology and management practices.

*** Teaching and learning:**

Teaching learning process at the University is planned for a semester and the University follows Choice-Based-Credit (CBCS) system as per UGC guidelines since 2015. The syllabus for every semester is prepared by the faculty members of the Department in accordance with the UGC norms and duly verified and approved by the Board of Studies (BoS), which convenes twice in an academic year (If required more such meetings may be convened)The members of the BoS include external experts and industrial representatives. These approved syllabii are taught by qualified and trained faculty members. Students are also trained to access various internet sources besides using library. Attendance of students is regularly maintained and monthly reviewed by the Head of the Department. The workload of each faculty members is equally distributed and monitored monthly. Apart from class room lectures, students are asked to participate in weekly seminars and tutorials. This is counted in the internal assessment of the students' performance for continuous evaluation of the students. The teaching and learning process is reviewed on regular basis from the following :

- Student's Feedback Mechanism
- Continuous Internal Assessments
- Mid Semester Examinations
- Quality of Term papers
- Final results of semester exams
- Peer Review
- Field / Industrial visits

***Research and development**

Research is the primary focus of the University. In order to strengthen the research capacity of the University, a Research committee has been constituted to monitor and facilitate the research activities. All the departments are encouraged to apply for research grants from various sources including UGC and international organisations. Faculty is trained through various workshops to gain knowledge about research projects and funding opportunities. Some of the departments have signed MoUs with leading industries and prominent institutes for research collaborations. The University also encourages innovative research to develop new models or invent new methods on complex issues in both sciences and social sciences. The University also awards Minor Research Projects (MRP) for the faculty member by awarding a fund of Rs. 3 lakhs for each Department.

*** Community engagement**

Community engagement is part of University's outreach activities in which it aims to foster close relationship with the society. The University under different programmes such as *Swach Bharat Abhiyan, Unnat Bharat Abhiyan* actively engages with the communities in and around its campus. Besides this, it is also planning to launch a community radio for the service of the society. It also organises community programmes to create awareness on issues like water management, cleanliness, child education and health. The Department of Social work conducts surveys on regular basis. Adoption of villages, Panchayats & Schools is also important activity that shows community engagement. The NSS unit of the University also organises various outreach programmes. The NSS unit has been conducting Community Awareness Programme district Administration, Samba.

*** Human resource planning and development**

It is one of the core vision of the University to transform human beings into effective human resources for the benefit of society and environment. To this, the University adopts comprehensive strategies for over all development of faculty, students and allied members of the system. The FDP's are conducted at regular intervals also the faculty is encouraged to attend development programmes.

*** Industry interaction**

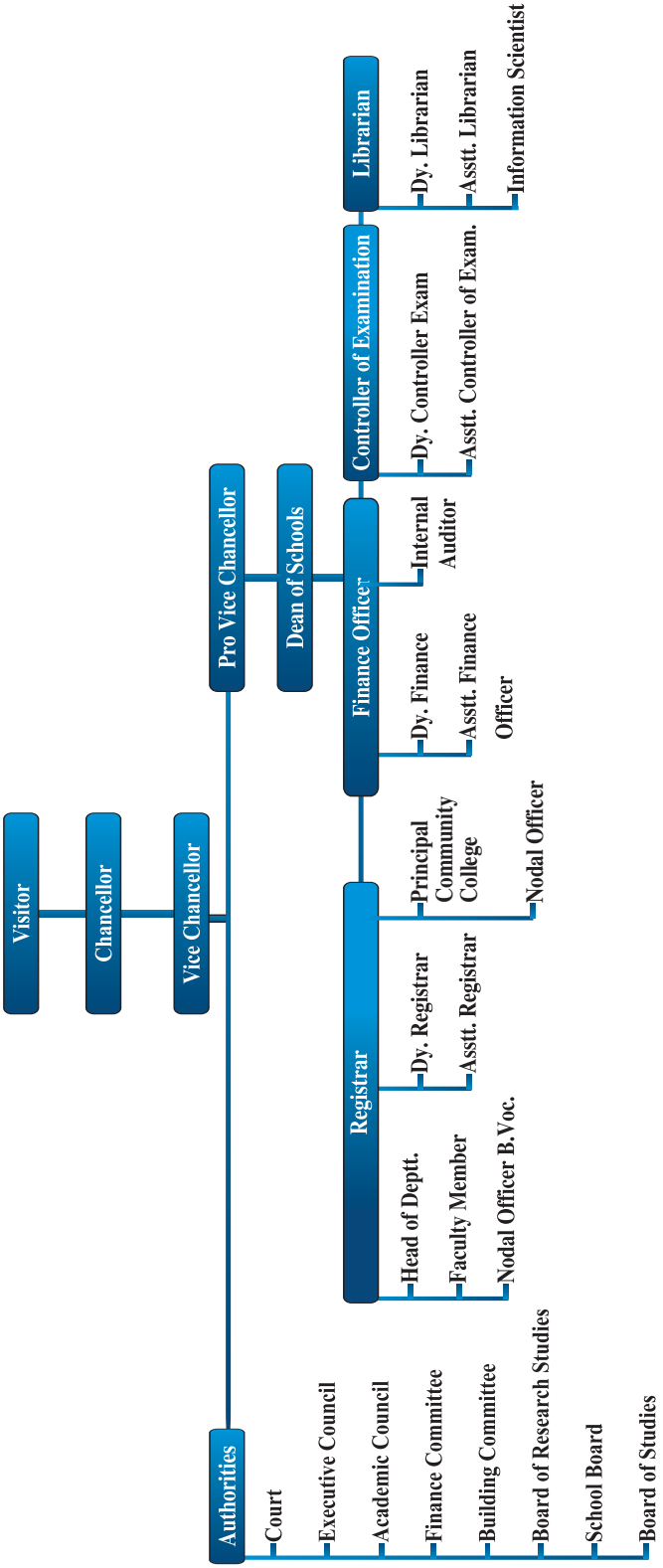
The University encourages departments particularly those belonging to professional courses to proactively engage with industries in order to meet their human capital requirement thus contribute to economic growth and national development. Some of the departments have made representatives from the industry to be part of curriculum development process such as member of BoS. Moreover, students at the end of last semester are sent to industries for industrial training in order to gain professional experiences. The University has also created career placement cell, which identifies and documents potential industries at national and international level and facilitates interactions with all levels.

Apart from strengthening the existing teaching and learning system for maintaining academic rigor, the University endeavours to expand the ambit of existing programmes in emerging areas to create linkages with international universities/organisations.

***Internationalisation**

Yes, the University promotes international outreach by encouraging faculty/scholars to Participate in international seminars / conferences / workshops. Most of the faculty members participate in international seminars / workshops/conference at regular intervals. It also invites eminent scholars with international reputation to deliver lectures in the University.

6.2.2 Describe the university's internal organizational structure and decision making processes and their effectiveness.



6.2.3 Does the university have a formal policy to ensure quality? How is it designed, driven, deployed and reviewed?

- Yes, the University has a formal policy of ensuring quality in both academic and administrative activities.

- The University has established the Internal Quality Assurance Cell (IQAC) in 2014 as per the requirement of NAAC. The IQAC has been re-christened as Directorate of Internal Quality Assurance (DIQA). The directorate has the responsibility to enhance the quality of all academic and administrative activities by planning, guiding and monitoring the quality.

- The DIQA formed a steering committee to draft the Quality Assurance (QA) manual on defined parameters.

- Apart from this, the University strives to maintain highest standards of teaching, training, research and consultancy. In this respect, each School of the University has a School Board and every Department in the School has its own Board of Studies. These boards meet on regular basis and prepare the quality curriculum and syllabi as per UGC guidelines and keeping in view the requirements, the courses/syllabi are also modified. The quality radar system is in the process of being established at the University and audits by Departmental co-ordinators from each Department is in process of implementation.

6.2.4 Does the university encourage its academic departments to function independently and autonomously and how does it ensure accountability?

Yes, the University encourages its academic departments to function independently and autonomously through internal structures such as Board of Studies, School Board which ensures the accountability of the Departments. The functions and responsibilities are well defined in ordinances.

6.2.5 During the last four years, have there been any instances of court cases filed by and against the institute? What were the critical issues and verdicts of the courts on these issues?

Since the inception of the University i.e. August 2011, no critical issues have occurred though a few cases are subjudice. The detail of a few cases is summarized in the table given on next page.

Legal cases instituted against the University

S. No.	Name of the Case	Issue Involved	Status
1.	Ravi kumar vs Central University of Jammu	regarding appointment	*Sub Judice*
2.	Parshotam lal vs Central University of Jammu	regarding appointment	*Sub Judice*
3.	Pavinder singh vs Central University of Jammu	regarding appointment	*Sub Judice*
4.	Ranbir singh vs Central University of Jammu	regarding appointment	*Sub Judice*
5.	Anil Sharma vs Central University of Jammu	regarding appointment	*Sub Judice*
6.	Sahil kumar & Ors vs Central University of Jammu	regarding appointment	*Sub Judice*
7.	Manik shah vs Central University of Jammu	regarding appointment	*Sub Judice*
8.	Namita singh vs Central University of Jammu	regarding appointment	*Sub Judice*
9.	Anjali Sharma vs Central University of Jammu	regarding appointment	*Sub Judice*
10.	Angali Pathania vs Central University of Jammu	regarding ph.d	*Sub Judice*
11.	Dr. Anju vs Central University of Jammu	regarding appointment	*Sub Judice*

6.2.6 How does the university ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyse the nature of grievances for promoting better stakeholder-relationship?

- The University has constituted grievances cell to address the complaints from students and scholars. The members of these cells are drawn from both administration and academic with a representative from students or scholars. The University's student grievance redressal cell's mechanism gives students essential support to resolve their issues which are academic as well as non-academic in nature.

- There is a committee named SPARSH i.e Sensitization, Prevention and Redressal of Sexual Harassment under which University is having University Complaints Committee (UCC) in order to address the issues and complaints filed by the students or employees of the Uuniversity. Equal Opportunity Cell also addresses the issues and complaints of the university fraternity.

- There is also an Anti Ragging Committee(ARC) whose objective is to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student. Students are also sensitized on these issues through various programmes and seminars.

6.2.7 Does the university have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes, the University through IQAC cell analyses student feedback on institutional performance and the responses from the institute is constructive. The feedback analysed and report is sent confidentially to HOD of each department for discussing the same with respective teachers.

6.2.8 Does the university conduct performance audit of the various departments?

Yes, the University has self appraisal mechanism to analyse feedbacks from multiple stakeholders about the performance

6.2.9 What mechanisms have been evolved by the university to identify the developmental needs of its affiliated institutions?

There is no provision for affiliated colleges as of now in the University mandate.

6.2.10 Does the university have a vibrant College Development Council (CDC) / Board of College and University Development (BCUD)? If yes, detail its structure, functions and achievements.

There is no provision for affiliated colleges as of now in the University mandate.

6.3 Faculty Empowerment Strategies

6.3.1 What efforts have been made to enhance the professional development of teaching and non-teaching staff?

The University has established Faculty Induction and Development Cell (FIDC) to prepare Service Training Module for newly inducted young teachers. Further, it encourages Faculty members to organise workshops/seminars/conferences/capacity building programmes for teaching and non-teaching staff for the professional enhancement of teaching and non-teaching staff such as Hindi language training. University periodically sends faculty members to participate general orientation and refresher courses organised by Human Resource Development Centres across the country.

- Faculty Induction and Development Cell (FIDC) ensures:
  Adherence of UGC norms in recruitment and promotion of faculty members.
  Implementation of Academic Performance Indicators (API) methodology through performance based appraisal system (PBAS) of UGC as a means to assess the performance of the faculty.

- FIDC prepares a calender of recruitment / promotions of faculty

- Encouraging faculty members to pursue PhD for those who lack the same

- Providing study leave, sabbatical leave, providing opportunities to attend orientation/ refresher/ seminars/ conferences

- Providing financial support for undertaking projects

- Financial support as contingency to teachers undergoing Ph.D

- Promotes and encourages quality research

- Promotes faculty to take up consultancy

- Promotes faculty members and departments to be a members of professional bodies

6.3.2 What is the outcome of the review of various appraisal methods used by the university? List the important decisions.

There are statutory bodies in the University to review and suggest various appraisal methods for the growth and functioning of the university. Personal Appraisal Reports are submitted by teachers as per UGC requirement. Feedback is given to teachers on their performance and there is a considerable improvement in the academic and research output of teachers.

6.3.3 What are the welfare schemes available for teaching and nonteaching staff? What percentage of staff have benefitted from these schemes in the last four years? Give details.

The University has institutionalised the following welfare schemes for teaching and non-teaching staff:

- Central Government Health Schemes (CGHS)
- LTC & Home town facility is provided.
- National Pension Scheme (NPS).
- Free medical consultations and minor treatment facilities for all teaching and non-teaching staff is provided 24x7.
- Staff quarters are coming up at main campus situated at Bagla, Samba.
- Free transport facility for students, teaching and non-teaching staff.
- Other schemes prescribed by UGC and GoI from time to time.

6.3.4 What are the measures taken by the University for attracting and retaining eminent faculty?

The University invites good faculty and reinforces them by providing advance increments. Also the University provides a supportive environment for the academic growth of such faculty members. It also includes eminent personalities from various fields in its authoritative bodies like Court, Executive Council, Academic Council etc. The University also provides housing facility, travelling facility, LTC and few other supportive housing facilities like TV, fridge, furniture etc. as per the ordinance to the invited faculty members.

6.3.5 Has the university conducted a gender audit during the last four years? If yes, mention a few salient findings.

The University has started its functioning on 08.08.2011 and till now it has completed just five years since its establishment. In this short span, the University has worked with the staff on contract basis as regular positions of Administrative staff were filled in the month of May, 2014 onwards. The University has constituted an Apex Body of SPARSH (ABS) and University Complaints Committee (UCC) to ensure gender sensitization. The gender audit is under process. SAKSHAM has be implemented and the need survey is being done to acesss the gender issues and challenges.

The SPARSH committee conducts regular workshops, seminars, counselling drives etc. for creating an environment that promotes gender equality.

6.3.6 Does the university conduct any gender sensitization programmes for its faculty?

The University has constituted a committee to address the grievances of gender related issues called 'SPARSH'. The committee organises various programmes in order to sensitize students, scholars, faculty and staff about gender issues such as work place harassment and discrimination. SAKSHAM also helps in building capacities for self defence among female faculty members.

6.3.7 What is the impact of the University's Academic Staff College Programmes in enhancing the competencies of the university faculty?

The university has not established its own Academic Staff College as yet, however it supports the faculty members to join the orientation and refresher courses at other ASCs in order to enhance their competencies.

6.4 Financial Management and Resource Mobilization

6.4.1 What is the institutional mechanism available to monitor the effective and efficient use of financial resources?

The accounts of the Central University of Jammu are being prepared on accrual accounting basis. This is in accordance with the guidelines laid down by the MHRD in respect of Educational Institutions. There is a Finance Committee, a statutory body established under the Act, 2000 to prepare annual budget, annual accounts and review the same every quarterly. The proceedings of the Finance Committee are being scrutinized by the Syndicate and approved there of. The Deans Committee headed by the Vice Chancellor also monitors fund raising and effective utilization of funds so generated. The University finances are regularly audited by the internal and external auditors. There is a space provided in the Main Administrative Building for housing Government Audit Department.

the State Accounts Department, to ensure transparency and financial prudence in the University was functional till Oct., 2015. Now the University has assigned the responsibility to Deputy Registrar for maintaining efficiency in financial activities of the University.

The post of finance officer has been advertised and a permanent finance officer shall be appointed for a period of five years.

6.4.2 Does the university have a mechanism for internal and external audit? Give details.

The Audit on the accounts of the University is conducted by Indian Audit and Accounts Department. The post of the Internal Audit Officer has been advertised to strengthen the internal auditing.

6.4.3 Are the institution's accounts audited regularly? Have there been any major audit objections, if so, how were they addressed?

The accounts of the University are being audited on regular intervals. As per latest Audit report issued on the accounts of the Central University of Jammu, all the outstanding paras have been settled except two, the reply of which is also being furnished along with the reply for the current year report.

6.4.4 Provide the audited income and expenditure statement of academic and administrative activities of the last four years.

The income and expenditure statements for the period 2011-12, 2012-13, 2013-14, 2014-15 and 2015-16 are reflected in the table:

Further, the Central University of Jammu strictly follows the guidelines for utilization of funds for which the finance committee has been constituted. Regular meetings of Finance Committee, Academic Council and Executive Council are being held as per the requirement till the decisions are taken after deliberations in the meetings. The income and expenditure statements are presented in the following table.

6.4.5 Narrate the efforts taken by the University for Resource Mobilization.

The University is completely funded by the UGC. Against the approved outlay of Rs.391.00 cr under the 12th Five Year Plan an amount of Rs. 225.07 cr has been incurred upto 30.09.2015 against the release of Rs.240.00 cr. The University has internal resource on account of fee from students and interest on deposits.

6.4.6 Is there any provision for the university to create a corpus fund? If yes, give details.

The powers of the Executive Council as given in the Central Universities Act, 2009, inter-alia provides for creating a corpus fund to invest any money to the University, including any unapplied income, in such stocks, funds, share or securities, from time to time, as it may think fit or in the purchase of immovable property in India, with the like powers of varying such investment from time to time, to institute fellowships, scholarships, studentship, medals and prizes.

CENTRAL UNIVERSITY OF JAMMU

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31-03-2012

		Current Year					Previous Year
		Unrestricted Funds			Restricted Funds	Total	Total
INCOME							
Academic Receipts	11	0.00	0.00	467250.00	0.00	467250.00	0.00
Grants & Donations	12	0.00	0.00	0.00	0.00	0.00	0.00
Income from Investments	13	0.00	0.00	0.00	0.00	0.00	0.00
Other Incomes - Interest on short term deposits	14	0.00	0.00	1299289.00	0.00	1299289.00	0.00
Total (A)		**0.00**	**0.00**	**1766539.00**	**0.00**	**1766539.00**	**0.00**
Expenditure							
Staff Payments & Benefits	15	0.00	0.00	5973618.17	0.00	5973618.17	0.00
Academic Express	16	0.00	0.00	1324938.00	0.00	1324938.00	0.00
Administrative and General Expenses	17	0.00	0.00	4254378.22	0.00	4254378.22	0.00
Transportation Expenses	18	0.00	0.00	761702.00	0.00	761702.00	0.00
Repairs & Maintenance	19	0.00	0.00	1054892.00	0.00	1054892.00	0.00
Finance Costs	20	0.00	0.00	1015.00	0.00	1015.00	0.00
Depreciation on assets	7	0.00	0.00	1844363.00	0.00	1844363.00	0.00
Total (B)		**0.00**	**0.00**	**15214906.39**	**0.00**	**15214906.39**	**0.00**
Balance being excess of Expenditure over Income (A-B)		**0.00**	**0.00**	**13448367.39**	**0.00**	**13448367.39**	**0.00**
Transfer to /from Designated fund		0.00	0.00	0.00	0.00	0.00	0.00
Balance being surplus /Deficit carried to General Fund		**0.00**	**0.00**	**13448367.39**	**0.00**	**13448367.39**	**0.00**
Notes on Accounts	22						

ANNUAL ACCOUNT SESSION 2013-14

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2014

	Schedule	Current Year					Previous Year
		Unrestricted Funds			Restricted Fund	Total	Total
		Corpus	Designated Fund	General Fund			
INCOME							
Academic Receipts	11			3757244.00		3757244.00	2757220.00
Grants & Donations	12			187375000.00		187375000.00	62767826.00
Income from Investments	13			0.00		0.00	0.00
Other Incomes -Interest on short term deposits	14			31891259.00		31891259.00	9232214.00
Total (A)				**223023503.00**		**223023503.00**	**74757260.00**
Expenditure							
Staff Payments & Benefits	15			46148412.00		46148412.00	19237647.00
Academic Express	16			7648820.00		7648820.00	4612945.00
Administrative and General Expenses	17			32305989.00		32305989.00	22963805.00
Transportation Expenses	18			3211397.00		3211397.00	1942952.00
Repairs & Maintenance	19			10313388.00		10313388.00	5937270.00
Finance Costs	20			87.11		87.11	248.40
Depreciation on assets	07			12792396.00		12792396.00	10906158.00
Total (B)				**112420489.11**		**112420489.11**	**65601025.40**
Balance being excess of Expenditure over Income (A-B)				**110603013.89**		**110603013.89**	**9156234.60**
Transfer to /from Designated fund							0.00
Balance being surplus /Deficit carried to General Fund				**110603013.89**		**110603013.89**	**9156234.60**
Notes on Accounts	22						

sd/
Vice Chancellor
Central University of Jammu

sd/
OSD (Finance)
Central University of Jammu

ANNUAL ACCOUNT SESSION 2014-15

Central University of Jammu

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31.03.2015

Amount in Rupees

Particulars	Schedule	Current Year	Previous Year
INCOME			
Academic Recipts	9	4381560.00	3757244.00
Grants/Subsidies	10	247375000.00	187375000.00
Income from investments	11	106104509.85	28922179.00
Interest earned	12	0.00	0.00
Other Income	13	781838.00	2969080.00
Prior Period Income	14	0.00	0.00
TOTAL (A)		358642907.85	**223023503.00**
EXPENDITURE			
Staff Payments & Benefits (Establishment expenses)	15	89579997.00	46148412.00
Academic Expenses	16	9940978.00	7393027.00
Administrative and General Expenses	17	34132240.00	32987544.00
Transportation Expenses	18	2281639.00	2044122.00
Repairs and Maintenance	19	8721301.00	11054904.0
Finance costs	20	55.35	87.11
Depreciation	4	15924861.00	12792396.00
Other Expenses	21	0.00	0.00
Prior Period Expenses	22	0.00	0.00
TOTAL (B)		**160581071.35**	**112420492.11**
Balance being excess of income over expenditure (A-B)		**198061836.50**	**110603013.89**
Transfer to/from Designated Fund		0.00	0.00
Building Fund		0.00	0.00
Others (specify)		0.00	0.00
Balance being Surplus/(Deficit) Carried to Capital Fund		**198061836.50**	110603013.89

Significant Accounting Policies 23
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sd/
OSD(Finance)
Central University of Jammu

ANNUAL ACCOUNT SESSION 2015-16

Central University of Jammu

INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31.03.2016

Amount in Rupees

Particulars	Schedule	Current Year	Previous Year
INCOME			
Academic Receipts	9	**4856453.00**	4381560.00
Grants/Subsidies	10	**547217000.00**	247375000.00
Income from investments	11	**100778038.00**	106104509.85
Interest earned	12	**0.00**	0.00
Other Income	13	**3413172.00**	781838.00
Prior Period income	14	**0.00**	0.00
TOTAL (A)		**656264663.00**	**358642907.85**
EXPENDITURE			
Staff Payments & Benefits (Establishment expenses)	15	**107307490.00**	89579997.00
Academic Expenses	16	**12777565.00**	9940978.00
Administrative and General Expenses	17	**36571103.00**	34132240.00
Transportation Expenses	18	**3776148.00**	2281639.00
Repairs and Maintenance	19	**10496964.00**	8721301.00
Finance costs	20	**702.39**	55.35
Depreciation	4	14051493.00	15924861.00
Other Expenses	21	29912.00	0.00
Prior Period Expenses	22	0.00	0.00
TOTAL (B)		**185011377.39**	**160581071.35**
Balance being excess of income over expenditure (A-B)		**471253285.61**	**198061836.50**
Transfer to/from Designated Fund		0.00	0.00
Building Fund		0.00	0.00
Others (specify)		0.00	0.00
Balance being Surplus/ (Deficit) Carried to Capital Fund		**471253285.61**	**198061836.50**

Significant Accounting Policies 23
Contingent Liabilities and Notes to Accounts 24

Finance Officer
Central University of Jammu

The University has a structured mechanism for conducting timely academic audit. Board of Studies meeting is conducted on regular intervals to take introspection for the existing curriculum. Apart from the BOS, academic council meetings are also held to take minutes of BOS and other recommendations into account. The University court and Executive council also carry on regular audits of various University functions.

6.5.2 Based on the recommendations of the academic audit, what specific measures have been taken by the university to improve teaching, learning and evaluation?

Post recommendation from Board of Studies, Academic Council, Executive Council and University Court, the Departments incorporate specific changes that help in keeping pace with changing dynamics of academia. Curriculum, Examination patterns, teaching pedagogy are regularly updated and aligned as per the recommendations received.

6.5.3 Is there a central body within the university to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

In order to review the teaching learning process, DIQA at the University monitors the entire process. At the end of each semester the feedback is collected from the faculty as well as students regarding syllabi competition, attendance and quality of teaching pedagogy by the departmental DIQA representative. Few benchmark parameters adopted by the university to ensure quality in teaching learning process are as follows:

Attendance: Minimum 75% attendance to appear in the end semester exam.

Pass percentage: Minimum 50% aggregate marks are required for passing.
Separate passing in Internal and Mid semester examination put together and external examinations.

Apex body constituted by DIQA evaluates the feedbacks received and recommends the changes accordingly. The University is in the process of creating a forward mechanism in the Quality Radar System wherein the Quality initiatives for incorporating the corrective actions will be put in place.

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

From the very beginning on the recommendation of the Vice Chancellor, separate Directorate of Internal Quality Assurance was formulated in the year 2014 to monitor and suggest the quality improvements required with respect to various quality related parameters of the University. The DIQA cell started conducting various meetings among different stakeholders to understand the various dimensions of quality and developed a proper strategy to improvise upon the same. Departmental representatives were also selected to help in executing the strategies at microscopic level

6.5.5 How many decisions of the IQAC have been placed before the statutory authorities of the University for Implementation?

The report of the DIQA is periodically submitted to the statutory authority of the University for Implementation.

6.5.6 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes. DIQA has external members. The significant contribution of external members is a)Quality consultations

b) Industry academia interface strengthening

c) Resource persons for various quality related workshops.

6.5.7 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

The DIQA is in the process of commencing a detailed study on the incremental academic growth of the students from disadvantaged sections of society. However, the University organises remedial classes for the students/scholars belonging to such sections in every semester. Besides, the University also organised Research Methodology workshop in collaboration with ICSSR as part of capacity building exercise for the students/scholars. Further, University has also organised programmes on IPR, statistical analysis sponsored by different funding agencies. Remedial classes, innovation, incubation, entrepreneurship lecture series, mentoring and eminent lecture series provides comprehensive orientation to weaker students for improving their academic credentials.

6.5.8 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

The University adopts quality radar system to periodically assess the quality of teaching and research as well as administrative efficiency besides different authorities of the University also reviews the administrative and academic functioning.

7.1 Environmental Consciousness

7.1.1 Does the university conduct a Green Audit of its campus?

The campus of Central University of Jammu is being developed following the GRIHA 5 guidelines however, various measures have been taken to ensure reduced consumption of power and water resources. These include regular reporting, as well as regular monitoring of consumption. Further, the University has submitted DPR under the green campus initiative of Ministry of New and Renewable Energy for developing solar park in the campus.

7.1.2 What are the initiatives taken by the university to make the campus eco-friendly?

Energy Efficiency

- Orientation – Most of the buildings and habitable/working spaces have North-South (± 15 degrees) orientation, so as to maximize gains for natural light into habitable spaces.
- Small Windows – With scientifically designed opening sizes so as to allow for glare free lighting into the space most of the times. Areas with glazing are kept to the minimum required.
- Light Coloured External Finishes – The external finishing materials of the building are buff color sandstone, sandstone exposed aggregate plaster and concrete, so as to absorb minimum heat and reflect most of it keeping spaces inside cooler.
- Wall with insulating and/or autoclaved aerated concrete (AAC) block – Walls have been provided with AAC block or externally insulated (extruded polystyrene) over brick walls, so as to minimize heat gain into the building spaces and thereby reducing energy consumption in cooling spaces.
- Cross Ventilated Spaces – Most habitable spaces have cross ventilation through properly sized and placed operable windows, so as to open them during fair weather and reduce air conditioning need. Maximize use of sunlight, solar water heating, use of energy efficient lights are in practice.

Water Efficiency

- The University has many water harvesting pits – through this we capture most of the rain water and minimize the run off.
- Five Water bodies are being created in the campus with a Total water harvesting capacity of 80 Lakh Gallons through Watershed Development Programme.
- The University is also planning to go for Rooftop Rainwater Harvesting.
- The use of RO rejected water for Gardening purpose is already in operation.
- University has developed its own sewerage treatment plant for optimal utilization of water resources.

Use of renewable energy

- The University has adopted the use of solar energy by installing the Solar Energy Panels on the roof top of its buildings, solar street lights have also been/ are being installed. The installation of Solar water heaters at the roof top of the hostels are also being planned. Additionally installation of solar panels along the boundary wall is also planned which will ensure the illumination of the campus.

Check dam construction

- Five Water bodies are developed in the campus with a total water harvesting capacity of 80 Lakh Gallons through Watershed Development Programme.

Plantation

- Thick green belt of adequate width has been raised in the campus. Native species of trees have been planted. The University is adopting a Water Efficient Landscaping with designated plant/tree species. To control soil erosion of the slopes, cut slope technique is used by Geo synthetic technique, 3D Erosion Control and Hydro seeding. Also, for embankment Geo synthetic technique along with Hydro seeding is used, this has resulted in conservation of soil and sustainable landscaping.

7.2 Innovations

7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the university.

- Many innovations for the academic programs have been incorporated for enabling the passouts to become employable. For administering and functioning of the university, a key innovation has been the use of technology in all aspects of administration. Some of these uses are:

- Use of Building Management System (BMS) for HVAC control, access control system (for entry into labs), etc .

- Email groups – for communicating amongst faculty, office, different batches, students enrolled in a course, student council, etc. email groups have been created.

- Email based administration – all requests to the administration are made on email and resolved through email. Where needed, hard copies are maintained in the background, without the user being aware of it.

- Shared documents and Google Drive - Students make all their submissions online not just through email but largely through the cloud, for example they share their Digital Art Assignments through Google Drive and their work is assessed on line without any downloads.

- ERP – management of academic processes like registration, grade management, scheduling, student records, etc are in the process of being implemented through ERP.

- Coir based duster is in use by Department of Environmental Sciences (This is plastic free and wood free duster with long self- life carved from Carpet tiles). It helps in saving the expenditure incurred on purchase of Plastic Duster by the University.

- The Campus pathway is designed in a friendly manner for Physically Challenged and Visually Impaired people for making their mobility easier.

7.3 Best Practices

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the university.

PRACTICE I

1. Title of the Practice

Learner centric course design and delivery

2. Objectives of the Practice

The objective of this program is to design courses keeping the learning objectives in mind, and then design the instruction and assessment plans to deliver them. Through this practice, students graduating will have the desired knowledge and skills, which the program aims to develop.

3. The Context

Most of the course designs are 'learner centric'. The aim of the course design is to develop knowledge and skills of students through a blend of strategic perspectives and realized through innovative design based upon transactional methods rather than instructional methods and implementation of both formal curricula and co -curricular activities.

4. The Practice

Each course has been designed to meet the specific set of learning objectives and expected outcome. These are comprehensively discussed and approved in the faculty meetings. Once the learning objectives are set, the instruction and assessment plans are designed. These plans ensure the learning effectiveness of the students. Moreover they are also assessed on the basis of assignments, presentations, fieldwork; independent research projects etc as appropriate in particular course and are given fair feedback on their performance.

5. Evidence of Success

The practice has been in place since the inception of the university. This practice has fostered the learning appetite amongst the students and strengthened the teaching and learning culture in the university premises. The Central University's creatively designed Post graduate programmes like MBA (TTM) and MBA (HRM) and others are receiving overwhelming response from the reputed companies and they offer good salary packages.

6. Problems Encountered and Resources Required

The main problem faced is that students lack the motivation, which needs to be addressed by more effective student –teacher interactions. The students need to develop an insight and perspective which in turn will promote a healthy learning atmosphere so that the teaching- learning culture could be promoted.

7. Coaching classes for Civil Services Examination

Coaching classes for Centre and State Civil Services Examination were arranged for students in which 180 candidates attended the classes which went on for 48 days. Dr. D.L. Choudhary was the convener for the course, the major participants were from weaker section of the society.

8. Parent Teacher Meeting for B.Voc. courses has been introduced to involve all stake holders along with Community outreach activity.

PRACTICE I I

1. Title of the Practice

National Tourism Entrepreneurship Development Summit (NTEDS)

1. Objectives of the Practice

- To promote innovation and entrepreneurship in the field of tourism.
- To create awareness among the youth of the country pursuing different tourism programmes to undertake tourism entrepreneurship as a career option.
- To provide a forum to the professionally educated youth with entrepreneurial acumen where they can showcase their dreams and feel facilitated in realizing their dreams through multifaceted governmental interventions.
- To generate a forum for participation where different perspectives are pooled to understand their practical implementation.

3. The Context

Entrepreneurship and innovation are critical factors in tourism and are both central to the continued success and development of the industry, both globally and regionally. According to the World Travel and Tourism Council (WTTC), by the year 2020, tourism industry in India will be the second largest employer and shall contribute significantly to the Indian economy. The industry is in the transformation phase and would require high quality professionals for its sustainable growth. The industry also provides tremendous opportunities for innovation and developing products and services with small initial capital investment. The living examples are Yatra.com, makemytrip.com, Redbus.in, ITZ Card, Bed and Breakfast Scheme; Budget hotels have totally changed the way tourism entrepreneurship is conceived today. Further each state in the country has huge potential to identify the Lesser Known High Potential Destinations (LKHPD) or promote existing destinations to the international market. The industry also ensures enough leverage for customization and encourages the development of products and experiences that educate about the need for conservation and preservation of natural and cultural heritage of India.

4. The Practice

National Tourism Entrepreneurship Development Summit (NTEDS) is the pioneering initiative of its own kind by the Department of Tourism and Travel Management, Central University of Jammu to promote tourism entrepreneurship in the country. This national level event organized with the objective of creating the awareness about the entrepreneurial opportunities available for the students pursuing different tourism programs in various universities and institutions across the country.

5. Evidence of Success

- The NTEDS has helped students in getting an exposure, how to start business enterprises with project management skills.
- Students are very enthusiastic and passionate about the entrepreneurship summit and the participation

in this event ranges from 40 to 50.

- It is completely student driven event. Students not only coordinate the entire event, but also manage it. The event also fosters good relationship and interaction among students, educators, entrepreneurs and industry professionals.

- Students get exposure by organizing and conducting events. This has helped students in improving their communication and interpersonal skills.

- NTEDS has helped in improving networking and Peer to Peer learning among the students. The entrepreneurial spirit has increased among the participants.

- The NTEDS has been able to develop itself as a brand from Central University of Jammu.

- The house comprised of tourism entrepreneurs, managers, educators and students unanimously approved that NTEDS has to be much bigger and pan India event in coming year, 2016.

Problems Encountered and Resources Required

Typical problems sometimes include getting good speakers in a location such as Jammu. Finalizing a feasible schedule involving a galaxy of speakers is a big challenge. Coordinating the event and liasioning with professionals is a challenge. Students are not familiar with funding support and financial system for new venture in India. Sometime, there is delay in payment related to cost of travel and other expenses to participants from their institutions. The financial resources (for organizing the event, prize/award) needs to be increased. The event venue within the university (TAB) requires more improvement.

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OTHER BEST PRACTICES

1. **Industry Academia Interface :** Involvement of practioner / Industry experts for formulation of curricula.The University has been able to build a strong industry-academia interface for the benefit of the students and faculty. Following initiatives are worth mentioning. In this regard, University has initiated eminent lecture series wherein prominent personalities who have contributed in their respective fields are invited periodically for interaction with students and faculty.

   The University recently organized a three days HRD congress with an objective to strengthen the links between University and Corporate Houses. The event witnessed participation of top notch industry leaders form almost 30 corporate(s). Keeping in view the restricted industrial exposure for students of the State, the event not only provided the platform to the students of CUJ but also to other academic institutions of the region. Through this event the University was able to provide corporate guidance and training for students and faculties across the disciplines. Furthermore, through HRD Congress the University was able to generate training, mentorship and placement avenues for faculty and students respectively. Recently that is from 28th to 29th November, 2016 a mega placement drive under UDAAN was organised by the University wherein 167 candidates from across the state appeared for interview before 18 companies from different sectors.

   Also Corporate Immersion and leadership programme has been initiated with an objective to sensitize the professionals towards the grass level understanding of industry and practicum that attempts to connect classroom learning with real time environment. This includes summer internship, enterprise

learning, experiential learning and corporate mentoring.

2. **Focus on entrepreneurship and skill based learning :** Entrepreneurial activities are preiodically conducted across all the disciplines. The University is offering Entrepreneurship and skill based course across 34 programmes being offered by the Department of the University which facilitates the absorption of students in respective industries besides starting their own enterprises. Further, the University has also initiated the Campus Start-up Track for promoting innovation/technology benefitting community at large. As a part of its outreach activities, the University has adopted five villages under Jung Panchayat and adopted Schools under these villages for Capacity Building of Teachers/Administrators and Students -Oriented Support Programmes.

   The University is also conducting capacity building training programmes on Effective managerial Skills for local artisans and Kalamkari workers.

3. **Innovation Incubation and Entrepreneurship :** The Central University of Jammu has established Innovation, Incubation and Entrepreneurship Council (IIEC) under which University Innovation Cell (UIC) and University Business Incubation Centre is functioning. UIC has identified 15 grass root innovators besides documenting the medical plant diversity of the campus spread over an area of 610 acres in the form of herbarium, the process has been initiated on the extraction and enhancement of the potential molecules having commercial value. Also, mapped diversity has been displayed on a wall which is named as Innovation wall of the University. Moreover, 01 IP has also been initiated.

   At present 07 incubatees have been registered under UBIC for incubation assistance. Further, 01 incubatee has already been recommended for funding under Start-up India Scheme. Moreover, in order to promote the concept of IPR among students and faculty as well as local entrepreneurs', university is regularly organizing IPR workshops/lectures. UBIC has also collaborated with apex industry body Confederation of Indian Industry (CII) for formulating start up policy for Jammu and Kashmir State and provide mentoring to incubatees.

4. **Student Centric initiatives :** Curricular and Sports activities relating to the students in all spheres is a regular feature of the University. Some of the positive aspects of student driven initiatives are as under:

- Annual Scholarship to Meritorious students
- Eminent Lecture Series : 1 lecture per month
- Online E-resources available in library
- Remedial Classes for Weaker Students
- Mentoring through Guidance and Counseling (Faculty and Corporate)
- Updated academic Calendar, teaching plans, ppts uploaded on University Website
- Technology driven with advance pedagogical interventions
- Good exposure through advance and market oriented curricula
- Participation in variety of evaluation strategies like assignments, tests, group discussion, seminars, case study discussion, review of publications and interaction with eminent personalities from academia and corporate
- Friday club and tutorials
- Healthy practice of showing evaluative answer scripts
- Declaration of results in two weeks
- Coaching classes for Competitive Examinations

- Central Placement Cell for placement of students
- Free Transport/Medical/Internet Facilities with automated libarary
- Separate Hostels for Boys and Girls
- Sport and Cultural activities is supplementing feature
- SPARSH -An apex body for gender sensitisation constituted
- Gender Champions nominated for each Deaprtment
- Annual Cultural Festival Udaan and Sports meet is organised for students to display their talent
- Student Counselling Centre
- Internal Complaints Committee

5. Global and National Linkages :

I) University has signed 13 National MoUs and 02 International MoUs besides it became member of apex industry/acdemic bodies like United Nation Academic Impact (UNAI), CII, NHRDN, ISTD, AOITA, AIMA, ISTD, Jammu Chamber of Commerce and Industries etc. These MOUs have been opertionalised and some of the courses are being offered in collaboration with industry training partners. Details of MOUs are as under :

National MOUs:

- MOU between Department of Marketing and Supply Chain Management, CUJ and Safeducate Learning Pvt. Ltd., 20th October 2016.
- MOU between Department of Mass Communication and New Media, CUJ and Press Club Jammu, 16th March 2016.
- MOU between CUJ & VLCC for Joint Certification of Diploma programme in Beauty and Wellness under Community College on 10th March 2016.
- MOU between CUJ and NASSCOM, 5th March 2016 (Campus Employability Programme for Under Graduates & Alumni's).
- MOU between CUJ and Community Based Rehabilitation (CBR) Network, Bangalore for students with diverse needs (Disability), 4th March 2016.
- MOU was signed between University Business Incubation Centre (UBIC) and NIT Srinagar on 12th December 2015.
- University Business Incubation Centre is linked with Ashray Incubator, Ahmadabad for supporting young innovators. MOU signed on 18th November, 2015 (Incubation Support and Campus Start-up track, Innovation Festival).
- National Security Studies Department signed MOU with Institute of Chinese Studies, New Delhi 7th September 2015.
- Central University of Jammu, Central University of Kashmir and Central University of Himachal Pradesh entered into MoU on 6th May, 2015, to facilitate mobility of students/Credit Transfer across universities.
- Department of Tourism and Travel Management, entered into a Memorandum of Understanding (MoU) with Indian Institute of Tourism and Travel Management, Gwalior, 24th September, 2014 University signed MOU with Chamber of Commerce and Industries, Jammu (2015).

International MOUs:

- MOU between CUJ & Lanzhou University, China (Under process).
- MOU between CUJ & Melbourne University signed in April 2016 at New Delhi.
- MOU between CUJ & Taj Global Understanding (TGU), a Not-for-Profit Organization founded in

2007 and located in the Commonwealth of Virginia (United States), 16th March 2016.

6. Environmental Management

In order to help preserve natural resources and reduce pollution, campuses are in the process of purchasing environmentally preferable products.

Recycled Paper

CUJ is in the process of adopting a new policy which ensures that copy paper used on campus contains at least 30% recycled materials. The University must switch to 100% post-consumer recycled, chlorine-free paper for routine use in copiers and printers. Therefore, a policy is being framed in this regard. Faculty members make their courses paper-less by having students hand in their assignments online.

Computer Procurement Policies

CUJ has replaced CRT monitors with LCD monitors, which use only about a third to one half the energy of a CRT. The University is in the process of adopting the guidelines for buying greener electronics, disposing of "e-waste" and so called "take-back" recycling, which places the burden of e-waste recycling and disposal on the electronics manufacturers

CUJ is in the process of a "take-back" recycling policy in its purchasing contracts, which includes a provision to send back all electronics packaging.

Reusable Bottles

CUJ ensures to purchase and distribute reusable aluminum water bottles to all of the approximately first 400 new students admitted to various Departments on Orientation Day. This is in the process of adoption by the University. The students are expected to bring the bottles to all orientation events in order to reduce plastic bottle and cup waste thus ensuring reduced consumption of non renewable plastic waste.

Green Cleaning Products

The University is in the process of adopting a green cleaning policy that states that the University will only use cleaning products that meet Green Seal standard or products with low-volatile organic compounds (VOC), purchase chemicals that are automatically and accurately diluted using cold water, and use products that are packed with recycled materials.

Meeting of National Innovation Clubs

Rashtrapati Bhavan, New Delhi - 110004

March 15, 2016

Innovation, Incubation and Entrepreneurship Council(IIEC)

Central University of Jammu, Rahya-Suchani(Bagla) Distt. Samba-181143 - J&K, India

Idea → Research → IP disclosure → Review → Patent Application → Commercialization → Revenue

NO SHORTAGE OF IDEAS & INVENTION

INNOVATION

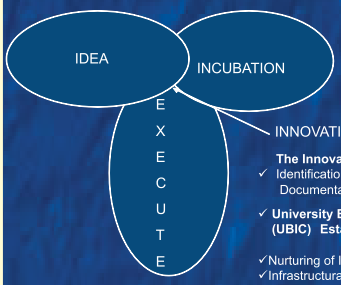
CHALLENGE

INTRODUCE SUCCESSFULLY IN SOCIETY

"Profitable implementation of Ideas"

Key Drivers
Economic Growth
Intellectual Prosperity of Nation

INVENTION : NO COMMERCIAL VALUE AT ANY PARTICULAR TIME



Innovation, Incubation and Entrepreneurship Council(IIEC)

- Innovation Cell
- University Business Incubation Centre (UBIC)

The Innovation Cell Established 2014

✓ Identification of Innovative Ideas and Documentation of Grass root Innovations

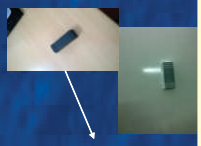
✓ **University Business Incubation Centre (UBIC) Established 2015**

✓ Nurturing of Innovative Ideas for commercialisation
✓ Infrastructural Support to Incubatees
✓ **IPR Facilitation:** IP protection to incubatees
✓ Campus Start up track: For promoting innovation/technology benefitting community

INNOVATION –IPR Initiated

Thrust areas have been identified on the basis of resource endowments of each region (Jammu, Kashmir and Ladakh) to promote:

Handicrafts
Handloom
Carpet
Weaving



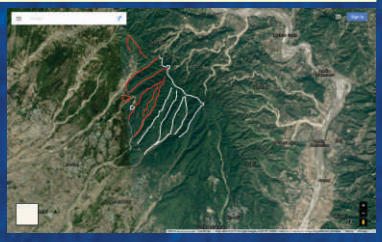
Smart Duster

The existing dusters are not smart in real sense contains plastic (ABS) & resin

"multiplier" effect on income and employment generation with green technology

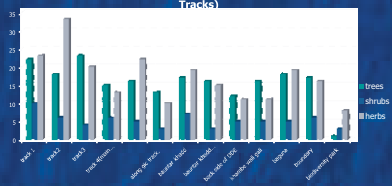
Dr Pankaj Mehta

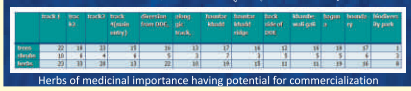
Smart Duster (Reduce Waste and Environmental Damage) Green Technology



Floral Diversity Mapping, 13 Survey Grids (Tracks)

Floral Diversity along the valleys and ridges (Survey Tracks)





Herbs of medicinal importance having potential for commercialization

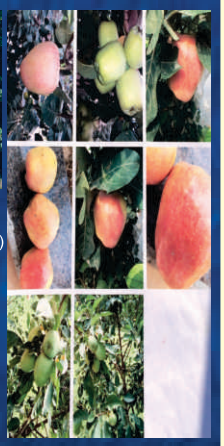
Extension Activity of the IIEC - CUJ, Jammu

Hariman – 99 Summer zone apple (A new species)

Use only Biofertilizer, Spray- Copper oxy-chloride 2.5gms /litre of water --- To increase the Shelf-Life

Fruiting- 3—4 years of Plantation, Fruits are seedless, Each plant gives about 10-12 kgs fruit

The IIEC, Central University of Jammu in collaboration with NIF is actively promoting the plantation which is made in several districts of Jammu Province.



knowledge refines, purifies and sharpens the mind.

Central University of Jammu
Established by an Act of Parliament, 2009

List of Innovators Identified*

S.No.	Innovators	Innovations
1.	Nipun Khajuria , Udhampur	H2 Run Car & Hydraulic Wheel Lock
2.	Jaffar Javed, Shahdara Sharif Rajouri	Comb embedded with oil antiseptics
3.	Pardeep Kumar, Rajouri	Alternative Source of Energy
4.	Dr D. M. Gaisas, Jammu	Three in One Ventilator
5.	Dr Ashish Patel, Dandiocha	Five Pang Needle
7.	Dr. K. C. Sharma, Udhampur	Sharma's Cystostomy Set Innovations in Surgery Plants and Drugs
8.	Aman, Chennani	Moving wall pictures

J&K Science Congress Exhibition, UOK

Comb embedded with oil antiseptics

Jaffar Javed, Shahdara Sharif Rajouri

Good Practices followed at Central University of Jammu

A. Academic

1. The University prepares a detailed academic calendar at the beginning of every academic year and all activities are carried out while strictly adhering to the same.
2. Orientation Programme for newly admitted students is conducted at the beginning of every academic year. The students are familiarized with the facilities and the scope which the University offers and made known the expectations bestowed upon them.
3. The faculty members donate books to library and a book bank is being run.
4. The Central Library, which has a vast repository of books, journals, periodicals and online resources, is ably supported by the dedicated staff.
5. A Comprehensive and Continuous Evaluation process has been adopted for all programmes of study in the University. The semester system is in place since inception. The Choice Based Credit System (CBCS) is also in place for all programmes of study.
6. A fair examination process is in place and the marks of each examination for each course (subject) secured by the students are displayed on the Departmental Notice Board within 48 hours from the examination. The answer scripts are shown to the students and are encouraged to clarify doubts, if any.
7. The University gives emphasis on experimental learning and undergraduate research.
8. The students and faculty are incentivised for cutting-edge research. Exceptional research work is also appreciated in public forum. The University has program of providing start-up grants for faculty to set up laboratories and carry out research. Due recognition is also accorded to students who excel in various co-curricular activities like quiz, debates, drama, music, orchestra *etc*.
9. The students are encouraged to do summer and winter internships at reputed institutions outside.
10. The University conducts a series of eminent lectures highlighting the contemporary issues across disciplines.
11. There is an active Innovation, Incubation and Entrepreneurship Council
12. The University has a Teachers Club which holds regular interactions and meetings.
13. The University follows the policy of granting its faculty members 'Research Semester' – a period in which other academic duties of the faculty are lessened in order to enable her/him to devote in full-time research activities in the department.
14. The University, in order to recognize the contributions of faculty, has instituted the 'Best Teacher Award' for the faculty members who have made significant contribution towards innovative teaching that has impacted society, conducted quality research that has added new knowledge in a particular domain, has industrial applications and whose efforts have been nationally and internationally recognized.

B. Administration

1. The Vice Chancellor follows an open door policy for interaction with students and staff.
2. The administrative processes of the University are fast and prompt without any room for unnecessary delay. Services are rendered to all stakeholders in minimum possible time without compromising on the quality.
3. The University maintains a ragging free campus. Utmost care is taken to make the newly admitted students feel at home right from the beginning through participatory involvement of all stakeholders. Ice-breaking sessions at Departments and Hostels are conducted under the supervision of faculty members and wardens to break the inertia between the new and the continuing students so that a cordial environment is created.
4. The students are part of various decision making processes of the University and find representation in all the fora like SPARSH, Research Committee, Departmental Advisory Committee, *etc*. 50 percent

representation of female members in all fora is encouraged.

5. The University emphasises on imparting training for holistic development of all employees. Such programmes include: a. Induction programme for new teachers, b. Orientation Programme for the continuing teachers, c. In-house training programmes for administrative / ministerial staff, d. Refresher courses.
6. The University maintains a 24x7 security arrangement supervised by a Security Committee consisting of faculty members and officers. There is a single point entry under the round the clock watch of security personnel.
7. The University maintains an impeccably clean campus including all roads and buildings. Dustbins are put at different places to ensure a clean environment.
8. The University strictly maintains a 'No smoking and No Polythene' policy in public on the campus.
9. All equipments and instruments housed in various laboratories and central facilities are maintained in good condition and kept in operation.
10. Internal generation of revenue is encouraged and the University has indulged in Beauty and Wellness and Water Resources.
11. The central facilities of the University such as the auditorium, computer Lab and Library is maintained.
12. From the last 2 years, the University has the distinct track record of almost cent percent utilization of funds as made available by UGC under different schemes.
13. The University takes all effective steps to ensure that the Annual Report and Annual Accounts together with the Audit Certificate issued by the Comptroller & Auditor General of India are laid before both Houses of Parliament within the specified time frame.
14. The University has been preparing its accounts on Accrual basis based on Double Entry System of Accounting since inception.
15. The Hostel administration including its day to day functioning, running of the hostel mess *etc.* is bestowed on the hands of the students under the supervision of Warden(s).
16. Feedback among students is conducted periodically to listen and understand the voice of the students.
17. The University emphasises on Training Needs Identification (TNI) for non-teaching staff to know from the employees about their opinion on the topics on which they wish to get trainings.
18. The University follows the practice of uploading in its website the list(s) of applicants who apply for different post(s) in response to various recruitment drives.
19. File Tracing System is in place.

C. Support Services

1. The University has a Centre for Inclusive Development looking into the affairs of SC/STs, Counselling, Placement activities etc. The Equal Opportunity Cell under this Centre engages in affirmative actions towards the needy sections of students and society.
2. Student Mentoring is done at the Departmental level. Each faculty member is assigned a small group of students to mentor for their overall development.
3. All the hostels have been connected with wifi network for internet connectivity. There are also provisions for indoor games at the hostels. The hostel ambience is maintained beautifully with a dedicated team for gardening.
4. The University provides financial support to the needy students through various scholarships.
5. The University also provides vehicles for students to commute to their classes.
6. In order to facilitate sporting activities without hampering normal academic activities during day time, the University provides sports facility
7. A Yoga Centre has been set up for the benefit of all the campus dwellers and is open for employees and students to practice Yoga as an activity.
8. The University has round the clock medical facilities. There is a well-equipped health centre with

qualified doctors, medical.

9. First Aid Boxes are placed in all the hostels for emergency medical needs.
10. Psychological counselling sessions are organized for students every week to address their various psychological needs by the student counselling centre.
11. The University students are encouraged to earn while they learn. Provisions have been made for part-time engagements in the Computer Centre, Central Library, Centre for Open and Distance Learning, and Central Seat Allocation Board.

D. Outreach

1. Various activities under the Community Outreach Programme are periodically conducted by students and faculties / administration. The University conducts short-term certificate programmes in communicative English for the benefit of the students and teachers of the neighbourhood.
2. With an objective of maintaining a sound relationship with the neighbouring populace, periodic interactions are held with the Gaon Panchayat members / presidents and leading personalities of the villages in the vicinity by the Social work department.
3. The University takes initiative to establish a vibrant and mutually beneficial relationship with the industry. To this direction, the University has already entered into MoUs.
4. For giving an international exposure to the students, scholars and young teachers, the University is in the process of signing MoUs with a number of the reputed institutions/universities in the UK, Germany, Russia and US.
5. The University conducts summer internship programmes for the students of the undergraduate programmes of other Colleges / Institutions to encourage them for research.
6. The visit of students from Schools and Colleges from any part of the State / Region is encouraged.

National Service Scheme (NSS)

The National Service Scheme (NSS) Unit was created in the Central University of Jammu this year and has been functioning since August 2015. In a short span of time, the NSS unit has enrolled more than 120 volunteers from various departments of the university. One of the key objectives of NSS is to awaken the social consciousness of the students and provide them with an opportunity to engage with people around the campus constructively and to impart public social responsibility. The motto of NSS is "NOT ME BUT YOU", which expresses the essence of democratic living, upholds the need for selfless service and volunteerism and underlines that individual welfare is dependent on the welfare of society as whole. The NSS organises two types of programmes in an academic year: Regular activities and Special programmes.

1. Induction Day Programme

The NSS Unit at the Central University of Jammu organised Induction Day for NSS Volunteers to formally orient the volunteers to NSS framework. Prof. Jasbir Singh, Chairman NSS Jammu University delivered the orientation lecture on **Role NSS in Shaping Youth** and interacted with the volunteers. The event was presided over by Prof. Ashok Aima, Vice Chancellor of the university, who emphasised the need for such a forum for students to channelize their energy and knowledge for community development. He said that learning has to be delivered beyond class rooms and students should be sensitised about problems and challenges of the society. Prof. Jasbir Singh presented the historical background of NSS and its role in shaping the character of Indian youth through community engagement and selfless service. He encouraged volunteers to take part in all the activities and programme organised by NSS, which would help them to hone their overall personality. Mere education and degree will not suffice unless it is integrated into community service.

2. Participatory Rural Appraisal (PRA), Village Jhang, Samba District

NSS volunteers have also actively participated in the Participatory Rural Appraisal (PRA) camp in the village Jhang, Samba District under Unnat Bharat Abhiyan programme of the university **22 October 2015.** Volunteers were interacted with the village people and the Panchayat members to understand their problems and their grievances. This provided an opportunity for the NSS Unit to adopt an adjacent village named Khala for special programmes on health and education.

3. Voluntary Blood Donation Camp

The NSS organised first Voluntary Blood Donation Camp on 28 October 2015. Dr. Vijay Sawhney, Head of Blood Bank, Govt. Medical College, Jammu The function began with the key note address by Dr. Vijay Sawhney, Head of Blood Bank, Govt. Medical College, Jammu. He addressed the young minds of the University with his inspiring speech about the importance and the benefits of donating blood.

The event was graced by Prof. H.K.Sharma, NSS director, New Delhi. While addressing the students Prof. Sharma traced the idea of blood donation way back to Vedic periods where the importance of donating blood is enshrined in vedic literatures. The event was presided by the Prof. Ashok Aima, Vice Chancellor Central University Jammu who himself donated blood. Speaking to the students Prof. Ashok Aima emphasised the importance of the selfless service through this kind of social activities among the students. The mobile donation camp received overwhelming response from the students' community where the girls participated in large numbers and more than 70 people donated their blood.

4. Special Lecture

NSS organised a special lecture on Public Social Responsibility and the Role of NSS delivered by Shri. Hemant Kumar Sharma, Deputy Programme Advisor to Ministry of Sport and Youth Affaris at Bagla Campus. While interacting with students, he emphasized the significance of traditional knowledge to impart social responsibility among the youth for social harmony and preservation of nature. NSS is the largest youth organisation in the world, which aimed to train youth on selfless service to the society through structure programmes and tailor made activities. He urged the students to actively participate in the programmes at the university levels to gain experience in community engagement.

5. National Youth Festival 2016

The NSS unit of the Central University of Jammu has been invited to participate in the National Youth Festival organised by the Ministry of Sports and Youth Affairs to be held from 12-16 January at Raipur,

Chattisgarh. Six volunteers from various departments have been selected to attend the event. The delegation will be led by the programme coordinator. Six NSS volunteers have been selected to participate in the same.

6. **Awareness & Advocacy Workshop on Digital India under A&C 2.0**
The NSS unit has been selected to conduct awareness and advocacy workshop on Digital India and ICT higher education by National e-Governance Division. The objective is to generate/enhance awareness about digital India and train NSS volunteers on digital India and related schemes. More than 240 NSS volunteers and programme coordinators and officers will benefit from the workshop.

SPARSH Sensitization, Prevention and Redressal of Sexual Harassment

SPARSH (Sensitization, Prevention and Redressal of Sexual Harassment) is an Apex Committee constituted by the Central University of Jammu in compliance with Section 28(n) of the Central Universities Act 2009. SPARSH is an initiative by CUJ for sensitization, prevention and redressal of sexual harassment by upholding women Right to Protection against sexual harassment and the Right to livelihood. The objectives under SPARSH are as follows:

- To evolve a permanent mechanism for the prevention, prohibition and redressal of sexual harassment of women and men at workplace within the jurisdiction of CUJ and its constituents such as Hostels etc.
- To actively promote a social, physical and psychological environment that will raise awareness and deter acts of sexual harassment.
- To ensure the implementation of the policy in letter and spirit by undertaking all necessary and reasonable steps including the constitution of appropriate committees for purposes of gender sensitization and to conduct enquiries into complaints of sexual harassment.
- To uphold the commitment of CUJ and its constituents to provide an environment free of discrimination and violence against women.
- To generate public opinion against sexual harassment of women and men at the workplace.

ACTIVITIES

SPARSH attains its laid objectives by organizing awareness programmes and regular counselling sessions for the students. Workshops have been organized by the SPARSH for generating awareness among the campus fraternity towards the issue of gender sensitization. The details are as follows:

- Dowry Murder: Gender Prejudiced Practices in India organized on 28th October, 2014.
- Affective Communities: Operations of Affect in South Asia today (Part-I) on 2nd December, 2014
- Affective Communities: Operations of Affect in South Asia today (Part-II) on 9th December, 2014
- Movie Screening of Rituparno Sengupta's Raincoat for gender sensitization and gender studies in November, 2014
- Gender survey for evaluating the needs of female students has been conducted for year 2014-15
- On 14th September, 2015 an awareness session was organized wherein Prof. Rita Jitendra an eminent academician, social activist and philanthropist reiterated the Indian values and ethics for protecting women rights. Another speaker, advocate Deepika Singh Rajawat briefed the audience with the legal aspects to sexual harassment. She apprised the audience with Anti-Sexual Harassment Act 2013 and Vishakha guidelines.
- Under SAKSHAM, SPARSH organized a workshop on 21st December, 2015, a UGC initiative for self-defence
- Awareness by displaying photographs and notices on notice boards is maintained by Dr. Jaya Bhasin

and Dr. Shaveta Kohli at TAB and by Dr. Ritu Bakshi and Dr. Shweta Yadav at Bagla campus.

- On 16th of December, 2015 SPARSH commemorated the death anniversary of Nirbhaya gang rape by paying tributes to her.
- On 20th of January, 2016, debate and poetry competition on gender issues was organised wherein 38 participants participated.
- Complaint and suggestion boxes have been placed at TAB and main campus. The same are managed by
- Dr. Ritu Bakshi and Dr. Shweta Yadav at main campus and Dr. Jaya Bhasin and Dr. Shaveta Kohli at TAB. Dr. Jaya Bhasin and Dr. Neelika Arora conduct regular counselling sessions at TAB, whereas Dr. Ritu Bakshi holds the same at main campus.

University Innovation Cell (UIC) :

The UIC aims at identification of Innovative Ideas and Documentation of Grass root Innovations

Achievements'

University Innovation Cell has documented the medical plant diversity of the campus spread over an area of 610 acres in the form of herbarium. Further, the process has been initiated on the extraction and enhancement of the potential molecules having commercial value.

- 01 IP has been initiated
- List of Innovators Identified*

Proposal submitted for up-gradation of UBIC under Atal Innovation Mission (Rs 10 Crores)

S. No	Innovators	Innovations
1.	Nipun Khajuria , Udhampur	H2 Run Car & Hydraulic Wheel Lock
2.	Zaffar Javaid, Shahdra Sharif Rajouri	Comb embedded with oil antiseptics
3.	Naseema Akhter, Kulgam	Destruction of Polythene
4.	Pardeep Kumar, Rajouri	Alternative Source of Energy
5.	Dr D. M. Gaisas, Jammu	Three in One Ventilator
6.	Dr Ashish Patel, Dandiocha	Five Pang Needle
7.	Prof. Nirmohi, Katra	Research on Duggar Heritage
8.	Dharamvir Singh, Yamuna Nagar	Multifunctional Machine
9.	O. P. Vidyarthi, Jammu	Discoveries on Plants
10.	Anil Paba, Udhampur	Discoveries of ancient Tarcotas & Manuscripts
11	Chetan Ji, Ramnagar	Innovation form Junk Material
12.	Dr. K. C. Sharma, Udhampur	Sharma's Cystostomy Set Innovations in Surgery Plants and Drugs
13.	Wasim Pervaiz, Udhmapur	Scientific Card Board Modeling
14.	Aman, Chennani	Moving wall pictures
15	Bittu Ram, Bilawar	Multiple Activities Single Handed

* J&K Science Congress Exhibition, UOK

- University Business Incubation Centre (UBIC)-2015
- Nurturing of Innovative Ideas for commercialization
- Infrastructural Support to Incubatees
- IPR Facilitation: IP protection to Incubatees

- Campus Start up track: For promoting innovation/technology benefitting community

Achievements"

- UBIC as per its mandate has organised 01 IPR awareness programme for students/research scholars' /entrepreneurs/ faculty members sponsored by DeITY, GOI.
- Grants for organising another programme for local industrial houses is sanctioned by M/O MSME, GOI.
- List of Incubatees Registered for Incubation Support: At present following students, faculty/Grass root innovators have been identified and are registered for incubation/IP support during last six months. The details are as under:

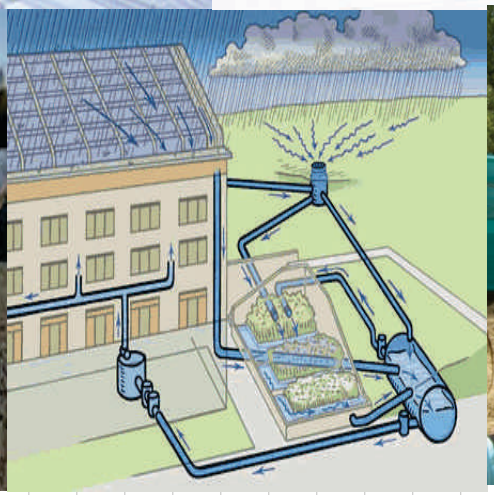
Name of the Incubatee	Name of the Organization/ Broad area of incubatee	Remarks
Dr. Abdul Rashid	Techaxis International Pvt. Ltd/Innovative Ideas on IT and Media	Recommended for funding under Start up India initiative, GOI
Shubham Mahajan Nikhil Vaid	e-commerce	Mentors Allocated
Sajad Rasool and Team	Lensless Microscope	Innovative idea under investigation
Sajad Rasool and Team	Heater without Element	Laboratory Testing stage
Sajad Rasool and Team	Powder Rock sample	Preliminary lab test conducted by Dr Pankaj Mehta at CUJ reveals high magnetic properties hence, sample needs to be analyzed at premier R&D Labs of the country for commercial purposes and societal benefits
Dr Pankaj Mehta	Environmental friendly Duster (EFR)	IP initiated
Farid Ahmed	Alarming Gadget for Deaf (Applied for IP supp ort)	Idea under review

- Innovation Club Meet at Rashtarpati Bhavan, 15-03-2016.
Central University of Jammu was selected to make a presentation along with IIT-Delhi, IIT-Kanpur, IIT- Madras, NIT-Trichy and Jamia, Milia, Islamia.

- The following observations were made by the Secretary to the Hon'ble President of India, Smt. Omita Paul.
"It was really fascinating to listen to the four IIT's which made the presentation. They are doing brilliant work and the kind of Technology they are using is latest but more interesting was those two Universities which have set up the Innovation Club recently; one is Central University Jammu, and another is Jamia Milia Islamia, It was remarkable, the amount of ground they have covered in just 2 years, they are going for IPR, doing research at grass-root innovation for commercialization wherein the boys and girls of these institutes have discovered".

- Proposal submitted for up-gradation of UBIC under Atal Innovation Mission (Rs 10 Crores)

ACADEMIC
BLOCK II



EVALUATIVE REPORT OF DEPARTMENTS UNDER SCHOOL OF BUSINESS STUDIES

DEPARTMENT OF HUMAN RESOURCE MANAGEMENT & OB

DEPARTMENT OF TOURISM AND TRAVEL MANAGEMENT

DEPARTMENT OF MARKETING AND SUPPLY CHAIN MANAGEMENT

EVALUATIVE REPORT OF DEPARTMENT

HUMAN RESOURCE MANAGEMENT & OB

1. Name of the Department : **Human Resource Management & Organisational Behaviour**

2. Year of Establishment : **August 2012**

3. Is the Department part of a School/Faculty of the university?
Yes, Department of Human Resource Management & Organisational Behaviour is part of School of Business Studies.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :
Following programmes are being offered by the department:

S. No.	Programme	Duration	Nature	Intake
1.	MBA (Human Resource Management)	04 Semesters	Fulltime	36 (July 2016 onwards)
2.	IntegratedM.Phil-Ph.D (HRM)	03 Years (06 Months Minimum)	Fulltime	As per Vacancies
3.	B. Voc. (Retail Management)	03 Years (with three exit points at the end of each year)	Fulltime	50

5. Interdisciplinary programmes and departments involved:
University wide elective courses were offered by the department to other departments till session 2014-15. List of programmes are furnished as follows:

Course Code	Programme	Semester	Department
MHRM 175	Fundamentals of Management and Organizational Behaviour	**1st Semester**	
MHRM 176	Entrepreneurship and Small Business Management	**1st Semester**	Economics, English,Social Work
MHRM 275	Managerial Skills and Effective Communication	**2nd Semester**	Education,Comp. Science, English
MHRM 176	Entrepreneurship and Small Business Management	**2nd Semester**	
MHRM 375	Business Environment and Corporate Ethics	**3rd Semester**	Comp.Sciences, English

MHRM 176	Entrepreneurship and Small Business Management	**3rd Semester**	
MHRM 475	Transformational Leadership and Group Dynamics	**4th Semester**	
MHRM 476	Contemporary Practices in HRM and OB	**4th Semester**	
MHRM 176	Entrepreneurship and Small Business Management	**4th Semester**	
MHRM 575	Human Resource Management	**5th Semester**	Computer Science
MHRM 176	Entrepreneurship and Small Business Management	**5th Semester**	
MHRM 675	Strategic Human Resource Management	**6th Semester**	
MHRM 176	Entrepreneurship and Small Business Management	**6th Semester**	

From the session 2015, revised guideline (UGC) of Choice Based Credit System has been adopted. For 3rd and 4th semester students, department has finalised following courses as electives:

Course Code	Programme	Semester	Department
PGHRM 3I013T	Social Enterprise Management	**3rd Semester**	Mathematics & TTM
PGHRM 3I014P	Project on Business Plan	**3rd Semester**	-
PGHRM 4E012T	Soft Skills and Personality Development	**4th Semester**	-
PGHRM 4E013T	Project on Digital Marketing	**4th Semester**	-

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :

1) **Courses in the area of Entrepreneurship are offered in collaboration with JKEDI and MSME Development Institute, GOI, Jammu.**

2) **B. Voc (Retail Management) approved by UGC in 2014 is being offered.**

7. Details of programmes discontinued, if any, with reasons:
NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Semester/Choice Based Credit System:

Choice Based Credit System is being offered and examinations are conducted through semester system

9. Participation of the department in the courses offered by other departments

University wide elective courses are opted by the students of MBA (HRM) offered by other departments. So far five department's courses (1) Department of Economics 2) Department of Computer Science 3) Department of English 4) Department of Public Policy and Public Administration 5) Department of National Security Studies) have been opted.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01		01(Vice-Chancellor since April 2015)
Associate Professors	02	01 (till Jan. 2016)	02 (01 faculty on deputation, Jan 2016 onwards)
Assistant Professors	04+1* 1* Tenure basis	04+1 contractual faculty against the vacant post +1 on tenure basis Professor till July 2016) 04 (July 2016 onwards)	06 till July 2016 05 July 2016 onwards

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No.of Years of Experience	No.of Ph.D. students guided
Prof. Ashok Aima	MA (Economics) M.Com, Phd	Professor VC, CUJ, since April 2015	OB / Tourism Management	35 years	18 (Completed PhD) 09 (Phd. Under progress) 04 (M. Phil awarded) 02 (M. Phil under progress)
Dr. Jaya Bhasin	MA (Economics) MBA,PGDL L, Ph.D	Associate Professor	HRM/ Marketing	19 years	02 (Completed Ph. D) 02 (under process Ph. D) 03 (M. Phil awarded) 01 (M. Phil under process)
Dr. Gaurav Sehgal	Ph. D Management	Associate Professor	Operations Management	12 Years	Nil
Dr. Neelika Arora	MBA, PhD	Assistant Professor	HRM/ Marketing	12 Years	02 (M.Phil awarded) 02 (Ph.D under Process) 01(M. Phil under process)
Anjali Pathania	MBA	Assistant Professor	HRM/IT	3 years	
Mr. Gowhar Rasool	MBA, Ph.D (Pursuing)	Assistant Professor	HRM/Marketing	04 years Teaching	
Mr. Asif Ali	MBA	Assistant Professor	Finance / IT	06 years Teaching	
Dr. Shahid Mushtaq	MBA, PhD	Assistant Professor	Marketing/ HRM	8 Years	02(M. Phil awarded) (01 M. Phil & 3 Ph.D under process)
Mr. Varun Abrol	MBA	Assistant Professor	Marketing and Finance	1 Year 10 months	

12 List of senior Visiting Fellows, adjunct faculty, emeritus professors
Adjunct : 03, Visiting : 03

13. Percentage of classes taken by temporary faculty – programme-wise information
MBA HRM & Integrated MPhil Phd: 01 Contractual faculty against the Vacant Post (as per UGC norms) - 21% per week
B. Voc. (Retail Management): 01 faculty on tenure- 15% per week

14. Programme-wise Student Teacher Ratio
MBA HRM- 8:1 till session 2014-15
Integrated MPhil Phd- 1:1 (2014-15)
MBA HRM- 8:1 (2015 onwards)
Integrated MPhil Phd- 1:1 from 2015 onwards
B. Voc. - 4:1 (Note: Adjunct and Visiting Faculty has also been empanelled)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.
Sanctioned: 01(administrative staff)
Filled: 01 (LDC)

16. Research thrust areas as recognized by major funding agencies:
Contemporary Issues in People Management viz. Employee Engagement, Leadership Pipeline Development, Work Life balance, Quality of work Life, Cross Cultural Management, Competency Mapping, Talent Management, HRIS, Training and Development, Performance Appraisal

Organisational Behaviour viz. Emotional Intelligence, Spiritual intelligence, Stress Management, Power & Politics, Leadership Styles and Values

IR & Labour Laws viz. Child and Labour Act, IR disputes, Workers Participation in Management, Sexual Harassment at workplace, NPS.

17. Number of faculty with ongoing projects from
Give the names of the funding agencies, project title and grants received project-wise.

a) National: 02
Consultancy *Project Title:* Living and working conditions of Artisans of registered crafts in J&K sponsored by Ministry of Textile, GoI
Minor research project title : Scouting entrpreneurial intentions of post graduate students viz-a-viz Make in India campaign sponsored by University
b) International funding agencies: NIL
c) Total grants received: 14 Lakhs

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration: **NIL**
b) International collaboration: **NIL**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Grants received:

1) **Seminar: Rs. 1 Lakh, ICSSR, New Delhi, 2012-13**
2) **Seminar : Rs. 1 Lakh, J&K Tourism, 2012-13**
3) **Capacity Building: Rs. 5.5 Lakhs, ICSSR, New Delhi, 2013-14**
4) **B.Voc: Retail : Rs. 185 Lakhs, UGC, New Delhi (Sanctioned), 2013 (Programme is offered)**
5) **Business Incubator Centre: Rs. 66.5 Lakhs, M/O MSME, GOI (Sanctioned), 2014**
6) **National Workshop on "Scholarly Writing and Plagiarism: Key Concerns" w.e.f. 29th–31st October 2014: Rs. 50, 000, Bilani Infotech, 2014**
7) **National Workshop: Rs. 2 Lakhs, NAAC, Bangalore, 2015**
10) **Workshop on Statistical Analysis using AMOS: Rs. 50, 000, IBM South Asia, 2015**
11) **National workshop on Research Methodology for Ph. D. for Social Sciences Students: Rs. 5.5 Lakhs, ICSSR, New Delhi, 2014-15**
12) **Community College: Rs. 62.96 Lakhs, UGC, New Delhi, 2015**
13) **HRD Congress, J&K Bank : Rs. 1 Lakh, SBI : Rs. 50,000, HDFC : Rs. 25,000, NEXA : Rs. 10,000 Reliance Jio : Rs. 5000/-**

20. Research facility / centre with

- state recognition - **NIL**
- national recognition - **NIL**
- international recognition - **NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies -**NIL**

22. Publications:

Publication in Refereed Journal in year 2012

- **Aima A., Harleen & Pathania A.** (2012) Predictors of Job Satisfaction: Redefining Participative Management Styles, International Journal of Management and Computing Sciences, Vol 2 No. III (2012), pp. 65-80, ISSN: 2231-3303
- **Bhasin, J. & Parrey, A.,** Quality Interventions in HR Practices: A Case of Higher Education, Journal of Strategic Human Resource Management, Vol1, Issue2,June 2012, ISSN No: ISSN: 2277-2138
- **Bhasin, J & Gupta, M.,**Talent Management: A tool for attaining competitive advantage in IT sector., Global Journal of Finance & Management , ISSN 0975-6477, November, 2012
- **Parrey, A & Bhasin , J.,** Mapping the behavioural aspects of Discretionary work effort and employee Motivation: An Empirical Approach, International Journal of Exclusive Management Research, Oct-Nov, 20I2, ISSN 2249-8672
- **Bhasin, J. & Parrey,** A. Modelling Human resource Systems and Organisational Effectiveness International Journal of Exclusive Management Research Oct- Nov,20I2,ISSN 2249-8672
- **Bhasin, J & Gupta,** Talent Management Global Journal, JNU1SSNo 0975-6477, Vol 7 No.5

Publication in Edited Book in year 2012

- **Aima A.,** Global Economic Recession and Tourism: Implications for J&K, Innovative Tourism And Sustainable Development: Issues and Challenges,Kanishka Publishers, New Delhi,eds ISBN 978-81-8457-371-8(Chapter 11), 2012.
- **Bhasin, J & Gupta, M** Talent Management JIMS Journal ISBN No. 81-7188-021-5

Books published in year 2012

- Innovative Tourism And Sustainable Development: Issues and Challenges, **Ashok Aima**, Parikshat S. Manhas, Jaya Bhasin(2012), Kanishka Publishers, New Delhi, ISBN 978-81-8457-371-8
- Tourism Destination Management: Strategic Practices and Policies, **Ashok Aima**, Parikshat S. Manhas, **Jaya Bhasin**(2012), Kanishka Publishers, New Delhi, ISBN 978-81-8457-370-1

Publication in Refereed Journal in year 2013

- **Aima, A., Pathania, A. & Harleen (2013).** Leveraging Knowledge Value Chain: Some Reflections of Repatriate Workforce, *Arth Anvesan*, Volume 8(1), Special Issue, ISSN : 0973-8193
- **Gowhar Rasool and Dr.Mir Parvez A.,** A Study of Organizational Ethos: A Case of J&K Bank" Vol. 2, Issue 2013 Abhinav journal of research in commerce & management (ISSN 2277-1166 Impact factor 0.96).
- **Gowhar Rasool & Partika Jasrotia.** A study on facilitators of work engagement and the barriers hindering it in nursing, *Zenith International Journal of Multidisciplinary management*, Vol. 3, Issue 4, ISSN-2231-5780
- **Parrey, A &Bhasin , J.,** Impact Assessment of Motivation on Discretionary Work Effort Indian Journal of Applied Research, Indexed with International ISSN Directory, Paris Vol. 3 Issue 6, June 2013, ISSN-2249-555X
- **Parrey, A & Bhasin, J.,** Gender Discrimination in Work force and Discretionary Work Effort ABHINAV International Monthly Refereed Journal of Research in Management and Technology Vol. II, June, 13, ISSN- 2320-0073
- **Parrey, A & Bhasin , J.,** Discretionary Work Effort and Motivation: A Framework for High Quality Service Organisations Indore Management Journal ISSN: 0975-1653, pp.277
- **Bhasin, J & Gupta, M.,**Performance Impact of Intangible Capital: A Csae Study of Indian IT Sector Amity Global HRM Review Vol. 3, 2013, ISSN: 2250-060-X
- **Bhasin, J & Gupta, M** Intangible Organisational Elements and Organisational Performance: A Scenario of Indian It Sector JNU Journal, Global Journal of Management Vol. 15 no.7, ISBN No.0975-6477 dated 2013
- **Bhasin , J. & Parrey, A.** Correlating Business Process Management and Organisational Performance IUP Journal of Organisational Behaviour Vol.XII, NO.4,ISSN0972-687X, Oct,2013
- **Gupta, A., A. Yousaf, N. Arora** (2013), Mapping Sponsorship Linked Marketing in Indian Premier League, *IIM Kozhikode Society and Management Review [SAGE Publications]*, Vol. 2 Issue 1, pp. 61-72 [ISSN 2277-9752]

Publication in Edited Book in year 2013

- **Aima A., Pathania A.** & Harleen (2013). Global Business Practices Contemporary Perspectives. In O.P. Verma, S.S. Narta, Kulbhushan Chandel, Devinder Sharma & S. Kulshreshtha (Eds.), *Information Technology Interventions in Competence Management:A Strategic Perspective* (pp. 33 – 39). Nirmal Book Agency Publishers, Distributors, Kurukshetra. ISBN: 978-81-8672-707-5.
- Dogra R. and **N. Arora** (2014), Community Participation in Cultural Festivals and Its Role in Destination Development Tourism Concepts, Issues and Challenges, Ed. S P Bansal, Sandeep Kulshestra, Prashant Gautam Neha Publishers and Distributers, New Delhi [ISBN 978-93-80318-57-8] pp 443 – 467
- **Arora, Neelika** and A. Gupta (2012), A Model for Community Capacity Building for Peace and Sustainable Tourism Development in Developing Economies" published in book titled Tourism Destination Management: Strategic Practices and Policies edited by Prof. Ashok Aima *et al*., pp. 217 – 299, Kanishka Publishers, New Delhi [ISBN 978 – 81 – 8457 – 370 – 1]
- Dogra, R. and **Arora, N.** (2012), Community Driven Cultural Festivals: A Tool of Sustainable Destination Development in M.K. Sarma, S.S. Sarkar and C. Goswami edited Sustainable Tourism: Issues and Challenges Macmillan Publishers, India, pp. 261-272 [ISBN: 978-935-059-069-0]

Books Published in year 2013

- Emerging Trends in Tourism Vol II Edited Book based on the research papers and deliberations during the 1st and 2nd SAP- DRS Conference on Tourism Primus Publication,(Royalty received for year 2013) Ashok Aima, Vinay Chauhan, Jaya Bhasin

Publication in Refereed Journal in year 2014

- **Gupta, *M.* and *Bhasin, J.,*** The Relationship between Intellectual Capital and Brand Equity, *Management and Labour Studies*, 2014, SAGE Publications, Vol. 39, Issue 3, pp. 329-339
- **Dr. Fasili & Rasool, G.,** Strategic HR at variance: A comparative review of practices followed in developing and developed countries in tourism industry, PR Communication Age, Volume XVII, Issue (8), ISSN -09720650

Publication in Edited Book in year 2014

- **Bhasin. J** & **Ali A**. (2014), Business Process Reengineering: A Case Study Of Central Bank of India**,** *Changing Dimensions Of Emerging Business Enterprises*, Ed. Shekhar Upadhyay, Tripda Rawal, Ashish Mehta, Shroff Publishers & Distributors Pvt Ltd,
- **Bhasin. J & Rasool G. (2014),** HR Intelligence: A Challenge for organizations*, Management Challenges in the New Era: Strategies for Success*, Ed. Rahela Farooqi Saif Siddiqui, Excel Publishers, New Delhi [ISBN 978-93-83842-08-7], pp.195-203.
- **Bhasin. J & Rasool G.** Modelling Organizational Effectiveness and Work Values: A case of Ahuja Radios (2014). *The Proceeding of International Conference on Emerging Trends in Global Management Practices-An Interdisciplinary Approach,* ISBN: 978-81-928678-0-9
- **Pathania, A. (2014).** Competence Management System as a Strategic Tool for Succession Planning, *The Proceeding of International Conference on Emerging Trends in Global Management Practices-An Interdisciplinary Approach,* ISBN: 978-81-928678-0-9

Books Published in year 2014

- Contemporary Trends in Tourism and Hospitality Management, **Aima Ashok**, Chauhan, V. **Bhasin, J**. ISBN- 978-938060-77-26, 2014, Primus Publication, Delhi

Publication in Refereed Journal in year 2015

- **Bhasin, J. & Rasool, G.,** Community Participation Framework for Water Utilizatin in Jammu Region (J&K) , Journal of General Management Research, Volume 2 Issue 2 (2015) ISSN 23482869
- Yousaf A., Gupta A., **Arora N**. (2015). Role of Retail Marketing Mix in Customer Satisfaction and Loyalty: A Case of Private University Retail Mall. IIM Journal, 3(1), 27-36
- **Arora, Neelika**., Naik, A., and Gupta. A (2015), Contended Customers: Employees' Role *SCMS Journal Of Indian Management* (April-June) ***Impact factor 1.1***, Vol. 12, No.2 , ISSN- 093-3167
- **Rasool, G. & Pathania, A.** Revisiting Marketing Mix, Study of Evidences for investigating innovative role of technology in co-creation, Journal of General Management Research, Volume 2 Issue 1 (2015) ISSN 23482868

For more publications refer to Annexure : "A"

Publication in Edited Book in year 2015

- **Arora, N., Yousaf, A., & Gupta, A. (2015). Understanding and Exploring Employee Committment in Retailing: Relevance and Implication for HR Managers. In S. C. Das, *Excellence in HRD for Sustainable Growth* (pp. 146-157). New Delhi: Excel India Publishers.**

23. Details of patents and income generated: **NIL**

24. Areas of consultancy and income generated
Area of consultancy: Industrial Relations
Income Generated: 6 Lakhs (2015-16)

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad

- **Prof. Ashok Aima: College of Business and Public Administration California State University - San Bernardino, USA (25th -26th May 2014) & Business Department of Management and Human Resources, School of Business, University of Wisconsin-Madison, USA (19th -20th May 2014) , IMPA, Shere Kashmir Police Academy, IIPA, NITCO, Various Academic Staff Colleges**
- **Dr. Jaya Bhasin: IMPA, Shere Kashmir Police Academy, NITCO, IIPA, MSME**
- **Dr. Neelika Arora: IMPA, NITCO, IIPA, Power Grid, NHPC**

26. Faculty serving in

a) National committees: **Prof. Ashok Aima (UGC, NAAC, NBA, AICTE, PSC, Member of different administrative and academic bodies of various Central and State Universities across India)**

b) International committees

c) Editorial Boards:
Prof. Ashok Aima

- **Journal of Training and Development**

Dr. Jaya Bhasin

- **Amity Global HRM Review**

d) any other (please specify) :

Prof. Ashok Aima

- **Member, Indo Australian Education Council**
- **Non-officio expert of J&K State Pollution Control Board.**
- **Member of Committee for Advance Studies and Research (CASR) , Aligarh Muslim University, Aligarh (Central University)**
- **Empanelled for appointment as Non-Executive Board of Director in Public Sector Undertakings**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Faculty is encouraged to participate in various Seminars/Workshops/FDP's/ Orientation Programmes. Besides, University is also providing financial assistance upto Rs. 3 Lakhs for undertaking minor research projects.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects : NIL
- percentage of students doing projects in collaboration with other universities industry / institute :

As per course requirement students undergo eight to ten weeks industrial internship wherein they are paid stipend by most of the companies besides short term course projects are undertaken by the students. Few companies have offered live projects.

HRD Congress held from 16th to 18th September 2016 provided a platform for interaction with 30 corporate houses including IBM, Schneider Electric Global Talent Solution, Organic Wellness, Polaris, Indian Motorcycles, Bloomberg, etc. who have offered mentorship for students, faculty enrichment programmes. 100% students are engaged in live projects. All students are involved in sales activities and entrepreneurship development programmes on regular basis.

Students Internship Details
Batch 2013-15, 2014-16

Name of Student	Company
Anirudh	Carborundom Universal Limited, Chennai
Ankita	Power Grid corp. of India, Jammu
Ashish Verma	JKEDI, Srinagar
Avishake Raina	Ultimate Flexi Pack ltd, Jammu
Balbir Singh	JKEDI, Srinagar
Bhavik Uppal	Sun Pharma laboratories , Jammu
Damandeep Kaur	Global Business Solutions, New Delhi
Deepika Sambyal	Sun Pharma laboratories Limited, Jammu
Gurpreet Singh	JKEDI, Srinagar
Jasleen Kaur	Global Talent Co., Noida
Kavita Saini	Power Grid Corp. of India, Jammu
Keshiv Slathia	UPL LIMITED, Jammu
Meenakshi Bhagat	Power Grid Corp. of India, Jammu
Meenakshi Verma	Birla Sun Life, Jammu
Mohd. Hussain	JKEDI, Kashmir Campus, Srinagar PIN: 191101
Neha	Ultimate Flexi Pack ltd, Jammu
Noureen Rehman	Water Health Pvt. Ltd, Hyderabad
Preeti Banal	Anphar Organic Pvt. Ltd., Jammu
Priyanka Sehgal	Water Health Pvt. Ltd., Hyderabad
Reena Digra	Power Grid Corp. of India, Jammu
Sahil Sharma	Carborundom Universal Limited, Chennai
Simranjeet Kaur	Global Business Solutions, New Delhi
Suman Jrall	Bajaj Allianz, Jammu
Upasana Bhagat	Bajaj Allianz, Jammu
Vivek Sagar	Leighton Holdings
Ankur Sharma	FCI
Ankush	Bajaj Allianz
Arun Dev Singh	Pepsico ltd.
Ashraf Choudhary	Bajaj Allianz
Boni Thapa	FCI
Danish Mahajan	Pepsico ltd.
Dikhsa Sharma	NHPC
Harleen Kaur	Vodafone

Iftikaar Ansari	NHPC
Mehak Kohli	JKEDI
Monika Kesar	Power Grid
Nitish Manotra	JKEDI
Nasir Mehmood	JKEDI
Priksha Sharma	JKEDI
Priyanka	Vodafone
Priyanka Thapa	FCI
Radhika	JKEDI
Rajni Chouhan	Power Grid
Rashika Dubey	Water health pvt. Ltd.
Ritika Joshi	Water health pvt. Ltd.
Ritikesh Sharma	J&K Bank
Rohini	Vodafone
Shavika Sudan	Vodafone
Sunakshi Gupta	Ultimate flexi pack ltd.
Swadha Mahajan	Power Grid
Trishna Kumara	FCI
Waqar Malik	Reliance communication

Students have been offered paid internship in different oraganisations.

29. Awards / recognitions received at the national and international level by

- **Faculty :**
  Prof Ashok Aima, received life time achievement award by Himachal Pradesh Commerce and Management Association
- Doctoral / post doctoral fellows
- Students
- **Two students of MBA HRM, Jasleen & Priyanka were selected as "Vodafone superstars" where they were given exposure to latest trends on Business and Corporate Working**
- **Two students of MBA HRM, Bhavik Uppal and Ankur Sharma received Runner up award in quiz competition, Tata Crucibles. They received cash prize of Rs. 50, 000 for the same.**

30. Seminars/ Conferences/Workshops organized and the source of funding (National /International) with details of outstanding participants, if any.

Refer to Annexure "A"

Events Organised

CONFERENCES ORGANISED:

S.No.	Conference Name	Date	Funding Agency
1.	HRD Congress	September 16–18, 2016	University Funding and Corporate sponsorship
2.	2 Day National Conference on 'Preparing Next Generation Leadership: A Futuristic Agenda'	November 22 - 23, 2013	Registration fee + Funding from Segment Publishers

WORKSHOPS ORGANISED:

S.No.	Workshop Name	Date	Funding Agency
1.	Workshop on Curriculum enrichment based on CBCS	May 27, 2015	University Funding
2.	Workshop on Statistical Analysis using AMOS	May 22– 25, 2015	IBM South Asia(Software) + Self Financing through registration fees
3.	National Workshop on Research Methodology for Ph.D of Social Sciences Students	May 12 - 21, 2015	ICSSR
4.	Two Day National Workshop on "Accreditation Awareness & Institutional Ranking"	January 5-6, 2015	NQRI Scheme of NAAC + Registration Fee
5.	Three Day National Workshop on "Scholarly Writing and Plagiarism: Key Concerns"	October 29-31, 2014	University Funding+ Registration Fee

6.	7 Day workshop by Jammu and Kashmir Entrepreneurship Development Institute (JKEDI)	May 5-11, 2014	Sponsored by JKEDI+ University Funding
7.	HR Workshop on 'Acquisition, Nurturing and Retention of Talent - A Futuristic Approach'	May 3- 4, 2013	Sponsorship by Segment publisher + Registration Fee
8.	Faculty Development Programme	November 18 -20, 2012	University Funding
9.	Workshop on Effective Communication and Presentation Techniques	October 13-15, 2014	University Funding
10.	Workshop on Personality Development	September 26, 2014	University Funding
11.	Workshop on Perception	September 16, 2013	University Funding

For more information Refer to Annexure "A"

31. Code of ethics for research followed by the departments
Anti plagiarism policy of University is strictly followed by the department.

32. Studenprofile programme-wise:

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MBA (HRM) 2012-14		14	04	100%	100%
MBA (HRM) 2013-15		10	15	80%	93.33%
MBA (HRM) 2014-2016	203	12	16	58.33%	87.5%
MBA (HRM) 2015-2017		12	16	58.33%	87.5%
Int. M Phil & Ph.D 2013-14	723	03	01	100%	100%
Int. M Phil & Ph.D 2014-15	33	01	04	100%	100%
Int. M Phil & Ph.D 2015-16	170	01	04	100%	100%
B. Voc. (Retail Management)	08	04	NIL	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of Students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of Students From Other countries
MBA (HRM) 2012-14	0	66.6	33.33	0
MBA (HRM) 2013-2015	0	96	41	0
MBA (HRM) 2014-2016	0	92.85	7.14	0
MBA (HRM) 2015-2017	0	93.54	6.45	0
Int. M Phil & PhD 2013-14	0	75	25	0
Int. M Phil & PhD 2014-2015	0	20	80	0
B. Voc. RM (2015-17)	0	100 (School)	0	0
B. Voc. RM (2016-18)	0	36 (School)	64	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

NET: 01

35. Student progression

Student progression	Percentage against enrolled
UG to PG	**NIL**
PG to M.Phil.	**NIL**
PG to Ph.D.	**NIL**
Ph.D. to Post-Doctoral	**NIL**
Employed	
• Campus selection	02 (As investigator, from August 2015)
• Other than campus recruitment	32
• Entrepreneurs	02

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	NIL
from other universities within the State	07
from universities from other states	01
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: **NIL**

38. Present details of departmental infrastructural facilities with regard to

a) Library: Department uses the facilities offered by the common library of the university. 1543 books have been purchased. Additionally the Department has subscribed E-Shodh Sindhu for online access of Journals

b) Internet facilities for staff and students: Common facilities are provided by the university such as WiFi, Central Library and others.

c) Total number of class rooms **: 02 (Till sessi on 2014-15)**
: 03 (2015 onwards)

d) Class rooms with ICT facility**: ICT as a central facility is being provided**

e) Students' laboratories**: NIL**

f) Research laboratories **: NIL**

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university **: 04: (2013-14)**
05: (2014-15)
03: (2015-16)

b) from other institutions/universities **: NIL**

40. Number of post graduate students getting financial assistance from the university**: NIL**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology**: Yes**
Interaction with eminent academicians/industrialists/entrepreneurs' was undertaken and the need was analysed besides apex industry institutions were consulted before formulating the course structure.
Subsequently, the draft was submitted to the Board of Studies of the department followed by

School Board and then final approval was granted by the Academic Council

42 Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes , IQAC maintains the record of the feedback forms and accordingly evaluates the same for feedback to the respective departments

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes , IQAC maintains the record of the feedback forms and accordingly evaluates the same for feedback to the respective departments. The feedback is analysed to find out strength and weakness of the curriculum, teaching-learning process etc. The report is submitted to HOD for necessary action.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?
Old Boys meet is organised annually to get their feedback and necessary changes as suggested are incorporated.

43. List the distinguished alumni of the department (maximum 10) **: NIL**

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. :Workshops/ Seminars/Interactive sessions
Student Development Activities:

- Entrepreneurial activity conducted by Students of HRM & OB Department on 15/09/2015.
- Field Visit conducted to **Walmart Jammu** on 6/11/2015.
- Field Trip of B.Voc (Retail Management) Students to **Pantaloons Woman** and **Lifestyle** held on 01/09/2016.
- HRD Congress on "**Nurturing World Class Organisations in an Emerging Global Diaspora**" from 16th -18th September, 2016.
- Placement Drive conducted by "**NISA Global**" on 23/09/2016.
- 2 day workshop on Basics of SPSS by Mr.Prasoon Joshi, **SPSS- South Asia** 3-4/12/2015
- 2 day national workshop on "**Intellectual Property Rights: Implementation and Enforcement"** sponsored by DEITY, Ministry of Communications and IT, Government of India 15-16, January, 2016
- Capacity Building Workshop on "**Effective Managerial Skills for Registered Artisans of J&K**" on 17th-18th march, 2016.
- Self Efficacy Programme organised by "**SPARSH**" and " **The Yoga Centre**" from 8/8/16-12/8/16.
- Online test for placements conducted by "**Axis Bank**" on 16th March, 2016.
- Online test for placements conducted by "**HDFC Bank**" on 17-18th March, 2016.
- Placement drive conducted by "**Reinventing Pros**" on 15-16th March, 2016.
- Workshop on "Effective Communication and Presentation Techniques" w.e.f.13th -15th October, 2014
- Workshop on "Personality Development" for MBA (HRM) students 26th September, 2014
- Industrial Visit of MBA (HRM) students organized on 19th September, 2014.

- Workshop on "Perception Management" for MBA (HRM) students, 16th September, 2013
- Workshop on "Entrepreneurship" organised by dept. in collaboration with Jammu and Kashmir entrepreneurship Development Institute (JKEDI), w.e.f. 5th -11th May 2014.
- Workshop on "Communication and Case Analysis Module - II" for MBA (HRM) and MBA (TTM) on 20th November, 2012
- Workshop on "Communication and Case Analysis Module - I" for MBA (HRM) and MBA (TTM) on 7th & 9th November, 2012
- Workshop on "Personality Development" for MBA (HRM), MBA (TTM) and MSc. (IT) students was conducted on 19th October, 2012
- Workshop on "Self Assessment" for MBA (HRM) and MBA (TTM) students was conducted on 12th October, 2012
- As a part of World Tourism Day Event an Inter-University Quiz Competition on "Sustainable Energy and Tourism Development" on 27th September, 2012.

Interactive Sessions

- Online Interactive session by Mr. Sanjay Jog "CHRO, Reliance Jio" on the topic "What Employers want in a rapidly changing world" held on 27/09/2016.
- Interactive session by Mr. Sanjeev Saxena (State HR Head, RJIO) on the topic "Role of Technology in HR" held on 21/10/2016.
- Guest lecture by Mr. Vikas Shah,COO, **Water Health**, Hyderabad on 19/11/2015
- Guest lecture by Prof. Rashid Sayeed, CEO **ASHRAY**- Techno Social Incubator on 20/11/2015
- Guest Lecture by Mr. Raj Nehru (Associate Director) **Concentrix** on "**would i work for me**" 20/11/2015
- Interactive session on Contemporary Issues in Retail Management Practices by Prof. Piyush Kumar Sinha, **IIM-Ahmadabad** on 02/12/2015
- Interactive session on "**Managerial Styles and Leadership Development**" by Mr. Raj Nehru (Associate Director) **Concentrix on** 08-02-2016.
- Pre placement session by **Vodafone** on 09-02-2016
- Interactive session by Mr. Shubash Jagota CEO, **Global Business Solutions** on 23/02/2016.
- Interactive session cum Placement drive by **AIESEC** on 24-02-2016
- Lecture by Justice JP Singh on "**Gender Equality**" on 05-03-2016
- Multi-Lingual mahila kavi sammelan organised to celebrate International Women's Day 08-03-2016
- Counselling session organised for students by **SPARSH** committee on 29-04-2016.
- Counselling session organised for students by **SPARSH** committee on 03-05-2016.
- Round table discussion on proposed start up scheme for J&K mediated by CII on 04-06-2016.
- Guest lecture by Prof. Nawal Kishor (IGNOU), on "**Challenges and Trends in World Trade**" held on 1/09/2016.
- **Prof. K.L. Chopra,** Padma Shri, delivered a lecture on "Nurturing innovation and entrepreneurship in Academia" on **21st September, 2015**
- **Mr. Raj K. Nehru,** Associate Director HR Concentrix (A Syntex Corporation Company), conducted a session on "Preferences and their impact on Decision making and Leadership" and "Emotional Intelligence : A Johari Window" on **12th September, 2015**
- **Prof. Ran Singh Dalhiwal,** Punjabi University, Patialia conducted a session on " Contemporary Issues and Challenges in HRM" on **26th August, 2015**
- **Gangan Kamra and Varun Gupta** conducted a session on 'Investment Options in Stock Market' on

30th July, 2015

- **Sh. Subhash Jagota** conducted a session on **"Contemporary Trend in HRM"** on **28th January 2015**
- **Prof. M. I. Haque,** Chairman and Dean, Department of Business Administration, Faculty of Management Studies and Research, Aligarh Muslim University, Aligarh conducted a session on "Problems in Management" on **27th January 2015**
- **Prof. R. S. Dhaliwal,** Punjabi University, Patialia conducted a session on "Contemporary Management Practices" on **16th January 2015**
- **Mr. Atul Sharma,** Chatered Accountant conducted sessions on "Financial Management" w.e.f. **6th -7th May 2014**
- **Prof Yoginder Verma,** Dean, School of Management Studies Himachal Central University Mr. Verma delivered a lecture on "Rediscovering Modern Managers", on **6th December , 2012**
- **Mr. Rakesh Shalla** (J&K-Operations Head Vodafone conducted a session on "Building Brand Image in Reference to Telecom" on **30th November, 2012.**
- **Mr Subhash Jagota,** CEO Global Business Solutions and former HR Head Punj Lloyd conducted sessions on "Dynamics of Success" and "HR Practices Prevailing across Industries in India", **November 29th, 2012**
- **Prof Ashok Ogra,** Apeejay Institute of Management Studies, Noida and Ex-Vice President Discovery Channel & Animal Plannet (South Asia) and former Director, Doordarshan delivered his talk on "Earth is Full-A Perspective" on **23rd November, 2012**
- **Dr Manoj Gupta,** Associate Professor, Indian Institute of Management-Rohtak conducted extended sessions on "Accounting and Financial Management",**16th November, 2012:**
- **Prof Sandeep Kulshrestra,** Nodal Officer & Chairman-Academics, IITTM-Gwalior (M.P) conducted sessions which enhanced their knowledge base with some "Recent Trends in Travel and Tourism Industry" on **19th & 20th October, 2012**
- **Mr. Vikas Shah,** Chief Operating Officer for Water Health International delivered his talk on "Performance Management System (PMS) for organisations" in the present scenario on **1st October, 2012**
- **Mr. Gagan Pratap Singh,** Trade Wings, Jammu Office, conducted a session "Career Prospects in Tourism and Hospitality Sector" for MBA (HRM) & MBA (TTM) on **14th September, 2012**
- **Prof. Roshan Lal Raina,** Dean (Planning & Development, IIM-Lucknow) and Ex-Mentor (IIM-Rothak & IIM-Kashipur) delivered his talk on "Entrepreneurial Skills for Effective Management" on **8th September, 2012**
- **Mr. Kartik Raina,** Senior Advisor-Y Factor and former Country Head Dabur India Limited., conducted a session on "Developing Technological Competencies" on **31st August, 2012**

45. List the teaching methods adopted by the faculty for different programmes.
Lecture method, Case Studies, Role play, PPTs, Quiz, Management Games, Group discussions are frequently adopted methods by the faculty.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Student feedback is taken. Periodic review of teaching and learning process is a regular practice. Pedagogical schemes and intent upgradation of syllabi is done through BOS & other regulatory bodies

47. Highlight the participation of students and faculty in extension activities.
Department undertakes regular outreach activities for the benefit of the unreached section of the society besides department offers university wide skill oriented elective courses

48. Give details of "beyond syllabus scholarly activities" of the department.
Seminars/Workshops/FDP's/Conferences/AwarenessProgrammes/Corporate Interactions
Refer to Annexure 'A'
Yes. Details of "beyond syllabus scholarly activities" of the department are as follows:
Student Development Activities:
Various workshops on Personality Development, Entrepreneurship, Self assessment, are a regular practice. Industrial visits alongwith life projects with corporate mentorship programmes are being organised. Further, sales activity,pre placement drives and business fest are a regular practice.

Corporate Interactive Sessions

- Online Interactive session by Mr. Sanjay Jog "CHRO, Reliance Jio" on the topic "What Employers want in a rapidly changing world" held on 27/09/2016.
- Interactive session by Mr. Sanjeev Saxena (State HR Head, RJIO) on the topic "Role of Technology in HR" held on 21/10/2016.
- Placement activity and interactive session on M. Paisa by Vodafone, January, 2015.
- Interactive session Mr. Vikas Shah,COO, **Water Health**, Hyderabad on 19/11/2015
- Interactive session by Prof. Rashid Sayeed, CEO **ASHRAY**- Techno Social Incubator on 20/11/2015
- Interactive session by Mr. Raj Nehru (Associate Director) **Concentrix** on "**would i work for me**" 20/11/2015
- Interactive session on "**Managerial Styles and Leadership Development**" by Mr. Raj Nehru (Associate Director) **Concentrix on** 08-02-2016.
- Pre placement session by **Vodafone** on 09-02-2016
- Interactive session by Mr. Shubash Jagota CEO, **Global Business Solutions** on 23/02/2016.
- Interactive session cum Placement drive by **AIESEC** on 24-02-2016
- Round table discussion on proposed start up scheme for J&K mediated by CII on 04-06-2016.
- **Mr. Raj K. Nehru,** Associate Director HR Concentrix (A Syntex Corporation Company), conducted a session on "Preferences and their impact on Decision making and Leadership" and "Emotional Intelligence : A Johari Window" on **12th September, 2015**
- **Gangan Kamra and Varun Gupta** conducted a session on 'Investment Options in Stock Market' on **30th July, 2015**
- **Sh. Subhash Jagota** conducted a session on **"Contemporary Trend in HRM"** on **28th January 2015**
- **Mr. Rakesh Shalla** (J&K-Operations Head Vodafone conducted a session on "Building Brand Image in Reference to Telecom" on **30th November, 2012.**
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- **Mr. Vikas Shah,** Chief Operating Officer for Water Health International delivered his talk on "Performance Management System (PMS) for organisations" in the present scenario on **1st October, 2012**
- **Mr. Gagan Pratap Singh,** Trade Wings, Jammu Office, conducted a session "Career Prospects in Tourism and Hospitality Sector" for MBA (HRM) & MBA (TTM) on **14th September, 2012**
- **Mr. Kartik Raina,** Senior Advisor-Y Factor and former Country Head Dabur India Limited.,

for more information refer to Annexure "A"

conducted a session on "Developing Technological Competencies" on **31st August, 2012**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **No**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- **Learning by doing method of Pedagogy adopted.**
- **Friday club activities are conducted.**

Events Organised

- **Corporate sales activity, January 2015**
- **Three day National workshop on 'Scholarly Writing & Plagiarism ': Key concerns. (Oct. 29-31, 2014).**
- **7 day workshop by JKEDI 5th May, 2104.**
- **2 Day national conference on preparing New- Generation Leadership: A futuristic agenda 22nd Nov, 2013.**
- **HR Workshop on Acquisition, Nurturing & Retention of Talent - A Futuristic approach, May 3-4, 2013**
- **Faculty Development programme Nov. 18-20, 2012.**

Note: These are list of few events. For detailed list refer Q44.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Ans:

Strengths

- Trained faculty
- Strong Industry Academia Interface
- Wi Fi enabled Department
- Business Incubator Centre
- Thrust on Entrepreneurship

Weakness

- Restricted local Industrial Base
- Shortage of Space for Starting new courses
- Shortage of support staff

Opportunities

- Capacity Building Programmes can be initiated to groom the soft skills for employability
- Expansion of Vocational Programmes
- Collaboration with International Universities for student and faculty exchange
- Strengthening of Industry-Academia interface

Challenges

- Lack of Infrastructureity
- Limited grants since developing Univers

52. Future plans of the department.

- **Certificate course on Labour Laws**
- **Certificate course on Personality Development**
- **Post Graduate Diploma in Social Entrepreneurship (proposed & approved by BOS & School Board)**
- **Upgradation of B. Voc. To M. Voc.**

EVALUATIVE REPORT OF DEPARTMENT

TOURISM AND TRAVEL MANAGEMENT

1. Name of the Department: **Department of Tourism and Travel Management**

2. Year of establishment: **2012**

3. Is the Department part of a School/Faculty of the university?
Yes, The Department is part of School of Business Studies in the Central University of Jammu

4. Names of Programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

S. No.	Programme	Duration	Nature	Intake
1.	MBA (Tourism and Travel Management)	04 Semesters	Fulltime	
2.	M.Phil-Ph.D Integrated	03 Years 06 Months Minimum	Fulltime	As per Vacancies
3.	B. Voc. (Tourism Management)	3 years (with) three exit points at the end of each year)	Fulltime	

5. Interdisciplinary courses and departments involved:

S.No.	Programme	Semester	Department
1	Tourism Concepts and Principles	1st	Environmental Sciences
2	Sustainable Tourism and Environmental Management	2nd	Economics,Environmental Sciences
3	Entrepreneurship Development in Tourism	3rd	English, Computer Sciences
4	Around the World	4th	Environmental Sciences, English
5	ICT and Tourism	6th	Computer Sciences

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NA**

7. Details of programmes / courses discontinued, if any, with reasons: **NA**

8. Examination System Annual/ Semester/Choice Based Credit System:

S.No.	Programme	Mode
1	MBA in Tourism and Travel Management	Semester
2	M.Phil - Ph.D Integrated	Semester

9. Participation of the department in the courses offered by other departments

S.No.	Class	Semester	Course Title	Departments Involved
1	MBA-TTM	1st	Fundamentals of Management & Organisational Behaviour	Department of Human Resource Management & Organizational Behaviour
2	MBA-TTM	1st	Introduction to International Relations and Security	Department of National Security Studies
3	MBA-TTM	2nd	Developmental Issues in Indian Economy	Department of Economics
4	MBA-TTM	2nd	India's National Security -Issues & Challenges	Department of National Security Studies
5	MBA-TTM	2nd	Civil Services In India	Department of Public Policy and Public Administration
6	MBA-TTM	2nd	Advanced Computer Concepts	Department of Computer Science and Information Technology
7	MBA-TTM	3rd	Natural Resources & their Management	Environmental Sciences
8	MBA-TTM	3rd	Local Governance in India	Department of Public Policy and Public Administration
9	MBA-TTM	4th	Project Work in lieu of Bouquet Course	Departmentof Environmental Sciences

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors/Others)

Teaching post	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	01	Vacant	
Associate Professors	02	Vacant	
Asst. Professors	04	04	
Others		03	Contract Faculty

11. Faculty profile with name, qualification, designation and specialization, experience and research guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided
Prof. Deepak Raj Gupta	Ph.D, M.Phil, MDP-A IVLP - USA , M.A-Eco	Head of the Department till 19-01-2016	Tourism Marketing and Rural Tourism	29 Years	02 Ph.D and 01 M.Phil
Dr. Gaurav Sehgal	Ph. D Management	Head from 22-03-16 to 21-07-16	Operations Management	12 Years	Nil
Dr. Jaya Bhasin	MA (Economics) MBA,PGDL L, Ph.D	Head from 22-07-16 to till date	HRM/OB	13 years Teaching 5 years Corporate	02 (Completed Ph. D)(HRM) 02 (under process Ph. D)(HRM) 03 (M. Phil awarded)(HRM) 01 (M. Phil under process)(HRM)
Dr. Amit Gangotia	Ph.D. UGC NET,MTA	Assistant Professor	Adventure Tourism, International Tourism	10 Years	04 M.Phil
Dr. Bharti Gupta	PhD,NET-JRF, MTM and MHRM	Assistant Professor	Human Resource Management in Tourism	06 Years	04 M.Phil

Ranjeet Kumar Raman	UGC JRF-NET, MBA(Tourism) NET (Management)	Assistant Professor	Tourism Entrepreneurship & Venture Creation, Destination Management, Event Management	03 Years	NIL
Rahul Thakur	MTA,UGC-NET	Assistant Professor	Travel Agency and Tour Operations, Service Marketing, Adventure Tourism	03 Years	NIL
Dr. Poonam Sharma	PhD, NET, MTM, M.Com	Assistant Professor	Service Marketing, Tourism Management	05 Years	NIL
Rakesh Sharma	MBA-H&T, NET-JRF	Assistant Professor till 31-07-2016	Research Methodology, Tourism Marketing	02 Years	NIL
Ravinder Singh	MBA-Marketing & Finance	Assistant Professor joined 07-09-2016	Marketing & Finance	NIL	NIL
Manjeet Singh	MTM, UGC-NET	Assistant Professor	Travel Agency & Tour Operation Management	01- Years	NIL

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors: N/A

13. Percentage of classes taken by temporary faculty – programme-wise information:

Year	MBA –Tourism and Travel Management
2012	100 %
2013	33.33 %
2014	33.33 %
2015	33.33 %

14. Programme-wise Student Teacher Ratio:

Programme	Student-Teacher Ratio
MBA –Tourism and Travel Management	8:1
M.Phill - Ph.D Integrated	4:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Post	Nature	Sanctioned	Filled	Actual
Lower Division Clerk	Administrative			01

16. Research thrust areas recognized by funding agencies: **NA**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and \ grants received project-wise: **NA**

18. Inter-institutional collaborative projects and grants received **NA**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received**: NA**

20. Research facility / centre with**: NA**
State recognition
National recognition
International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies:
NA

22. Publications:
Number of papers published in peer reviewed journals (national / international) Monographs

Title	Journal Name	Page No., Vol. No.	Year of Publication	Author (s) Name	ISBN/ISN No.
Heritage and Conflict Management: Remapping Historical Spaces for Destination Tourability	Tourism Innovations: A Refereed Journal Of Indian Tourism Congress	Vol 2, No.1	2013	Deepak Raj Gupta and Zubair Ahmad	ISSN NO. 2278-8379.
Tourism Policy Formulations in India: A Strategic Review on the Retrospect and the Prospect	Excel India Publishers		2013	Deepak Raj Gupta and Zubair Ahmad	ISBN-978-93-82880-57-8
Mutations and Transformatios: The Contested Discourses In Contemporary Cultural Tourism	International Journal of Hospitality & Tourism Systems **Impact Factor – 2.575**	Volume 7, Issue 1	2014	Deepak Raj Gupta & Zubair Ahmed Dada	ISSN 0947-6250 Print

Evaluating the perceived cuisine image and its relationship with satisfaction and behavioural intention"	International Journal, A Journal on Hospitality and Tourism. AVAHAN 2013	Volume 1 Issue 1	2013	Dr. Amit Gangotia & Dr. Ramjit	ISSN 2347-4556
Impact of Cricket Stadium On Tourism Industry In Dharamshala, District Kangra, Himachal Pradesh (India)	IIHTS (International Transactions in Humanities and Social Sciences)	V4N2 July - Dec-2012 Issue.	2013	Dr. Amit Gangotia	Print ISSN-0975-3745, Online ISSN-2231-4725
Understanding Destination Branding in Tourism: A Review and Discussion	Tourism and Hospitality Industry: An Insight, Edited by Bansal, L.K. and Gautam, P.K. Neha Publishers & Distributors, New Delhi	Page no. 239-251	2013	Ranjeet Kumar Raman & Ghai. A	ISBN 978-93-80318-41-7
Empowering Tourism through Supranational Treaties - A case study of ASEAN	IIHTS International Transactions in Humanities & Social Sciences	V 5 N 1	2014	Rahul Thakur & Amit Gangotia	Print ISSN-0975-3745 Online ISSN - 2231-4725

23. Details of patents and income generated: **NA**

24. Areas of consultancy and income generated: **NA**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad: **NA**

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify):

Name	National committees	Editorial Boards
Prof. Deepak Raj Gupta	1. Member National Board of Hospitality Management & Tourism Management 2. SAP Expert Committee member for Uttarakhand – Hemwati Nandan Bhaugna Gharwal University & Pondichhery University	Editorial Board Member of International refereed journals– a) Tourism Spectrum b) Tourism Dimensions published by - Maharaja Agrasen University, Baddi (H.P.)
Dr. AmitGangotia	CDC Member of Airlines, Tourism & Hospitality Management, PTU	Review member of AVAHAN Journal ISSN 2347-4556, a Journal of hospitality and Tourism

27. Faculty recharging strategies:

- Dr. Amit Gangotia, Dr. Bharti Gupta, Mr. Ranjeet Kumar Raman undergone for GOC in 2013 organised by Academic Staff College, University of Jammu. Mr. Rahul Thakur - GOC in 2016

- Dr. Amit Gangotia and Mr. Rahul Thakur Attended 07 days workshop on Research Methodology organised by Maharaja Agersen University Baddi, H.P.

28. Student projects:
Percentage of students who have done in-house projects including inter-departmental projects: In-house projects

Course	Semester	Percentage
MEVS-475, Project work in lieu of Bouquet Course	4th	100%

- Percentage of students doing projects in collaboration with other universities / industry institute: **NA**

29. Awards / recognitions received at the national and international level by:
- Faculty

  Prof. Deepak Raj Gupta was awarded ***"Management Excellence Award"*** by Himachal Pradesh Commerce and Management Association in the year 2013.
- Doctoral / Post Doctoral Fellow
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any: **NA**

31. Code of ethics for research followed by the departments: Ethics followed through Board of Studies.

32. Student profile course-wise:

Name of the Programme	Applications received	Selected		Pass %	
		Male	Female	Male	Female
MBA –TTM 2012-14		13	03	100	100
MBA – TTM 2013-15		18	10	100	100
MBA – TTM 2014-16	**108 (2014-15) 562 (2015-16)**	10	14	100	100
Integrated M.Phil-Ph.D 2014-15	**24**	02	03	100	100
Integrated M.Phil-Ph.D 2015-16	**113**	02	03	100	100

33. Diversity of students – Name of the Course (refer to question no. 4)

Name of the Programme	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MBA– TTM 2012-14	0%	87.5%	12.5%	0%
MBA– TTM 2013-15	0%	100%	0%	0%
MBA– TTM 2014-16	4.16%	87.5%	8.33%	0%
Integrated M.Phil-Ph.D 2013-14	0%	20%	80%	0%
Integrated M.Phil-Ph.D 2014-15	0%	40%	60%	0%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Programme	NET / JRF	CATAGORY
MBA – TTM 2012-14	01	GEN
MBA – TTM 2013-15	02/01	03
MBA – TTM 2014-16	NIL	
Integrated M.Phil-Ph.D 2013-14	03 NET	02 GEN, 01 OBC
	02 NET JRF	01 GEN, 01 SC
Integrated M.Phil-Ph.D 2014-15	NIL	
2015-16	NET-02	01 GEN, 01 SC

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed	NA
Campus selection	
Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff Percentage of faculty

who are graduates of the same university	NIL
from other universities within the State	57 %
from universities from other States	43 %
from universities outside the country	NIL

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: **NA**

38. Present details of infrastructural facilities with regard to

Library	Internet Facilities for Staff and Students	Total number of class rooms	Classrooms with ICT facility	Students' laboratories	Research laboratories	No. of Books
Central Students Library	YES	04	02	02	NIL	501

39. List of doctoral, post-doctoral students and Research Associates: **13(Integrated M.Phil.-Ph.D)**

40. Number of post graduate students getting financial assistance from the university.
03 JRF, 10 Scholars are given scholarship as per rules.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Intensive exercise in curriculum development was done in the presence of external experts.

42. Does the department obtain feedback from:

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

1. **Intensive exercise for curriculum development, including external experts is a regular practice and the same is approved by Board of Studies and School Board.**
2. **By revising course content, introducing new papers, revision of internal assessment.**

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Curriculum has been developed systematically. Tourism experts gave their suggestions. On the basis of their feedback changes were made in the curriculum. Suggestions were invited for acquiring books for library and books were purchased accordingly. Professional trends were taken care of in developing the course structure.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?
Employers suggest the current trends in the Tourism industry. Their suggestions are incorporated in the syllabus for employment opportunities.

43. List the distinguished alumni of the department (maximum 10): **NA**

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

S.No.	Details
1	Interactive Session on Cutting edge Research in Tourism, Title of the Event : Interactive Session on Cutting edge Research in Tourism Date 15th January, 2014
2	Academia- Industry Interface Title of the Event : Entrepreneurs Interactive Session Date 11th January, 2014
3	World Tourism Day Title of the Event : World Tourism Day Date 15th November, 2013
4	Interactive Session Title of the Event : Prospects and Harsh Realities of Tourism Profession Date 6th November, 2013
5	Title of the Event : Destination Knowledge-World Wide and Visa Issues relating to tourism Date 21 – 22 November, 2013

45. List the teaching methods adopted by the faculty for different programmes.
The entire teaching faculty in the department extensively uses ICT enabled course material. The department is equipped with audio visual teaching aids, smart boards which are also used to teach students. Learner- centred activities like participative learning, interactive sessions, students' seminars, case studies, project work, assignments, problem solving exercises and field works are organised frequently

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
The MBA programme in Tourism and Travel Management is professional in nature. Summer Training, On the Job Training, dissertation, seminars and workshops are integral part of the syllabi. Faculty members guide the students and monitor their performance in these components of evaluation. Thus it is through arranging weekly interaction sessions that the performance of the students is monitored by the faculty in their respective subjects. The faculty in charge carefully monitors the regularity of attendance, participation in seminars/workshops and other activities and also the performance of students in internal tests & assignments, mid semester & end semester exams. Further the Department provides placement assistance to the students in the year 2014-15. 100% placements were provided in the following companies:

1. **IDH, Destination Management Pvt. Ltd.,**
2. **INDO-ASIA Tours Pvt. Ltd.**
3. **Holiday Links Pvt. Ltd.**
4. **D-Paul's Tour and Travel**
5. **ACD Travels**

47. Highlight the participation of students and faculty in extension activities. **NA**

48. Give details of "beyond syllabus scholarly activities" of the department.
Students participate in B2B exercise of International level i.e. The Great Indian Tourism Bazar (GITB) organised in association with FICCI every year.
Student participated in a 7 day "Tourism Immersion and Leadership Development Prog (TILDP) held in Manali (HP). Its a unique indicative to sensitize the students towards ground level realities of tourism.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **NA**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: **NA**

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	**Excellent Industry-Academia collaboration. Strengthening of Research & Resource pool of the department through MOU's with different stakeholders like IITTM Gwalior, IATO, CCI Competent faculty with excellent work experience and industry reach. Holistic development of the students by conducting regular workshops/events. Department equipped with modern technological aspects and pedagogies of modern teaching methodologies.**
Weaknesses	**Limitations of space due to the temporary campus of the University.**
Opportunities	**India's share in the global tourism market is less than 1% and which is bound to grow in coming years. India would be needing a huge pool of trained human resource to get its share of pie. This is a huge window of opportunity not only for the department but also for the university to play its role in developing this pool to compete with the global players and their standards.**
Challenges	**The department is just 04 years old while other universities running the same course are well established and have created a niche of their own. This poses a huge challenge for the department and every possible step would be taken to create a brand name for the department.**

52. Future plans of the department

The Department of Tourism and Travel Management (DTTM) aspires to evolve as a Centre of Excellence in the creation and disseminations of knowledge in tourism education, research and policy development.

EVALUATIVE REPORT OF DEPARTMENT

MARKETING AND SUPPLY CHAIN MANAGEMENT

1. Name of the Department: **Marketing and Supply Chain Management**

2. Year of establishment: **2016**

3. Is the Department part of a School/Faculty of the university?
Yes, School of Business Studies

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) **PG Programme**

5. Interdisciplinary programmes and departments involved
NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil

7. Details of programmes discontinued, if any, with reasons
Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Choice Based Credit System

9. Participation of the department in the courses offered by other departments
Yes

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	Nil	Nil
Associate Professors	2	Nil	Nil
Assistant Professors	4	4	4
Others	Nil	1	1 (on contract)

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No.of years of experience	No. of P.h.D/M.Phil. students guided for the last 4 years
Dr. Gaurav Sehgal	Ph. D Management	Associate Professor	Operations Management	12 Years	Nil
Dr. Shahid Mushtaq	Ph. D Business Administration	Assistant Professor	Marketing and HRM	08 Years	2
Dr. Naresh Kumar	Ph. D Management	Assistant Professor	Marketing and Finance	15 years	Nil
Dr. Anju Thapa	Ph. D Management	Assistant Professor	Marketing and HRM	Nil	Nil
Dr. Salil Seth	Ph. D Management	Assistant Professor	Marketing and HRM	1.5 years	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Nil

13. Percentage of classes taken by temporary faculty – programme-wise information
Nil

14. Programme-wise Student Teacher Ratio
9:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Post	Nature	Sanctioned	Filled	Actual
Lower Division Clerk	Administrative	01	Nil	01

16. Research thrust areas as recognized by major funding agencies
Supply Chain Management, Marketing Management.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. -
--1, UGC Major Research Project (Rs. 10.43 Lacs prerevised)

18. Inter-institutional collaborative projects and associated grants received

National collaboration	Nil
International collaboration	Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
NIL

20. Research facility / centre with

State Recognition	Nil
National Recognition	Nil
International Recognition	Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies
Nil

22. Publications:
Number of papers published in peer reviewed journals (national / international) Journals : **Dr. Gaurav Sehgal**

1. "Microfinance for SMEs: Prospects, Challenges & Implication", IJRCEM, Volume No. 1 (2011), Issue No. 4 (August), ISSN 2231-4245, pp. 37-43.
2. "Labor Force versus Population Growth rate – A Study of Unemployment in J&K State", IJRCM, Volume No. 2 (2011), Issue No. 8 (August), ISSN 0976-2183, pp. 24-27.
3. "Kissan Credit Card Scheme: A Case of Rajouri District in J&K State", Novel Corporation, 2011, ISBN: 978-81-906512-3-3, pp. 4-47.
4. "A Case of Labor Demand and Supply in Jammu and Kashmir State", Novel Corporation, 2011, ISBN: 978-81-906512-3-3, pp. 189-198.
5. "Factors affecting Quality of Work among women workers – A Case Study of Jammu based SME units", The Journal of Rural and Agricultural Research, Volume 12 (2012) Issue No. 1, June 2012, ISS No.: 0972-4370, pp.57-60.
6. "A Pragmatic Exploration of HRD Climate Practices in State and Central Universities", IJRCM, Volume No. 3 (2012), Issue No. 4 (April), ISSN 0976-2183, pp. 130-139.
7. "Tourist Satisfaction Level Towards Religious Tourism of Katra, J&K", Kanishka Publishers, 2012, ISBN 978-81-8457-370-1, pp. 203-216.
8. "Impact of Relationship Marketing on Customer Loyalty – A Case of Banking Sector", B-Digest Publications, 2012, ISBN 978-81-923976-1-0, pp. 462-470.
9. "Factors Affecting Information Technology Support in Supply Chain Management of SMEs in Jammu Based Units", Research Review - A Journal of Commerce & Management Association of India (CMAI), Vol. II, Feb. 2013, ISSN 2277-4033, pp. 66-76.
10. "Study of Environmental Characteristics Impact on Supply Chain Management Practices in

SMEs", Arth Anveshan, A Bi-annual Journal of College of Management, Shri Mata Vaishno Devi University, Volume 8, Number 1, 2013, ISSN: 0973-8193, pp. 29-40.

11. "Integrating Technological Infrastructure for Strengthening Agro Based SMEs – A Case of Jammu based Units",Madhya Pradesh Journal of Social Sciences, A Biannual Journal of M.P. Institute of Social Science Research, Ujjain, Vol. 18, No. 2, Dec. 2013, ISSN 0973-855X, pp. 49-67.
12. "Preparedness Strategies for Indian SMEs towards Recessionary Trends", Excellent Publishing House, 2014, ISBN 978-93-83083-69-5, pp. 105-107.
13. "Integrating Organizational Infrastructure for Strengthening Supply Chain Management Practices in SMEs – A Case of Jammu based Units", GRABS Educational Charitable Trust, 2014, ISBN: 978-81-929313-0-2, pp. 64-79.
14. "Corporate Governance in Globalized Business World: Role of Human Resource Management", GRABS Educational Charitable Trust, 2014, ISBN: 978-81-929313-1-9, pp. 41-46.
15. "Strategic Analysis of Rural Housing and SSI Schemes in Jammu and Kashmir State", GRABS Educational Charitable Trust, 2014, ISBN: 978-81-929313-1-9, pp. 47-50.
16. "Integrating Knowledge Portfolio's Across Environmental Characteristics For Strengthening Supply Chain Management Practices Across SMEs", Excel Books Private Limited, 2015, ISBN: 978-81-8323-141-1, pp. 523-533.
17. "Vinayaka Fabrics: The Journey Ahead", International Journal of Science Technology and Managemet, Vol. No. 4, Special Issue No. 01, November 2015, ISSN: 2394-1537, pp. 133-140.

Dr. Naresh Sharma

1. Business Ethics: Past, Present and Future in Researcher, A multi disciplinary Journal, University of Jammu, Volume 10, No 2 (2015) pp. 39-56 (ISSN Number 2278-9022)
2. Ethical Marketing as a tool for developing Customer Relations: An Empirical Analysis in International Journal on Customer Relations Volume 2, Issue 2 (2015) pp. 26-31 (ISSN Number:2320-7515)
3. Ethical Marketing Leadership: A Dyad Approach in International Journal on Leadership Volume 2, Issue 2 (2014) (ISSN Number:2321-1865)
4. Retail Industry in India: Contemporary Issues and Challenges in a book titled "Innovative Entrepreneurship to Minimise Carbon Footprints", Excellent Publishing House, Delhi. (ISBN-978-93-83083-69-5)
5. Ethics in Marketing: Contemporary Issues and Challenges in a book titled "Business Dynamics: Contemporary Issues and Challenges", Excel Books, Delhi. (ISBN- 978-93-5062-373-2)
6. Overcoming Dilemmas in Ethical Marketing: A new agenda for Corporate Social Responsibility in a book titled "Corporate Social Responsibility: Sustainable and Inclusive Growth", Bharti Publications, Delhi. (ISBN – 978-93-81212-50-9)
7. Ethical Dilemma and Marketing Decisions: A Case Analysis of Food Products in International Journal of Business Ethics in Developing Economies, Volume. 2, Issue 2 (2013), pp. 24-33. (ISSN Number: 2278-3172).
8. Promoting Religious and Heritage Sites of Jammu and Kashmir as Tourist Destinations: Issues in Strategic Planning and Future Options in a book titled "Tourism for Development: A Strategic Approach", Bharti Publications, Delhi, pp.390-400. (ISBN 978-93-81212-18-9)
9. Ethical Issues and Consumer Perception about Branded and Unbranded Milk Products: The Emerging Scenario in International Journal of Research in Computer Applications and Management, Volume. 2 (2012), pp.15-18 (ISSN 2231-1009)

10. Marketing of select Food Products: Ethical Practices and Consumer Sensitivity in International Journal of Research in Commerce and Management, Volume. 2 (2011), pp.75-78. (ISSN 0976-2183)

Dr. Anju Thapa

1. Paper titled "Information Orientation and Ethical Practices in Government Organisations: A Case of Health Sector" in the International journal of Research in Computer Application and Management, vol. 2, issue.2, 2012. ISSN- 2231-1009.
2. Paper titled "Role of E-Learning in Education: A Study of University of Jammu" in the International journal of Research in Commerce, IT and Management, Vol.-2, Issue-03, 2012, ISSN 2231-1009.
3. Paper titled "Knowledge Management Practices and Knowledge Sharing: A Study of University of Jammu" in the ABHINAV National Monthly Refereed Journal of Research in Commerce and Management, Volume: I Issue: IX, August 2012. ISSN 2277-1166.
4. Paper titled "Information Orientation among the employees of Telecom Sector: A Comparative Study" in the ABHINAV National Monthly Refereed Journal of Research in Commerce and Management, Volume: I Issue: VII, July 2012. ISSN 2277-1166.
5. Paper titled "Information Technology Assets and Organizational Competitiveness: A study in the banking sector" in the proceeding of National Conference on Roadmap for sustainable corporate growth in India.
6. Paper titled "Role of Information in selecting Tourist Destination: A conceptual study" in the proceedings of International conference on sustainable destination excellence: Innovation in alternative tourism (SDEIAT-2011), School of Hospitality and Tourism Management, University of Jammu. ISBN-978-81-909704-4-0.
7. Paper titled "Consumer Switching Behaviour: A Study of Shampoo Brands" in the ABHINAV National Monthly Refereed Journal of Research in Commerce and Management, Volume: I Issue: IX, August 2012. ISSN 2277-1166.
8. Paper titled "Retention and Satisfaction of Consumers: A Study of University of Jammu" in the International Journal of Research in Commerce, IT and Management, Vol-3, Issue-11, ISSN 2231-5756.
9. Paper titled "Student's Attitude towards Application of Statistics: A Study of University of Jammu" in the International Journal of Research in Commerce, IT and Management, vol. 2, issue. 3, 2012. ISSN 2231-5756.
10. Paper titled "Cyber Stalking: Crime and Challenge at the Cyberspace" in the International Journal of Engineering Sciences, vol. 4, 2011. ISSN-2229-6913.

Dr. Salil Seth

1. Seth, S. (2015). "Extending the role of HRM to accommodate Sustainable HRM and Environmental Ethics". Emerging Dimensions of Human Resource Management, Pg. 43-52. [ISBN: 978-93-84144-98-2]
2. Seth, S. & Khan, M.S. (2015). "Advocating and Infusing Ecocentrism among Gen-Y Employees Via Green Marketing". Managing Organisations of Tomorrow by Capitalising Generation Next. Vol.1, 2015, Ch.29, Pg. 310-316. [ISBN: 978-93-85000-01-0]
3. Seth, S. & Khan, M.S. (2014). "Contemplating Environmental Concerns via Green Marketing Interventions for a Sustainable World". International Business: The Emerging Global South and Asian Economic Order. Ch. 15. Pg. 200-212 [ISBN: 978-93-83842-80-3]

4. Seth, S. (2016). “Harnessing 'Multiplier Effect' To Magnify The Impact Of Social Media Marketing”. International Journal of Research (IJR). Vol. 03, Issue 11, July 2016. Pg. 997-1002. [ISSN: 2348-6848] [Impact factor: 3.541]
5. Seth.S. (2015). “Introspecting Green Marketing: Is it a Sustainable Solution Promoting Eco-centrism or just a fad?”. Journal GSD- Green & Sustainable Development. Vol. 2, Issue 16, August 2015, Pg.17-27. [ISSN: 2350-1464]
6. Seth.S. & Khan, M.S. (2015). “Accentuating Eco-centric Marketing Philosophy via Green Packaging”. Global Journal of Multidisciplinary Studies, Vol.4, Issue.09, August 2015, Pg. 24-29. [ISSN: 2348-0459] [Impact factor: 2.389]
7. Seth.S. & Khan, M.S. (2015). “Green Washing: Connotation of Green Marketing Communication”. MM- Journal of Management in Manufacturing & Services, Vol.2, Issue.15, August 2015, Pg. 18-27. [ISSN: 2350-1480]
8. Seth.S. (2015). “Strategizing Green Communication & Combating Green Washing via NGO Intervention”. Journal of Moti Lal Rastogi School of Management. Volume VIII, Number-2, July 2015 Issue, Pg. 8-9. [ISSN: 0974-4037]
9. Seth.S. (2015). “Combating Climatic Changes via Green Marketing”. Business & Management Quarterly Review. Volume 6, No.1, 2015. Pg.38-43. [ISSN: 2180-2777] [http://bmqruitm.blogspot.in/2015/02/vol6-no-1-2015-preview.html]
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11. Seth.S. (2015). “Green Manufacturing: Drivers & Challenges”. MM- Journal of Management in Manufacturing & Services, Vol.2, Issue.7, April 2015, Pg. 26-38. [ISSN: 2350-1480]
12. Seth, S. & Khan, M.S. (2015). “Collaborating Green Marketing with Environment Oriented Business Solutions”. International Journal of Research. Vol. 02, Issue 03, April 2015. Pg. 189-196. [e-ISSN: 2348-795X] [Impact factor: 3.541]
13. Seth.S. (2015). “Decoding the Spirit of Women Entrepreneurship & Its Hurdles”. Journal of Applied Research and Social Sciences, Vol.2, Issue.5, March, 2015, Pg. 43-49. [ISSN: 2350-1472]
14. Seth.S. (2015). “Green Marketing gets deceptive: Greenwashing as an emerging villain”. Journal GSD- Green & Sustainable Development. Vol. 2, No. 4, February 2015, Pg.10-16. [ISSN: 2350-1464]
15. Seth.S. (2015). “Aligning Business Profits with Science and Entertainment via 'Scienfotainment'”. Journal of Moti Lal Rastogi School of Management. Vol. VIII, No.-1, January 2015 issue, Pg.1-3. [ISSN: 0974-4037]
16. Seth, S. (2015). “Mainstreaming Generation Y for Holistic Business Management”. International Journal of Multidisciplinary Research and Development, Vol.2, Issue I, January 2015. Pg 423-426. [E-ISSN: 2349-4182 & P-ISSN: 2349-5979] [Impact factor: 3.762]
17. Seth, S. & Khan, M.S. (2015). “Green Marketing: Solving Dual Purpose of Marketing and Corporate Social Responsibility”. Arabian Group of Journals (AGJ), Management Studies and Economic Systems, Volume 1, Number 3, Winter 2015, Pg. 181-188. [ISSN: 2408-9583]
18. Seth,S. (2014). “Intellectual Capacity Building and Talent Management in the Healthcare Sector via Effective Leadership”. International Journal on Innovative Research & Development, Volume 3, Issue 6, June 2014. [ISSN: 2278-0211].
19. Seth, S. (2016). “Empowering Organizations via Knowledge Management and Information Technology”. National Seminar on Knowledge Management for Organizational Excellence in Present Scenario (NSKMOEPS- 2016) held at Moti Lal Rastogi School of Management, Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow on February 6, 2016. [ISBN: 978-194343897-6]

20. Seth, S. (2014). "Amalgamating Green Marketing with Environmental Engineering for Sustainable Development". International Conference on Recent Trends & Challenges in Civil Engineering held at Motilal Nehru National Institute of Technology (MNNIT), Allahabad on December, 2014. [ISBN: 978-93-80635-16-3]
21. Seth, S. & Khan, M.S. (2014). "Bio-centric approach for Infrastructural Development: Green Marketing as an Innovative & Sustainable Solution". National Conference on Geo-Environmental Issues and Sustainable Urban Development (GEN-2014) held at Motilal Nehru National Institute of Technology(MNNIT), Allahabad on October 11-12, 2014. [ISBN: 978-93-80635-15-6]
22. Seth, S. & Khan, M.S. (2014). "Strengthening Business Sustainability Indices By Innovative Green Human Resource Tactics: A Multiple Organizational Case Study Approach". Amity International Conference on Management held at Amity University, Lucknow on 14 February, 2014. [ISBN: 978-81-927441-0-0]

Dr. Shahid Mushtaq

1. Azmi, F. T. & Mushtaq, S. (2015). Role of line managers in HRM: Empirical evidences from India. ***International Journal of Human Resource Management***, **26(5), 616-639. Taylor and** Francis (**DOI:** 10.1080/09585192.2014.934883).
2. Aima, A. Harkar, M. & Mushtaq, S. (2013). Leadership Pipeline Development: A case study of Select Banks in India. ***Third Eye: Business Review***
3. Azmi, F. T. & Mushtaq, S. (2013). Assessing the role of internal and external agents in HRM: Scale development and validation. ***South Asian Journal of Management***, 20(3), 74-102, EBSCO
4. Azmi, F. T. & Mushtaq, S. (2010). Charting the devolution landscape: Rhetoric and reality ***Integral Review A Journal of Management***, 3(1), 3-20. **ISSN : 0974-8032**
5. Raina, D. & Mushtaq, S. (2011). Traffic Management: A Social Concern. ***Interdisciplinary Journal of Contemporary Research in Business***, **CABELL's-USA**, 3(1), 137-147. **ISSN 2073-7122**
6. Aima, A. & Mushtaq, S. (2015). *Contemporary Issues in People Management.* New Delhi, Bharti Publication

23. Details of patents and income generated
Nil

24. Areas of consultancy and income generated
Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad
Nil

26. Faculty serving in
a) National committees
b) International committees
c) Editorial Boards Editorial member for "International Journal of Hospitality Administration and Management" (IJHAM); ISSN:2248-9916
d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

✔ **Dr. Gaurav Sehgal**

- Participated in AICTE Sponsored National Seminar at SMVD University, Katra (Feb 27-28, 2009).
- Participated in the AICTE Sponsored Faculty Training Programme on Applied Econometrics for Management Research at SMVD University, Katra (July 10-23, 2009).
  Presented Paper in International Conference at University of Jammu organized by The Business School (Feb 24-25, 2010).
- Presented Paper in National Level Conference on Tourism at University of Jammu organized by The Business School (March 5-6, 2010).
- Presented Two Papers in National Seminar at BGSB University, Rajouri, J&K State (April 5-6, 2010).
- Participated in the Workshop on use of PASW organized by IITM-Gwalior in technical collaboration with SPSS (Aug 18-21, 2010).
- Presented Three Papers in Planning Commission of India Sponsored National Seminar at Kanyakumari (July 15-16, 2011).
- Presented Paper in 53rd Annual Conference of Indian Society of Labor Economics organized by Mohanlal Sukadia University, Udaipur, Rajasthan (Dec 17-19, 2011).
- Presented Paper in International Level Conference on Tourism at University of Jammu organized by The Business School (March 2-3, 2012).
- Presented Paper in National Level Seminar in Value Chain Management at SMVD University, Katra (Sept 1, 2012).
- Participated in the Faculty Development Program on "Scholarly Writing and Case Analysis" organized by the Department of Human Resource Management & OB, Central University of Jammu (Nov 18-20, 2012).
- Participated in the National Workshop on "Scholarly Writing and Plagiarism: Key Concerns" organized by the Department of Human Resource Management & OB, Central University of Jammu (October 29-31, 2014).
- Participated in the two day Workshop on "Wireless and Computer Networks" organized by the National Knowledge Network, BGSB University, Rajouri (Feb 27-28, 2015).
- Participated in the 7 Days National Workshop on "Research Methodology for Management and Statistical Analysis using IBM SPSS Statistics 22.0" organized by ITM School of Management, ITM University, Gwalior. In technical collaboration with SPSS (8-14 December, 2014).
- Participated in the three days "2nd National Case Writing Workshop" organized by the School of Business, Lovely Faculty of Business and Arts, Lovely Professional University (Jul 09-11, 2015).
- Presented Paper in the National Seminar on "Restoring Cultural Linkages – The Silk Route Connection to Destination Marketing" organized by the Department of Tourism and Travel Management, Central University of Jammu (Mar 30-31, 2013).
- Presented two Paper in the National Conference on "Global Achievements and Futuristic Trends in Management" organized by Faculty of Management, Chandigarh Group of Colleges, Jhanjeri, Mohali (Mar 27-28, 2014).
- Presented Paper in 4th International Conference on "Innovative Entrepreneurship to Minimize Carbon Footprints" organized by Maharaja Surajmal Institute, New Delhi (Apr 19, 2014).

- Presented one Paper in the National Conference on "Recent Innovations and Advancements in Information Technology" organized by Department of Information Technology, BGSB University (26-27 November, 2014).
- Delivered Four Lectures on various Entrepreneurial topics as Resource Faculty for EDP Workshop organized By School of Management Studies, BGSBU & KVIB Rajouri (June 08-19, 2009).
- Delivered Lectures on various Techno-managerial and general Management as Resource Faculty for MES Installations of J&K State, organized by EDC, New Delhi (a unit of Planning Commission of India) (Dec 19-23, 2011).
- Delivered Lectures on various Techno-managerial and general Management as Resource Faculty for MES Installations of J&K State, organized by EDC, New Delhi (a unit of Planning Commission of India) (Jan 16-20, 2012).
- Delivered Lectures on various Techno-managerial and general Management as Resource Faculty for Zila Parishad, Annupur, Madhya Pradesh, organized by EDC, New Delhi (a unit of Planning Commission of India) (2012).
- Delivered One Lecture on Career Counseling as Resource Faculty in the Training Programme to Officers of Employment Department J&K State at J&K Institute of Management, Public Administration & Rural Development (IMPA), Jammu (Jan 26, 2012).
- Delivered Two Lectures on Project Management as Resource Faculty in the Foundation Course for Junior Scale JKAS Probationers, Batch-2010 at J&K Institute of Management, Public Administration & Rural Development (IMPA), Jammu (Apr 3-4, 2012).
- Delivered One Lecture on "Skills With People" at the Conference / Workshop of Postmasters / BPMs of Rajouri & Poonch, Organized by the Office of the Postmaster General J&K State (Feb 24, 2013).
- Delivered One Lecture on "Research Methodology with SPSS" in the Short Term Course on Research Methodology" organized by School of Management Studies, BGSB University in technical collaboration with Central University of Jammu and sponsored by Indian Council of Social Science Research (9th June 2013).
- Delivered Four Lectures on "Advanced Research Methodology with SPSS/AMOS" in the Workshop on "Statistical Analysis using AMOS" organized by Department of HRM & OB, Central University of Jammu (22-25 May 2015).
- Attended Refresher Course in Management Stream organized by Academic Staff College, University of Jammu, J&K State and obtained 'A' Grade (Mar 3-23, 2010).
- Attended General Orientation Course organized by Academic Staff College, University of Jammu, J&K State and obtained 'A' Grade (May 30 – June 26, 2012).

✔ **Dr. Anju Thapa**

- Attended 15 National and International conferences and presented papers.

✔ **Dr. Naresh Sharma**

- Attended 17 National and International conferences and presented papers.

✔ **Dr. Salil Seth**

- Attended 26 National and International conferences and presented papers.

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards /recognitions received at the national and international level by Faculty –

- Faculty -----**NIL**
- Doctoral / post doctoral fellows -----**NIL**

Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any. **NIL**

31. Code of ethics for research followed by the departments **NA**

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	Female	Male	Female
MBA (Supply Chain Management)	156	21	08	--	--

33. Diversity of students :

Name of the Programme	**% of students from same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from outside other countries**
MBA(Supply Chain Management)	NIL	93%	07%	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NIL**

35. Student Progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil	NIL
PG to Ph.D	NIL
Ph.D to Post-Doctoral	NA
Employed • Campus selection Other than Campus selection	
Entrepreneurs	

36. Diversity of Staff

Percentage of faculty who are graduates of the same university	
from other universities within the State	75%
from universities from other States from	25%
universities outside the country	NIL

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period **Nil**

38. Present details of departmental infrastructural facilities with regard to
a) Library – Central Library
b) Internet facilities for staff and students –**Yes**. 0**2 Common Computer Labs with Internet Facilities**
c) Total number of class rooms ---**1**
d) Class rooms with ICT facility ----**NIL**
e) Students' laboratories ----**NIL**
f) Research laboratories ----**NIL**

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	NA
From other institutions/universities	NA

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
NA

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback?	-	Yes, feedback is taken on regular basis and is utilized for upgradation
Students on staff, curriculum and teaching learning-evaluation and how does the department utilize the feedback?	-	Yes, the department takes regular feedback and utilizes it for improvement
Alumni and employers on the programmes offered and how does the department utilize the feedback?		Since it is the first batch therefore University policy shall be followed as and when applicable

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.
- **Using Projectors,**
- **Using Smart Boards,**
- **Seminars & presentations**
- **Case Studies**
- **Group Discussions/Brainstorming Sessions**
- **Quizzes**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- **To monitor the aim and objectives, the department conducts monthly assignment tests and conveys shortcomings to the students so that they may further improve it.**

47. Highlight the participation of students and faculty in extension activities.
Participated in Case Study Analysis / Presentation in 'Prastuti-16' organized by IIT Kanpur and attained 4th position out of 10 teams participating from across India.

48. Give details of "beyond syllabus scholarly activities" of the department.

Idea Club Activities (Innovation-Development-Enthusiam-Application)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
Nil

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
Nil

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Good Academic Results; Qualified Young and energetic faculty; More Emphasis on Research Work.

Weakness:

Infrastructural Extra Curricular Activities

Opportunities:

Student support system and mentoring process can be strengthened, Placements in reputed Companies, Creating strong industrial academia interface for collaborating Research;

Challenges:

Placements in reputed Companies; Use of Open source technology to the fullest (Cost effective);

52. Future plans of the department.

- **Apart from Master Degree Programme in Marketing and Supply Chain Management, Department intends to start Doctoral programme in Marketing and Supply Chain Management. It is also planned to start Certificate course in Logistics and Supply Chain Management duly accredited by the respective Industry.**

EVALUATIVE REPORT OF DEPARTMENT

COMPUTER SCIENCE & INFORMATION TECHNOLOGY

1. Name of the Department: **Computer Science & Information Technology**

2. Year of establishment: **2012**

3. Is the Department part of a School/Faculty of the university?
Yes, the Department is part of School of Basic and Applied Sciences

4. Names of Programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D.,etc.):

S.No.	Programme	Duration	Nature	Intake
1	**Integrated M.Sc.(Computer Science) MCA**	04 Semesters for MSc. 06 Semesters for MCA	Fulltime	30
2	**M.Tech**	2 Year	Fulltime	24
3	**Ph.D.**	3 Year	Fulltime	5

5. Interdisciplinary courses and departments involved:

S.No.	Programme	Semester	Department
1	Fundamental Of Computers	1st	English, Economics, Environmental Sciences
2	Advanced computer concepts	2nd	Mathematics
3	E-commerce	3rd	Mathematics
4	Information Security and Cyber Law	4th	
5	Fundamental of Computers	3rd (CBCS)	

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**

7. Details of programmes / courses discontinued, if any, with reasons:
PG Programme-Integrated M.Sc. (Computer Science) - MCA discontinued w.ef July 2016 as the department started M.Tech in Computer Science

8. Examination System Annual/ Semester/Choice Based Credit System:

S.No.	Programme	Mode
1.	PG, Integrated M.Sc.(Computer Science)-MCA	Semester based CBCS 2015 onwards
2.	M.Tech	Semester based CBCS 2016 onwards

9. Participation of the department in the courses offered by other departments:

S.No.	Class	Semester	Course Title	Departments Involved
1.	MCA	6TH	ICT & Tourism	Department of Tourism and Travel Management
2.	M.Sc.(Computer Science)-MCA	4TH	E-Government	Department of Public Policy & Public Administration
3.	M.Sc.(Computer Science)-MCA	2ND	Managerial Skills And Effective Communication	Department of HRM & OB
4.	M.Sc.(Computer Science)-MCA	1ST	English For Specific Purposes	Department of English
5.	M.Sc.(Computer Science)-MCA	3RD	Basic Linear Algebra	Department of Mathematics
6.	MCA	5TH	Entrepreneurship Development In Tourism	Department of Tourism and Travel Management
7.	MCA	5TH	Human Resource Management	Department of HRM & OB
8.	M.Sc.(Computer Science)-MCA	2ND	Business Ethics and Business environment	Department of HRM & OB
9.	M.Sc.(Computer Science)-MCA	2ND	Statistics	Department of Mathematics
10.	MCA	3RD	India and Indian Ocean	Department of National Security Studies
11.	M.Sc.(Computer Science)-MCA	4TH	Human Rights	Department of Public Policy & Public Administration
12.	M.Sc.	3RD	1. Money, banking & Finance 2. Local Governance in India	Economics PPPA
13.	MCA	5TH	Online Communication	Department of Mass Communication & New Media

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors/Others)

Teaching post	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	01	01	
Associate Professors	02	VACANT	
Asst. Professors	04	04	
Others		03	Contractual Faculty

11. Faculty profile with name, qualification, designation and specialization, experience and research guidance:

Name	Qualification	Designation	Specialization	No. Of Years of Experience	No.of Ph.D. students
Prof. Devanand	Ph.D	Dean, Head of the Department	Simulation, Operation Research	34 Years	06 Ph.D
Dr. Bhavna Arora	Ph.D	Assistant Professor	Network security, Databases	18 Years	**NIL**
Mr. Arvind Selwal	M.Tech., UGC-NET Ph.D Pursuing	Assistant Professor	Bio-metrics, Advanced Database	12 Years	**NIL**
Mr. Neerendra Kumar (On Study Leave)	MCA,UGC-NET	Assistant Professor	Robotics, Computer Programming	09 Years	**NIL**
Dr. Deepti Malhotra	Ph.D	Assistant Professor	Grid computing, Theory of Computation	05 Years	**NIL**
Dr. Namita Singh	Ph.D	Assistant Professor	E-learning, Operating system	06 Years	**NIL**
Dr. Preeti Dubey	Ph.D	Assistant Professor	Natural Language Processing, Artificial Intelligence	04 Years	NIL
Ms. Rohini Mahajan	M.Tech, (CSE) UGC-NET	Assistant Professor till Aug. 2016	ANN, Image Processing	02 Years	**NIL**

Rakesh Kumar	MCA, NET, SET, Ph.D (Pursuing)	Assistant Professor	Information	04 Years in Research (Pursuing)	NA

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors: **NIL**

13. Percentage of classes taken by temporary faculty – programme-wise information:

Year	PG, Integrated M.Sc.(Computer Science)-MCA
2012	100 %
2013	33.33 %
2014	28.57 %
2015-16	28.57 %

14. Programme-wise Student Teacher Ratio:

Programme	Student-Teacher Ratio
PG, Integrated M.Sc.(Computer Science) - MCA	90 students/7 faculty =13
M.Tech	4:1
Ph.D	4 Students / 3 Faculty

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Post	Nature	Sanctioned	Filled	Actual
Lower Division Clerk	Administrative	01		01

16. Research thrust areas recognized by funding agencies: **NIL**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise:
UGC-BSR Research Start-up grant @ Rs. 6.00 lacs (Dr. Bhavna Arora)

18. Inter-institutional collaborative projects and grants received: **NIL**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received:
1. ***UGC-BSR Research Start-up grant @ Rs. 6.00 lacs (Dr. Bhavna Arora)***

20. Research facility / centre with: **NIL**
State recognition
National recognition
International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: **NIL**

22. Publications : Number of papers published in peer reviewed journals (national / international) Monographs

Journals (National/International)

1. Dr. Devanand

A. Journals:

Year 2014

1. Challenges involved in Adding a New Team to an Ongoing Cloud Based Distributed Project, **International Journal of Advanced Research in Computer Science and Software Engineering**,Vol. 4,Issue No. 2(Co-authored)

Year 2013

2. Robust Ramp Metering Design using Sliding Mode Control of a Hybrid Dynamical Model with Functional Uncertainties, **International Journal of Advanced Research in Computer and Communication Engineering** (IJARCCE), Vol. 2,Issue No. 8
3. Selection of Application Specific Garbage Collector in Client Class, **International Journal of Advanced Research in Computer Science and Software Engineering** (IJARCSSE), Vol. 3,Issue No. 8
4. Watermark, Hardware Parameters and License Key: An Integrated Approach of Software Protection, **International Journal of Advanced Research in Computer Science and Software Engineering** (IJARCSSE), Vol. 3,Issue No. 5
5. A survey on Data Mining: Tools, Techniques, Application, Trends and Issues, **International Journal of Scientific and Engineering Research**(IJSER),Vol. 4, Issue No. 3
6. Robust Hybrid Feedback Control Design for Ramp Metering using Sliding Mode Control, **International Journal of Advanced Research in Computer Science**, Vol. 4,Issue No. 9

Year 2012

7. Framework for Job Schedulng in Grid Environment, **International Journal of Computer Applications(IJCA) Vol. 38,Issue No.7**
8. Simulation of MJ_CDTmin Based Scheduling Algorithm in Grid Environment, **International Journal of Computer Applications(IJCA),Vol. 42,Issue No.11**
9. Evaluating Effectiveness of e-learning initiatives in Higher Education Institutions: J&K, **International Journal of Computer Science and Technology (IJCST), Vol. 3. Issue No. 1**
10. Proposed Framework to Initiate Open Source e-learning in J&K, **International Journal of Computer Science and Technology (IJCST), Vol. 3. Issue No. 1**
11. RAID Dependent Performance on Storage & Retrieval of digital Forensics Meta Data files with Different File systems, **International Journal of Computer Science and Telecommunications (IJCST), Vol. 3. Issue No. 7**

B. Conferences:

Year 2013

1. Machine Translation System for Hindi-Dogri Language Pair, **IEEE International Conference on Machine Intelligent & Research Advancement**, SMVDU.

Year 2012

2. Effective storage and Retrieval Performance of Digital Forensics Meta Data, **6th National Conference INDIACom-2012**, New Delhi.

2. Dr. Bhavna Arora, Assistant Professor

A) Journal Publications

1. *The Cyber Warfare and Cyber Security Dynamics,* Arora, Bhavna; International Journal of Scientific and Technical Advancements, pp-249-251,September 2015.ISSN-2454-152

2. *A Threat Model Approach for Classification of Network Layer Attacks in WSN*. Arora, Bhavna; International Journal of Computer Applications, Vol. 63 No.9,pp 5-10, February 2013. Published by Foundation of Computer Science, New York, USA. ISSN-0975-8887

3. *Role of Key Management for Detection of Malicious Nodes in Wireless Sensor Networks*. Arora, Bhavna; International Journal of Computing Science and Communication Technologies-"TECHNIA" January 2013,Vol. 5,Issue No.2,pp 842-846 ISSN-0974-3375

4. *Security Schemes for Data Aggregation in Wireless Sensor Networks*. Arora, Bhavna; PCTE Journal of Computer Sciences, July-Dec 2012. Vol 8 Issue No. 2,pp 48-52 ISSN-0973 – 4058

5. *An Approach for Residual Energy Based Aggregator Selection for Data Aggregation in Wireless Sensor Networks*. Arora, Bhavna; International Proceedings of Computer Science & Information Technology Journal. May 2012,Vol 40,pp-127-131.
This paper was presented in "2012 4TH International Conference on Computer Engineering and Technology (ICCET 2012)". The conference was sponsored by IACSIT, co-sponsored by Singapore Institute of Electronics (SIE) and held at Phuket, Thailand on May 27-28th 2012. ISBN-978-981-07-2152,ISSN-2010-460X.
The grant to attend the conference was sanctioned by Department of Science & Technology, New Delhi.

International Conferences

5. *Information Warfare: the Emerging Threat to Digital Economy*. Arora, Bhavna: published in proceeding of 8th International Conference on Advanced Computing & Communication Technologies (ICACCT-2014)organized in association with IETE & TECHNIA: International Journal, and Technically Co-sponsored by Computer Society Chapter IEEE Delhi Section at Asia Pacific Institute of Information Technology SD India , Panipat -132103,Haryana,India ISBN:978-93-4935-00-9

6. *Threat Model and Attacks in Wireless Sensor Networks*.Arora, Bhavna; presented at and published in proceedings of 7th International Conference on Advanced Computing and Communication Technologies (ICACCT™-2013) organized in association with INDERSCIENCE Publishers, UK, IETE and Technically Co-sponsored by Computer Society Chapter IEEE, Delhi Section at Asia Pacific Institute of Information Technology SD India, Panipat (Haryana) on 16th November 2013.Vol 1.pp-312-316. ISBN:978-93-83083-38-1

7. *Key Management in Malicious Node Detection in Wireless Sensor Networks (WSN).*Arora, Bhavna; presented at and published in proceedings of 6th International Conference on Advanced Computing

and Communication Technologies (ICACCT-2012) sponsored by IEEE Computer Society Chapter Delhi Section and IETE-India, held at Asia Pacific Institute of Information Technology SD India, Panipat (Haryana) on 3rd November 2012.Vol 3.pp 14-18. ISBN-978-93-8206-29-1

8. *Network security issues: approaches and algorithms*. Arora Bhavna, published in proceeding of 8th "International Conference on Upcoming Trends in IT", ICUTIT-2012 held at PCTE(Punjab College of Technical Education) , Ludhiana held on 24th March 2012.pp-137-140

3. Arvind Selwal, Assistant Professor

Research Publications

1. *Arvid Selwal, J. Surender, S. S. Yashwant :"**A Decision Support System for Industry based upon Multivariate Spatial Outlier Detection Techniques**"* Science Direct Procedia, ***Elsevier, Procedia Technology 4 (2012) pp.401 – 40,*** *ISSN 09743375.*
2. ***Surender Singh, Arvind Selwal, Yashwant Singh* :"Low Overhead Time Coordinated Check pointing Algorithm for Mobile Distributed Systems", *Springer Link***(Computer Networks & Communications), Volume 131, 2013, pp 173-182, Online ISBN 978-1-4614-6154-8.
3. Arvind Selwal et.al.: ***"An Empirical Proposal towards the Algorithmic Approach and Pattern in Web Mining for Assorted Applications", International Journal of Innovative Research in Computer and Communication Engineering, Vol. 1, Issue 2, April2013, ISSN (Print) : 2320 –9798ISSN (Online): 2320–9801.***
4. Payal Joshi, **Arvind Selwal,** Anuradha Sharma:"***An Effective Algorithmic Approach For Fitness Function in Clustering", International Journal of Computing and Corporate Research ,Volume-3, Issue3, May2013.***

4. Dr. Deepti Malhotra, Assistant Professor

National/International Journals

Year 2013

1. ***A Minimum Execution Time Job Scheduling Algorithms in Simulated Grid Environment*** at International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE) with Impact factor 2.08 Vol3, Issue 12, December 2013, ISSN:2277 128X.
2. **Minimum CDT Based Scheduling Algorithm Versus FCFS in Grid Environment** at International Journal of Computer Applications (IJCA 0975-8887), with ***Impact factor 0.835,*** Vol 68, April 2013**. [Published] .**
3. **SCH_ACR and SCH_LD Based Job Scheduling Algorithm in Grid Environment** at International Journal of Computer Applications (IJCA 0975-8887), with ***Impact factor 0.835,*** Vol 64, page35-41, February 2013**. [Published]**

Year 2012

4. **Simulation of MJ_CDTmin Based Scheduling Algorithms in Grid Environment** at International Journal of Computer Applications (IJCA), with ***Impact factor 0.835,***Vol 43, page24-29,March 2012**. [Published].**
5. **FrameWork for Job Scheduling in Grid Environment,** at International Journal of Computer Applications (IJCA),Vol 38,page42-48,January 2012**.[Published]**

23. Details of patents and income generated: **NIL**

5. Rakesh Kumar

A. Publication in Journal

1. **"**Query Optimization: Solution for low recall problem in Hindi Language IR--Revisited with Experimental Results and Analysis" by Kumar Sourabh, Vibhakar Mansotra, Rakesh kumar published in LANGUAGE IN INDIA Strength for Today and Bright Hope for Tomorrow Volume 13: 1 January 2013 ISSN 1930-2940.
2. "Applications of Stemming Algorithms in Information Retrieval- A Review**"** by Rakesh Kumar and Vibhakar Mansotra published in IJARCSSE, vol 6, issue2, Feb 2016. ISSN:2277 128X. pp. 418-423.
3. "Proposed Stemming Algorithm for Hindi Information Retrieval**"** by Anshu Sharma, Rakesh Kumar and Vibhakar Mansotrapublished inIJIRCCE, vol 4, Issue 6, June 2016, ISSN:2320-9801.pp. 11449-11455.

B. Publication & Presentation in Conferences

1. Research paper on **"**A first attempt to develop a Lexical resource for Dogri language: Dogri WorldNet using Hindi Word Net" by Rakesh Kumar, Vibhakar Mansotra and Tarseem Kumar published in IEEE's proceedings on "Computing for Sustainable Global Development (INDIACom), 2014 International Conference " on 5th– 7th March, 2014, organized by Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA) .ISBN: 978-93-80544-10-6, pg 575 – 578.
2. Presented a paper on "Influence of Morphology in Hindi web Information Retrieval" in 10th JK Science Congress on "Science and technology for Inclusive Development: A Way forward" organized by University of Jammu in collaboration with J&K State Council for Science and Technology , Govt. of J&k from 14th to 16th march, 2015.

Additional Information of Faculty Publications are given at Annexure 'I'

Workshop/Conferences attended

Workshops

1. Attended three days workshop on **"Introduction to Natural language Processing**" held from 7th Jan to 9th 2013 at Dogri Department, University of Jammu organized by Linguistic Data Consortium for Indian Languages (LDC-IL), Central Institute of Indian Languages
2. Attended two days workshop on "Computer Networking and Routing Protocols" held in Department of Computer Science and IT, University of Jammu in collaboration with *M/s Netlab Project Consultants private Ltd*. During 21st and 22nd Nov. 2014.

National Conferences

1. Attended five days international conferences on "**Innovations in Science & Technology for Inclusive Development**" held in Jammu University form Feb 3-7, 2014
2. Attended four days international conferences on **" BIG DATAANALYTICS(BDA-2014) held from Dec, 20-23 at Indian Institute of technology(IIT), New Delhi**

24. Areas of consultancy and income generated: **NIL**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad: **NIL**

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify): **NIL**

27. Faculty recharging strategies:

- **Dr. Bhavna Arora and Dr. Deepti Malhotra attended General Orientation Course in 2014 organised by Academic Staff College of University Jammu.**
- **Dr. Bhavna Arora attended refresher course in December 2015.**

28. Student projects:
Percentage of students who have done in-house projects including inter-departmental projects: In-house projects

Course	Semester	Percentage
PG, Integrated M.Sc.(Computer Science)-MCA, Project work	**4th**	100%

Percentage of students doing projects in collaboration with other universities / industry / institute: **6th sem-100%**

29. Awards / recognitions received at the national and international level by: **01**

- Faculty -01 (Mr. Neereender Kumar, Assistant Professor has received Stipendium Hungarian International Scholarship for doing Ph.D from Obuda University, Budapest, Hungary)
- Doctoral / Post Doctoral Fellow
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any: **NIL**

31. Code of ethics for research followed by the departments:
Norms have been set for avoiding plagiarism also the research proposals and academic activities are screened by experts.

32. Student profile course-wise:

Name of the Programme	Applications received	Selected		Pass %	
		Male	Female	Male	Female
M.Sc-MCA 2012-15				100	100
M.Sc-MCA 2013-16		07	10		
M.Sc-MCA 2014-17	165	12	15		
M.Sc-MCA 2015-18		11	20		

33. Diversity of students – **3% of the students hail from Universities outside the state. 97% of the students are from different Universities within the state.**

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise: **NIL**

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NIL
PG to M.Phil.	NIL
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	NIL
Campus selection	10
Other than campus recruitment	10
Entrepreneurs	

36. Diversity of Staff Percentage of faculty :

who are graduates of the same university	NIL
from other universities within the State	60%(3/5)Permanent Faculty
from universities from other States	40 %
from universities outside the country	NIL

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: **NIL**

38. Present details of infrastructural facilities with regard to

Library	Internet Facilities for Staff and Students	Total number of cla ss rooms	Classrooms with ICT facility	Students' laboratories	Research laboratories	No. of Books
Central Students Library	**YES**	**03**	**02**	**02**	**NIL**	157 (2015-16)

39. List of doctoral, post-doctoral students and Research Associates: **NIL**

40. Number of post graduate students getting financial assistance from the university. **NIL**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Intensive exercise in curriculum development was done in the presence of external experts.

42. Does the department obtain feedback from:

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
The faculty reviews the syllabi after teaching a particular syllabi in the semester. It discusses with other colleagues and finally holds staff meetings to rationalise the thoughts. The feedback as such is placed before external experts for discussion and is approved, the syllabi is changed accordingly.

1. Intensive exercise in curriculum development was done in the presence of external experts. Department meetings and Board of Studies meetings held regularly to address the issue of Curriculum Development.
2. By revising course content, introducing new papers, revision of internal assessment.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Curriculum has been developed systematically. On the basis of the feedback received from experts, changes are made in the curriculum. Suggestions are invited for acquiring books for library and are purchased accordingly. Professional trends were taken care of in developing the course structure.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10): **NIL**

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

S.No.	Details
1	**State Level Seminar on "Networking Essentials" in Dec. 2012**
2	Regular Eminent Lecture Series for Students
3	Workshop on Essential Computing techniques Oct. 2014
4	**Three days Workshop on "Hardware and Networking" was organised in the month of April 8th - 10 th, 2015 for the faculty, and Students of the department.**
5.	Two days workshop on Android Applications, 2016

45. List the teaching methods adopted by the faculty for different programmes.
The entire teaching faculty in the department extensively uses ICT enabled course material. The department is equipped with audio visual teaching aids, smart boards which are also used to teach students. Learner- centred activities like participative learning, interactive sessions, students' seminars, case studies, project work, assignments, problem solving exercises are organised frequently.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
The faculty in charge carefully monitors the regularity of attendance, participation in seminars/workshops and other activities and also the performance of students in internal tests & assignments, mid semester & end semester exams. Regular interaction sessions with students through quizzes, seminars and discussions are also held.

47. Students and faculty have actively participated in the following extension activities :
- Udaan (Co-Curricular Development)
- Swachh Bharat
- Workshops
- Sports Meet
- Alumni Meet
- National Conference participation
- State level competitions

48. Give details of "beyond syllabus scholarly activities" of the department.
The students remain involved in constant interaction with the faculty. The teacher mentor guides the students on reviewing the performance of students after intervals and mid-term tests.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **NA**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
NA

51.Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	Good Academic Results; Highly Qualified Faculty; Intsensive Indusrial Training in the last semester through UDAAN, Most of the students are placed through UDAAN; Emphasis on Applied Research; Open to adapt New Technologies. Minor /Major Projects including Industrial Training for students of 4th & 6th semester
Weaknesses	**Limited Infrastructure**
Opportunities	MOU with the Universities/Industry (India/Abroad); Creating strong industrial academia interface for collaborating Research; Skill Development; Placements in reputed Companies; E-governance; Research Projects. Industrial Trips to be organized to make the students aware of the work environment and adapt to the needs and demands of the Industry. Conferences, workshops and seminars participation.
Challenges	Placements in reputed Companies; Use of Open source technology to the fullest(Cost effective matter); Curriculum to be at par with latest trends of the IT industry; Prepare students to be Industry ready; Set up Research Centre/Resource Centre. .

52. Future plans of the department

- **Plan to start New Courses.**
- **Establishing Centre of Excellence in Bio-Metrics, Cyber Lab, Grid Lab, NLP Lab.**
- **Set of Research Laboratories.**
- **Setting up of specialised labs as per curriculum.**

EVALUATIVE REPORT OF DEPARTMENT

MATHEMATICS

1. Name of the Department - **Mathematics**

2. Year of establishment - **2011**

3. Is the Department part of a School/Faculty of the university? **–Yes, School of Basic and Applied Sciences**

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) –**PG, Integrated M.Phil-Ph.D. Programme, Ph.D.**

5. Interdisciplinary programmes and departments involved --**NA**

6. Courses in collaboration with other universities, industries, foreign institutions, etc. -**NIL**

7. Details of programmes discontinued, if any, with reasons -- **Integrated M.Phil-Ph.D.**

8. Examination System : Annual/ ✔ **Semester**/Trimester/ ✔ **Choice Based Credit System**

9. Participation of the department in the courses offered by other departments-**Yes**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	**Filled**	**Actual (including CAS&MPS)**
Professor	1	Nil	1
Associate Professors	2	Nil	Nil
Asst. Professors	4	3	
Others	Nil	Nil	Nil

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	**Qualification**	**Designation**	**Specialization**	**No.of years of experience**	**No. of P.h.D/M.Phil. students guided**
Prof. S.D Sharma	Ph. D	Professor & Head	Operator Theory & Analytic Function Theory	36 years	05 Ph. D 04 M.Phil
Dr. Pavinder Singh	Ph. D	Assistant Professor	Commutative Algebra	07 years	01 M.Phil
Dr. Sanjay Kumar	Ph. D	Assistant Professor Till Nov., 2016	Complex Analysis & Operator Theory	06 years	02 M.Phil

Prof. S. D. Sharma

- Mehraj Ahmad Lone, MH Shahid, S.D. Sharma, Hemi-Slaut submanifolds of nearly kehler manifolds, Gulf Journal of Mathematics, 4(2016), 55-64

- Stević, Stevo; Sharma, Ajay K.; Sharma, S. D. Generalized integration operators from the space of integral transforms into Bloch-type spaces. J. Comput. Anal. Appl.14 (2012), no. 6, 1139–1147.

- Sharma, S. D.; Singh, Bhopinder; Kour, Kamaljeet Spectra of a compact weighted composition operator on CV0(X,E). Appl. Math. Sci. (Ruse)5 (2011), no. 37-40, 1839–1847.

- Stević, Stevo; Sharma, Ajay K.; Sharma, S. D. Weighted composition operators from weighted Bergman spaces to weighted-type spaces on the upper half-plane. Abstr. Appl. Anal.2011, .

- Sharma, S. D.; Sharma, Anshu Generalized integration operators from Bloch type spaces to weighted BMOA spaces. Demonstratio Math.44 (2011), no. 2, 373–390.

Dr. Pavinder Singh

- Singh, Pavinder Deficiently extremal Gorenstein algebras. Proc. Indian Acad. Sci. Math. Sci.121 (2011), no. 3, 259–265.

Dr. Deep Singh

- Singh, Deep; Bhaintwal, Maheshanand; Singh, Brajesh Kumar Constructions of q-ary functions with good global avalanche characteristics. Int. J. Comput. Math.92 (2015), no. 2, 266–276.

- Singh, Deep; Bhaintwal, Maheshanand; Singh, Brajesh Kumar Some results on q-ary bent functions. Int. J. Comput. Math.90 (2013), no. 9, 1761–1773.

Dr. Kamlesh Kumar

- Kumar, Kamlesh; Jain, Madhu Bi-level control of degraded machining system with two unreliable servers, multiple standbys, startup and vacation. Int. J. Oper. Res.21 (2014), no. 2, 123–142.

- Kumar, Kamlesh; Jain, Madhu Threshold N-policy for (M,m) degraded machining system with K-heterogeneous servers, standby switching failure and multiple vacations. Int. J. Math. Oper. Res.5 (2013), no. 4, 423–445.

- Kumar, Kamlesh; Jain, MadhuThreshold F-policy and N-policy for multi-component machining system with warm standbys , Journal of Industrial Engineering International, 9(28), 2013.
- **Dr. Sonica Anand :** Anand Soncia; on a congacture on linear systems, Proc. of mathematical sciences (Accepted)
- Kamlesh Kumar and Madhu Jain (2013): Controlling F-policy and Threshold N-policy for the Machine Repair System with Provision of Warm Standbys, *Elsevier Proceedings of International Conference on Information and Mathematical Sciences* (IMS-13), 24-26, October 2013, Bathinda, Punjab, ISBN No. 978-9382880-77-6, pp. 447-451.

Dr. Deep Singh	Ph. D	Assistant Professor	Cryptography (Abstract Algebra)	03 years	
Dr. Kamlesh Kumar	Ph.D	Assistant Professor	Queuing Modelling	02 years 9 Months	
Dr. Sonica Anand	Ph. D	Assistant Professor	Algebraic geometry	06 months	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors ---**NIL**

13. Percentage of classes taken by temporary faculty–programme-wise information - **50%**

14. Programme-wise Student Teacher Ratio --- **11:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual ----

Post	Nature	Sanctioned	Filled	Actual
Lower Division Clerk	Administrative	01		01

16. Research thrust areas as recognized by major funding agencies

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. ---**NIL**

18. Inter-institutional collaborative projects and associated grants received ----**NIL**

    a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. ----- 01 : DST-FIST Funded by DST (Received Amount of Rs. 54 lacs)

20. Research facility / centre with

- state recognition -----**NIL**
- national recognition -----**NIL**
- international recognition-----**NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies -----**NIL**

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

Journals : 14

- Kamlesh Kumar and Madhu Jain (2011): Bi-level Control Policy of Machining repair problem with Two Unreliable Servers, Multiple Standbys, *Proceedings of International Conference on Advances in Modeling, Optimization and Computing (AMOC-2011), 5-7 December, 2011, IIT Roorkee, Roorkee, ISBN No. 81-86224-71-2, pp. 1750-1761*

Dr. Sanjay Kumar

- Yongxin Gao, Kumar, Sanjay; Zhou, Ze-Hua, Order Bounded Weighted Composition Operators mapping into the Dirichlet type spaces, Chin. Ann. Math. 37(2016), no. 4, 585-594.

- Cheng, Yuan; Kumar, Sanjay; Zhou, Ze-Hua, Composition operators on Dirichlet spaces and Bloch space. Acta Math. Sin. (Engl. Ser.)30 (2014), no. 10, 1775–1784.

- Cheng, Yuan; Kumar, Sanjay; Zhou, Ze-Hua Weighted composition operators on Dirichlet-type spaces and related Qp spaces. Publ. Math. Debrecen80 (2012), no. 1-2, 79–88.

Conferences—

- **Deep Singh and Amit Paul**, "Cryptographically significant Boolean functions with good 4th order nonlinearity, in proceeding of International Conference in Recent Trends in engineering and material science (ICEMS-16) held during March 17-19, 2016.

- **Deep Singh and Amit Paul**, "Spectrum analysis of ternary functions based on their Walsh-Hadamard transform" in the Proc. International Conference on Modeling and Computing (ICMC-2014) held at BBAU- A Central University, Lucknow, during July 10-11, 2014.

- Monographs
- Chapters in Books

Edited Books

- Books with ISBN with details of publishers
- Number listed in International Database (For *e.g.* Web of Science, Scopus,
- Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Citation Index – range / average
  SNIP
- SJR
- Impact Factor – range / average
  h-index

23. Details of patents and income generated -----**NIL**

24. Areas of consultancy and income generated -----**NA**

25. Faculty selected nationally / **internationally** to visit other laboratories / institutions industries in India and abroad

- **Dr. Pavinder Singh visited University of Pau, France.**
- **Prof. S. D. Sharma visited University of Lagos, Nigeria.**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

- **Prof. S. D. Sharma as Regional Coordinator, Mathematical Olympiad, NBHM, Department of Atomic Energy**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

a) Dr. Kamlesh Kumar attended orientation Programme at ASC, Punjab University Chandigarh in Nov. Dec. 2016

b) Dr. Pavinder Singh attended orientation program at Academic Staff College, University of Jammu, Jammu.

c) Dr. Deep Singh Singh attended orientation program at Academic Staff College, University of Lucknow, Lucknow.

d) Dr. Pavinder Singh attended Refresher course at University During Dec., 2015

e) Dr. Deep Singh attended Refresher course at ASC, University of Lucknow in Dec., 2016

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects ----- 100%
- percentage of students doing projects in collaboration with other universities / industry / institute ----- **NIL**

29. Awards / recognitions received at the national and international level by

- Faculty -----**NIL**
- Doctoral / post doctoral fellows -----**NIL**
- Students
- **Mr. Sanjeev Kumar got First Prize at One Day Students' Conference organized by Jammu Mathematical Society, Jammu, 2012**
- **Mr. Mohinder Paul got Third Prize at One Day Students' Conference organized by Jammu Mathematical Society, Jammu, 2012**
- **Ms. Ruhi Manhas got First Prize at One Day Students' Conference Organized by Jammu Mathematical Society, Jammu, 2015**
- **Ms. Heena Saini got Second Prize at One Day Students' Conference Organized by Jammu Mathematical Society, Jammu, 2015**

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any. -----**Workshop - 01(Workshop in computational mathematics on Sage Math-an open source mathematics software, 25-26 March, 2016)**

31. Code of ethics for research followed by the departments -----**NA**

32.Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
MA/MSc Applied Mathematics (2016-18)		**16**	**15**		
MA/MSc Applied Mathematics (2015-17)		**10**	**15**		
MA/MSc Applied Mathematics (2014-16)		**07**	**22**		
MA/MSc Applied Mathematics (2013-15)		**06**	**21**		
MA/MSc Applied Mathematics (2012-14)		**15**	**12**		

33. Diversity of students

Name of the Programme	% of students from same university	% of students from other universities within the State	% of students from universities outside the State	% of students from outside other countries
M.A/M.Sc Applied Mathematics		99%	1%	
Integrated M.Phil-P.h.D		87%	13%	

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NIL**

35. Student progression

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil	NIL
PG to Ph.D	NIL
Ph.D to Post-Doctoral	NA
Employed ▪ Campus selection ▪ Other than Campus selection	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates of the same university	
from other universities within the State	50%
from universities from other States from	50%
universities outside the country	50%

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period --**Two**

38. Present details of departmental infrastructural facilities with regard to

a) Library – Central Library

b) Internet facilities for staff and students –**Yes. 02 Common Computer Labs with Internet Facilities**

c) Total number of class rooms ---**Two**

d) Class rooms with ICT facility ----**NIL**

e) Students' laboratories ----**One**
f) Research laboratories ----**NIL**
g) Books - 110 (2015-16)

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university ----**NA**

b) from other institutions/universities ----**NA**

40. Number of post graduate students getting financial assistance from university---- **NIL**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. ----**NA**

42. Does the department obtain feedback from

i. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? ----**NA**

ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? ----**NA**

iii. alumni and employers on the programmes offered and how does the department utilize the feedback? ----**NA**

43. List the distinguished alumni of the department (maximum 10)
a) MS Heena Saini, Student of M.Sc. Final Year 2016 has got invited by Govt. of India to participate in PM-Box during Republic Day Parade.

44. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts.

- Special Lectures by experts from outside the University
- Dr. A P Singh, Professor and Head, Department of Mathematics, Central University of Rajasthan
- Dr. Chanchal Kumar, Associate Professor, Indian Institute of Science Education and Research (IISER) Mohali
- Dr. Rajneesh Kumar, Professor and Head, Department of Mathematics, Kurukshetra University, Kurukshetra
- Professor B.K. Dass, Department of Mathematics, University of Delhi, Delhi
- Dr. Lalitsen Sharma, Associate Professor, Department of Computer Science and Information Technology, University of Jammu
- Prof. R.K. Sharma, Department of Mathematics, Indian Institute of Technology, New Delhi.
- Prof. Kapil Hari Paranjape, IISCER, Mohali
- Ms. Manjusha Joshi, Lead data scientist of Banetec, Pune
- Prof. S.S. Khare, N.E, Hill University, Shilong

45. List the teaching methods adopted by the faculty for different programmes.

- **Using Projectors,**
- **Using Smart Boards,**
- **Seminars & presentations**
- **Quizzes**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- **To monitor the aim and objectives, the department conducts monthly assignment tests and conveys shortcomings to the students for improvement.**

47. Highlight the participation of students and faculty in extension activities.

- The students and faculty participate in various extension activities conducted by the University on time to time e.g.

1. **Udaan**
2. **Swachh Bharat**
3. **Workshops**
4. **Sports Day**
5. **Alumni Day**

48. Give details of "beyond syllabus scholarly activities" of the department.

- **The scholars of the department participate in various workshops and seminars within and outside the State.**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

- Dr. Pavinder Singh attended orientation program at Academic Staff College, University of Jammu, Jammu.

- Dr. Deep Singh attended orientation program at Academic Staff College, University of Lucknow, Lucknow.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

- As the department is conducting Masters Degree Programme in Applied Mathematics, the students are made aware of various applications of mathematics in other discipline.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
Strengths: Good Academic Results; Qualified Young and energetic faculty;
More Emphasis on Research Work;
Weakness: Infrastructure is not upto the mark; Less interaction with Industry & other academic circles; set up of the department is temporary; Limited Equipments/resources provided;
Opportunities: Applied mathematics has relevance in other areas and job opportunities have increased.
Challenges: Placements in reputed Companies; Use of Open source technology to the fullest (Cost effective matter);

52. Future plans of the department.

- **Apart from Master Degree Programme in Applied Mathematics, Department of Mathematics intends to start Master Degree programme in Mathematics too.**

EVALUATIVE REPORT OF DEPARTMENT

PHYSICS & ASTRONOMICAL SCIENCES

1. Name of the Department: **Physics & Astronomical Sciences**

2. Year of establishment: **2016**

3. Is the Department part of a School/Faculty of the university?
Yes, the Department of **Physics & Astronomical Sciences** comes under the **School of Basic and Applied Sciences**.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
UG, PG, M. Phil., Ph.D

5. Interdisciplinary programmes and departments involved
Under the Choice Based Credit System scheme, many elective courses that are of interdisciplinary nature can be taken by the students from other departments.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil

7. Details of programmes discontinued, if any, with reasons
No programme is discontinued.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

9. Participation of the department in the courses offered by other departments
Contributing in teaching in the Department of Physics.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01		01
Associate Professors	02	00	00
Asst. Professors	04	00	
Others	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Refer to Annexure "B"

S.No	Name	Qualification	Designation	Specialization	Experience	No of Ph.D/M. Phil Students guided
1.	Prof. S.K. Khosa	Ph.D	Professor	Nuclear Physics	34yrs	17+18=35
2.	Dr. V.K. Bhat	Ph.D (Physics)	On lecture basis	Solid -State	30	Nil
3.	Dr. Nupur Sexsena	Ph.D (Physics)	On lecture basis	Solid -State		Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Nil

13. Percentage of classes taken by temporary faculty – programme-wise information
66%

14. Programme-wise Student Teacher Ratio
Programme: M.Sc. Physics

- 10 students per teacher.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
At present there is no technical supporting staff in the department and the university is in the process of recruiting the required academic supporting staff.

16. Research thrust areas as recognized by major funding agencies
Department of Science and Technology (DST) -Fast Track Young Scientist Scheme in following research areas:

i. **Solid-state physics**
ii. **Nuclear theory**
iii. **Advance Materials**

17. Number of faculty with ongoing projects from

National	Nil
International funding agencies	Nil
Total grants received. Give the names of the funding agencies, project title and grants received project-wise.	Nil

18. Inter-institutional collaborative projects and associated grants received

National collaboration	Nil
International collaboration	Nil

Since Department has been established w. e. f the academic session 2016-17, and positions of Permanent faculty members are very shortly going to be filled.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total rants received.

NIL

20. Research facility / centre with

State Recognition	*
National Recognition	*
International Recognition	*

***Note:** The department is in the process of setting up research labs on its own as well as through MoUs with research institutions, industry, National and International Universities for which due recognition/accreditation will be sought.

21. Special research laboratories sponsored by / created by industry or corporate bodies

The department is in the process of setting the special research laboratories.

22. Publications:

Number of papers published in peer reviewed journals (national / international)	97
Monographs	00
Chapters in Books *	00
Edited Books	00
Books with ISBN with details of publishers	00
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	*
SNIP	*
SJR	*
Impact Factor – range / average	*
h-index	*

*These are journal metrics for Elsevier Science journals. Since the number of articles published in different Elsevier Science journals is large, it is difficult to provide SNIP and SJR values for all the articles published in different journals.

Faculty wise Publications: Prof. S. K. Khosa

List of Research Publications

1. Deformation producing tendency of the like particle effective interactions in nuclei
   S.K. Khosa and S.K. Sharma, Phys. Rev. C 24 (1981) 2715(U.S.A)
2. Microscopic Description of Onset of Large Deformation in Neutron - rich Zr isotopes
   S.K.Khosa, P.N.Tripathi and S.K.Sharma, ICTP Miramare-Trieste- Italy (1981) 239. (ITALY)
3. Microscopic description of the large onset of deformations in the Zirconium region
   S.K. Khosa, P.N. Tripathi and S.K. Sharma, Phys. Lett. 119B (1982) 257 (NORTH HOLAND)
4. Backbending Anomaly in some neutron-rich Molybdenum isotopes
   P.N.Tripathi, S.K.Sharma and S.K. Khosa, Phys. Rev. C 29 (1984) 1951 (U.S.A)
5. Onset of Large-Deformation and the occurrence of Anomalous High Spin Yrast Spectra in the Zirconium region.
   S.K. Sharma, P.N.Tripathi and S.K. Khosa, Phys. Rev. C 38 (1988) 2935 (U.S.A)
6. Microscopic theory of backbending in some neutron-rich Palladium isotopes.
   S.K. Khosa and P.K. Mattu, Phys. Rev C 38 (1988) 1498 (U.S.A)
7. Microscopic study of High-Spin Yrast Spectra and Shape Transition in Doubly even Palladium isotopes

P.K. Mattu and S.K. Khosa, Phys. Rev. C 39 (1989) 2018 (U.S.A)

8. Calculation of Yrast Spectra in the doubly even Cadmium isotopes
P.K.Mattu and S.K.Khosa, Phys. Rev. C 43 (1991) 634 (U.S.A)
9. Microscopic study of Deformation systematics and Low-Lying Yrast Spectra in even-even Ruthenium isotopes
Arun Bharti and S.K. Khosa, Nucl. Phys. A572 (1994) 317-328 (NORTH HOLLAND)
10. Onset of Large Deformation .....High Spin Yrast Spectra in the Zr-Mo region
S.K. Sharma, P.N. Tripathi and S.K. Khosa, IAEA-ICTP-86-384 (1986) (ITALY)
11. E2 transition and Q_J+ systematics in even-mass Ruthenium isotopes
Arun Bharti, Rani Devi and S.K. Khosa, Journal of Phys.G: Nucl. Part. Phys. 20 (1994) 1231 (GREAT BRITAIN)
12. Dielectric studies of Lanthanum heptamolybdate crystal grown from gels
Sushma Bhat, S.K. Khosa, P.N. Kotru and R.P. Tandon
Materials Science and Engineering B30 (1995) 7 (U.S.A)
13. Dielectric Characteristics of gel-grown mixed neodymium-lanthanum-heptamolybdate crystals
S.Bhat, S.K. Khosa, P.N.Kotru and R.P. Tandon
Journal of Material Science, Letts. 14 (1995) 564 (U.K)
14. Dielectric Characteristics of Neodymium-Heptamolybdate crystals
S.Bhat, S.K. Khosa, P.N.Kotru and R.P. Tandon
Krist Und Technik 30 (1995) 267 (GERMANY)
15. E2 Transition and Q_J+ systematics in even-mass Tellurium isotopes
Rani Devi and S.K. Khosa, Journal of Z.Phys. A 354 (1996) 45 (GERMANY)
16. E2 transition and Q_J + systematics of even-mass Palladium nuclei
Arun Bharti and S.K. Khosa, Phys. Rev. C 53 (1996) 2528-32. (U.S.A)
17. Study of $^{108-112}$Ru in Non-axial Microscopic Framework
Rani Devi, Arti Pandoh and S.K. Khosa, Z. Phys. A 355 (1996) 389-395. (GERMANY)
18. ^{114}Ru in Axial and Non-axial Microscopic Frameworks
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Amita Dua, Arun Bharti and S.K. Khosa
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Arvind Bhat, Arun Bharti and S. K. Khosa
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66. Study on $^{222-226}$Th Isotopes in the Cranking framework Daya Ram, Rani Devi and S.K. Khosa Braz. J. Phys. 247 (2013) 43 (Brazil)
67 Projected shell model study of quasiparticle structure of arsenic isotopes
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69 Study of neutron-rich Mo isotopes by the projected shell model approach Gopal Krishan, Rawan Kumar, Rani Devi, S.K. Khosa Accepted for publication in Pramana J.of Physics (INDIA)
70 Band structure of odd-mass lanthanum nuclei
Deepti Sharma, Preeti Verma, Arun Bharti, and S. K. Khosa
Int. J. Mod. Phys. E 23, (2014) 1450020 (SINGAPORE)
71 A study of positive parity yrast bands of 230-240U and 236-242Pu nucleiSaiqa Sadiq, Daya Ram, Rani Devi and S.K. Khosa
Indian Journal of Physics, 899 (2015) 713 (INDIA)
72 Study of electromagnetic properties and structure of yrast bands in neutron-rich $^{70–76}$Zn isotopes
Ritu Chaudhary,N.K. Makhnotra, Rani Devi and S.K. Khosa Nucl. Phys. A 939 (2015) 1 (NORTH HOLLAND)
73 Quasi-particle structure of proton–hole cobalt isotopes
Anuradha Gupta, Preeti Verma, Suram Singh, Arun Bharti, S.K. Khosa,
G.H. Bhat, J.A. Sheikh Nucl. Phys. A 941 (2015) 48 (NORTH HOLLAND)

74 Projected shell model study of band spectra and electromagnetic properties of $^{160-164}$Ho
Barun Slathia, Rani Devi and S.K. Khosa
Nucl. Phys. A 943 (2015) 39 (NORTH HOLLAND)

75 Theoretical study of neutron-rich ^{107,109,111,113}Rh isotopes
Amit Kumar, Suram Singh, S.K. Khosa, Arun Bharti, G.H. Bhat, J.A. Sheikh
Int. J. Mod. Phys. E 24, (2015) 1550076 (SINGAPORE)

Dr. Nupur Sexsena

List of Research Publications

1. Swift heavy ions on pulsed laser ablated Si nanocrystals – a sensitive approach for size tuning
Nupur Saxena, Avinash Agarwal, D. M. Phase, R. J. Choudhary and D. Kanjilal
Proceeding of the 53rd DAE - BRNS Solid State Physics Symposium (2008), BARC, Mumbai, 2008,Vol.-53, pp-399, ISBN: 978-81-8372-044-1.
2. Ion beam induced phase separation and formation of silicon nanocrystals embedded in silicon oxide matrix
Nupur Saxena, Avinash Agarwal, D. Kabiraj and D. Kanjilal
Inter University Accelerator Centre Annual Report 2009-10, pp-147
3. Controlled growth of Si nanocrystals in SiO_2 by PLD
Nupur Saxena, Avinash Agarwal, D. M. Phase, R. J. Choudhary and D. Kanjilal
Proceedings of the National Conference on Synthesis and Characterization of Smart Materials, SCSM – 2009, Bareilly, India. Sep. 12 – 14, 2009, pp-103.
4. Ion beam induced formation of silicon nanocrystals in PLD grown SiO_X films Nupur Saxena, Avinash Agarwal, D. M. Phase, R. J. Choudhary and D. Kanjilal
Proceedings of the National Conference on Synthesis and Characterization of Smart Materials, SCSM – 2009, Bareilly, India. Sep. 12 – 14, 2009, pp-46
5. Structural study of CdS nanoparticles
Pragati Kumar, Nupur Saxena, F. Singh and Avinash Agarwal
Proceedings of the National Conference on Synthesis and Characterization of Smart Materials, SCSM – 2009, Bareilly, India. Sep. 12 – 14, 2009, pp-128
6. Synthesis of silicon nanoclusters by PLD
2. Nupur Saxena, Avinash Agarwal, R. J. Chaudhary, D. M. Phase, D. Kabiraj and D. Kanjilal
3. Proceedings of the Indo-French Workshop and International Conference on Nanoscience & Nanotechnology, AIT Nano – 2009, Gurgaon, India, Oct. 12 – 16, 2009, pp-145.
7. PLD grown Si nanocrystals for memory and optical applications
Nupur Saxena, Pragati Kumar and Vinay Gupta
Proceeding of the National Conference on Nanotechnology and Renewable Energy (NCNRE-14), Jamia Milia Islamia University, Delhi, 2014, pp-318-321. ISBN-978-93-81212-65-3
8. Thermal activated structural phase transition and its effect on emission
Pragati Kumar, Nupur Saxena, F. Singh, Avinash Agarwal and Vinay Gupta
Proceeding of the National Conference on Nanotechnology and Renewable Energy (NCNRE-14), Jamia Milia Islamia University, Delhi, 2014, pp-229-232. ISBN-978-93-81212-65-3
9. Effect of rapid thermal annealing temperature on the dispersion of Si nanocrystals in SiO_2 matrix
Nupur Saxena, Pragati Kumar, Vinay Gupta

AIP Conference Proceedings 1661, 080026 (2015), ISSN: 0094-243X

10. Influence of Ag doping concentration on structural and optical properties of CdS thin films
Pragati Kumar, Nupur Saxena, Avinash Agarwal and Vinay Gupta
AIP Conference Proceedings 1661, 080017 (2015), ISSN: 0094-243X

23. **Details of patents and income generated**

Nil, There are no patents as of now but we are in the process of establishing research laboratories through which it is hoped that we may be able to develop new cutting edge and innovative technologies which can be patented.

24. **Areas of consultancy and income generated**

Nil, The department does not offer any consultancy services at present. However, the department is in the process of formalizing partnerships with different research institutions and industries and engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad

NIL

26. Faculty serving in

National committees	**Prof. S. K. Khosa Life time member –Indian Physics association**
International committees	**Nil**
Editorial Boards	**Nil**
Any other (please specify)	**Nil**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Yes.

28. Student projects

Percentage of students who have done in -house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards / recognitions received at the national and international level by

Faculty	**Nil**
Doctoral / post doctoral fellows	Nil
Students	Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.

Refer to Annexure "B"

31. Code of ethics for research followed by the departments

Yes, the department follows the code of ethics for research by adopting following measure: All research works are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily

32. Student profile programme-wise:

Name of the Programme	**Applications received**	**Selected**		**Pass Percentage**	
		Male	**Female**	**Male**	**Female**
2016-2017					
M.Sc. integrated Physics		22	8	NA(First Sem started only)	NA

33. Diversity of students :

Name of the Programme	**% of students from the same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from other countries**
2016-2017				
M.Sc. integrated Physics	0	60	40	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

General	0
OBC	0
SC	0
ST	0
Total	0

The first batch has just joined the M.Sc. programme

35. Student Progression

Student Progression	**Percentage against enrolled**
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • **Campus selection** • **Other than campus recruitment**	Nil Nil
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	0%
from other universities within the State	25%
From universities from other States	75%
From universities outside the country	0%

38. Present details of departmental infrastructural facilities with regard to

Library	Nil*
Internet facilities for staff and students	Yes
Total number of class rooms	01
Class rooms with ICT facility	01
Students' laboratories	02
Research laboratories	Nil #

*** In process**

 # To be established with the starting of Ph.D. programme and through collaborations with research institutes, industries and other universities.

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	Nil
From other institutions/universities	Nil

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Yes, the neighboring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback? -	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
Students on staff, curriculum and teaching learning-evaluation and how does the department utilize the feedback? -	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	The department is in its infancy and formative stage

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.
- **Structured Lectures,**
- **Assignments,**
- **Laboratory experiments,**
- **Power point Presentations,**
- **Hands-on training,**
- **Seminars,**
- **One semester project work,**
- **e-Learning materials from different Open Educational Resources (OER) both national and international provided to the students,**
- **Tutorials in class,**
- **One to one discussion.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni. From this academic session the department completely adopted CBCS based curriculum in order to achieve and further the inter and multi-disciplinary approach amongst students to enable them for competing at the global level. To improve the teaching ability in the department, feedback is also sought from the students. Presentations/ seminars are delivered time to time by the students as well as faculty members to ensure the constant learning. Apart from this, career consultancy is also provided by the faculty members to meet the objective of the department.

47. Highlight the participation of students and faculty in extension activities.
- **Some collaborative work is also planned by the Department and University with national and international Universities/institutions**

48. Give details of "beyond syllabus scholarly activities" of the department.
- **Colloquium Seminar held regularly on contemporary topics**

For more information, Refer to Annexure "B"

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
The department is in the process of the first cycle of NAAC accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

ii. Students and Faculty members are involved in designing of several scientific working models of real systems to understand the basic & applied knowledge of underlying hidden principle.

ii. Group discussion among the students is one of the major activities of the department and this promotes the development of interesting and striking ideas.

iii. Some collaborative research work is also planned by Department Faculty with national and international Universities/institutions.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

i. Good Student teacher ratio.
ii. Labs with curricula based and along with classrooms to help students grasp basic and applied aspects of the discipline.
iii. Teaching faculty with diverse areas of specialization which contributes to comprehensive knowledge base of the students
iv. Focussed approach towards establishing state of the art teaching and research facilities through collaborations with leading Research Institutions and industry.
v. Self-motivated and research oriented faculty members with expertise in different research areas acting as drivers for the Department's future research footprint.

Weakness

i. Enhancement of sufficient experimental facilities is required.
ii. Sufficient computational facilities is required.
iii. Lack of Technical staff in the laboratories.
iv. Space constraint for teaching and research facilities till new academic block is constructed.

Opportunities

i. As the department has faculty members working in both theoretical and experimental aspects of the discipline, hence a comprehensive development in teaching and research facilities covering both aspects can be ensured.
ii. The University is in the proximity of the National Capital which has number of research institutions in and around it working in pure and applied aspects of the discipline hence possible to form collaborations for research and training purposes.
iii. As there is no developed University in the nearby areas hence the department can take lead in offering quality post graduate and research programs to the students.
iv. Since the department has recently been established with a young and dynamic faculty hence there is tremendous potential to develop the department as a Centre of Excellence in the discipline.
v. Being a central university, there is a good opportunity to develop centralized computational and experimental research facilities through various major and minor research projects with financial assistance obtained through funding agencies that will benefit the teaching-learning community from the entire region.

Challenges

i. Research project to be undertaken by department.
ii. The infrastructure is in the process of being developed.
iii. Research facilities still need to be developed.
iv. More senior faculty of discipline is required.
v. Geographical connectivity causing hindrance in the development of collaborations.

52. Future plans of the department.

Department plans to produce best students who would be able to opt various career pursuits.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualification	Designation	Specialization	Experience	No of PH.D/M. Phil Students guided
1.	Dr. Princy Gupta	M.Sc. (Organic Chemistry, Gold Medalist), M.Phil, CSIR-NET, Ph.D (Chemistry)	Assistant Professor	Organic Chemistry	3 years	Nil
2.	Dr. Venkata Ramana Doddi	M.Sc. (Organic Chemistry), CSIR-NET-JRF & SRF Ph.D. (Chemistry)	Assistant Professor	Organic chemistry	6 Years	Nil
3.	Dr. Tapta Kanchan Roy	M.Sc. (Physical Chemistry), CSIR-JRF & SRF PhD. (Chemistry)	Assistant Professor	Physical Chemistry	5 years	Nil
4.	Dr. Sujata Kundan	M.Sc. (Inorganic Chemistry), M.Phil, Ph.D. (Chemistry)	Assistant Professor	Inorganic Chemistry	6 years	Nil

For more information Refer to Annexure "C"

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Prof. Kamal K. Kapoor (adjacent)
Professor of Organic Chemistry in the department of Chemistry, University of Jammu.

13. Percentage of classes taken by temporary faculty – programme-wise information
Nil

14. Programme-wise Student Teacher Ratio
M.Sc. 1: 5 students per teacher.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
At present there is no technical supporting and administrative staff in the department.

16. Research thrust areas as recognized by major funding agencies

i. **Green chemistry**
ii. **Heterogeneous solid acid catalysis**
iii. **Theoretical Chemistry**
iv. **Computational Chemistry**
v. **Coordination Chemistry**
vi. **Bioinorganic Chemistry**
vii. **Basic Organic Chemistry**
viii. **Catalysis**

17. Number of faculty with ongoing projects from

National	**Dr. Venkata Ramana Doddi** **Ongoing project :** 1. DST-INSPIRE project IFA12_CH-36. **35 Lakhs**
International funding agencies	Nil
Total grants received. Give the names of the funding agencies, project title an d grants received project-wise.	Total grant: 35 Lakhs; Funding Agency: Department of Science and Technology, Inda.

18. Inter-institutional collaborative projects and associated grants received

National collaboration	1. Prof. Satya Paul, Department of Chemistry, University of Jammu 2. Dr. Aman Mahajan, Group Leader, Apeejay Stya Research foundation, Gurgaon. 3. Prof. R. T. Pardasani, Department of Chemistry, Central University of Rajasthan. 4. Dr. Subrata Banik, School of Chemistry, University of Hyderabad. 5. Dr. Devesh Sawant, Department of Pharmacy, Central University of Rajasthan. 6. Dr. Raghu Chitta, Department of Chemistry, Central University of Rajasthan. 7. Dr. Anuj Sharma, Department of Chemistry, Central University of Rajasthan.

	8.. Dr. S. Suresh, OBC Division, CSIR -Indian Institute of Chemical Technology, Hyderabad, India. 9. Prof. Y. D. Vankar, Department of Chemistry, IIT Kanpur, India.
International collaboration	1. Prof. R. Benny Gerber, Fritz Haber Center for Molecular Dynamics, Institute of Chemistry, The Hebrew University of Jerusalem, Israel 2. Dr . Oleg Boyarkin, Ecole Polytechnique Fédérale de Lausanne, Switzerland. 3. Prof. Thomas Rizzo , Polytechnique Fédérale de Lausanne, Switzerland. 4. Dr. Jiri Sebek, University of Chemistry and Technology, Prague, Prague

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total rants received.

Since the Department has been established w.e.f the academic session 2016-2017, the newly appointed faculty is in the process of writing project proposals to various national/international level funding agencies for respective grants.

20. Research facility / centre with

State Recognition	*
National Recognition	*
International Recognition	*

***Note:** The department is in the process of setting up research labs on its own as well as through MoUs with research institutions, industry, National and International Universities for which due recognition/accreditation will be sought.

21. Special research laboratories sponsored by / created by industry or corporate bodies

We are in the process of setting up the special research laboratories.

22. Publications:

Number of papers published in peer reviewed journals (national / international)	51
Number of papers published in international newsletters	2
Monographs	00
Chapters in Books *	03
Edited Books	00
Books with ISBN with details of publishers	00
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
h-index	

LIST OF PUBLICATIONS

i) DR. PRINCY GUPTA

Publications as corresponding author

1. "Green Chemistry Approaches as sustainable alternatives to conventional strategies in Pharmaceutical Industry" (Review), **Princy Gupta*** and Aman Mahajan, *RSC Advances*, **2015**, ***5***, 26686-26705.
2. *"Solid acids: Green alternatives for acid catalysis" (Review),* **Princy Gupta* and Satya Paul**, *Journal of Catalysis today, **2014**, 236, Part B, 153-170.*
3. "Shades of Chemical beauty: An overview of synthetic routes to some anticancer drugs", **Princy Gupta*** and Aman Mahajan, , *RSC Advances*, **2016** submitted.

Ph.D research publications

4. "Ionic liquid coated sulfonated carbon/silica composites: Novel heterogeneous catalysts for organic syntheses in water", **Princy Gupta, Manmeet Kour, Satya Paul and James H. Clark,** *RSC Adv.*, **2014**, *4*, 7461-7470**.**
5. **"**Sulfonated carbon/silica composites: heterogeneous catalysts for the one-pot synthesis of Hantzsch 1,4-dihydropyridines, 2,4,5-trisubstituted imidazoles and 2-arylbenzimidazoles", **Princy Gupta and Satya Paul,** *Current Catalysis,* **2014,** *3*, 53-64.
6. " Sulfonated carbon/silica composite functionalized lewis acids for one-pot synthesis of 1,2,4,5-tetrasubstituted imidazoles, 3,4-dihydropyrimidin-2(1*H*)-ones and for Michael addition of indole to *α,β*-unsaturated ketones," **Princy Gupta and Satya Paul, *J. Mol. Catal. A: Chem.*, 2012, *352*, 75-80.**
7. "Amorphous carbon-silica composites bearing sulfonic acid as solid acid catalysts for the chemoselective protection of aldehydes as 1,1-diacetates and for *N*-, *O*- and *S*-acylations", **Princy Gupta and Satya Paul, *Green Chem.*, 2011, *13*, 2365-2372.**
8. "Crystal Structure of 2-(4-Chlorophenyl)-1,4,5-triphenyl-(1*H*)-imidazole" ,**Kamini Kapoor, Vivek K. Gupta, Rajnikant, Princy Gupta, and Satya Paul, *X-ray Structure Analysis Online*, 2011, *27*, 53-55.**
9. "Nano Pd(0) supported on cellulose: A highly efficient and recyclable heterogeneous catalyst for the

Suzuki coupling and aerobic oxidation of benzyl alcohols under liquid phase catalysis," **Navjot Jamwal, Ravinderpal Kour Sodhi, Princy Gupta and Satya Paul,** ***International Journal of Biological Macromolecules*****, 2011,** ***49*****, 930-935.**

10. "Silica Functionalized Sulfonic Acid Catalyzed One-Pot Synthesis of 4,5,8a-Triarylhexahydropyrimido[4,5-*d*]pyrimidine-2,7(1*H*,3*H*)-diones under Liquid Phase Catalysis", **Princy Gupta, Vineet Kumar and Satya Paul, , *J. Braz. Chem. Soc*., 2010, *21*, 349-354.**

Publications in international newsletters

11. "Ionic liquid coated sulfonated carbon/silica composites: Novel heterogeneous catalysts for organic syntheses in water", **Princy Gupta, Manmeet Kour, Satya Paul and James H. Clark,** *RSC Adv*., **2014**, *4*, 7461-7470 **has been published in Green Chemistry Network Newsletter (University of York) January, 2014.**

12. "Solid acids: Green alternatives for acid catalysis" (Review), **Princy Gupta* and Satya Paul***, Journal of Catalysis today, **2014**, 236, Part B, 153-170* **has been published in Green Chemistry Network Newsletter (University of York) in May, 2014.**

ii) Dr. Tapta Kanchan Roy

1. "Conformational preferences of mono-substituted cyclohydronitrogens: A theoretical Study". **Tapta Kanchan Roy**, Susanta Ghanta, Tanmoy Mondal, Banda Saritha, S. Mahapatra and M. Durga Prasad. **Theochem**, 822, 145 (2007).
2. "A thermal self-consistent field theory for the calculation of molecular vibrational partition functions." **Tapta Kanchan Roy** and M Durga Prasad. **J. Chem. Phys**. 131, 114102 (2009).
3. "Effective harmonic oscillator description of anharmonic molecular vibrations." **Tapta Kanchan Roy** and M. Durga Prasad. **J. Chem. Sci.** 121, 805 (2009).
4. "On some stategies to design new high energy density molecules". T. Mondal, B. Saritha, S. Ghanta, **Tapta Kanchan Roy**, S. Mahapatra and M. Durga Prasad. **Theochem**, 897, 42 (2009).
5. "Terminal Functionalized Hydroxyl-Terminated: An energytic Binder for propellant". R. Murali Shankar, **Tapta Kanchan Roy** and Tushar Jana. **J. Appl. Poly. Sc.** 114, 732 (2009).
6. "Development of a new variational principle for thermal density matrices." **Tapta Kanchan Roy** and M. Durga Prasad. **J. Chem. Phys**. 134, 214110 (2011).
7. "Functionalization of the terminal carbon atoms of the hydroxyl terminated polybutadiene by polyazido nitrogen rich molecules". R. Murali Shankar, **Tapta Kanchan Roy** and Tushar Jana. **Bulletin of Material Science**, 34, 745 (2011).
8. "A comparative study of independent particle model based approaches for thermal averages". Subrata Banik, **Tapta Kanchan Roy** and M. Durga Prasad, **J. Chem. Sci.** 105, 1267 (2013).
9. "MOF-FF – A flexible first principles derived Force Field for Metal-Organic Frameworks". Sareeya Bureekaew, Saeed Amirjalayer, Maxim Tafipolsky, Christian Spickermann, **Tapta Kanchan Roy** and Rochus Schmid. **Physica Status Solidi (b)** 250, 1128 (2013)
10. "Vibrational self-consistent field calculations of spectroscopy of biological molecules". **Tapta Kanchan Roy** and R. Benny Gerber. **Phys. Chem. Chem. Phys. 15, 468 (2013).**
11. "A Highly Efficient *in situ* Acetylation Approach for Diverse Polyfunctionalized Complex Network", Koushik Chandra, **Tapta Kanchan Roy**, Johnny Naoum, Chaim Gilon, R. Benny Garber and Assaf Friedler. **Org. Biomol. Chem. 12, 1879 (2014).**
12. **"A Tandem In Situ Peptide Cyclization through Trifluoroacetic Acid Cleavage", Koushik Chandra, Tapta Kanchan Roy,** Deborah E. Shalev, Abraham Loyter, Chaim Gilon **R. Benny Garber, Assaf Friedler,** Angewandte Chemie International Edition, 53, 9450 (2014)

13. **"Approximate First Principles Anharmonic Calculations of Polyatomic Spectra using MP2 and B3LYP Potentials: Comparisons with Experiment"**, **Tapta Kanchan Roy**, Tucker Carrington Jr. and R. Benny Gerber**, J. Phys. Chem. A, 118, 6730 (2014)**
14. "Conformational Structures of a Decapeptide Validated by First-Principles Calculations and Cold Ion Spectroscopy", **Tapta Kanchan Roy**, Vladimir Kopysov, Natalia S. Nagornova, Thomas R. Rizzo, Oleg V. Boyarkin and R. Benny Gerber, **ChemPhysChem**, 16, 1374 (2015)
15. "Mechanistic Studies of Malonic Acid-Mediated in situ Acylation", Koushik Chandra, Johnny N. Naoum, **Tapta Kanchan Roy**, Chaim Gilon, R. Benny Gerber and Assaf Friedler, **Biopolymer Peptide Science**, 104, 495 (2015)
16. "First-Principles Anharmonic Quantum Calculations for Peptides Spectroscopy: VSCF Calculations and Comparison with Experiment", **Tapta Kanchan Roy**, Rahul Sharma and R. Benny Gerber, **Phys. Chem. Chem. Phys**. 18, 1607 (2016).
17. "Ruthenium catalyzed intramolecular C-S coupling reactions: Synthetic scope and mechanistic insights", Shivani Sharma, Ramdas S. Pathare, Antim Kumar Maurya, Kandasamy Gopal, **Tapta Kanchan Roy**,Devesh M. Sawantand R. T. Pardasani, **Organic Letters,** 18, 365 (2016).
18. "A catalyst-free one-pot multicomponent synthesis of spiro-benzimidazoquinazolinones via Knoevenagel-Michael-Imine pathway: A microwave assisted approach" P. Maloo, **Tapta Kanchan Roy**, D. Sawant, R. T. Pardasani and M. M. Salunkhe. **RSC Advances**, 6, 41897 (2016).

iii) Dr. Sujata Kundan

1. Synthesis and Characterization of some new thallium(III) macrocyclic complexes and their biological studies. Gauri D .Bajju*, Sapna Katoch, Gita Devi, **Sujata Kundan**, Ashu and Madhullika Bhagat. **Main Group Met. Chem. 2016;** 39(1-2): 19–29.

2. Synthesis, Spectroscopic Characterization and Antimicrobial Screening of Aluminium(III)porphyrin Complexes containing Substituted Salicylates. Gauri D .Bajju*, Deepmala, **Sujata Kundan** and Altaf Ahmed. **Chem Sci Rev Lett. 2014;** 3(12), 1135-1141.

3. Toxicological Studies of Indium(III) Porphyrin Complexes Containing Salicylates As Axial Ligand. Gauri D .Bajju*, Deepmala, Ved Kumar, **Sujata Kundan** and Altaf Ahmed. **World Journal of Pharmaceutical Research. 2014;** Vol.3, Issue 10, 1613 -1622.

4. Synthesis and Spectroscopic and Biological Activities of Zn(II) Porphyrin with Oxygen Donors. Gauri D .Bajju* **Sujata Kundan,** Madhulika Bhagat, Deepmala Gupta, Ashu Kapahi, Gita Devi. **Journal of Bioinorganic Chemistry and its application.Vol.2014;** Article ID 782762.

5. Electrochemical and Spectroscopic Characterization of Aluminium (III)-para-methyl- meso-tetraphenylporphyrin Complexes Containing Substituted Salicylate as Axial Ligands. Gauri D .Bajju*, Deepmala, Sunil Kumar Anand, **Sujata Kundan** and Nariender Singh. **International Journal of Electrochemistry**. **Vol.2013;** Article ID 409375, 10 Pages.

[**Note:** International Journal of Electrochemistry has recently been accepted for coverage in the **Emerging Sources Citation Index**, which is the new Edition of the Web of Science that was launched in November 2015. This means that any articles published in the journal will be indexed in the web of science at the time of publication].

6. Synthesis, Spectroscopic, and Biological Studies on New Zirconium (IV) Porphyrin with Axial Ligand.Gauri D .Bajju*, Gita Devi, Sapna Katoch, Madhulika Bhagat, Deepmala, Ashu, **Sujata Kundan,** and Sunil Kumar Anand. **Journal of Bioinorganic Chemistry and its application. Vol.2013;**

Article ID 903616, 15 Pages.

7. Oxovanadium (IV) Complexes with Nitrogen Donors: Synthesis, Characterization, and Biological Activities. Gauri D .Bajju*, Puja Sharma, Ashu Kapahi, Madhulika Bhagat, **Sujata Kundan,** and Deepmala Gupta. **Journal of Inorganic Chemistry. Vol.2013;** Article ID 982965, 11 Pages.
8. Synthesis and Spectroscopic studies of Axially ligated Zn(II)5,10,15,20-Meso-tetra(4-chlorophenyl)porphyrin with oxygen and nitrogen donors. Gauri D .Bajju*, **Sujata Kundan,** Ashu, Deepmala. **Journal of Chemistry. Vol.2012;** Article ID 135815, 14 Pages.
9. Synthesis and Characterization of Zirconium(IV) derivatives of meso-tetra(p-methylphenyl)porphyrin with Acetylacetonate and different Phenolates at Axial positions. Gauri D .Bajju*, Sunil Kumar Anand, **Sujata Kundan,** Deepmala, Ashu and Gita. **Oriental Journal of Chemistry. 2012;** Vol. 28(01).
10. Synthesis and Spectroscopic Studies of Zirconium(IV) Porphyrins with Acetylacetonate and Phenolates at Axial positions. Gauri D. Bajju*, Sunil Kumar Anand and **Sujata Kundan**. **Oriental Journal of Chemistry. 2012**; Vol. 28(01).
11. Stereochemistry around chromium(III) in mixed ligand complexes. Gauri D. Bajju*, Deepmala, Ashu and **Sujata Kundan. Asian Journal of Chemical and Environmental Research (AJCER). 2011;** Vol. 4(03).
12. Synthesis and Characterization of axially ligated Zinc(II)-*p*-nitro-*meso*-tetraphenylporphyrin. Gauri D. Bajju*, **Sujata Kundan** and Sunil Kumar Anand. **Journal of Indian Chemical Society (JICS). 2011;** Vol. 88, 1-10.

Article Published:

Topic: Synthesis and Characterization of axially ligated Zinc(II)-*p*-nitro-*meso*-tetraphenylporphyrin.

Published In: Biological Pigments: Studies from University of Jammu Yield New Information…….. Life Science Weekly, **January 10th, 2012**

iii) Dr. Venkata Ramana Doddi

As Independent faculty*:

1. **"Macrolactones" chapter in Book: "Natural Lactones and Lactams – Synthesis, Occurrence and Biological Activity" G. V. M. Sharma, Venkata Ramana Doddi. Wiley New York** (2013).
2. **"Application oriented catalytic organic synthesis" chapter in Book: "Industrial Catalysis and Separations Innovations for Process Intensification" G. V. M. Sharma, P. R. Krishna, Venkata Ramana Doddi, S. Kashyap, P. S. Reddy. Apple Academic Press** (2014).
3. A. K. Morri, Y. Thummala, **Venkata Ramana Doddi***. The Dual Role of 1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU) in the Synthesis of Terminal Aryl- and Styryl-Acetylenes *via* Umpolung Reactivity. ***Organic Letters***, 17, 4640, (2015). [Impact factor: 6.364]
4. "Catalyst, metal and solvent free synthesis of 1-bromoalkynes at ambient temperature" M. S. Krishna, A. K. Morri, **Venkata Ramana Doddi***. Submitted to ***RSC Green Chemistry***, (2016).

Ph.D and Post Doctoral research publications:

5. **"Synthesis of Pyrrolidine-Based Imino Sugars as Glycosidase Inhibitors". Venkata Ramana Doddi, Y. D. Vankar. *European Journal of Organic Chemistry, 33, 5583 (2007).***

6. "Mild and efficient method for the selective deprotection of anomeric acetal using triphenylcarbenium tetrafluroborate" *Amitkumar,* **Venkata Ramana Doddi, Y. D. Vankar.** ***Journal of Organic Chemistry, 73, 5993 (2008).***
7. **"Stereoselective synthesis of** *muco*-quercitol, (+)-*gala*-quercitol and **5-Amino-5-deoxy-D-*vibo*-quercitol from D-mannitol" Venkata Ramana Doddi,** *Amit kumar,* **Y. D. Vankar.** ***Tetrahedron***, 64, 9117 (2008)
8. "Synthesis of hybrids of D-glucose and D-galactose with pyrrolidine based iminosugars as glycosidase inhibitors**" Venkata Ramana Doddi, H. P. Kokatla, A. P. J. Pal, Y. D. Vankar**, ***European Journal of Organic Chemistry,*** *5731 (2008).*
9. "**Synthesis of fused pyran-carbahexopyranoses as glycosidase inhibitors**" **Venkata Ramana Doddi,** P. K. Kancharla, Y. D. Vankar. ***Carbohydrate Research, 344, 606 (2009).***
10. "Synthesis of (−)- Deoxoprosophylline, (+)-2-epi-Deoxoprosopinine, and (2R,3R)- and (2R,3S)-3Hydroxypipecolic Acids from D-Glycals" K. H. Prasad, R. Lahari, P. K. Kancharla, **Venkata Ramana Doddi**, Y. D. Vankar. ***Journal of Organic Chemistry,*** *75, 4608 (2010).*
11. "A concise route to (−)-shikimic acid and (−)-5-*epi*-shikimic acid, and their enantiomers via Barbier reaction and ring-closing metathesis" **Pavan K. Kancharla, Venkata Ramana Doddi, Hari prasad kokatla, Y. D. Vankar.** ***Tetrahedron Letters*****, *50*, 6951 (2009).**
12. "Intramolecular ketonitrone-olefin cycloaddition reaction: Direct and stereocontrolled synthesis of nitrogenated quaternary centered aminocyclopentitols as galactosidase inhibitors". Y. S. Reddy, **Venkata Ramana Doddi**, Y. D. Vankar. ***Tetrahedron Letters 50*****, 5827** (2009).
13. Synthesis of sugar derived spiroaminols via lactonization and metathesis reactions. A. P. J. Pal, P. Kadigachalam, A. Mallick, **Venkata Ramana Doddi**, Y. D. Vankar. ***Organic and Bimolecular Chemistry***, ***9***, 809 (2011).
14. "Reduction of Amine N-Oxides by diboran reagents" **H. P. Kokatla, P. F. Thomson, S. Bae, Venkata Ramana Doddi, M. K. Lakshman.** ***Journal of Organic Chemistry*****,** *76*, 7842 (2011).
15. "$HClO_4 \cdot SiO_2$-Mediated Improved Isomerization of Glycidic Esters to α-Hydroxy-β,γ-unsaturated Esters: Application in the Formal Synthesis of (R)-Baclofen and β-Phenyl GABA Analogues". R. Basak, S. Dharuman, Y. S. Reddy, **Venkata Ramana Doddi,** and Y. D. Vankar. ***Chemistry Letters.*** *41*, 325 (2012).
16. "Process for preparing Norbornane derivative" T. V. S. K. Vittal, S. Sudhakar, K. S. Reddy, **Venkata Ramana Doddi**, Ch. Lakshminarayana, M. Sridhar. **Patent No at Indian Patent Office: No.F25/00078/2011/CHE/013613.**

23. Details of patents and income generated

Nil, There are no patents as of now but we are in the process of establishing research laboratories through which it is hoped that we may be able to develop new cutting edge and innovative technologies which can be patented.

24. Areas of consultancy and income generated

Nil, The department does not offer any consultancy services at present. However, the department is in the process of formalizing partnerships with different research institutions and industries and engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad

1) Dr. Tapta Kanchan Roy

i) Visiting scientist in the laboratory of Prof. Frank Neese, Director, Max-Plank Institute for Energy Conversion, Mulheim, Germany.

ii) Visiting scientist in the laboratory of Prof. Guntrum Rauhut, Institute of Theoretical Chemistry, University of Stuttgart, Germany.

iii) Visiting scientist in the laboratory of Prof. Petr Bour, Institute of Organic Chemistry and Biochemistry, Academy of Science of Czech Republic.

2) Dr. Venkata Ramana Doddi

i) Research associate in the Chemistry Department, City University of New York, New York, USA.

26. Faculty serving in

National committees	**Dr. Princy Gupta** 1. Life member of National Environmental Science Academy
International committees	Nil
Editorial Boards	Nil
Any other (please specify)	**Dr. Princy Gupta - (i)** Board of Study VC nominees (ii) Acted as Reviewer of various international journals like Journal of Organic Chemistry (ACS publication), Journal of Catalysis Letters, Advances in Material Science and Engineering and Journal of Current Organic Chemistry

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Yes, the department follows UGC guidelines.

28. Student projects

Percentage of students who have done in -house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards / recognitions received at the national and international level by

Faculty	**1. DST-INSPIRE Faculty award (National, Dr. Dr.Venkata Ramana Doddi)** **2. Two Publications of Dr. Princy Gupta are highlighted in Green Chemistry Network Newsletter, University of New York**
Doctoral / post doctoral fellows	Dr. Venkata Ramana Doddi , Dr. Tapta Kanchan Roy
Students	Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.
For more information Refer to Annexure "C"

31. Code of ethics for research followed by the departments
Yes, the department follows the code of ethics for research as per UGC guidelines.

32. Student profile programme-wise: **Nil**

Name of the Programme	**Applications received**	**Selected**		**Pass Percentage**	
		Male	**Female**	**Male**	**Female**
2016-2017					
M.Sc. Intrgrated Chemistry and Chemical Sciences		12	16	NA (Fist Sem started only)	NA

33. Diversity of students : **Nil**

Name of the Programme	**% of students from the same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from other countries**
Session 2013-14				
M.Sc. Int egrated Chemistry and Chemical Sciences	0	80	20	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

General	0
OBC	0
SC	0
ST	0
Total	0

35. Student Progression

Student Progression	**Percentage against enrolled**
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • **Campus selection** • **Other than campus recruitment**	Nil Nil
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	0%
from other universities within the State	50%
From universities from other States	50 %
From universities outside the country	0%

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

04 Faculty members were awarded Ph.D. degree between 2009 and 2016.

38. Present details of departmental infrastructural facilities with regard to

Library	Establishment of Departmental Library is under process.
Internet facilities for staff and students	24X7 Wi-Fi enabled Campus.
Total number of class rooms	01
Class rooms with ICT facility	01
Students' laboratories	01
Research laboratories	*

***To be established with the starting of Ph.D. programme and through collaborations with research institutes, industries and other universities.**

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	Nil
From other institutions/universities	Nil

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback? -	Regular faculty meetings and BOS is conducted.
Students on staff, curriculum and teaching learning-evaluation and how does the department utilize the feedback? -	Regular feedback from students is taken and changes are incorporated
Alumni and employers on the programmes offered and how does the department utilize the feedback?	Since its first batch therefore same shall be incorporated as and when applicable

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.
- **Structured Lectures,**
- **Assignments,**
- **Laboratory experiments,**
- **Power point Presentations,**
- **Hands-on training,**
- **Seminars,**
- **One semester project work,**
- **e-Learning materials from different Open Educational Resources (OER) both national and international provided to the students,**
- **Tutorials in class,**
- **One to one discussion.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Necessary steps have been taken to ensure that various objectives are realized, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni. From this academic session the department completely adopted CBCS based curriculum in order to achieve and further, the inter and multi-disciplinary approach amongst students to enable them for competing at the global level. To improve the teaching ability in the department, feedback is also sought from the students. Presentations/ seminars are delivered time to time by the students as well as faculty members to ensure the constant learning. Apart from this carrier consultancy is also provided by the faculty members to meet the objective of the department.

47. Highlight the participation of students and faculty in extension activities.
- **Faculty of Department is serving teaching to other department of university.**
- **All faculty members of the Department are also submitting project proposals to different funding agency and trying to resume their research and development activities in respective area.**
- **Some collaborative work is also planned by Department Faculty with national and international Universities/institutions.**

48. Give details of "beyond syllabus scholarly activities" of the department.
- **All members of the faculty of Department are also submitting project proposal to different funding agency and trying to resume their research and development activities in respective area.**
- **Some collaborative work is also planned by the Faculty of the department with national and international Universities/institutions**

For more information Refer to Annexure "C"

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
The department is in the process of the first cycle of NAAC accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
ii. **Students and Faculty members are involved in designing of several scientific working models of real systems to understand the basic & applied knowledge of underlying hidden principle.**
ii. Group discussion among the students is one of the major activities of our department and this promotes the development of interesting and striking ideas.
iii. Some collaborative research work is also planned by Department Faculty with national and international Universities/institutions.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength
i. Good Student teacher ratio.
ii. Labs with curricula based and along with classrooms to help students grasp basic and applied aspects of the discipline.
iii. Teaching faculty with diverse areas of specialization which contributes to comprehensive knowledge base of the students
iv. Focussed approach towards establishing state of the art teaching and research facilities through collaborations with leading Research Institutions and industry.
v. Self-motivated and research oriented faculty members with expertise in different research areas acting as drivers for the Department's future research footprint.

Weakness
i. Enhancement of sufficient experimental facilities.
ii. Sufficient computational facilities is desired.
iii. Deficient technical staff in the laboratories.
iv. Space for Teaching and Research facilities is insufficient till new block is complete.

Opportunities
The department has ample opportunity for growth since it is nascent department.
The research facilities can be developed at par with any other reputed institute.

Challenges
i. Being a relatively new department, the infrastructure is still in the process of being developed.
ii. Research facilities still need to be developed.
iii. Lack of sufficient number of faculty.

52. Future plans of the department.
The department plan to research base and restructure courses accordingly. Also, national and international collaborations are being planned.

EVALUATIVE REPORT OF DEPARTMENT

NANO SCIENCES AND MATERIALS

1. **Name of the Department: Nano Sciences and Materials**

2. Year of establishment : **2016**

3. Is the Department part of a School/Faculty of the university?
Yes, the Department of **Nano Sciences and Materials** comes under the **School of Basic and Applied Sciences**.

4. **Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

   PG Materials Science

   For more information Refer to Annexure "D"

5. **Interdisciplinary programmes and departments involved Under the Choice Based Credit System**

   Under the Choice Based Credit System scheme, many elective courses that are of interdisciplinary nature shall be taken by the students from other departments.

6. **Courses in collaboration with other universities, industries, foreign institutions, etc.**
Nil

7. **Details of programmes discontinued, if any, with reasons**
No programme is discontinued.

8. **Examination System: Annual/Semester/Trimester/Choice Based Credit System**
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

9. **Participation of the department in the courses offered by other departments**
Contributing in teaching in the Department of Physics.

10. **Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00
Others	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualification	Designation	Specialization	Experience	No of PH.D/M. Phil Students guided
1	Dr. Vishal Singh	M.Phil, Ph.D (Physics)	Assistant Professor	Materials sciences	5yrs	Nil
2	Dr. Tanuj Kumar	M.Phil, Ph.D (Physics)	Assistant Professor	Nano materials	2yrs	Nil
3	Dr. Pragati Kumar	Ph.D (Physics)	Assistant Professor	Nano materials	2.5 yrs	Nil
4	Dr. Pawan Kumar	M.Tech, Ph.D (Engineering)	Assistant Professor	Materials and Sensor	2yrs	Nil

For more information Refer to Annexure "D"

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Nil

13. Percentage of classes taken by temporary faculty – programme-wise information
Programme: M.Sc. Materials Science Classes are equally shared by all regular Faculty members only.

14. Programme-wise Student Teacher Ratio
M.Sc.: 5 students per teacher.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
At present there is no technical supporting staff in the department and the university is in process to recruit the required supporting staff.

16. Research thrust areas as recognized by major funding agencies
Department of Science and Technology (DST) -Fast Track Young Scientist Scheme in following research areas:

i. **Materials Science**
ii. **Nanotechnology**
iii. **Bio-Sensors**

17. Number of faculty with ongoing projects from

National	**Dr. Tanuj Kumar** **Projects Sanctioned:** 1. Fast track Young Scientist, SERB -DST New Delhi, Amount: Rs. 14,30,000/- 2.IUAC-UFR Project, IUAC New Delhi, Rs. 10 lac **Dr. Pawan Kumar** Devlopment of Novel NMOF based sensor for VOCs for practical application Funding Agency: SERB (DST) New Delhi Project Grant: Rs 24.51 lac
International funding agencies and	Nil
Total grants received. Give the names of the funding agencies, project title and grants received project-wise.	**Dr. Tanuj Kumar** **Projects Sanctioned:** 1. Fast track Young Scientist, SERB -DST New Delhi, Amount: Rs. 14,30,000/- Title: Fabrication and Transport characteristics of Silicon Nanowire 2.IUAC-UFR Project, IUAC New Delhi, Rs. 10 lac Title: Role of amorphous/crystalline interface in surface pattering using ion beam

	Dr. Pawan Kumar Devlopment of Novel NMOF based sensor for VOCs for practical application Funding Agency: SERB (DST) New Delhi Project Grant: Rs 24.51 lac

18. Inter-institutional collaborative projects and associated grants received

National collaboration	
International collaboration	

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil, We are in the process of submitting the proposal of DST-FIST and UGC-SAP

20. Research facility / centre with

State Recognition	Nil
National Recognition	
International Recognition	Nil

Note: The department is in the process of setting up research labs on its own as well as through MoUs with research institutions, industry and Universities for which due recognition/accreditation will be sought.

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

Number of papers published in peer reviewed journals (national / international)	89
Monographs	00
Chapters in Books *	00
Edited Books	00

Books with ISBN with details of publishers	00
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	(70-140) /112
SNIP	*
SJR	*
Impact Factor – range / average	(0.5-32)/3.9
h-index	26

***These are journal metrics for Elsevier Science journals. Since the number of articles published in different Elsevier Science journals is large, it is difficult to provide SNIP and SJR values for all the articles published in different journals.**

For more information Refer to Annexure "D"

Faculty Wise publications Detail:

1. Dr. Vishal Singh

Peer-Reviewed Publications

1. K. K. Bamzai, **Vishal Singh**, Nidhi, P. N. Kotru, B. M. Wanklyn, **Dielectric Anisotropy of Flux Grown 1% Samarium Doped Gadolinium Vanadate (Sm: $GdVO_4$)"**, Ferroelectrics, 392 (2009) 55-70. (ISSN*:* 0015-0193).
2. K. K. Bamzai, **Vishal Singh,** Nidhi, P. N. Kotru, B. M. Wanklyn, **"Microhardness and Fracture Mechanics of Flux Grown Samarium Doped Gadolinium Vanadate (Sm: $GdVO_4$)",** Journal of Physics and Chemistry of Solids 71 (2010) (1428-1434).
3. K. K. Bamzai, **Vishal Singh**, Nidhi, P. N. Kotru, B. M. Wanklyn, **"Micromechanical Characteristics of Flux Grown $SmAlO_3$ Single Crystal",** Strength of Material**,** 42 (2010) 387-395. : ISSN: 0039-2316 (print version) 1573-9325 (electronic version).
4. **Vishal Singh**, K. K. Bamzai, Nidhi, Shivani Suri, **"Microstructural, Thermal and Dielectric Characteristics of Yttrium Modified Lead Titanate Ceramics"** Integrated Ferroelectrics, 116 (2010) 82-100. (ISSN: 1058-4587).
5. Shivani Suri, K. K. Bamzai, **Vishal Singh**, **"Growth and Thermal Kinetics of Pure and Cadmium Doped Barium Phosphate Single Crystal",** Journal of Thermal Analysis & Calorimetry, 105 (2011) 229–238. (ISSN: 1388-6150).
6. **Vishal Singh,** K. K. Bamzai, Shivani Suri, Nidhi**, "Preparation, Structural and Electrical Characterization of Praseodymium Modified Lead Titanate",** Journal of Ceramic International, 37 (2011) 2655-2662 (ISSN: 0272-8842).
7. Shivani Suri, K. K. Bamzai, **Vishal Singh**, **"Dielectric and Ac Conductivity Studies on Pure and Doped Cadmium Doped Barium Phosphate Crystals",** Journal of Ferroelectrics, 423 (2011) 94-104. (ISSN*: 0015-0193).*
8. Shivani Suri, K. K. Bamzai, **Vishal Singh**, **"Synthesis, Characterization, Thermal and Dielectric Properties of Pure and Cadmium Doped Calcium Hydrogen Phosphate"**, Journal of Material

Chemistry and Physics, 135(2012)158-167. (ISSN: 0254-0584).

9. K. K. Bamzai, Nidhi Kachroo, **Vishal Singh** and Seema Verma **"Synthesis, Characterization and Thermal Decomposition of Pure and Dysprosium Doped Yttrium Phosphate System",** Journal of Materials (Hindawi Publishing Corporation), Volume 2013, ID 359514. (ISSN: 2314-4866 (Print) ISSN: 2314-4874 (Online).
10. Rimpy Gupta, Haq N. Sheikh, Bansi L. Kalsotra, **Vishal Singh "Synthesis, Characterization of Isothiocyanato Complexes of Dioxotungesten (VI) with Mannich Base Ligands: Precursors For The Preparation of Pure Phase Nanosized Tungsten (VI) Trioxide Dioxotungsten (VI) Isothiocyanato Complexes With Mannich Bases: Precursors For WO_3",** Journal of Saudi Chemical society, DOI:10.1016/j.jscs.2013.02.009, (ISSN: 1319-6103).
11. **Vishal Singh,** Shivani Suri, and K. K. Bamzai, **"Mechanical Behaviour and Fracture Mechanics of Praseodymium Modified Lead Titanate Ceramics Prepared by Solid-State Reaction Route",** (Hindawi Publishing Corporation) Journal of Ceramics, Volume, 2013, Article ID 280605, ISSN: 2090-8628 (Print) ISSN: 2090-8644 (Online).
12. K. K. Bamzai, Rashmi Gupta, Shivani Suri, **Vishal Singh, "Dielectric Behavior of Mixed Cadmium Magnesium Hydrogen Phosphate Crystal",** Advanced Materials Letters, 5(2) (2014) 89-95. (ISSN: 0976-3961).
13. K. K. Bamzai, R. K. Koul, Shivani Suri, **Vishal Singh, " Growth, Characterization And Dielectric Studies Of Yttrium Heptamolybdate System By Gel Method",** Scholars Research Library, Archives of Physics Research, 4(5) (2013) 13-23. (ISSN: 0976-0970).
14. K. K. Bamzai, Goldy Slathia, Bindu Raina, Rashmi Gupta, Seema Verma, Shivani Suri, and **Vishal Singh, "Preparation of Samarium Doped Calcium Hydrogen Phosphate and Study of Its Density and Thermal and Dielectric Characteristics",** Indian Journal of Materials Science (Hindawi Publishing Corporation), Volume 2014, Article ID 609463, http://dx.doi.org/10.1155/2014/609463 (ISSN:2314-7490).
15. Shivani Suri, **Vishal Singh**, K. K. Bamzai, **"Effect of Neodymium Doping on Structural, Microscopic and Electrical Properties of Barium Phosphate System",** Journal of Advance Dielectrics, [World Scientific] Volume 4 (2014) Article in press (ISSN: 2010-1368).
16. Karan Singh, **Vishal Singh**, Rashmi Gupta, K. K. Bamzai **Structural, Dielectric, Piezoelectric and Ferroelectric Behaviour of Rare Earth Double Doped Lead Ttitanate Ceramics Synthesized by Solid State Method",** *IOSR Journal of Applied Physics (IOSR-JAP) e-ISSN: 2278-4861.Volume 6, Issue 4 Ver. I (Jul-Aug. 2014), PP 08-14*
17. **Seema Verma, Vishal Singh, Bindu Raina, K.K.Bamzai, "Structural, Optical, Electrical Characteristics of Synthesized Nanoparticles of Cerium Orthophosphate", International Journal of Chem Tech Research, CODEN (USA): IJCRGG ISSN : 0974-4290, Vol.6, No.6, pp 3297-3299, Aug-Sep 2014**
18. **Rashmi Gupta, Seema Verma, Vishal Singh, and K. K. Bamzai, "Preparation, Structural, Electrical, and Ferroelectric Properties of Lead Niobate–Lead Zirconate–Lead Titanate Ternary System"** Journal of Ceramics, Volume 2015, Article ID 835150, http://dx.doi.org/10.17265/2161-6221/2014.10.004.
19. Karan Singh, **Vishal Singh**, Rashmi Gupta, K. K. Bamzai **Preparation, Characterizaton, Dielectric, Piezoelectric and Ferroelectric properties of yattrium and praseodymum Doped Lead Ttitanate Ceramics",***Journal of Materials and engineering B4 (10) I (2014), PP 293-301.*
20. **Ajay Singh, Vishal Singh, K. K. Bamzai, "Structural and magnetic studies on $xPbTiO_3$-(1-x)**

$SrFe_{12}O_{19}$ composite multiferrioc" Material Chemistry and Physics, 2015, 1-7, (ISSN: 0254-0584), http://dx.doi.org/10.1016/j.matchemphy.2015.02.004

2. Dr. Tanuj Deswal

Peer-Reviewed Publications

1. **Tanuj Kumar,** A. Kumar, D. Kanjilal, An approach to tune the amplitude of surface ripple patterns, **Appl Phy Lett 103 (2013) 131604.Impact factor:** 3.1, **Print: ISSN 0003-6951, Online: ISSN 1077-3118**
2. **Tanuj Kumar, M. Kumar, G. Gupta, R.K. Pandey, S. Verma, D. Kanjilal, Role of surface composition in morphological evolution of GaAs nano-dots with low-energy ion irradiation, Nanoscale Res Lett, 7 (2012) 552., Impact factor: 2.7, ISSN no.: 1556-276X (electronic version).**
3. **Tanuj Kumar**, S.A. Khan, U.B. Singh, S. Verma, D. Kanjilal, Formation of nanodots on GaAs by 50 keV Ar+ ion irradiation, **Appl Surf Sci, 258 (2012) 4148-4151**., **Impact factor: 3.1 ISSN no.: 0169-4332 (electronic version).**
4. **Tanuj Kumar**, M. Kumar, S. Verma, D. Kanjilal, Fabrication of ordered ripple patterns on GaAs (100) surface using 60 keV Ar+ beam irradiation, **Surface Engineering 29 (2013) 543.Impact factor: 1.1,**Print ISSN: 0267-0844, Online ISSN: 1743-2944
5. S. Verma, P. Kumsi, **T. Kumar**, D. Kanjilal, In-situ Investigation of Current Transport across Pt/n-Si (100) Schottky Junction during 100 MeV Ni+ 7 Ion Irradiation, **Device and Materials Reliability, 13 (2013) 98., Impact factor: 1.516,** ISSN: 1530-4388
6. **Tanuj Kumar, Ashish Kumar, N. P. Lalla, SonuHooda, Sunil Ojha, ShammiVerma, and D. Kanjilal, Role of ion beam induced solid flow in surface patterning of Si (100) using Ar ion, Appl Surf Sci, 283 (2013) 417-421.,Impact factor: 3.1,ISSN no.: 0169-4332 (electronic version).**
7. **Tanuj Kumar,** A. Kumar, D.C. Agarwal, N.P. Lalla, D. Kanjilal, Ion beam-generated surface ripples: new insight in the underlying mechanism,**Nanoscale Res Lett, 8 (2013) 336, 1-5. Impact factor: 2.7, ISSN no.: 1556-276X (electronic version).**
8. **Ashish Kumar, Tanuj Kumar, A. Hähnel, D. Kanjilal, R. Singh, Dynamics of modification of Ni/GaNSchottky barrier diodes irradiated at low temperature by 200 MeV Ag^{14+} ions,ApplPhy Lett.,104 (2014) 033507., Impact factor: 3.1, Print: ISSN 0003-6951, Online: ISSN 1077-3118**
9. M. Kumar, K.K. Parashar, S.K. Tandi, **T. Kumar**, D.C. Agarwal, A. Pathak, Fabrication of Ag: TiO 2 Nanocomposite Thin Films by Sol-Gel Followed by Electron Beam Physical Vapour Deposition Technique, **Journal of Spectroscopy, 2013 (2013) Article ID 491716. ,Impact factor: 0.8,** ISSN: 2314-4920 (Print), ISSN: 2314-4939 (Online)
10. **Tanuj Kumar,** U.B. Singh, M. Kumar, Sunil Ojha, S. Verma, D. Kanjilal, Tuning of ripple patterns and wetting dynamics of Si (100) surface using ion beam irradiation, **Current Applied Physics 14 (2014) 312-317.,** Impact factor: 2.2, ISSN: ISSN: 1567-1739.
11. Ratnesh K. Pandey, Manvendra Kumar, Saif A. Khan, **Tanuj Kumar**, Ambuj Tripathi, D. K. Avasthi, Avinash C. Pandey, Study of electronic sputtering in CaF2 thin films, **Appl Surf Sci, 289 (2014) 77-80. ,**Impact factor: 3.1, ISSN no.: 0169-4332 (electronic version).
12. M Kumar, **T Kumar,** DK Avasthi, Study of thermal annealing induced plasmonic bleaching in Ag:TiO2 nanocomposite thin films, **Scripta Materialia 105 (2015) 46-49Impact Factor: 3.2**
13. RP Yadav, **T Kumar**, AK Mittal, S Dwivedi, D Kanjilal, Fractal characterization of the silicon surfaces produced by ion beam irradiation of varying fluences, **Applied Surface Science 347 (2015) 706-712,** Impact factor: 3.1
14. Ratnesh K. Pandey, Manvendra Kumar, **Tanuj Kumar**, Avinash C. Yadav, Udai B. Singh, Saif A.

Khan, Ambuj Tripathi, D. K. Avasthi, Dynamic scaling of swift heavy ion induced surface restructuring of BaF2 thin film, **Materials Letters 143 (2015) 309-311**Impact factor: 2.4

15. S Hooda, B Satpati, S Ojha, **T Kumar**, D Kanjilal, D Kabiraj, Structural manipulation in Ge by swift heavy ions governed by electron–phonon coupling strength, **Materials Research Express 2 (4) (2015) 045903**
16. **Tanuj Kumar**, Manish Kumar, Vandana Panchal, PK Sahoo, D Kanjilal, Energy-Separated Sequential Irradiation for Ripple Pattern Tailoring on Silicon Surfaces, **Applied Surface Science 357 A (2015) 184-188,** Impact factor: 3.1
17. **T Kumar**, V Panchal, A Kumar, D Kanjilal, Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms, 379 (52-56) 2016.
18. S Hooda, B Satpati, **T Kumar**, S Ojha, D Kanjilal, D Kabiraj, Regrowth of Ge with different degrees of damage under thermal and athermal treatment, RSC Advances 6 (6), 4576-4586.

Conference Proceeding:

[1]. **Tanuj Kumar,** S. A. Khan, U. B. Singh, S. Verma and D. Kanjilal, Nano Pattern on n-Si (100) Surface by Ion Irradiation, **AIP Conference Proceedings, 1349 (2011)727-728.**ISSN: 1551-7616

[2]. ***Tanuj Kumar****, S. A. Khan, S. Verma and D. Kanjilal,* Nano structuring of GaAs(100) surface using low energy ion irradiation, **AIP Conference Proceedings, 1447 (2012)703-704.** ISSN: 1551-7616

[3]. S. Verma, **T. Kumar**, Sandeep Kumar and D. Kanjilal, Dependence of Schottky Barrier Height on Metal Work Function,**AIP Conference Proceedings, 1349, (2011) 1111-1112**. ISSN: 1551-7616

3. Dr. Pragati Kumar

Peer-Reviewed Publications

1. Lattice distortion in ion beam synthesized silicon nanocrystals in SiO_x thin films
   Nupur Saxena, **Pragati Kumar**, Avinash Agarwal and D. Kanjilal, Physica Status Solidi A, 209 (2012) 283, ISSN: 1862-6319, Impact Factor: 1.616
2. ***Nanotwinning in CdS quantum dots,*** **Pragati Kumar**, Nupur Saxena, F. Singh and Avinash Agarwal, Physica B: Condensed Matter, 407 (2012) 3347, ISSN: 0921-4526, Impact Factor: 1.319
3. **Opto-structural studies of well dispersed silicon nanocrystals grown by atom beam sputtering, Nupur Saxena, Pragati Kumar, D. Kabiraj and D. Kanjilal,Nanoscale Research Letters, 7 (2012) 547, ISSN: 1556-276X, Impact Factor: 2.779**
4. Nanotwinning and structural phase transition in CdS quantum dots
   Pragati Kumar, Nupur Saxena, Ramesh Chandra, Vinay Gupta, Avinash Agarwal and D. Kanjilal,Nanoscale Research Letters, 7 (2012) 584,, ISSN: 1556-276X, Impact Factor: 2.779
5. SHI induced enhancement in green emission from nanocrystalline CdS thin films for photonic applications, **Pragati Kumar**, Nupur Saxena, Ramesh Chandra, Kun Gao, Shengqaing Zhou, Avinash Agarwal, Fouran Singh, Vinay Gupta and D. Kanjilal,J. Luminescence, 147 (2014) 184, **ISSN: 0022-2313, Impact Factor: 2.719**
6. Effect of swift heavy ions on pulsed laser deposited Ag doped CdS nanocrystalline thin films, **Pragati Kumar**, Nupur Saxena, Vinay Gupta, Kun Gao, Fouran Singh and Avinash Agarwal ,Advanced Science Letters 20 (2014) 977, **ISSN: 1936-6612, Impact Factor: 1.253**
7. Correlation between surface phonon mode and luminescence in nanocrystalline CdS thin films: an effect of ion beam irradiation, **Pragati Kumar**, Nupur Saxena, Vinay Gupta, F. Singh and Avinash Agarwal,***Journal of Applied Physics 116 (2014)043517, ISSN: 0021-8979, Impact Factor: 2.183***
8. **Swift heavy ion induced functionality in nanocrystalline CdS thin films: Role of growth**

temperature , Pragati Kumar, Nupur Saxena, F. Singh, Avinash Agarwal and Vinay Gupta, **Advanced Materials Letters 6 (2015) 820**
ISSN: 0976-3961, Impact Factor: 1.90

9. CdS:SiO_2 nanocomposite as luminescence based wide range temperature sensor
Nupur Saxena, Pragati Kumar, and Vinay Gupta,RSC Advances, 5 (2015) 73545, **Publisher: Royal Society of Chemistry, ISSN: 2046-2069, Impact Factor: 3.84**
10. **Giant UV-sensitivity in nanocrystalline CdS thin films by ion irradiation**
Pragati Kumar, Nupur Saxena, Sheetal Dewan, Fouran Singh, and Vinay Gupta ,RSC Advances, 6 (2016) 3642 ,**Publisher: Royal Society of Chemistry, ISSN: 2046-2069, Impact Factor: 3.84**
11. **Highly luminescent CdS/$Cd_{0.99}Ag_{0.01}S$:SiO_2 nanocomposite thin films grown by PLD using target swapping method,Pragati Kumar, Nupur Saxena, Avinash Agarwal, and Vinay Gupta,** J. Luminescence, 2016, **Publisher: Elsevier, ISSN: 0022-2313, Impact Factor: 2.719**
12. **SHI induced structural phase generation and enhanced luminescence from CdS based nanocomposites, Pragati Kumar, Nupur Saxena, Fouran Singh, and Vinay Gupta,** Surface and coating Tecnology, DOI: http://dx.doi.org/10.1016/j.surfcoat.2016.06.082, **ISSN: 0257-8972, Impact Factor: 2.139**
13. **Formation of luminescent Si nanocrystals by ion beam irradiation, Nupur Saxena, Pragati Kumar, Vinay Gupta, D. Kabiraj and D. Kanjilal,** Surface and coating Tecnology, DOi: http://dx.doi.org/10.1016/j.surfcoat.2016.06.071, **ISSN: 0257-8972, Impact Factor: 2.139**

4. Dr. Pawan Kumar

Peer-Reviewed Publications

1. Vasudha Bansal, Pawan Kumar, Eilhann E. Kwon, Ki-Hyun Kim: Review of the Quantification Techniques for Polycyclic Aromatic Hydrocarbons (PAHs) in Food Products. Critical reviews in food science and nutrition 11/2016; DOI:10.1080/10408398.2015.1116970
2. Ki-Hyun Kim, Jan E. Szulejko, Hyo-Jae Jo, Min-Hee Lee, Yong-Hyun Kim, Eilhann Kwon, Chang-Jin Ma, Pawan Kumar: Measurements of major VOCs released into the closed cabin environment of different automobiles under various engine and ventilation scenarios. Environmental Pollution 08/2016; 215. DOI:10.1016/j.envpol.2016.05.033
3. Kowsalya Vellingiria, Ki-Hyun Kima, Jong-Myoung Limb, Jin-Hong Leec, Chang-Jin Mad, Byong-Hun Jeone, Jong-Ryeul Sohnf, Pawan Kumarg, Chang-Hee Kangh: Identification of nitrogen dioxide and ozone source regions for an urban area in Korea using back trajectory analysis. Atmospheric Research 07/2016; 176-177. DOI:10.1016/j.atmosres.2016.02.022
4. Kowsalya Vellingiri, Jan E. Szulejko, Pawan Kumar, Eilhann E. Kwon, Ki-Hyun Kim, Akash Deep, Danil W. Boukhvalov, Richard J. C. Brown: Metal organic frameworks as sorption media for volatile and semi-volatile organic compounds at ambient conditions. Scientific Reports 06/2016; 6. DOI:10.1038/srep27813
5. Pawan Kumar, Ki-Hyun Kimb: Recent progress and innovation in carbon capture and storage using bioinspired materials. Applied Energy 06/2016; 172. DOI:10.1016/j.apenergy.2016.03.095
6. Kumar P., Kim K.-H: Recent progress and innovation in carbon capture and storage using bioinspired materials. Applied Energy 06/2016; 172.
7. Pawan Kumar, Ki-Hyun Kim, Vasudha Bansal, Ashok Kumar Paul, Akash Deep: Practical utilization of nanocrystal metal organic framework biosensor for parathion specific recognition. Microchemical Journal 04/2016; 128. DOI:10.1016/j.microc.2016.04.008
8. Jyotsana Mehta, Sanjeev K. Bhardwaj, Neha Bhardwaj, A. K. Paul, Pawan Kumar, Ki-Hyun Kim,

Akash Deep: Progress in the biosensing techniques for trace-level heavy metals. Biotechnology Advances 01/2016; 34(1). DOI:10.1016/j.biotechadv.2015.12.001
9. Pawan Kumar, Ki-Hyun Kim, Eilhann E. Kwon, Jan E. Szulejko: Metal organic frameworks for the control and management of air quality: Advances and future direction. Journal of Materials Chemistry 01/2016; 4(2). DOI:10.1039/C5TA07068F
10. Pawan Kumar, Ki-Hyun Kim, Eilhann E. Kwon, Jan E Szulejko: Metal–organic frameworks for the control and management of air quality: advances and future direction. Journal of Materials Chemistry 01/2016; 4.
11. Sanjeev K. Bhardwaj, Neha Bhardwaj, Girish C Mohanta, Pawan Kumar, Amit L Sharma, Ki-Hyun Kim, Akash Deep: Immunosensing of Atrazine with Antibody-Functionalized Cu-MOF Conducting Thin Films. ACS Applied Materials & Interfaces 12/2015; 7(47). DOI:10.1021/acsami.5b07692
12. Pawan Kumar, Vasudha Bansal, A. K. Paul, Lalit M. Bharadwaj, Akash Deep, Ki-Hyun Kim: Biological applications of zinc imidazole framework through protein encapsulation. 12/2015; DOI:10.1007/s13204-015-0511-x
13. Pawan Kumar, Akash Deep, Ki-Hyun Kim: Metal organic frameworks for sensing applications. TrAC Trends in Analytical Chemistry 11/2015; 73.
14. Pawan Kumar, Ki-Hyun Kim, Akash Deep: Recent advancements in sensing techniques based on functional ma-terials for organophosphate pesticides. Biosensors & Bioelectronics 08/2015; 70.
15. Pawan Kumar, Akash Deep, Ki-Hyun Kim: Metal organic frameworks for sensing applications. TrAC Trends in Analytical Chemistry 07/2015; DOI:10.1016/j.trac.2015.04.009
16. Pawan Kumar, Akash Deep, Ki-Hyun Kim, Richard J C Brown: Coordination polymers: Opportunities and challenges for monitoring volatile organic compounds. Progress in Polymer Science 06/2015; 45. DOI:10.1016/j.progpolymsci.2015.01.002
17. Pawan Kumar, Ki-Hyun Kim, Akash Deep: Recent advancements in sensing techniques based on functional materials for organophosphate pesticides. Biosensors & Bioelectronics 06/2015; DOI:10.1016/j.bios.2015.03.066
18. Pawan Kumar, Vasudha Bansal, Akash Deep, Ki-Hyun Kim: Synthesis and energy applications of metal organic frameworks. Journal of Porous Materials 04/2015; 22. DOI:10.1007/s10934-015-9910-3
19. Akash Deep, Sanjeev Kumar Bhardwaj, A. K. Pau, Ki-Hyun Kim, Pawan Kumar: Surface assembly of nano metal organic framework on amine functionalized indium tin oxide substrate for impedimetric sensing of parathion. Biosensors & Bioelectronics 03/2015; 65. DOI:10.1016/j.bios.2014.10.045
20. Akash Deep, Rajnish Kaur, Parveen Kumar, Pawan Kumar, A K Paul: Assembly of Europium Organic Framework - Gold Nanoparticles Composite Thin Films on Silicon Substrate,. Thin Solid Films 06/2014; 565. DOI:10.1016/j.tsf.2014.06.034
21. Pawan Kumar, A. K. Paul, Akash Deep: A luminescent nanocrystal metal organic framework for chemosensing of nitro group containing organophosphate pesticides. Analytical methods 05/2014; DOI:10.1039/C3AY42189A
22. Pawan Kumar, Parveen Kumar, Lalit M. Bharadwaj, A.K. Paul, Akash Deep: Luminescent nanocrystal metal organic framework based biosensor for molecular recognition. Inorganic Chemistry Communications 05/2014; 43. DOI:10.1016/j.inoche.2014.02.022
23. Pawan Kumar, A. K. Paul, Akash Deep: Sensitive Chemosensing of Nitro Group Containing Organophosphate Pesticides with MOF-5. Microporous and Mesoporous Materials 04/2014; DOI:10.1016/j.micromeso.2014.04.017
24. Pawan Kumar: Luminescent Nanocrystal Metal Organic Framework Based Biosensor for Molecular

Recognition. Inorganic Chemistry Communications 02/2014;
25. Parveen Kumar, Pawan Kumar, Lalit M Bharadwaj, Ashok K. Paul, Sukesh C Sharma, Preeti Kush, Akash Deep: Aqueous Synthesis of L-Cysteine StabilizedWater-Dispersible CdS:Mn Quantum Dots for Biosensing Applications. BioNanoScience 02/2013; 3(2). DOI:10.1007/s12668-013-0078-5
26. Pawan Kumar, Akash Deep, A. K. Paul, L. M. Bharadwaj: Bioconjugation of MOF-5 for molecular sensing. Journal of Porous Materials 02/2013; DOI:10.1007/s10934-013-9752-9
27. Deep, P. Kumar, A. Kumar, A. Thakkar: Dry blood spot technique: A review. International Journal of Pharmaceutical Sciences Review and Research 07/2012; 15(2).
28. Pawan Kumar, Parveen Kumar, Akash Deep, Lalit M. Bharadwaj: Synthesis and conjugation of ZnO nanoparticles with bovine serum albumin for biological applications. 04/2012; 3(2). DOI:10.1007/s13204-012-0101-0
29. Pawan Kumar Parveen Kumar Akash Deep Lalit M. Bharadwaj: Synthesis and conjugation of ZnO nanoparticles with bovine serum albumin for biological applications.
30. Akash Deep, Kamal Kumar, Parveen Kumar, Pawan Kumar, Amit L Sharma, Bina Gupta, Lalit M Bharadwaj: Recovery of Pure ZnO Nanoparticles from Spent Zn-MnO2 Alkaline Batteries. Environmental Science & Technology 11/2011; 45(24). DOI:10.1021/es201744t

23. Details of patents and income generated

Nil, There are no patents as of now but we are in the process of establishing research laboratories through which it is hoped that we may be able to develop new cutting edge and innovative technologies which can be patented.

24. Areas of consultancy and income generated

Nil, The department does not offer any consultancy services at present. However, the department is in the process of formalizing partnerships with different research institutions and industries and engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad

Dr. Vishal Singh: Selected by the Hungarian Academy of Sciences for School on Neutron Scattering at Budapest, Hungary.

26. Faculty serving in

National committees	Nil
International committees	Nil
Editorial Boards	Nil
Any other (please specify)	Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Yes.

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards / recognitions received at the national and international level by

Faculty	**Fast Track Young Scientist Award (National)** **1. Dr. Tanuj Kumar** **2. Dr. Pawan Kumar**
Doctoral / post doctoral fellows	Dr. Pawan Kumar
Students	*

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.

For more information Refer to Annexure "D"

31. Code of ethics for research followed by the departments

Yes, the department follows the code of ethics for research by adopting following measure: All research works are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily.

32. Student profile programme-wise:

Name of the Programme	**Applications received**	**Selected**		**Pass Percentage**	
		Male	**Female**	**Male**	**Female**
2016-2017					
M.Sc. Materials Science		12	7	NA (Fist Sem started only)	NA

33. Diversity of students

Name of the Programme	**% of students from the same university**	**% of students from other universities within the State**	**% of students from universities outside the State**	**% of students from other countries**
Session 2013-14				
M.Sc. Materials Science	0	21	79	0

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

General	0
OBC	0
ST	0
Total	0

The first batch has just joined the M.Sc. programme.

35. Student Progression

Student Progression	**Percentage against enrolled**
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • **Campus selection** • **Other than campus recruitment**	Nil Nil
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	0%
from other universities within the State	25%
From universities from other States	75%
From universities outside the country	0%

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

04 Faculty members were awarded Ph.D. degree between 2010 and 2016.

& 02 were awarded M.Phil.

38. Present details of departmental infrastructural facilities with regard to

Library	Central Library
Internet facilities for staff and students	Yes
Total number of class rooms	01
Class rooms with ICT facility	01
Students' laboratories	01
Research laboratories	Nil*

***To be established with the starting of Ph.D. programme and through collaborations with research institutes, industries and other universities.**

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	01 JRL
From other institutions/universities	+03

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback? -	Yes, through departmental meetings and the same is submitted for consideration of academic bodies.
Students on staff, curriculum and teaching learning-evaluation and how does the department utilize the feedback? -	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	No

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.

- **Structured Lectures,**
- **Assignments,**
- **Laboratory experiments,**
- **Power point Presentations,**
- **Hands-on training,**
- **Seminars,**
- **One semester project work,**
- **e-Learning materials from different Open Educational Resources (OER) both national and international provided to the students,**
- **Tutorials in class,**
- **One to one discussion.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni. From this academic session, the department completely adopted CBCS based curriculum in order to achieve and further the inter and multi-disciplinary approach amongst students to enable them for competing at the global level.

47. Highlight the participation of students and faculty in extension activities.
Nil

48. Give details of "beyond syllabus scholarly activities" of the department.
For more information Refer to Annexure "D"

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
The department is in the process of the first cycle of NAAC accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

i. **Students and Faculty members are involved in designing of several scientific working models of real systems to understand the basic & applied knowledge of underlying hidden principle.**

ii. **Group discussion among the students is one of the major activities of our department and this promotes the development of interesting and striking ideas.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

i. **Good Student teacher ratio.**
ii. **Labs with curricula based and along with classrooms to help students grasp basic and applied aspects of the discipline.**
iii. **Teaching faculty with diverse areas of specialization which contributes to comprehensive knowledge base of the students**
iv. **Focussed approach towards establishing state of the art teaching and research facilities through collaborations with leading Research Institutions and industry.**
v. **Self-motivated and research oriented faculty members with expertise in different research areas acting as drivers for the Department's future research footprint.**

Weakness

i. **Lack of infrastructure**
ii. **All faculty positions not filled**
iii. **Lack of Technical staff in the laboratories.**
iv. **Lack of a departmental library for faculty and students.**
v. **Lack of space for teaching and research facilities as new academic blocks are under construction.**

Opportunities

i. **As the department has faculty members working in both theoretical and experimental aspects of the discipline, hence a comprehensive development in teaching and research facilities covering both aspects can be ensured.**
ii. **The University is in the proximity of the National Capital which has number of research institutions in and around it working in pure and applied aspects of the discipline hence possible to form collaborations for research and training purposes.**
iii. **As there is no developed University in the nearby areas hence the department can take lead in offering quality post graduate and research programs to the students.**
iv. **Since the department has recently been established with a young and dynamic faculty hence there is tremendous potential to develop the department as a Centre of Excellence in the discipline.**
v. **Being a central university, there is a good opportunity to develop centralized computational and experimental research facilities through various major and minor research projects with financial assistance obtained through funding agencies that will benefit the teaching-learning community from the entire region.**

Challenges

i. **No research project due to lack of infrastructural facility**
ii. **Being a relatively new department, the infrastructure is still in the process of being developed.**
iii. **Research facilities still need to be developed.**
iv. **Senior faculty to be reputed.**
v. **Geographical barriers cause hindrance in the development of beneficial collaborations.**
vi. **Systematic start of Ph.D. programme.**

52. **Future plans of the department.**

i. Research Awareness Activity: On regular basis, Conference/Seminar/Workshop and Talks would be organised in the Department to develop and nurture scientific temper and research motivation amongst the students. For example, one conference/seminar in each semester and one workshop in each year may be organized/conducted. Winter/Summer Projects/Program would also be arranged.

ii. Research Projects: In order to achieve sufficient funding for developing our own department, several innovative experimental and theoretical projects would be developed.

iii. Collaborative Research, the department shall endeavour to in near future have national and international collaborations on a wide scale.

iv. Departmental Library: The department shall built its own library consisting of sufficient number of standard books and journals.

v. Central & Advanced Instrumentation Facility: This unit shall have various sophisticated and state of art instruments and experimental facilities that may be used by various departments.

vi. Central High Performance Computational Facility: This unit shall have Cluster Computing facility so that various departments could use this for large scale simulations/numerical computations.

vii. Restructuring of Courses: While restructuring the syllabus/courses, major emphasis shall be on providing useful skills that can be utilised beyond the conventional area. For example, in Materials Science relevant theoretical, computational and experimental methods and techniques that are presently on high demand should be taught properly. Choices in the elective courses may be exhaustive so that students may be able to identify their future interest correctly, especially in PhD course work.

viii. Focus of teaching activity: To produce the best and highly self-motivated master students who would be able to easily opt for career in research, and they would be able to qualify various examinations such as NET, GATE, BARC, DRDO, JEST, etc.

EVALUATIVE REPORT OF DEPARTMENT

EDUCATIONAL STUDIES

1. Name of the Department: **Department of Educational Studies**

2. Year of Establishment**: 2012**

3. Is the Department part of a School/Faculty of the university?
Department is a part of School of Education, Central University of Jammu

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
- Programme at Post Graduate Level: M.Ed. Master of Education
- Research Programme: Integrated M.Phil.-Ph.D. Programme in Education

5. Interdisciplinary programmes and departments involved:
- No. of Interdisciplinary programmes on offer: 05
- Details of the Interdisciplinary programmes on offer:
  - MEDU-175: Basic Application of Statistics
  - MEDU-275: Education in India Issues and Concerns
  - MEDU-375: Introduction to Guidance and Counselling
  - MEDU-475: Art of Teaching
  - MEDU-575: Understanding Learner

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Department of Educational Studies is a party to the MoU signed on October 28, 2015 by the Central University of Jammu, Central University of Kashmir and Central University of Himachal Pradesh for smooth development and quality of higher education in the region.

7. Details of programmes discontinued, if any, with reasons: **N/A**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Semester System & CBCS

9. Participation of the department in the courses offered by other departments:
Under the scheme of Interdisciplinary courses , the Department undertakes various courses which are directly connected with the Discipline of Education.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	**Filled**	**Actual (including CAS & MPS**
Professor	2	Nil	01
Associate Professors	4	Nil	
Assistant Professors	11	4	05

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D/M.Phil students guided
Prof. Lokesh K. Verma	Ph.D (Education)	Head of the Department	Educational Measurement and Evaluation , Educational Research &Teacher Education	40	Ph.D.-20 M.Phil.-43
Dr. Kiran	Ph. D, M.Com., M.Ed., M.Phil, UGC-NET	Assistant Professor	Inclusive Education, Teacher Education	6	
Dr. Parmod Kumar	M.A(Pol.Sci.), B.Ed, M.Ed, M.Phil.(Edu.), Ph.D.(Edu.) & Higher Diploma in Software Engineering (HDSE), UGC-NET	Assistant Professor	Elementary / Secondary Education, Educational Technology & Teacher Education, Inclusive Education, Teaching of Social Studies	11 years 7 months	Ph.D - 4 M.Phil.-3
Dr. J. N. Baliya	M.Sc. (Maths), M.Ed., M.A. (Sociology) Ph.D. (Education) UGC-NET	Assistant Professor	Educational Research and Statistics, Curriculum Development & Educational Technology.	27	Ph.D.-3 (Work in progress) M.Phil. - 3)
Dr. Ritu Bakshi	Ph.D., M.Phil., NET (Education) M.Phil., NET (Sociology) PGDHE, PGRD, PGJMC	Assistant Professor	Sociological Bases of Education, Teacher Education, Educational Philosophical	12	Ph.D. -1 (Work in progress) M.Phil.-3
Dr. Aman	M.Sc. (Maths), M.A.(Sociology) M.Ed., Ph.D. (Education) UGC-NET	Assistant Professor	Educational Measurement Evaluation, Teacher Education & Tribal Education	16	M.Phil. -1

12. List of senior visiting fellows, adjunct faculty, emeritus professors
13. Percentage of classes taken by temporary faculty – programme-wise information
14. Programme-wise Student Teacher Ratio: **9.67:1**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

S. No.	Sanctioned	Filled	Actual
1			2

16. Research thrust areas as recognized by major funding agencies

1. Teacher Education
2. Inclusive Education
3. Curriculum Development
4. Psychological Aspects of Educational Psychology
5. Educational Technology
6. Elementary/Secondary/Higher Education

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.
Since the Department has been established w.e.f the academic session 2012-13, the newly appointed faculty have sent the project proposals to various national/international level funding agencies for respective grants.
18. Inter-institutional collaborative projects and associated grants received **N/A**
a) National collaboration b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

S.No.	Title	Name of the Principal Investigator/ Co-Principal Investigators	Sponsoring Agency	Grant/ Amount Mobilized (Rs lacs)
1.	Psycho-Social Attributes of Migrant Adolescents studying in High **Schools of Jammu Province"**	Prof. Lokesh Verma Dr. Aman	Submitted to ICSSR in 2015 for Financial Assistance (Result Awaited)	22.50 lacs
2.	"Evaluative Study of *Role and Functions* of School Management Committees at Elementary School level in Jammu Division of Jammu and Kashmir State"	Dr Parmod Kumar	Submitted to ICSSR in 2015 for Financial Assistance (Result Awaited)	
3.	Universalisation of Elementary Education in the Context of Implementation of SSA in Jammu Division :An Evaluation Study	Dr Parmod Kumar	Submitted to Central University of Jammu in 2015 for Financial Assistance (Decision with regard to its approval is still awaited)	
4.	Sustainable University and School Partnership: An Outreach Approach to Capacity Building of Secondary School Teachers and Students of Vijaypur Zone of District Samba	Dr. J N Baliya Dr. Ritu Bakshi Dr. Aman	Central University of Jammu	3.60 lacs
5.	Gendered Discourses in Schools of J&K and Himachal Pradesh: Towards Gender Sensitive Pedagogy (Submitted for Approval)	Dr. J N Baliya Dr. Ritu Bakshi Dr. Aman	ICSSR , New Delhi	37.52 lacs

20. Research facility / centre with
- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : **N/A**

22. Publications:

S. No.	Item	Number
1	Number of papers published in peer reviewed journals (national / international)	52
2	Number of papers published in the conferences /seminars etc	15
3	Monographs	
4	Chapters in Books	9
5	Edited Books	6
6	Laboratory Manuals	
7	Articles	
8	Editorials	
9	Books with ISBN with details of publishers	6
10	Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database International Social Sciences Directory, EBSCO host, etc.)	
11	Other Publications(learning Material/ Modules, Report, Resource Material, Training Package)	22
12	Citation Index – range / average	
13	SNIP /SJIP	
14	SJR	
15	Impact Factor – range / average	
16	h-index	

23. Details of patents and income generated :**N/A**

24. Areas of consultancy and income generated

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad :**N/A**

26. Faculty serving in National committees b) International committees c) Editorial Boards d) any other (please specify)

1. Prof. Lokesh K Verma

Associated with various academic bodies like NAAC, NCTE, UGC, ICSSR and different Universities as Member, Board of Studies, Academic Council, INTEL, Selection Committees as expert, member of Professional Bodies and Editorial Board of leading journals in Education.

i. Member, Editorial Board, MIER Journal of Educational Studies, Trends and Practices(MJESTP). ISSN :0976-8203
ii. Member, Editorial Board of Trends in Education, published by Khalsa College of Education
iii. Life Member, All India Association of Educational Research (AIAER)
iv. Life member, Indian Association of Teacher Educators (IATE)

2. Dr. Parmod Kumar

i. Life member of Council for Teacher Education, Haryana State Chapter vide Regd. No. 29-KNL-09.
ii. Life member (No. 3450) of All India Association for Educational Researc h, Bhubaneswar.
iii. Life member (No.P187) of Indian Association of Teacher Education(IATE).

3. Dr. J N Baliya

i. Member, Regional Advisory Committee (JR), Kendriya Vidyalaya Sangathan (KVS), New Delhi.
ii. Member, Joint Consultative Machinery(JCM), Kendriya Vidyalaya Sangathan (KVS), New Delhi
iii. Life member, Global Educational Research Association (GERA)
iv. Life member, All India Association of Educational Research(AIAER)
v. Life member, Indian Association of Teacher Educators (IATE)
vi. Life member, SITU Council of Educational Research
vii. Member, Editorial Board, MIER Journal of Educational Studies, Trends and Practices(MJESTP). ISSN :0976-8203.
viii. Member, Editorial Board, Modern Educational Research (A Quarterly Journal) . ISSN :0974-0554
ix. Member, Editorial Board, Himalayan Journal of Education & Psychological Research. ISSN :2319-6874
x. Member, Editorial-Advisory Board, Confluence of Knowledge : An International Multi-Disciplinary Refereed Journal. ISSN :2320-5237.

4. Dr. Ritu Bakshi

i. Member, Editorial Board, Himalayan Journal of Education & Psychological Research

5. Dr. Aman

i. Member, Editorial Board, Himalayan Journal of Education & Psychological Research ISSN :2319-6874.
ii. Member, Editorial Board, Gyankosh Journal of Educational Research ISSN: 2347-3290.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

i. Dr. Kiran attended **General Orientation Course** organized by Human Resource Development Centre, University of Jammu from December 14, 2015 to January 12, 2016.

ii. Dr. Parmod Kumar attended three days workshop on **'Essential Computing Techniques'** organised by Department of Computer Science and IT, Central University of Jammu on October 8-10, 2014.

iii. Dr Parmod Kumar attended two days National Workshop (under Centrally sponsored scheme of Teacher Education Programme, MHRD, Govt. of India) on the theme **'Techniques of Educational Research and other Issues'** organised by Shri Agrasen Snatkottar Shiksha Mahavidyalaya CTE, Keshav Vidyapeeth, Jamdoli, Jaipur, Rajasthan, India on October 27-28, 2015.

iv. Dr J N Baliya attended **General Orientation Course (GOC)** organised by Academic Staff College, University of Jammu, Jammu from 17-06-2014 to 14-07-2014 .

v. Dr. J. N. Baliya attended three days workshop on **'Essential Computing Techniques'** organised by Department of Computer Science and IT, Central University of Jammu on October 8-10, 2014.

vii. Dr J N Baliya attended two weeks Training Programme on **Quantitative Research Methodology** organised by **NUEPA**, New Delhi. from 05th -15th Jan,2015

viii. Dr. Ritu Bakshi attended **General Orientation Course** organized by Human Resource Development Centre, University of Jammu from December 14, 2015 to January 12, 2016.

ix. Dr. Ritu Bakshi attended three days workshop on **'Essential Computing Techniques'** organised by Department of Computer Science and IT, Central University of Jammu on October 8-10, 2014.

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects **The In-house projects and field projects have been an integral and vital components of the syllabi of Integrated M.Phil.-Ph.D. as well M.Ed. programmes of the Department. Henceforth, all students of the department are involved in the research projects as well as field projects as per the syllabi.**
- Percentage of students doing projects in collaboration with other universities industry / institute **Nil**

29. Awards / recognitions received at the national and international level by :

S No.	Name	Details of Award
1	Dr. J N Baliya	**Prof V.P. Sharma Memorial Award 2012** by **Psycho Linguistic Association of India** at **World Conference** organized by Global Education Research Association **(GERA)**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. **: Refer to Annexure "E"**

31. Code of ethics for research followed by the departments

a. All researches in the department are conducted with an ethic of respect for (i) person, (ii) democratic values (iii) knowledge,, (iv) quality of research and (v) academic freedom

b. Prior to the research process, all kinds of research proposals are discussed and debated in a seminar wherein all the faculty members and students participate. The proposals are subsequently approved by the faculty members keeping in view the vitality and feasibility of the proposed work.

c. The allotment of research topics or research area are based on professional skills and desirable level of understanding of the research scholar. In order to develop the desirable skills and knowledge, the department has a routine practice of conducting training programmes, workshop and interactive sessions, wherein the leading experts at national/international level are invited to harness the research skills of the faculty and the students..

d. The department helps students plan their researches carefully so as to minimize any adverse consequences (like intrusion, risk and discomfort) for the research participants. It is therefore mandatory for the researchers to obtain voluntary informed consent of the research participants before data collection by explaining to them the purposes of the research and intended use of the results.

e. The department believes in maintaining the sanctity and integrity in the research outputs. The researchers are required to maintain the confidentiality and anonymity of the research participants. They are instructed to use anonymous responses wherever possible; and keep their questionnaires/interviews, etc. as short and non-intrusive as possible. The researchers are discouraged to use deception and divulge any information relating to research participants obtained through research projects when confidentiality/ anonymity has been promised.

f. The researchers are instructed not to ask for information which is not needed for research; and to be sensitive to differences relating to age, culture, disability, race, sex, religion, sexual orientation etc. The researchers are required to ensure at all times the safety and well-being of the research participants vis-à-vis the research procedure, equipments and premises.

g. The quality of research work is inherited in its uniqueness and relevance to various domains of research culture. The department discourages any kind of plagiarism. The researchers are counseled to avoid plagiarism. They are given guidance relating to research ethics and copyrights, use of references and their citation so that the authors whose work is used for references are duly acknowledged.

h. The researchers are required to provide accurate, truthful and complete reports and disseminate the research outcomes through authorized and agreed channels, and ensure that the work is available for critical review. They are also supposed to share findings, wherever possible and appropriate, with the research participants.

32. Student profile programme-wise

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Ed.2012-13		15	27	86.67	92.59
M.Ed.2013-14		8	20	100	100
M.Ed.2014-15	471	6	20	100	100
M.Ed. 2015-17	1321	7	20	-	-
Integrated M.Phil-Ph.D 2012-13		2	1	100%	100%
Integrated M.Phil-Ph.D 2013-14		Nil	4	Nil	100%
Integrated M.Phil-Ph.D 2014-15	93	2	4	100%	100
Integrated M.Phil-Ph.D 2015-16	350	2	1	-	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other Universities within the State	% of students from universities outside the State	% of students from other countries
M.Ed.2012-13	Nil	97.6	2.4	Nil
M.Ed.2013-14	Nil	100	Nil	Nil
M.Ed.2014-15	Nil	96	4	Nil
Integrated M.Phil.-Ph.D. 2012-13	Nil	100	Nil	Nil
Integrated M.Phil.-Ph.D. 2013-14	40	40	20	Nil
Integrated M.Phil.-Ph.D. 2014-15	66.67	16.67	16.67	Nil

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

BATCH	NET/JRF		CATEGORY
M.ED. (2012-13)	NET- JRF	3	SC-2
	NET	7	SC-1
M.ED. (2013-14)	NET-JRF	2	ST-1
	NET	5	SC-1 OBC-3
M.ED. (2014-15)	NET	7	SC-5 OBC-2
Integrated M.Phil.- Ph.D. (2012-13)	NET- JRF	3	SC -1 OBC-1
Integrated M.Phil.- Ph.D. (2013-14)	NET JRF	3	SC-1
Integrated M.Phil.- Ph.D. (2014-15)	NET- JRF	1	SC-1
	NET	2	SC-1 ST-1

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil	46.15%
PG to Ph.D	
Ph.D to Post-Doctoral	
Employed ▪ Campus selection ▪ Other than Campus selection	About 90%
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	Nil
from universities from other States from	100
universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period **01**

38. Present details of departmental infrastructural facilities with regard to

A) Library:

At present we don't have any departmental library, however the faculty and the students are regularly using the main library of the University having sufficient numbers of books, journals and other reference material pertaining to the course content of different programs of the department. The details are as under:

No. of Books		1233
No. of Journals	Print	04
	Electronic	35

a	Internet facilities for staff and students	
b	Total number of class rooms	02
c	Class rooms with ICT facility	02
d	Students' laboratories	N/A
e	Research laboratories	N/A

39. List of doctoral, post-doctoral students and Research Associates
From the host institution/university 16 Students pursuing Integrated M.Phil Ph.D Programme

40. Number of post graduate students getting financial assistance from the university. **N/A**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
The department has undertaken a brief need-assessment exercise before initiating any new programme for this purpose following activities are initiated:

i. A detailed analysis of subject wise applicants who are seeking admission to PG courses in Various Universities in the vicinity of Central University of Jammu.

ii. For the year 2011-12 ,approximately 1700 applicants got registered for M.Ed. course in Jammu University Entrance Test (JUET). This analysis led to start M.Ed. course in Central University of Jammu.

iii. There are many vacancies advertised for the position of teachers which required qualification of M.Ed. Course

42. Does the department obtain feedback from:

(i) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
The regular conduct of the faculty meetings help in seeking their feedback on various issues concerning to curriculum and teaching -learning aspects of various programmes of the Department. The feedback received are further discussed in subsequent sessions on specific issues and desirable steps are taken to bring the reforms in the appropriate directions in consultation with external members of Board of studies

(ii) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
As per the spirit of IQAC , the university has a regular feature of seeking feedback from the students on the basis of a well designed framework and pattern . the members of IQAC keep on taking the feedback from the students on various issues including curriculum, teaching learning and evaluation practices. In addition to this practice, the Department has adopted its own practice of seeking feedback by conducting open discussions with students on the conduct of day-to-day academic activities concerning to various courses.

(iii) alumni and employers on the programmes offered and how does the department utilize the feedback?

The Department keeps on organising micro level alumni interaction meet where the invitees share their valuable inputs about the viability of various components of syllabi and accordingly their learning experiences during their stay in the Department . Their ideas are accommodated and utilized before Department initiates any process of curriculum revision.

43. List the distinguished alumni of the department (maximum 10) **Nil**

44. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts.

- **Extension Lecture on "Soft Skills" by Prof. Romesh Chand, Faculty of Education, Himachal Pradesh University, Shimla (24th September, 2015).**
- **Extension Lecture on "Quality of Communication in Teaching-Learning Process" by Prof. Hemant Lata Sharma, Dean, Faculty of Education, M. D. University, Rohtak (23rd September, 2015).**
- **Departmental Quiz on Development and history of Psychology (7th September, 2015).**
- **Extension Lecture on "Education and Development" by Prof. R. S. Yadav, Department of Education, Kurukshetra University (17th August, 2015).**
- **Teacher Day celebration at Departmental Level (5th September, 2015).**
- **Lecture on, "SSA in India" by Prof. R.S. Yadav, Chairman, Department of Education, Kurukshetra University was delivered on 20th April, 2013**
- **Lectures on, "Research Methodology," were delivered by Prof. Lokesh Koul, from 6th to 9th May, 2013.**
- **Guest Lecture October 28-30, 2013**

  The Department organized guest lecturers for three days by inviting two eminent scholars, Prof. Harish Sharma and Prof. G.S. Sodhi, former Deans and Heads, Department of Education, Punjab University, Chandigarh. Prof. Harish Sharma delivered lectures on "Philosophical Basis of Education" and Prof. G.S. Sodhi had interactive sessions on "Methodology of Educational Research".

- **National Seminar on "Priorities and Directions in Teacher Education"**

  The Department of Educational Studies, Central University of Jammu organized a One-Day National Seminar on "Priorities and Directions in Teacher Education" on February 10, 2014.

45. List the teaching methods adopted by the faculty for different programmes.

The entire teaching faculty in the department extensively uses ICT enabled course material. The department is equipped with audio-visual teaching aids, smart boards which are also used to teach students. Learner- centred activities like participative learning, interactive sessions, students' seminars, case studies, project work, assignments, problem solving exercises and field works are organised frequently

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The M.Ed. programme is professional in nature. The field visits, interactive sessions, dissertation, seminars and workshops are integral part of the syllabi. Faculty members guide the students and monitor their performance in these components of evaluation. Thus, it is through arranging weekly interaction sessions that the performance of the students is monitored by the

faculty in their respective subjects. The faculty in-charge carefully monitors the regularity of attendance, participation in seminars/workshops and other activities and also the performance of students in internal tests & assignments, mid semester & end semester exams. The student teachers get an opportunity to have one to one contact for monitoring the performance and progress of the students.

47. Highlight the participation of students and faculty in extension activities.
The department organises some outreach activities for the benefits of students and the faculty. The visits to DIET, SIE, All India radio ,92.7 FM channel Radio Station, TV studio , Skill Development centres etc. are organised by the Department as extension activities.

48. Give details of "beyond syllabus scholarly activities" of the department.

i. The students are assessed through personal guidance for career making. The interactive sessions with experts are organised for enhancing the professional competencies of the students.
ii. The students are encouraged to take part in quiz competitions The field visits, interactive sessions, seminars and workshops within and outside the campus.
iii. The students and the faculty organise some brain storming sessions on themes concerning to some emerging issues of socio-political and economical domains particularly in the context of our country and also in global contexts.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
N/A

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
N/A

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

S. No.	Strength	Weaknesses	Opportunities	Challenges
1	Positive experience with those who interact within the campus;	Less global opportunities as nascent University	Increased value of higher education completion	Strategic positioning for the organisation of international seminars/executive development programmes within the context of globalisation
2	Experienced Faculty involvement with students	Need to add more faculty as per UGC guidelines	Growing demand for skilled post graduates;	Diversification of sources of revenue through better exploitation of consultancy and research potentials

3	Friendly and safe campus with eco - friendly surroundings;	Need to lay more emphasis on the recruitment of international students;	Match between curricular & societal interests	Use of communications of online education, flexible learning and adoption of new information and technologies to increase access
4	Transparent selection of students based on the principle of merit	Need to add career counselling facilities for students	Technological advances and its implications;	Adding more specialised courses
5	Quality assurance of courses/examinations through CCE pattern and relevance of curricula of various courses to other reputed bodies and organisations	Inadequate infrastructural facilities	Strategic alliances with national institutions	Preparing for SAP from UGC

52. Future plans of the department.

1. **The Department has also proposed to start Two-years Master Degree Course i.e. M.A. Education).**
2. **The Department has also proposed Four-year Integrated programme leading to B.A./ B.Ed./B.Sc. B.Ed. degree Course.**
3. **The Department shall also endevour to start M.Ed. (Special Education).**
4. **The Department has proposed to start Certificate course on Inclusive Education through MOOC.**
5. **Innovative Programmes for capacity building of students is in contemplation.**
6. **An Art of Teaching Programme to be initiated for new recruits in the University is under consideration.**
7. **Department of Educational Studies, Central University of Jammu has been selected under PMMMNMTT (Pandit Madan Mohan Malaviya National Mission on Teacher & Teaching) for establishing School of Education. The aim of School of Education, Central University of Jammu under said scheme is to improve the quality of teacher and teaching learning process and for this purpose intends to undertake various initiatives towards integrated teacher development across all sectors.**

The School of Education of CUJ shall undertake in depth work in specific areas that have remained neglected in areas of elementary and secondary teachers and school education. The School of Education shall plan academic programmes to meet the professional needs of teacher education, such as teacher education, administrators and leadership positions at different levels ranging from elementary secondary and higher education.

EVALUATIVE REPORT OF DEPARTMENT

ENVIRONMENTAL SCIENCES

1. Name of the Department: **Department of Environmental Sciences**

2. Year of establishment: **2012**

3. Is the Department part of a School/Faculty of the university?
Yes, School, School of Life Sciences

4. Names of Programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

M.Sc. Environmental Sciences

Ph.D. Environmental Sciences from this Academic Session i.e. 2016-17.

5. Interdisciplinary courses and departments involved:

S.No.	Programme	Semester	Department
1.	Basics of Ecology and Environmental Sciences	I	Department of Education
2.	Env. Laws, Policies & Ethics	II	Department of English, Department of Tourism and Travel Managment
3.	Natural Resources & Their Management	III	Department of Tourism and Travel Managment
4.	Disaster Management	IV	Department of Economics
5.	Current Environment Issues and Concerns	IV	Department of Tourism and Travel Managment

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Nil**

7. Details of programmes / courses discontinued, if any, with reasons: **Nil**

8. Examination System Annual/ Semester/Choice Based Credit System : **Semester, CBCS**

9. Participation of the department in the courses offered by other departments:

S.No.	Class	Semester	Course Title	Departments Involved
1	M.Sc	1st	Tourism ; Concept and Principles	Department of Tourism & Travel Management
2	M.Sc	1st	Basic Applications of Statistics	Department of Educational Studies
3	M.Sc	2nd	Civil Services In India	Department of Public Policy and Public Administration
4	M.Sc	3rd	Local Governance in India	Department of Public Policy and Public Administration
5.	M.Sc	3rd	Cyber Security Threats to Nation State	Department of National Security Studies
6.	M.Sc	4th	World Economy	Department of Economics

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors/Others)

Teaching post	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	01	01	01
Associate Professors	02	01(On Deputation)	01
Asst. Professors	04	04	02 (Contractual)

11. Faculty profile with name, qualification, designation and specialization, experience and research guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. students guided
Prof. H.S Sehgal	Ph.D	Professor	Aquatic Ecology	41 years	16
Dr.(Mrs) G.K.Sehgal	Ph.D	Associate Professor	Environmental Bio-Technology	25 years	07

Dr.Anita Singh	Ph.D	Assistant Professor	Bio-fuel	03 years	Nil
Dr. Pankaj Mehta	Ph.D	Assistant Professor	Geochemistry, Surface Earth Processes, Instrumentation	9.5 years	Nil
Dr.Shweta Yadav	Ph.D	Assistant Professor	Atmospheric Science; Aerosol Dynamics	03 years	Nil
Dr.Dinesh Kumar	Ph.D	Assistant Professor	GIS & Remote Sensing	02 year	Nil
Dr. Angelika Sharma	Ph.D	Assistant Professor (Contractual)	Air Pollution & Health hazards	10 years	Nil
Dr. Deepak Pathania	Ph.D	Assistant Professor (Contractual)	Noise Pollution	07 years	Nil

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:
NIL

13. Percentage of classes taken by temporary faculty – programme-wise information:

Year	**M.Sc – Environmental Sciences**
2012	100 %
2013	20 %
2014	20 %
2015	20 %

14. Programme-wise Student Teacher Ratio:

Programme	**Student-Teacher Ratio**
M.Sc (Environmental Sciences)	8.6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Post	Sanctioned	Filled	Actual
Laboratory Assistant	**2**	**2**	**2**
Laboratory Attendant	**1**	**1**	**1**

16. Research thrust areas recognized by funding agencies:

- Aquatic Ecology
- Environmental Biotechnology
- Rock-Water Interaction
- Atmospheric Dynamics
- Bio monitoring and Bioremediation
- Remote Sensing and Geo-information System
- Conservation and Management of Biodiversity

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise:

Two Faculty Members with ongoing projects Dr. Anita Singh and Dr. Shweta Yadav

Dr. Shweta Yadav					
Major Project	2015	One	Investigation of Multi Scale Temporal Variation & Trend in the Mass composition and sources of carbonaceous aerosols in jammu, an urban location in the foot hill region of NW Himalaya	UGC-MRP	Rs. 15.97 lakh
Dr. Anita Singh					
UGC-Startup Grant	2015	One	Cellulase enzyme production from local thermophilic fungi by using agro -industrial residues as substrate	UGC-Startup	Rs. 6 lakh

Dr. Pankaj Mehta				
UGC-Minor	" Physico-Chemical Characterization of Ground Water/Drinking Water Quality in Alluvium (Sirowal), Kandi and Siwalik formations in Jammu Province"	October - 2015	Minor Research Project	Awarded 2 Lacs CUJ
Dr. Dinesh Kumar				
UGC-Minor	Parametirization of Extreme Weather Events over J&K Region using meso-scale atmospheric models	October - 2015	Minor Research Project	In pipeline

Dr. Pankaj Mehta submitted a project proposal to Board of Research in Nuclear Sciences Department of Atomic Energy, Government of India with the title "Spatial distribution of Uranium and associated Water Quality Parameters in Eight districts of Jammu Province (Jammu, Kathua, Samba, Reasi Udhampur, Ramban, Rajouri and Doda)" as PI along with Dr. Dinesh Kumar as Co-PI. The Project Duration= 2 year, Total Grant of 26.6 lakh, The project is in pipeline.

18. Inter-institutional collaborative projects and grants received
a) National collaboration b) International collaboration
National Collaborative Project : Two
One (with JNU, New Delhi) project received (Rs. 15.97 lakh) grant
One (with BRNS, BARC, Mumbai) project is in pipeline.

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.;total grants received:

- **Two minor research projects of UGC are in pipeline.**

20. Research facility / centre with:

- State recognition
- National recognition
- International recognition
- **The department is in the process of establishing state of the art environmental sciences lab. Also the campus at Bagla (Rahya Suchani) is an open laboratory for studying floral and faunal diversity and various geological and earth processes.**

21. Special research laboratories sponsored by / created by industry or corporate bodies: **NIL**

22. Publications:

Number of papers published in peer reviewed journals (national / international)

1. Bajar, S., **Singh, A.,** Kaushik, C.P., Kaushik, A. (2015): Evaluation and statistical optimization of methane oxidation using rice husk amended dumpsite soil as biocover. *Waste Manag.* Doi:10.1016/j.wasman.2015.09.23 (**Impact factor 3.2**)

2. Huma, B., **Yadav, S**., Attri, A.K. (2016). Profile of particulate bound organic compounds in ambient environment of Srinagar: A high altitude urban location in the North-Western Himalayas. Environmental Science Pollution and Research, 1-16. DOI 10.1007/s11356-015-5994-1. **[Springer; IF: 2.828]**

3. Islam, Tanvir, Prashant K. Srivastava, Dinesh Kumar, George P. Petropoulos, Qiang Dai, Lu Zhuo, (2016). Satellite radiance assimilation using a 3DVAR assimilation system for hurricane Sandy forecasts, Nat Hazards, DOI 10.1007/s11069-016-2221-4 (IF 1.719)

4. Kaur, N., Hundal, S.S., **Sehgal, H.S. and Sehgal, G.K. (2014)**. Evaluation of Total Lipid Content (TLC) and Fatty Acid Composition of the Fish Processing Waste Generated by Different Weight Groups of Chinese Carp, Cyprinus Carpio (Linn.). Internatl. J. Adv. Res. 2(12): 861-866

5. **Mehta, P**. (2013). Rock weathering and farmland formation: it's geology that determines biology. *Earth Science India* **VI(III)**: 1-3

6. **Mehta, P.** and Malviya, V.P. (2013). Dynamic weathering in western ghats southern Inida- how does rock weathering proceed in nature. *Intern. J. Basic Appl. Sci*. **2(3)**: 79-87

7. Misrhra, A., Tripathi, J.K., **Mehta, P**. and Rajamani, V. (2013). Phosphorus distribution and fractionation during weathering of amphibolites and geneisses in different climatic setups of the Kaveri river catchment, India. *Appl. Geochem.* **33**: 173-181 (**Impact Factor 2.02**)

8. Pandey, P., Prakash, A., **Kumar, D**., Masih, J., Singh, M., Jain, M.K. and Kumar, K. (2011). A study of urban heat island and its association with particulate matter during winter months over Delhi. *Sci. Total Environ.* **414**: 494-507 (**Impact Factor 3.1**)

9. **Sehgal, G.K.,** Dhingra, H. and **Sehgal, H.S**. (2016). Muscle total lipid content and fatty acid composition of some freshwater food fishes during different seasons ***Internatl. J. Food Sci. Nutr.*** **(accepted for publication)** (impact factor 1.202)

10. Sharma, A., Kumar, K., Laskar, A., Singh, S. and **Mehta, P (2016)**. Stable isotope characteristics of the Indus River water system. *Geomorphology* (Accepted for publication) (impact factor 3.2).

11. **Singh, A**., Bajar, S. and Bishnoi, N.R. (2014). Enzymatic hydrolysis of microwave alkali pretreated rice husk for ethanol production by Saccharomyces cerevisiae, Scheffersomyces stipitis and their co-culture. *Fuel,* **116**: 699-702 (**Impact factor 3.4**)

12. **Singh, A.** and Bishnoi, N. R. (2013): Comparative study of various pretreatment techniques for ethanol production from water hyacinth. *Indus. Crops Prod.* **44**: 283-289 (**Impact factor 3.2**)

13. Singh, A., Sharma, P., Saran, A.k., Singh, N. and Bishnoi, N.R. (2013). **Comparative study on Ethanol production from pretreated sugarcane bagasse using immobilized *Saccharomyces cerevisiae* on various matrices.** *Renew. Energy* **50**: 488-493. (**Impact factor 3.3**)

14. **Singh, A**., and Bishnoi, N.R. (2013): Ethanol production from pretreated wheat straw hydrolyzate by *Saccharomyces cerevisiae* via sequential statistical optimization**.** *Indus. Crops Prod.* **41**: 221-226 (**Impact factor 3.2**)

15. **Singh, A**., Manju, Yadav, A. and Bishnoi, N.R. (2013). Statistical screening and optimization of process variables for xylanase production utilizing alkali pretreated rice husk. *Annal. Microbiol.* **63**: 353-361. (**Impact factor 1.03**)

16. **Singh, A**., Manju, Rani, **S.** and Bishnoi, N.R. (2012): Malachite green dye decolorization on immobilized dead yeast cells employing sequential design of experiments. *Ecol. Engg* **47**:291-296 (**Impact factor 3.04**)

17. **Singh, A**. and Bishnoi, N. R. (2012): Enzymatic hydrolysis optimization of microwave alkali pretreated wheat straw and ethanol production by yeast. *Biores. Technol.* **108**: 94-101 (**Impact factor 5.03**)

18. **Singh, A.** and Bishnoi, N. R. (2012): Optimization of Ethanol production from microwave alkali pretreated rice straw using statistical experimental designs by *Saccharomyces cerevisiae*. *Indus. Crops Prod.* **37**:334-341 (**Impact factor 3.2**)

19. **Singh, A**. and Bishnoi, N. R. (2012): Optimization of enzymatic hydrolysis of pre-treated rice straw and ethanol production. *Appl. Microbiol. Biotechnol.* **93**:1785-1793 (**Impact factor 3.8**)

20. **Singh, A.**, Tuteja, S., Bishnoi, N.R. and Singh, N. (2011) Enhanced saccharification of rice straw and hulls by microwave- alkali pretreatment and lignocellulolytic enzyme production. *Biores. Technol.* **102**: 1773-1782 (**Impact factor 5.03**)

21. **Singh, A.**, Bajar, S., Bishnoi, N.R. and Singh, N. (2010) Laccase production by *Aspergillus heteromorphus using distillery spent wash and lignocellulosic biomass. J. Hazard. Mater*. **176**: 1079-82 (**Impact factor 4.3**)

22. Somvir Bajar, Anita Singh, C.P. Kaushik and Anubha Kaushik (2015). Evaluation and statistical optimization of methane oxidation using rice husk amended dumpsite soil as biocover. Waste Management, 53: 136-143. (IF 4.297)

23. Sonu, Babbar, B.K., Sehgal, G.K., Sehgal, H.S. and Kondal, J.K. (2014). Effects of Dietary Fish Oil Substitution with Sunflower Oil on the Survival, Growth Performance and Proximate Composition of Cyprinus carpio (Linn.). Internatl. J. Adv. Res. 2(8): 737-742

24. Tandon, A., **Yadav, S**. and Attri, A.K. (2013). Non-linear analysis of short term variations in ambient visibility. *Atm. Pol. Res.* **4(2):** 199-207 (**Impact factor 1.2**)

25. **Yadav, S.**, Tandon, A. and Attri, A.K. (2013). Monthly and seasonal variations in aerosol associated n-alkane profiles in relation to meterological parameters in New Delhi, India. *Aerosol Air Qual Res.* **13(1):** 287-300 (**Impact factor 2.26**)

26. **Yadav, S., Tandon, A. and Attri, A.K. (2014):** Timeline Trend Profile And Seasonal Variations In Nicotine Present In Ambient PM_{10} samples: A Four Year Investigation From Delhi Region, India. Atmos. Environ. **98:** 89-97 (**Impact factor 3.0**)

27. **Yadav, S., Tandon, A. and Attri, A.K. (2013): Characterization of aerosols associated non-polar organic compounds using TD-GC-MS: a four year study from Delhi, India. J. Hazar. Mater. 252-253: 29-44** (**Impact factor 4.3**)

28. **Yadav, S.**, Tandon, A., Tripathi, J.K., Yadav, S., Attri, A.K. (2015), Statistical assessment of respirable and coarser size ambient aerosol sources and their timeline trend profile determination: A four year study from Delhi. Atmospheric Pollution Research, 1-11. http://dx.doi.org/10.1016/j.apr.2015.08.010. **[Elsevier; IF: 1.227]**

List of Publications in Conference Proceedings during last five years (Authors Names, Title of Paper, Name of the Conference, Volume, Page nos., Year).

29. Huma, B., **Yadav, S.** and Attri, A.K., (2014). Temporal Profile of Ambient Free Fall (FF) Aerosol Load and of Associated n-alkanes: A long term Investigation from Srinagar (J&K) region", ***National*** Conference ***on Implications of Climate Change on Himalayan Environment (ICHE-14),*** March 20 - 21, 2014, organized by School of Earth and Environmental Sciences, Central University of Himachal Pradesh, Temporary Academic Block, Shahpur, Kangra – 176206 **(Oral Presentation)**

30. Mehta P. (2014) : **Green Technology: A Key for Sustainable Development, Environmental Technology and Sustainable Development: Challenges and Remedies", Feb 21-23, 2014, Baba Saheb Bhimrao Ambedkar University, Lucknow (Oral Presentation)**

31. Mehta P.(2014). Food and Agriculture: The Future of Sustainability. International Association for Mathematical Geosciences (IAMG) Oct 17-20, 2014, JNU, New Delhi. **(Oral Presentation)**

32. **Mehta, P. (2015).** Cleaner and Greener best Environmental Practices for a Sustainable Tomorrow Abstract Book of National Conference on "Recent Trends in Environmental Sciences and Carbon Management" organized on 19th – 20th November, 2015 by School of Earth and Environmental Sciences, Central University of Himachal Pradesh. ISBN-978-93-83246-20-5. (Oral Presentation)

33. **Mehta, P. (2015).** Delivered an Invited Talk at Baba Saheb Bhimrao Ambedkar University, Lucknow on "Importance of Lab in achieving excellence in Professional Research" January 15, 2015.

34. **Mehta, P. (2015).** Delivered an Invited Talk at Mineral Physics Division, GSI, Lucknow on "Role of Rock Weathering on sediment generation and its implication on provenance studies" September10, 2015

35. **Sehgal, H.S.** and **Sehgal, G.K.** (2015). Aquaculture sustainability and environmental aspects of processing and value-addition to carps. Proc. 102nd Indian Sci. Cong. 3-7 Jan. 2015, Mumbai: 126-129 (APIS 10/2= 5)

36. **Singh, A.** and Bajar, S. (2015). Microalgae: a source for biofuel production and mitigation of greenhouse gas emission, TROPMET-2015, Feb 14-18, 2015 , Punjab University, Chandigarh. **(Oral Presentation)**

37. **Singh, A**., Bajar, S. and Bishnoi, N.R. (2014). Sorption and desorption for methylene blue on immobilized rice husk: A statistical optimization study, ***National*** Conference ***on Environmental Issues, Concerns and Solutions (EICS-2014),*** March 24 -25, 2014, organized by Department of Environmental Sciences, University of Jammu, J&K. **(Oral Presentation)**

38. **Yadav, S.,** Tandon A. and Attri, A.K. (2014). Source-Profiling of Ambient Aerosols Using Organic Tracers: A Four Year Study From Delhi, India". ***National*** Conference ***on Environmental Issues, Concerns and Solutions (EICS-2014)"*** March 24 -25, 2014, organized by Department of Environmental Sciences, University of Jammu, J&K. **(Oral Presentation)**

39. **Yadav, S.,** Tandon, A., Attri, A.K. (2015). Multi scale temporal variatons in black carbon aerosol concentration at a receptor site in New Delhi, India. Page no. 49-51. Abstract Book of National Conference on "Recent Trends in Environmental Sciences and Carbon Management" organized on 19th – 20th November, 2015 by School of Earth and Environmental Sciences, Central University of Himachal Pradesh. ISBN-978-93-83246-20-5.

* Monographs **Nil**

* Chapters in Books

40. **Singh, A. and Bajar,** S. (2016). Microalgal biomass a renewable source for bioethanol production. Mona Sharma, Deepak Bansal and Abhishek Chauhan, editors. "Microalgae: Windows of Opportunity", pp. 110-126. SBW Publishers, New Delhi

41. **Yadav, S., Tandon, A., Attri, A.K**. (2015). Multi scale temporal variatons in black carbon aerosol concentration at a receptor site in New Delhi, India. Page no. 49-51. Abstract Book of National Conference on "Recent Trends in Environmental Sciences and Carbon Management" organized on 19th – 20th November, 2015 by School of Earth and Environmental Sciences, Central University of Himachal Pradesh. ISBN-978-93-83246-20-5.

42. **B. Kumar, U.K. Singh** and **P.Mehta (2016):** "Geothermal Energy – An Alternative Green Energy Source And Its Potential In Indian Context" Green Energy and Sustainable Environment, Ed. S. Chaudhury, A K Hazra & S Balachandran (ISBN-978-81-922916-6-6), 2016, Akshar Prakashani, Bolpur

43. **Mehta P.** (2015). Best Environmental Practices for a Better and Cleaner tomorrow" Abstract Book of National Conference on "Recent Trends in Environmental Sciences and Carbon Management" organized on 19th – 20th November, 2015 by School of Earth and Environmental Sciences, Central University of Himachal Pradesh. ISBN-978-93-83246-20-5.

23. Details of patents and income generated:
Submitted an IPR on EFR Duster on 20-04-2016 by Dr. Pankaj Mehta

24. Areas of consultancy and income generated:

- **Dr. Pankaj Mehta did Analysis and Consultancy on Groundwater potability of the University Bore-Well, January 2016.**
- **Dr. Pankaj Mehta did the analysis of Inlet and Outlet samples and provided the consultancy on efficiency of STP plant installed at CUJ, September, 2016**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad:

- **Dr. Anita Singh, Assistant Professor selected for Raman Fellowship of UGC for conducting Post-doctoral Research at University of Georgia, USA from February 2017 to February 2018.**

- **Dr. Shweta Yadav, Assistant Professor has been placed on the principal panel of scholars recommended for 2017-2018 Fulbright Kalam Climate Fellowship for Postdoctoral research. This prestigious fellowship is administered by United States-India Educational Foundation (USIEF).**

- **Dr. Pankaj Mehta received an Invitation for invited lectures and Research collaboration of Department of Environmental Sciences Central University of Jammu with IPICYT, Mexico from IPICYT, San Louis Potosi, Mexico.**

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify):

- Prof. H.S. Sehgal, Head of the Department is on the Panel of Experts of Union Public Service Commission.

- Prof. H.S. Sehgal, Head of the Department is on the Board of Studies of the Kurukshetra University, Kurukshetra and Guru Nanak Dev University, Amritsar.

- Dr. Pankaj Mehta represented the CUJ in the Meeting of the National Innovation *Clubs at Rashtrapati Bhavan and gave a power point presentation on 15.3.2016.*

- Dr. Pankaj Mehta, Assistant Professor was invited for a Discussion for Drawing a Road map and policy formulation on "Urban Flood Mitigation-Lessons Learnt and Roadmap for Future" by Joint Secretary, NDMA, New Delhi, 12-13 February, 2016.

- Dr. Pankaj Mehta, Assistant Professor was invited for a Discussion in Brain-storming session on the theme "Floods and Rains in J&K in 2014" organized by INSA and US National Academy of Sciences at University of Jammu, 13-14 May, 2016.

- Dr. Pankaj Mehta, member Editorial Board "Campus Update" an inhouse newsletter of Central University of Jammu.

27. Faculty recharging strategies: (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Dr. Pankaj Mehta, Dr. Dinesh Kumar, Went for GOC in 2014 organised by Academic Staff College of University Jammu.
- Dr. Anita Singh Went for OP in 2014 organised by Academic Staff College Guru Jambheshwar University of Science and Technology, Hisar, Haryana.
- Dr. Shweta Yadav attended General Orientation Course (14th December, 2015 – 12th January, 2016) organised by HRDC, University of Jammu.

28. Student projects:
percentage of students who have done in-house projects including inter-departmental projects 100% (30/30)
percentage of students doing projects in collaboration with other universities industry / institute
-------NIL--------
Summer Training Programme likely to begin from this Academic Session 2016-17

29. Awards / recognitions received at the national and international level by:

Faculty

- Prof. M.K. Jyoti Former Head has been awarded Ashutosh Mukherjee Award of Indian Science Congress Association in 2014.
- Dr. Pankaj Mehta Assistant Professor won the Best Oral Presentation Award at Indian Science Communication Congress held at INSA, New Delhi Dec 25-29, 2014.
Doctoral / Post Doctoral Fellow
- Dr. Anita Singh, Assistant Professor selected for Raman Fellowship of UGC for conducting Post-doctoral Research at University of Georgia, USA from February 2017 to February 2018.
- Dr. Shweta Yadav, Assistant Professor has been placed on the principal panel of scholars recommended for 2017-2018 Fulbright Kalam Climate Fellowship for Postdoctoral research. This prestigious fellowship is administered by United States-India Educational Foundation (USIEF).
- Dr. Pankaj Mehta received an Invitation for invited lectures and Research collaboration of Department of Environmental Sciences Central University of Jammu with IPICYT, Mexico from IPICYT, San Louis Potosi, Mexico.
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- Dr. Pankaj Mehta, Assistant Professor was invited for a Discussion in Brain-storming session on the theme "Floods and Rains in J&K in 2014" organized by INSA and US National Academy of Sciences at University of Jammu, 13-14 May, 2016.

- Dr. Pankaj Mehta was guest of honour on the Awareness Programme on Intellectual Property Rights (IPR) organised by the leading consultancy service on IPR Sanshadow Consultants New Delhi. The event was sponsored by Ministry of Micro Small and Medium Enterprise, GOI. Dr. Pankaj Mehta delivered a lecture on IPR issues at Hotel KC Residency, Jammu on 27th October, 2016.

- Dr. Pankaj Mehta delivered a invited lecture on Disaster Management in hilly regions such as J&K at Basic Leadership Camp (BLC), NCC, 2 J&K Battalion, Nagrota on 6th July, 2016.

Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:
----------NIL----------

31. Code of ethics for research followed by the departments:
Research at the Department is yet to be started as there is no Research Degree Program at present.

32. Student profile course-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc (Environmental Sciences) 2012-2014		04	23	100	100
M.Sc (Environmental Sciences) 2013-2015		02	28	100	100
M.Sc (Environmental Sciences) 2014-2016		00	29	In progr-ession	In progr-ession
M.Sc (Environmental Sciences) 2015-2017	1200+	01	29	In progr-ession	In progr-ession
M.Sc (Environmental Sciences) 2015-2017	1300+	01	29	Yet to pass	Yet to pass

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students From universities outside the State	% of students from other countries
M.Sc(Environmental Sciences) 2012-2014	0%	100%	0%	0%
M.Sc(Environmental Sciences) 2013 - 2015	0%	100%	0%	0%
M.Sc(Environmental Sciences) 2014 -2016		100%		
M.Sc(Environmental Sciences) 2015- 2017		100%		

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:

Programme	NET/ JRF	Category
M.Sc (Environmental Sciences) 2012-2014	One NET, One Slet One JRF Total (3)	Gen, SC, Gen
M.Sc (Environmental Sciences) 2013-2015	Three NET	2 Gen, 1 OBC

35. Student progression

Student progression	Percentage against enrolled
UG to PG	As there is no UG Programme in the Dept.
PG to M.Phil.	The Dept. is yet to start M.Phil/Ph.D Programmes
PG to Ph.D.	The Dept. is yet to start M.Phil/Ph.D Programmes
Ph.D. to Post-Doctoral	NIL
Employed - Campus selection - Other than campus recruitment	NIL Thirteen students of the passed out batches have been appointed as Lecturer and Assistant Lecture in various Degree Colleges of the J&K State
Entrepreneurs	NIL

36. Diversity of staff Percentage of faculty

Percentage of Faculty who are graduate	
Of the same university	0%
from other universities within the State	28.6%
universities from other States	71.4%
universities outside the country	0%

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: **NIL**

38. Present details of infrastructural facilities with regard to

Library	Internet Facilities for Staff and Students	Total number of class rooms	Class rooms with ICT facility	Students' laboratories	Research laboratories	No. of Books
Central Students Library	YES	02	02	One	One	207 (2015-16)

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university

- At present, there is no research degree programme in the department. This has to start from this Academic Session (2016-17); admissions are being done.
- There is 01 Project Fellow in the UGC Major Research Project who has passed out from the host institution

b) from other institutions/universities

----------NIL----------; At present, there is no research degree programme in the department. This has to start from this Academic Session (2016-17)

40. Number of post graduate students getting financial assistance from the university.

---------- NA----------

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Extensive brainstorming sessions were held with faculty and outside experts to ascertain the need for starting the Direct Ph.D Programme in the department starting from the Academic Session 2016-17

42. Does the department obtain feedback from:

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize

the feedback?
Intensive exercise in curriculum development was done in the presence of external experts where new Choice Based Credit System was introduced from the session 2015-2016. Meetings at the Departmental level and Board of Studies meetings were held regularly.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Curriculum has been developed systematically with the inputs of the Experts who gave their valuable suggestions. On the basis of their feedback changes were made in the curriculum.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?
Employers suggest the current trends in the industry. Their suggestions are incorporated in the syllabus for employment opportunities.

43. List the distinguished alumni of the department (maximum 10): (Just two batches have been produced)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:
The Department of Environmental Sciences invites the people of eminence to deliver lectures on various Environmental Days like :
International Mother Earth Day, 2015 : The department celebrated Earth Day in which Sh. Suresh Chug, IFS, Add. PCCF/Director, Department of Ecology, Environment and Remote Sensing, J&K delivered the Keynote address highlighting the importance of Earth Day.
International Mother Earth Day, 2016 : The department celebrated Earth Day in which Sh. Khajoor Singh, Surpanch, Rahya delivered an interactive talk on the measures need to be adopted for Conservation of water in Kandi Belt.
World Environment Day : The department celebrated the World Environment Day in collaboration with INTACH, Jammu Chapter the convener of the programme was Sh. S.M. Sawhney. Sh. Roshan Jaggi, IFS, Chief Conservator Forests, Jammu was Guest of Honour. He delivered a lecture on conservation of forest to conserve water. Dr. C.M. Seth gave an extensive lecture on CITES, Treaty.
The Department also organised lecture for student enrichment, the details are given below:

- Departmental Lecture on Carbon Trading on 18/3/2016 by Sh. Rajeshwar Jasrotia, IFS, Chief Conservator Forest.
- Departmental Lecture on Status of Forest in the state of J&K on 21/3/2016 by Sh. Panchnanda, IFS, Chief Conservator Forest
- Departmental Lecture on Ecological Security on 24/10/2016 by Sh. Naveen K. Shah, IFS.

45. List the teaching methods adopted by the faculty for different programmes.
The teaching faculty in the department extensively uses ICT enabled course material Learner-centred activities like participative learning, interactive sessions, students' seminars, dissertation, assignments, and field works are organised frequently

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The M.Sc programme in Environmental Sciences is professional in nature., dissertation, seminars and workshops are integral part of the syllabi, through regular modification of course curriculum as per the need of the industry and market it is ensured that the programme objectives are constantly met. The realisation of programme objectives help to attain learning outcomes. The evidence of it is seen through the performance of the students.

47. Highlight the participation of students and faculty in extension activities.
Both faculty and students participate in extension programme by organizing lectures, various competitions activities and awareness programme on environment and other related issues.

48. Give details of "beyond syllabus scholarly activities" of the department.
Students participate in various quiz competition, poster making competition, debate and collage making competition related to the field of Environmental Sciences. Apart from this field trips are organized by the Department where students actively participate on field studies related to water, rock and soil studies. The department arranged an industrial visit to Nilkamal Plastics Pvt. Ltd. (Samba Plant) for the students of M.Sc. (EVS) where students were exposed to the functioning of STP plant, cooling tower, water softening plant and QA/QC policies followed in industries.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

---------- NO----------

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
Since the department is only four years old and there is no research degree programme at present, the research-based new knowledge is yet to be generated. However, the department has added to the knowledge of the society on different environment related issues on various world environment days/in awareness programmes like:

- **The Earth Days**
- **Awareness Programme on Polythene-free Campus**
- **Wetland Day**

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
Strengths
Major strengths of the department are:

- Well qualified faculty specialized in diverse fields of environmental sciences with national and international training/exposure.
- Students coming from different parts of the state with different backgrounds through Combined Entrance Test
- The interdisciplinary nature of Environmental Sciences offers widerscope of scientific collaboration and science-community interface opportunities

Weaknesses

Major weaknesses are:

- Relatively longer time taken in carrying out research facilities which has an impact on society
- Difficulty in reaching out to some important places of biodiversity due to hilly terrain which remains cut off from the headquarter for a considerable time in a year

Opportunities

- Wider scope of investigating natural resources of the strategic region of north-western Himalayas
- Avenues to work on the exploration and management of rich biodiversity of the state in general and of Jammu Division in particular
- Greater scope of scientific collaboration with public and private organizations under PPP mode in environment related issues
- Wide scope of research in hitherto unexplored rich biodiversity of plain and mountainous regions of the state
- Availability of funds from major funding agencies of the country in newly established central university for infrastructure development and strengthening teaching programmes

Challenges

- Major challenge is to conduct research and apply the new knowledge generated through this research for the benefit of the society
- To produce scientists and teachers who can compete at global level
- To impart environmental education which is relevant to society and provides employability to the product of the University

52. Future plans of the department

The comprehensive future plan of the Department is to generate knowledge for better management of our environment and aspires to evolve as a Centre of Excellence in environmental education and policy development.

EVALUATIVE REPORT OF DEPARTMENT

ANIMAL SCIENCES AND WILDLIFE

1. Name of the Department: **Department of Animal Sciences and Wildlife**

2. Year of establishment: **2016**

3. Is the Department part of a School/Faculty of the university?
Yes, School of Life Sciences

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

S.No.	Programme	Duration	Nature	Intake
1.	Integrated Masters Course :	Five Year	Fulltime	30 students

5. Interdisciplinary programmes and departments involved
Under the Choice Based Credit System scheme, many elective courses that are of interdisciplinary nature can be taken by the students from other departments of their choice.

S.No.	Programme	Semester	Department
1.	Foundation Course		
2.	Interdisciplinary Elective		

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil

7. Details of programmes discontinued, if any, with reasons
Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester System and Choice Based Credit System (CBCS).

9. Participation of the department in the courses offered by other departments
(Department of Plant Sciences and Department of Chemistry & Chemical Sciences)

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1 (on contract)
Associate Professors	2	-	-
Assistant Professors	4	4	4
Others	-	1	1 (on contract)

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. / M.Phil students guided for the last 4 years
Dr. N. K. Tripathi	M.Sc. Ph.D.	Professor & Head	Cytogenetics and Cyto - toxicology	32	Ph.D. 15 M.Phil. 10
Dr. Vinita Sharma	M.Sc. Ph.D. SLET	Assistant Professor	Zoology; Ecology and Evolutionary Biology; Wildlife and Conservation Biology; Phylo-geography and phylo-gentics; Wildlife Forensics	12	Nil
Dr. Anjali Dhar	M.Sc. M.Phil Ph.D.	Assistant Professor	Entomology	8.5	Nil
Dr. Shvetambri Jasrotia	M.Sc. M.Phil. Ph.D.	Assistant Professor	Limnology	11	Nil
Ms. Stanzin Ladol	M.Sc. NET	Assistant Professor	Genetics and Neurobiology	NIL	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Nil

13. Percentage of classes taken by temporary faculty – programme-wise information
Nil

14. Programme-wise Student Teacher Ratio
6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
Nil at Present

16. Research thrust areas as recognized by major funding agencies
Nil

17. Number of faculty with ongoing projects from

Dr. Shvetambri Jasrotia, Assistant Professor has been awarded Fast Track Young Scientist by Science and Engineering Research Board (SERB), DST, New Delhi, GOI vide letter no. (DST No. SERB/F/572/2013-14 dated.13.05.2013, Cost of the Project- 21, 60, 000/-).

18. Inter-institutional collaborative projects and associated grants received

National collaboration	Nil
International collaboration	Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
NIL (will proceed for this in near future)

20. Research facility / centre with

State Recognition	Nil
National Recognition	Yes
International Recognition	Nil

- Willing to establish research laboratory with all amenities

21. Special research laboratories sponsored by / created by industry or corporate bodies
Nil

22. Publications:

a) Dr. N.K. Tripathi : 49 (cumulative)

b) Dr. Shvetambri Jasrotia

(Research papers: 14; Chapters in book: 02)

1. Physico-Chemical Assessment of River Chenab, Jammu And Kashmir. European Journal of Pharmaceutical and Medical Research. (2015), 2 (4):1048-1064.
2. Limnological profile of a high altitude stream, Bisheri of Banihal of Jammu and Kashmir, India. International Journal of Recent Scientific Research. (2015). 6(3): 3162 – 3167
3. Comparative diversity of rotifers inhabiting some waters of Shivalik foothills. Journal of Science. (2014) 4(8). 517 – 521.
4. Habitat preference of rotifers in some subtropical waters of lower Shivaliks. Journal of International Academic Research for Multidisciplinary. (2014) 2 (8). 56-67.
5. Icthyofaunal Diversity of River Chenab: A Case Study. International Journal of Lakes and Rivers. (2014) 7 (1). 55-62
6. Habitat Preference of Rotifers inhabiting some Waters of Jammu province, J&K, India. International Research Journal of Biological Sciences. (2013) 2(6):1-6.
7. A New Record of Rotifer (family Dicranophoridae) from Survey of some Pir Panjal Waters, J&K, India. International Research Journal of Environmental Sciences. (2013).2(4): 50-52.
8. Macrophytes as a habitat of Macrobenthic invertebrates. In: H.S. Sehgal and G. K. Sehgal (Eds.). Proc. 22nd National Symposium on recent advances in Zoological Sciences: Applications to Agriculture, Environment and Human Health, Nov. 6-7 2008, (2011):81-88.
9. Community Structure of Macrobenthic Invertebrates inhabiting a Central Himalayan River, Tawi. International Journal of Lakes and Rivers (2011), 4(1): 133 – 143.
10. Phytoplanktonic diversity and seasonal fluctuations in Surinsar Wetland, Jammu (J&K) – A Ramsar Site. International Journal of Applied Environmental Sciences (2010), 5(1): 39-48.
11. Physico-chemical assessment of three freshwater ponds of Jammu (J&K). Current World Environment (2009), 4 (2): 367-373.
12. Rotatorian taxonomy of a subtropical freshwater pond of Jammu (J&K). National Journal of Life Sciences (2009), 6 (2): 163-166.
13. Distributional pattern of Cladocera in Sub-tropical freshwater Lake Surinsar, Jammu (J&K). Oikoassay (2009), 22 (1&2).
14. Taxonomy of Rotifer {Rotifera: Eurotatoria} from two perennial freshwater ponds of Jammu, Jammu (J&K). The Ecoscan (2009). 3 (3&4): 251-254.

CHAPTERS IN BOOK:

1. Bioindicators. Water Pollution and Management (2011). Biotech Books, New Delhi.
2. Bioremediation. Water Pollution and Management (2011). Biotech Books, New Del

b) Dr. Anjali Dhar: (Research papers: 02; Proceedings: 05; Chapters in book: 02; Popular articles: 02)

1. 2014: Tribal life and sustainable development, environmental Solutions. Voyager-A Journal of Life Sciences. Volume V. 0976-7436
2. 2014: Age associated changes in the Reproductive tract of spodoptera Litura (noctuidae:lepidoptera). Voyager-A Journal of Life sciences. Volume V. 0976-7436
3. Dhar,Anjali and Sehgal, S.S (2012): The influence on the age on the Reproductive capacities of tobacco Caterpillar moth, spodoptera litura (fabricius). In national seminar on the relevance of traditional areas of biological study.

4. Dhar, Anjali (2003) Potential application and improvement of a parastoid, a Review of artificial selection for Insecticidal resistance and Introduction of natural enemies for Biological control. Neeraj Publications.
5. Dhar, Anjali (2003): Population dynamics and reproductive biology of Gyrodactylid monogean, a review. Neeraj Publications
6. Dhar Anjali, Singh Kusum and Khan Iqbal (2004): Insects are the study Models of biological diversity and Conservation with reference to Their relation with microbial Community. In proceedings of national seminar and training workshop on the impact of changing climate on biodiversity.
7. Seth, R.K., Baweja, Varsha and Dhar, Anjali (1998): Ascertaining the Bioinfectivity potential of Entomogenous nematodes on f-1 Progeny of irradiated spodoptera Litura. In proceedings of IST conference on area wide control of insect pests.

c) Dr. Vinita Sharma (Research papers: 07; Proceedings: 05; Chapters in book: 01; Reports: 01)

1. Vipin, Vinita Sharma, Chandra Prakash Sharma, Ved P. Kumar and Surendra P. Goyal: Pioneer identification of fake claws using morphometric and DNA-based analysis in wildlife forensics in India. Forensic Science International, 266. 226-233. http://dx.doi.org/10.1016/j.forsciint.2016.05.024. Impact Factor 2.140. ISSN: 0379-0738
2. Vipin, Sharma, V., Mukesh and Prasad, A. (2013): Population genetic structure of Anopheles stephensi in Northwestern India. In proceedings of XIIth International Conference on Vector and Vector Borne Diseases held on 16th-18th, September organized by Mohanlal Sukhadia University, Udaipur and NAVBD, Bhubaneshwar. pp. 96-102.
3. Chhaya Bhatnagar, Rekha Salvi, Meenakshi Mahur, Vijay Kumar Koli, Karnika Jani and Vinita Sharma (2008): Chiropteran diversity of Udaipur City in Proceedings of "Conservation and Utilization of National Resources and their role in Sustainable Development" held on 18th -19th October, 2008 at Jhunjhunu. pp. 113-115.
4. Chhaya Bhatnagar, Karnika Jani, Vinita Sharma, Meenakshi Mahur, Rekha Salvi and Arti Prasad (2008): Aquatic bird diversity of Lake Bari (A component of Udaipur Important Bird Area) with special note on its habitat management. In Proceedings of Taal 2007: The 12th World Lake Conference (From 28th October – 2nd November, 2007) organized by Ministry of Environment and Forests in the joint collaboration of International Lake Environment Committee (ILEC). Editors: Sengupta, M. and Dalwani, R. pp. 554-557.
5. Chhaya Bhatnagar, Karnika Jani and Vinita Sharma (2007): Vanishing habitats of aquatic birds in the City of Lakes, Udaipur: A case study. The Indian Forester, Vol.133, No. 10: 1395-1402.
6. Chhaya Bhatnagar, Vinita Sharma, and Karnika Jani (2007): An annotated study of mammalian fauna of Sajjangarh Wildlife Sanctuary, Udaipur, Rajasthan (India). Online- http://www.mekonginfo.org
7. Chhaya Bhatnagar, Vinita Sharma, Karnika Jani and Nidhi Gill (2007): Primary productivity and energy flow in Jhamri Dam. Proceedings of DAE-BRNS National Symposium on Limnology (NSL-07) held on February 19th-21st, 2007 at Udaipur. pp. 233-235.
8. Chhaya Bhatnagar, Vinita Sharma, Karnika Jani and Nidhi Gill (2007): Plankton and Ichthyo-fauna of Jhamri Dam, Udaipur, Rajasthan. Proceedings of DAE-BRNS National Symposium on Limnology (NSL-07) held on February 19th-21st, 2007 at Udaipur. pp. 236-238.
9. Vinita Sharma, Karnika Jani and Chhaya Bhatnagar (2005): Biodiversity of mammals in Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur: An attempt to study the habitat preference of some. Bulletin of Biological Sciences, Volume IV, Issue I: 39-44.

CHAPTERS IN BOOK : 01

1. Chhaya Bhatnagar and Vinita Sharma (2007): Diversity and distribution of mammals in Sajjangarh Wildlife Sanctuary: The impact of Ecotourism. IN. Environmental Management Practices: An Indian Outlook. Himanshu Publications, Udaipur. pp.314-320. ISBN:81-7906-170-1

Project report : 01

1. "Assessment of Avifaunal Diversity of Jhunjhunu, District Rajasthan (including migratory species) in reference to their Conservation Perspective to Department of Science and Technology

23. Details of patents and income generated
Nil

24. Areas of consultancy and income generated
Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad
a) National committees
b) International committees
c) Editorial Boards
d) any other (please specify)

26. Faculty serving in
a) National committees
b) International committees
c) Editorial Boards
d) any other (please specify)

Dr. N. K Tripathi **Professor and Head**

- Editorial board: Nucleus
- Member of Indian Science Congress- J& K Chapter

Dr. Shvetambri Jasrotia **Assistant Professor**

- Life Member Indian Science Congress Association.
- Inland Fishery Society of India.
- Association of Progressive Zoologists

Dr. Vinita Sharma **Assistant Professor**

- Editorial Board:
  - Life Science Leaflets Journal **ISSN : 0976 – 1098**
  - "International Journal of Allied Practice, Research and Review (IJAPRR)" a**pproved by National Institute of Science Communication And Information Resources (NISCAIR) ISSN : 2350-1294**

- Reviewer:
  - Current Science. **Impact Factor 0.926. ISSN : 0011-3891**
  - Pearson Education Ltd.

- **Academic Memberships:**
  - Life Member of Indian Science Congress Association
  - IUCN-CEM (The Commission on Ecosystem Management)
  - IUCN-Species Survival Commission ISSG
  - Fellow of The Society of Earth Scientists (SES), India
  - Fellow of International Safety Quality Environment Management Association(ISQEM), London,UK
  - Snow Leopard Network
  - International Society of Zoological Sciences (ISZS)
  - Indian Polar Research Network (IPRN)
  - Eco-Ethics International Union EEIU
  - Society for Research in Ecology and Environment (SREE), Bharatpur
  - Rajasthan Zoologists Group
  - Ramsar Forum
  - CAWST - Centre for Affordable Water & Sanitation Technology, Canada
  - BioNET-INTERNATIONAL Secretariat, United Kingdom

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

a) Dr. Shvetambri Jasrotia

CONFERENCES ATTENDED

1. International Symposium on current issues in Zoology & Environmental Science, Departments of Zoology and Biotechnology, DDU, Gorakhpur University, Gorakhpur {11th – 13th Nov., 2006}.
2. 3rd J&K State Science Congress, University of Jammu, Jammu. {26th – 28th Feb, 2008}.
3. 5th J&K State Science Congress, University of Jammu, Jammu {8th – 10th February, 2010}.
4. National Seminar on Impact of trends in climatic changes on bio-diversity and Faunistic Systems. (Held at department of Zoology & Environmental Sciences, Gurukul Kangri Vishwavidhalaya, Haridwar, in association with Indian Academy of Environmental Sciences, Haridwar, (19th – 21st, February – 2010).
5. National Seminar on Climate change and its impact on biological communities (CCIBC-2011). Dr. R.M.L. Avadh University, Faizabad- 224001. {Jan 21&22, 2011}.
6. 7th JK Science Congress – JKSC- 11, University of Jammu, Jammu. {October 13th – 15th, 2011}.
7. 101st Indian Science Congress, University of Jammu, Jammu from February 3 to 7, 2014.
8. National Seminar on Biodiversity: Sustainable Development and Conservation. Under UGC-SAP Programme, DST PURSE (GOI). 6th to 8th March 2014.
9. National Conference on Environmental Issues, Concerns and Solutions (EICS-2014). Organised by Department of Environmental Sciences, University of Jammu under DST-PURSE Scheme & UGC Special Assistance Programme (SAP).
10. 10th JK Science Congress, 14th to 16th March, 2015.
11. National Seminar on Science and Technology for Human Development March 25th to March 27th, 2015, Jammu Chapter, ISCA.

b) Dr. Anjali Dhar

Conferences Attended :International : 02 National : 03

c) Dr. Vinita Sharma

List of Conferences / Seminar / Symposia/Training/Workshop attended: 35 (International 02+ National 33)

International Conferences / Seminar / Symposia attended:

1. 12th World Lake Conference Taal 2007, "Conserving Lakes and Wetlands for Future" at Jaipur from 28th October–2nd November, 2007 organized by MoEF in the joint collaboration of International Lake Environment Committee (ILEC). **Presented poster entitled:** Aquatic Bird Diversity of Lake Bari (A Component of Udaipur Important Bird Area) with a Special Note on Its Habitat Management.
2. International Conference on Environment Management Practices in India: Issues, Imperatives and Implications organized by Pacific Institute of Management, Udaipur from March 3-5, 2006. **(Presented Oral Paper entitled:** Diversity and distribution of mammals in Sajjangarh Wildlife Sanctuary: The impact of Ecotourism).

National Conferences / Seminar / Symposia attended:

1. National Seminar on "Translational Research in Biotechnology for improving Animal Health and production" and 3rd Annual Meeting of Society for Veterinary Science and Biotechnology held on October 7th -8th, 2015 at Bikaner, Rajasthan. (**Poster/First Prize:** Pioneer identification of fake tiger claws using morphometric and DNA based analysis in wildlife forensics in India.)
2. XXIX Annual Research Seminar (ARS), WII, Dehradun held on September 3rd -4th, 2015. **Poster**
3. XXVIII Annual Research Seminar (ARS), WII, Dehradun held on August 21st, 2014.
4. XXVII Annual Research Seminar (ARS) of Wildlife Institute of India, Dehradun held on September 30th, 2013 to October 1st, 2013. (**Poster entitled:** "Wildlife Forensic Cell: Achievements and Learning during 2012-2013").
5. UGC sponsored National Seminar on Ecotoxicology, Impacts and Challenges on Biodiversity organized by Department of Zoology, Vinodini P.G. College, Rajota, Khetri, Jhunjhunu, Rajasthan from February 26th -27th, 2011.
6. Participated in "Young Ecologists Talk and Interact" a Student Conference held at Indian Institute of Science, Bangalore, India from October 5th – 7th, 2010.
7. UGC sponsored National Seminar on Yoga for Healthy Living and Fitness organized by Seth Motilal (PG) College, Jhunjhunu, Rajasthan held on February 22nd–23rd, 2010.
8. UGC, New Delhi sponsored National Seminar on "Quality Assurance in the Institutions of Higher Education" organized by Seth Motilal (PG) College, Jhunjhunu (Rajasthan) held on February 19th - 20th , 2010. (**Oral Paper entitled**: Why there is a Cry-"Quality of Higher Education must be assured?" Just Think).
9. UGC, New Delhi sponsored National Seminar on "Conservation and Utilization of Natural Resources and their Role in Sustainable Development" organized by Seth Motilal (PG) College, Jhunjhunu (Rajasthan) held on October 18th–19th, 2008. (**Oral Paper entitled:** Chiropteran diversity of Udaipur City).
10. UGC, New Delhi and NAAC, Banglore sponsored National Seminar on "Quality Assurance in the Institutions of Higher Education" organized by Seth Motilal (PG) College, Jhunjhunu (Rajasthan) held on August 3rd – 4th, 2008.
11. National Conference on "Biodiversity and Conservation-Social, Economical and Environmental Issue including Pollution and Patent Laws" at Rama Devi Mahila Mahavidyalaya, Nua, Jhunjhunu held on December 10th-11th, 2007. O**ral paper entitled:** Diversity and Conservation Status of mammals of Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur and **awarded as Best Paper Presentation-II** in the technical session.
12. DAE-BRNS National Symposium on Limnology (NSL-07) held at College of Fisheries, MPUAT, Udaipur on February 19-21, 2007. (**Poster entitled:** Plankton and Ichthyo-fauna of Jhamri Dam, Udaipur, Rajasthan).

13. UGC Sponsored National Conference on Conservation and Management of Faunal Diversity of Rajasthan organized by Department of Zoology, R.L.Saharia Government PG College, Kaladera, Jaipur held from 11th to 13th August, 2006. (**Oral Paper entitled:** Threatened mammals of Sajjangarh Wildlife Sanctuary. **Awarded Consolation Prize** in the Young Scientist Award Session).
14. 18th Annual Conference of National Environmental Science Academy, New Delhi: Recent Trends in Environmental Sciences held at J.B. Institute of Engineering and Technology, Yenkapally, Moinabad Mandal, Hyderabad from October 25th -27th, 2005. (**Oral Paper entitled:** Biodiversity of mammals in Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur: An attempt to study the habitat preference of some).
15. 7th Annual Conference of Society of Science and Environment organized by Department of Zoology, MLSU, Udaipur from September 17th -18th, 2005. (**Poster entitled:** Study on the distribution of some large mammals on the basis of habitat preference in Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur).
16. 20th Annual Conference of Indian Academy of Neurosciences held at Department of Zoology, MLSU, Udaipur (February 21st -23rd, 2003).
17. National Conference on Environmental Biology organized by Department of Biosciences, Saurashtra University, Rajkot. (October 17th -18th, 2002).

National Training / Workshop attended: 16

1. One day workshop on nature photography by Canon India held on 1st August, 2015 at Wildlife Institute of India, Dehradun, Uttarakhand.
2. Two days workshop on Human-Wildlife Interactions and Management of Invasive Alien Species held at Wildlife Institute of India, Dehradun on 23rd and 24th July, 2014.
3. Short-term training on Identification of herpeto-faunal species in wildlife trade on the basis of morphological features at Chennai Snake Park, Chennai from 14th to 16th July, 2014.
4. One day workshop on Spring Bird Festival of Uttarakhand state at WII, Dehradun on 7th February. 2014.
5. Two day workshop on "Spatially Explicit Capture Mark Recapture Animal Abundance Estimation" held at WII on February, 26th and 27th, 2014
6. National Workshop jointly conducted by Centre for Ecological Sciences CES, Indian Institute of Science IISc, Banglore and Laboratory for the Conservation of Endangered Species (LaCONES), Centre for Cellular and Molecular Biology (CCMB), Hyderabad on Application of Non-Invasive Technology to Wildlife Endocrine Assessment from February 7-9, 2012.
7. National Council of Science and Technology Communication, DST, Government of India sponsored five days Training Workshop on "Science Communication through Digital Media" conducted in association with MKB School, Jaipur and Vaigyanik Drishtikon Society under Golden Jubilee Celebrations of MLSU, Udaipur at Internet Center, Vigyan Bhawan, MLSU, Udaipur from May 11th-15th, 2011.
8. Ministry of Environment and Forests, Government of India sponsored seven days Training Workshop on Systematics and Evolution conducted by Centre for Environmental Management of Degraded Ecosystems CEMDE, University of Delhi from March 9th -15th, 2011.
9. Department of Science and Technology, Government of India sponsored training workshop on "Role of Scientists in Biodiversity Conservation" conducted by Wildlife Institute of India, Dehradun from October 25th – 29th, 2010.
10. One Day workshop on "Digital Alternatives to Animal Use in Dissection" organized by Department of Zoology, University College of Science, MLSU, Udaipur in association with Mahatma Gandhi

Doerenkamp Center for Alternatives to use of Animal in Life Science Education, Tiruchirapalli, Tamilnadu on 11th February, 2010.

11. State Level Workshop on "Faunal and Floral Diversity of Rajasthan: Importance and Conservation" organized by Society for Research in Ecology and Environment, Bharatpur in collaboration with Forest Department, Keoladeo National Park, Bharatpur and Maharani Shri Jaya PG College, Bharatpur (Rajasthan) for PG students and Wildlife Researchers from December 27th -28th , 2006.

Awarded First Prize of Best Student Participant.

12. Six-Week Technology based Entrepreneurship Development Program on Digital Photography and Videography from December 15, 2005 to January 25, 2006 at Department of Geology, MLSU, Udaipur.
13. UGC-Infonet One-Day User Awareness Programme on 19th October, 2005 at University Central Library, MLSU, Udaipur.
14. One-Day workshop on 29th March, 2005 on Development of Ecotourism organized by Department of Forests, Udaipur, Rajasthan.
15. Workshop on Awareness of Biotechnology on March 28th, 2005 organized by Department of Biotechnology, College of Science, MLSU, Udaipur.
16. Three Days practical training workshop from October 25th-27th, 2004 on Animal Tissue Culture, organized by National Centre for Cell Science, Pune and Department of Zoology, MLSU, Udaipur

d) Ms. Stanzin Ladol (Assistant Professor)

Conference and Workshops attended

1. Poster presentation at "11th Asian and Oceanian Epilepsy Congress" organized by International League Against Epilepsy at Convention and Exhibition Centre, Wan Chai, Hong Kong; 13th-16th May 2016.
2. Poster presentation at International Conference on "Biomaterials, Biodiagnostics, Tissue Engineering, Drug Delivery and Regenerative Medicine" organized by Centre for Biomedical Engineering, Indian Institute of Technology, New Delhi; 15th-17th April 2016.
3. Participated in a four day workshop on "Recent Trends in Biomaterials, Biodiagnostics, Tissue Engineering, Drug Delivery and Regenerative Medicine" organized by Centre for Biomedical Engineering, Indian Institute of Technology, New Delhi; 14th-17th April 2016.
4. Participated in the National Conference on "Environmental Pollutions: Impact Assessment and Remediation" organized by School of Environmental Sciences, JNU, New Delhi; 18th -19th March 2016.
5. Poster presentation at Science Day 2016 organized by Jawaharlal Nehru University, New Delhi.
6. Participated in National Symposium on "Geogenic Contamination of Groundwater: Its Impact and Mitigation Strategies" (GCG 2016) at TERI University, New Delhi.
7. Poster presentation at the International Conference on "Innovative Research in Biotechnology, Biomedical Sciences, Bioinformatics and Stem Cell Applications (BSC)" organized by the Krishi Sanskriti at Jawaharlal Nehru University, New Delhi; 30th January 2016.
8. Participated in National Seminar on "Recent Trends in Nano-Bio interface" organized by the Special Centre for Nanosciences, Jawaharlal Nehru University, New Delhi; 18th December 2015.
9. Participated in the International Conference on "Neurosciences: Brain plasticity and Neurological Disorders" organized by the Department of Zoology, School of Life Sciences, Rawenshaw University at Cuttack, Odisha, India; 9th -11th November 2013.

28. Student projects

Percentage of students who have done in -house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards /recognitions received at the national and international level by Faculty –

1. **Dr. Shvetambri Jasrotia:**

Awarded Fastrack Young Scientist, Science and Engineering Research Board (SERB), Department of Science and Technology, N.Delhi, GOI.

- Second prize in the best oral presentation in the young research scholar category. (National seminar on impact of trends in Climatic changes on Bio-diversity and Faunistic systems. Held at department of Zoology & Environmental Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar, in association with Indian Academy of Environmental Sciences, Haridwar, (February – 2010).

2. **Dr. Anjali Dhar**

- Gold Medal, University level
- Achievers awards from JKVM
- National Scholarship at Secondary level

3. **Dr. Vinita Sharma**

- Fellow of International Safety Quality Environment Management Association (ISQEM), London,UK and entitled to use the designation of FISQEM.
- First Prize in Poster Presentation: National Seminar on "Translational Research in Biotechnology for improving Animal Health and production" and 3rd Annual Meeting of Society for Veterinary Science and Biotechnology held on October 7th -8th, 2015 at Bikaner, Rajasthan. (Poster/First Prize: Pioneer identification of fake tiger claws using morphometric and DNA based analysis in wildlife forensics in India.)
- Best Paper Presentation – II: National Conference on "Biodiversity and Conservation-Social, Economical and Environmental Issue including Pollution and Patent Laws" at Rama Devi Mahila Mahavidyalaya, Nua, Jhunjhunu held on December 10th-11th, 2007. (Oral paper entitled: Diversity and Conservation Status of mammals of Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur.
- Consolation Prize in the Young Scientist Award Session: UGC Sponsored National Conference on Conservation and Management of Faunal Diversity of Rajasthan organized by Department of Zoology, R.L.Saharia Government PG College, Kaladera, Jaipur held from 11th to 13th August, 2006. (Oral Paper entitled: Threatened mammals of Sajjangarh Wildlife Sanctuary).
- First Prize of Best Student Participant: State Level Workshop on "Faunal and Floral Diversity of Rajasthan: Importance and Conservation" organized by Society for Research in Ecology and Environment, Bharatpur in collaboration with Forest Department, Keoladeo National Park, Bharatpur and Maharani Shri Jaya PG College, Bharatpur (Rajasthan) for PG students and Wildlife Researchers from December 27th -28th , 2006.
- First position: District level quiz competition held on 26/08/1996 at Udaipur, Rajasthan and achieved first position in the contest and selected for state level competition.
- Consolation prize: Anchor 'On-the-spot Embroidery Contest' held on 13/01/1996 at R.M.V., Udaipur.
- Second prize: Camel Ink Handwriting competition held on 08/09/1994 at Rajasthan Mahila

Vidhyalaya, Udaipur.
Doctoral /post doctoral fellows-**NIL**
Students - **NIL**

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any. **Refer to Annexure "G"**
All faculty members are newly recruited. **NIL**

31. Code of ethics for research followed by the departments **NA**

32. Student profile programme-wise: **Nil**

33. Diversity of students : **Nil**

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Session 2016-17				
Integrated-M.Sc.	NA	NA	NA	NA

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NIL**

35. Student Progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • **Campus selection** • **Other than campus recruitment**	Nil Nil
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	Nil
from other universities within the State	2%
From universities from other States	3%
From universities outside the country	Nil

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
NA

38. Present details of departmental infrastructural facilities with regard to

a) Library – **Students are using Central Library facility**

b) Internet facilities for staff and students –**Yes**

c) Total number of class rooms - **One**

d) Class rooms with ICT facility - **One**

e) Students' laboratories - **One**

f) Research laboratories -**NIL**

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	Nil
From other institutions/universities	Nil

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Not available

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback? -	In initial phase
Students on staff, curriculum and teaching learning-evaluation and how does the department utilize the feedback? -	In initial phase
Alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.
- **Using advanced teaching aids,**
- **Seminars & presentations**
- **Interactive sessions**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
By continuous involvement of faculties to ensure the progress of students.

47. Highlight the participation of students and faculty in extension activities.
Nil at present

48. Give details of "beyond syllabus scholarly activities" of the department.
Awareness of the role of plant sciences by adopting nearby schools.
Refer to Annexure "G"

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

i. Students and Faculty members are involved in designing of several scientific working models of real systems to understand the basic & applied knowledge of underlying hidden principle.

ii. Group discussion among the students is one of the major activities of our department and this promotes the development of interesting and striking ideas.

iii. Organizing cultural programme/ activities related to the subject.

iv. We are also looking forward for translational prospects of the subject.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Well qualified faculty with having national and international reputes, handling various projects, potential and specialized in varied fields of zoology, ready to take up challenges.

Weaknesses:

Since department is in its initial phase, the infrastructural constraint is the main weakness

Opportunities:

There will be ample opportunities for academic and personal development for faculty and students of the department in due course of time.

Challenges:

To achieve the self set goals for development of department

52. Future plans of the department.

Apart of introducing innovative teaching methodologies, the core plan of the Department is to develop high quality research in collaborations with leading institutions of national and international repute. With fundamental aim to develop the department as Centre of Excellence.

1. Name of the Department: **Plant Sciences**

2. Year of establishment: **2016**

3. Is the Department part of a School/Faculty of the university?
Yes, School of Life Sciences

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

S.No.	Programme	Duration	Nature	Intake
1.	Integrated Masters Course : Botany	Five Year	Fulltime	30 students

5. Interdisciplinary programmes and departments involved
Under the Choice Based Credit System scheme, many elective courses that are of interdisciplinary nature can be taken by the students from other departments of their choice.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Nil

7. Details of programmes discontinued, if any, with reasons
Not Applicable

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
Semester System and Choice Based Credit System (CBCS).

9. Participation of the department in the courses offered by other departments
Contributing in teaching for Integrated-M.Sc program offered by Department of Animal and Wildlife Sciences and Department of Chemistry

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00
Asst. Professors	04	04	04
Others	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualification	Designation	Specialization	Experience	No of PH.D/M. Phil Students guided
1	Dr. VikasSrivastava	Ph.D (Botany); UGC-NET, CSIR (NET-JRF); ICMR-JRF; ICAR-NET (Plant Biochemistry and Physiology); ICAR-NET (Basic Plant Science), GATE	Assistant Professor	Plant Biotechnology, Molecular Biology, Genomics and Phytochemistry	3.5 Years	Nil
2	Dr. Deepak Bhardwaj	Ph.D (Botany), UGC-NET, CSIR (NET-JRF)	Assistant Professor	Stress Signaling in plants, Plant Physiology and Plant Biotechnology	3.5 Years	Nil
3	Dr. Deepak Kumar	Ph.D (Biosciences); CSIR (NET-JRF), ICMR-JRF	Assistant Professor	Plant Stress Physiology, Metabolic Engineering, Functional Genomics	3.5 Years	Nil
4	Dr. Samantha Vaishnavi	Ph.D. (Botany), NET	Assistant Professor	Genetics and Molecular Biology	11 Years	Ph.D. 01 (as supervisor) 01 (as co-supervisor)

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
One Adjunct Professor [Prof. Geeta Sumbali, Botany Department, Jammu University]

13. Percentage of classes taken by temporary faculty – programme-wise information
NA

14. Programme-wise Student Teacher Ratio
7.5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
One

16. Research thrust areas as recognized by major funding agencies
Nil

17. Number of faculty with ongoing projects from

National	01 Dr. S. Vaishnavi 01 Dr. D. Kumar
International funding agencies and	Nil
Total grants received. Give the names of the funding agencies, project title and grants received project-wise.	UGC, New Delhi under Major Research Project 'Study of synergistic effect of dietary molecules/ nutraceutical(s) in clinically validated cancer chemotherapeutic agents' **Rs. 14.05 Lacs**
	SERB, DST, New Delhi Unraveling the role of calmodulin (CaM) in Potato Rs. 42.52 lacs.

18. Inter-institutional collaborative projects and associated grants received

National collaboration	Nil(Newly established Department)
International collaboration	Nil(Newly established Department)

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil

20. Research facility / centre with

State Recognition	Nil
National Recognition	Yes
International Recognition	Nil

Note: The department is in the process of setting up research labs on its own as well as through MoUs with research institutions, industry and Universities for which due recognition/accreditation will be sought.

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

Name	Papers Publications:		Books Published	Chapters in books	Seminar/ Conference presentations	Monog raphs
	International	National				
Dr. VikasSrivastava	8	-	-	3	6	-
Dr. Deepak Bhardwaj	4		-	3	4	
Dr. Deepak Kumar	12	-	-	1	10	-
Dr. Samantha Vaishnavi	7	-	-	1	5	-

23. Details of patents and income generated

Nil

24. Areas of consultancy and income generated

Nil

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad

Nil (faculties are newly appointed)

26. Faculty serving in

National committees	Nil
International committees	Nil
Editorial Boards	Nil
Any other (please specify)	Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Yes.

28. Student projects

First batch has been admitted this session

Percentage of students who have done in-house projects including inter-departmental projects	NA
Percentage of students doing projects in collaboration with other universities industry / institute	NA

29. Awards / recognitions received at the national and international level by
Dr. Vikas Srivastava
Research Article / Reviews

- *Kumar K,* ***Srivastava V,***Purayannur S, Kaladhar V, Cheruvu PJ, Verma PK. *WRKY domain-encoding genes of a crop legume chickpea (Cicerarietinum): Comparative analysis with Medicagotruncatula WRKY family and characterization of group-III gene(s).* ***DNA Research*** *(doi: 10.1093/dnares/dsw010).*
- ***Srivastava V.*** *and Verma PK. Genome Wide Identification of LIM Genes in Cicerarietinum and Response of Ca-2LIMs in Development, Hormone and Pathogenic Stress.* ***PloS one*** *(2015), 10(9), p.e0138719.*
- *Mehrotra S,* ***Srivastava V****, Rahman LU, Kukreja AK.*
Hairy root Biotechnology- Indicative timeline to understand missing links and future outlook ***Protoplasma****(2015): 1-13.*
- *Mehrotra S, Goel MK,* ***SrivastavaV****,Rahman LU. Hairy root biotechnology of Rauwolfiaserpentina: a potent approach for the production of pharmaceutically important terpenoidindole alkaloids* ***Biotechnology letters*** *37 (2015): 253-263.*
- *Mehrotra S,* ***Srivastava V****, Rahman LU, Kukreja AK.Overexpression of a Catharanthus tryptophan decarboxylase (tdc) gene leads to enhanced terpenoidindole alkaloid (TIA) production in transgenic hairy root lines of Rauwolfiaserpentina.* ***Plant Cell Tissue Organ Culture*** *115 (2013); 377-384.*
- **Srivastava V, Kaur R, Chattopahyay SK, Banerjee S. Production of industrially important cosmaceutical and pharmaceutical derivatives of betuligenol by *Atropa belladonna* hairy root mediated biotransformation.Industrial Crops and Products 44 (2013); 171– 175.**
- **Srivastava V, Negi AS, Ajayakumar PV, Khan SA, Banerjee S. *Atropa belladonna* Hairy Roots: Orchestration of Concurrent Oxidation and Reduction Reactions for Biotransformation of Carbonyl Compounds. Applied Biochemistry and Biotechnology 166 (2012); 1401–1408.**
- **Srivastava V, Khan SA, Banerjee S. An evaluation of genetic fidelity of encapsulated microshoots of the medicinal plant: *Cineraria maritima* following six months of storage. Plant Cell Tissue Organ Culture 99 (2009); 193- 197.**

Book Chapter

- Mehrotra S, Goel MK, **Srivastava V**, Kukreja AK (2016). Scale up of *Agrobacterium Rhizogenes* Mediated Hairy Root Cultures of *Rauwolfiaserpentina*: A persuasive Approach for Stable Reserpine Production **Protocols for In Vitro Cultures and Secondary Metabolite Analysis of Aromatic and Medicinal Plants, Second Edition (Methods in Molecular Biology), Editors: Jain, S.Mohan (Ed.), Springer Protocol, Humana Press**.

- **Srivastava V**, Mehrotra S, Mishra S (2016, In press). Biotransformation through hairy roots: perspective, outcome and major challenges. **Reference Series in Phytochemistry- Transgenesis and Secondary Metabolism, Editor: SumitaJha, Springer.**

- ✔ **Srivastava V**, Mehrotra S, Verma PK (2016, In Press). Biotechnological Interventions for Production of Therapeutic Secondary Metabolites Using Hairy Root Cultures of Medicinal Plants. **Current Developments in Biotechnology and Bioengineering, Book 8: Crop Modification, Nutrition, and**

Food Production, Editor: Dubey, Sangwan and Pandey, Elsevier.
Abstract and Presentations in Conferences

- **V. Srivastava**, K. Kumar, S. Purayannur, B. Tiwari, P.K. Verma. **Identification and modulation of chickpea WRKYs in development and stress. 3 International Plant Physiology Congress Challenges and Strategies in Plant Biology Research, December 11-14, 2015, Convention Centre, JNU, New Delhi, India**

- S. Purayannur, K. Kumar, **V. Srivastava**, Shreenivas K. Singh, P.K. Verma. Interactome analyses in the stress associated signaling cascade: A case for the legume crop chickpea (*Cicerarietinum* L.).**3 International Plant Physiology Congress Challenges and Strategies in Plant Biology Research, December 11-14, 2015, Convention Centre, JNU, New Delhi, India.**

- K. Kumar, **V. Srivastava**, S. Purayannur, B. Tiwari, P.K. Verma. The analysis of WRKY superfamily genes in the non-model crop chickpea(*Cicerarietinum*). **7th Annual Convention of ABAP & International Conference on Plant Biotechnology, Molecular Medicine & Human Health (ICPMH-2013), South Campus Delhi University, New Delhi.**

- **V. Srivastava**, A.S. Negi, P.V. Ajayakumar, S. A. Khan, S. Banerjee. ***Atropa belladonna*** **hairy root: oxido-reductive potential in biotransformation.International conference on current status of aromatic and medicinal plants (AroMed-2010), CSIR-CIMAP, Lucknow, New Delhi.**

- **V. Srivastava, A.S. Negi, P. Trivedi, D.U. Bawankule, K. Shankar, F. Khan, S. Banerjee**"Biotransformation of vanillin using hairy roots of medicinal plants. **80th meeting of Society of Biological Chemists (SBC-2011), CSIR-CIMAP, Lucknow, New Delhi.**

- **V. Srivastava**, S.A. Khan, S. Banerjee. **Plant regeneration from callus cultures in *Aristolochiaindica* through organogenesis.National Interactive Meet-2008 (November 29-30), CSIR-CIMAP, Lucknow, New Delhi.**

Trainings and workshops

- Participated in workshop on **"Scientific paper writing"** in National Academy of Sciences, Allahabad, India (2011).

- Participated in CIMAP Training School on **Advanced Instrumentation and Analytical Techniques for Natural products** (10th – 16th June, 2009), CSIR-CIMAP, Lucknow, India.

- Participated in CSIR sponsored **CIMAP's Winter School – 2008 on "Recent Techniques in Gene cloning, DNA Analysis and Functional Genomics"** held at Central Institute of Medicinal and Aromatic Plants during 3-12 December 2008, Lucknow, India.

Awards

- Gold Medal in B.Sc. (2004) ; Smt. Yamuna Devi Memorial Medal ; Dudgeon Memorial Medal ; Sri AyodhyaNathSrivastava Memorial Medal ; Dr. S. N Bhattacharya Memorial Medal ; Dr. Mitra Memorial Medal ; Dr. Lalit Mohan Srivastava Memorial Medal and Scholarship.
- UGC-NET (2006) in Life Science [*University Grant Commission, India*];

- ICMR-JRF (2007) in Life Science [*Indian Council of Medical Research, India*];
- CSIR-JRF (2007) in Life Science [*Council of Scientific and Industrial Research, India*];
- GATE (2007) in Life Science [*Graduate Aptitude Test of Engineering , India*];
- ICAR-NET (2009) in Plant Physiology and Biochemistry [*Indian Council of Agriculture Research, India*];
- ICAR-NET (2010) in Basic Plant Science [*Indian Council of Agriculture Research, India*];
- DBT-Research Associateship in Biotechnology and Life Science (2014), DBT, India.
- CSIR-Research Associateship in General Biology (2015), CSIR, India.
- National Post-Doctoral fellowship (2016), SERB, India.

Dr. Deepak Bhardwaj
Research

- **Bhardwaj D.** Medici A, Gojon A, Lacombe B, Tuteja N. **(2015)**. A newinsight into root responses to external cues: paradigm shift in mineralnutrient sensing. Plant Signaling and Behaviour. 2:10. e1049791. doi:10.1080/15592324.2015.1049791. **ISSN: 1559-2324**

- **Bhardwaj D**, Ansari MW, Sahoo RK and Tuteja N. (**2014**). Biofertilizers function as key player in sustainable agriculture by improving soil fertility, plant tolerance and crop productivity.Microbial Cell Factories. 13**:**66.

ISSN: 1475-2859

- **Bhardwaj D**, Lakhanpaul S and Tuteja N. **(2012).** Wide range of interacting partners of pea Gβ subunit of G-proteins suggests its multiple functions in cell signalling. Plant PhysiolBiochem. 58:1-5. **ISSN: 0981-9428**

- **Bhardwaj D**, Sheikh AH, Sinha AK and Tuteja N. **(2011).** Stress induced beta subunit of heterotrimeric G-proteins from *Pisumsativum* interacts with mitogen activated protein kinase. Plant Signaling and Behaviour.6:287-292. **ISSN: 1559-2324**

Book Chapters

- **Bhardwaj D**, Lakhanpaul S and Tuteja N. **(2013).** Can G-Proteins be the Key Proteins for Overcoming Environmental Stresses and Increasing Crop Yield in Plants? In: Plant Acclimation to Environmental Stress, Tuteja N, Gill SS (Eds), Springer Science + Business Media, LLC 233 Spring Street, New York, NY 10013, USA, 461-482. **ISBN 978-1-4614-5000-9**

- Sahoo RK. **Bhardwaj D** and Tuteja N. **(2013).** Biofertilizers: A Sustainable Eco-friendly Agricultural Approach to Crop Improvement. In: Plant Acclimation to Environmental Stress, Tuteja N, Gill SS (Eds), Springer Science + Business Media, LLC 233 Spring Street, New York, NY 10013, USA, pp. 403-432. **ISBN 978-1-4614-5000-9**

- Lakhanpaul S, Singh V, Kumar S, **Bhardwaj D** and Bhat KV. (**2011).** Sesame: Overcoming the abiotic stresses in *Sesamumindicum*L. - The queen of oil seed crops. In: Improving Crop Resistance to Abiotic Stress, N Tuteja, Sarvajeet S. Gill, Antonio F. Tubercio and RenuTuteja (Eds.), Wiley-Blackwell, Wiley-VCH Verlag GmbH & Co., Germany. **ISBN: 978-3-527-32840-6**

Awards

- UGC-NET (2005) in Life Science [*University Grant Commission, India*];
- CSIR-UGC-JRF (2006) in Life Science [*Council of Scientific and Industrial Research, India*];
- Best Poster Award" in the International Conference on Plant Biotechnology for Food Security: New Frontiers, 2012, New Delhi.

Dr. Deepak Kumar

- **Rustagi A, Shekhar S, Kumar D, Jayaswal A, Bhat V and Sarin NB (2016) Genetic fidelity of *in vitro* cultures of an elite Indian Musa (AA) variety Matti. Advances in Plants & Agriculture Research (Accepted).**
- ***Rajwanshi R, Kumar D, Yusuf MA, DebRoy S, Sarin NB (2016)* Stress-inducible overexpression of glyoxalase I is preferable to its constitutive overxpression for abiotic stress tolerance in transgenic *Brassica juncea*. Molecular Breeding, 36:76).**
- ***Singh P, Kumar D,Sarin NB (2016) Multiple abiotic stress tolerance in Vignamungois altered by overexpression of ALDRXV4 gene via reactive carbonyl detoxification. Plant Molecular Biology, 91: 257-273.***
- ***Kumar D, Shekhar S, Bisht S, Kumar V, Varma A, Kumar M (2015) Ectopic Overexpression of Lectin in Transgenic Brassica juncea Plants Exhibit Resistance to Fungal Phytopathogen and Showed Alleviation to Salt and Drought Stress. J Bioengineering & Biomedical Science. 5(1): 1-7.***
- **Rustagi A, Jain S, Kumar D, Jain M, Shekhar S, Bhat V, Sarin NB (2015) High efficiency transformation of banana [Musa acuminata L. cv. Matti (AA)] for enhanced tolerance to salt and drought stress through overexpression of a peanut *Salinity-Induced Pathogenesis-Related class10 protein*. (Molecular Biotechnology, 57: 27-35)**
- **Kumar D, Yusuf MA, Singh P, Sardar M, Sarin NB (2014) Histochemical Detection of Superoxide and H_2O_2 Accumulation in *Brassica juncea* seedlings. Bio-Protocol, vol 4, Issue 8.**
- **Rustagi A, Kumar D, Shekhar S, Yusuf MA, Misra S, Sarin NB (2014) Transgenic *Brassica juncea* plants expressing MsrA1, a Synthetic Cationic Antimicrobial Peptide, Exhibit Resistance to Fungal Phytopathogens. (Equal author contribution; Molecular Biotechnology, 56:535-545.**
- **Kumar D, Yusuf MA, Singh P, Sardar M, Sarin NB (2013) Modulation of antioxidant machinery in α-tocopherol enriched transgenic *Brassica juncea* plants tolerant to abiotic stress condition. Protoplasma, 250: 1079-1089.**
- **Singh M, Kumar D, Yusuf MA, Sardar M, Sarin NB (2013) Effects of wild type and α-tocopherol enriched transgenic *Brassica juncea* on the components of xenobiotic metabolism, antioxidant status, and oxidative stress in the liver of mice. Transgenic Research, 22: 813-822.**
- **Kumar D, Singh P, Yusuf MA, Upadhyaya CP, Hohn T, Sarin NB (2013) The *Xerophytaviscosa* aldose reductase (*ALDRXV4*) confers enhanced drought and salinity tolerance to transgenic tobacco plants by scavenging methylglyoxal and reducing the membrane damage. Molecular Biotechnology, 52(2): 292-303.**
- **Jain S, Kumar D, Jain M, Chaudhary P, Deswal R, Sarin N.B (2012) Ectopic overexpression of a salt stress-induced *pathogenesis-related class 10 protein* (*PR10*) gene from peanut (*Arachishypogaea*) affords broad spectrum abiotic stress tolerance in transgenic tobacco. Plant Cell, Tissue and organ culture, 109: 19-31.**
- **Yusuf M.A, Kumar D, Rajwanshi R, Strasser R.J, Tsimilli-Michael M, Govindjee, Sarin N.B (2010). Overexpression of γ-tocopherol methyl transferase gene in transgenic *Brassica juncea* plants alleviates abiotic stress: Physiological and chlorophyll a fluorescence measurements.**

Biochimica et BiophysicaActa-Bioenergetics, 1797(8): 1428-1438.

BOOK CHAPTER

- **Rustagi A, Shekhar S, Jain S, Kumar D and NeeraBhallaSarin (2016) Enhancing Abiotic Stress Tolerance. In: M. Sukhada, R. Kundapura (eds.), *Banana: Genomics and Transgenic Approaches for Genetic Improvement*, DOI 10.1007/978-981-10-1585-4_12.**

AWARDS AND HONORS

- ***2014, IIIrd prize in poster competition at "National Science Day 2014" organized by Jawaharlal Nehru University and Department of Science and Technology, New Delhi.***
- **2013, Ist prize in Plant biotechnology student oral competitions at "2013 In Vitro Biology meeting" organized by Society for In Vitro Biology, Providence, Rhode Island, USA.**
- **2013, John S. Song Foundation award by Society for In Vitro Biology, for outstanding research in Plant Tissue Culture at "2013 In Vitro Biology Meeting", Providence, Rhode Island, USA.**
- **2011, Ist prize for best Poster presentation at National conference on "Recent Trends in Biosciences" organized by Sri Pratap College, Srinagar, India.**
- **2011, John S. Song Foundation award by Society for In Vitro Biology, for outstanding research in Plant Tissue Culture and excellent student presentation at "2011 In Vitro Biology Meeting" from June 4-8, Raleigh, North Carolina, USA.**
- **2011, SIVB Travel award by Society for In Vitro Biology, for attending the "2011 In Vitro Biology Meeting" from June 4-8, Raleigh, North Carolina, USA.**
- **2011, Young Scientist travel award by Department of Science and Technology, Government of India, for attending the "2011 In Vitro Biology Meeting" from June 4-8, Raleigh, North Carolina, USA.**
- **2011, Competitive travel grant by Council of Scientific and Industrial Research, India to attend the "2011 In Vitro Biology Meeting" at North Carolina and "2013 In Vitro Biology Meeting" at Providence, Rhode Island, USA.**
- **2010, Encouragement award for poster presentation at "National symposium on Plant Cell Tissue and Organ Culture: The Present Scenario" at XXXI Annual meeting of Plant tissue culture association, Kolkata, India.**

Dr. Samantha Vaishnavi

- Pandita, S. Manvati, S.K. Singh, **S. Vaishnavi*** and R. N.K. Bamezai* (2015) Combined effect of microRNA, nutraceuticals and drug on pancreatic cancer cell lines, Chemico-biological interactions 233:56-64 [impact factor 2.618] (*corresponding author)
- Pandita, B. Kumar, S. Manvati, **S. Vaishnavi**, S. K. Singh and R. N. K. Bamezai (2014) Synergistic Combination of Gemcitabine and Dietary Molecule Induces Apoptosis in Pancreatic Cancer Cells and Down Regulates PKM2 Expression PLOS One 9(9) [Impact Factor 3.057]
- N. Dhar, S. Rana, S. Razdan, W. W. Bhat, A. Hussain, R. S. Dhar, **S. Vaishnavi**, A. Hamid, R. Vishwakarma and S. K. Lattoo (2014), Cloning and Functional Characterization of Three Branch Point Oxidosqualene Cyclases from Withania somnifera (L.) Dunal Journal of Biological Chemistry 2014 289: 17249-17267. [Impact Factor 4.573]
- N. Dhar, S. Rana, W. W. Bhat, S. Razdan, S. A. Pandith, S. Khan, P. Dutt, R. S. Dhar, **S. Vaishnavi**, R. Vishwakarma and S. K. Lattoo (2013) Dynamics of withanolide biosynthesis in relation to temporal expression pattern of metabolic genes in Withania somnifera(L.) Dunal: a comparative study in two morpho-chemovariants Molecular Biology Reports, 40(12):7007-7016. [Impact Factor 1.698]
- S. N. Raina, S. Jain, D. Sehgal, A. Kumar, T. H. Dar, V. Bhat, V. Pandey, **S. Vaishnavi**, A. Bhargav, V. Singh, V. Rani, R. Tandon, M. Tewari and A. Mahmoudi (2011) Diversity and relationships of multipurpose seabuckthorn (Hippophae L.) germplasm from the Indian Himalayas as assessed by AFLP and SAMPL markers, Genetic Resources and Crop Evolution 59: 6, (2012),1033-1053. [impact factor 1.258]
- Gupta, S. K. Pal, A. Trivedi, **S. Vaishnavi**, S. Rastogi, P Srivastava, A Runthala (2010) Insilico Microarray Analysis for Helicobacter pylori Using Gene Expression Data. International Journal of Applied Biology and Pharmaceutical Technology 1(3): 1175-1180. [impact factor 1.2653]
- S. N. Raina, S Sharma, T Sasakuma, M Kishii and **S Vaishnavi** (2005). Novel repeated DNA sequences in safflower (Carthamus tinctorius L.) (Asteraceae): cloning, sequencing, and physical mapping by fluorescence in situ hybridization. Journal of Heredity 96(4):424-429. [impact factor 2.075]

Conference abstracts/presentations:

- S. Vaishnavi and S. K. Wanchoo (2016) STEM at senior secondary level; status of some schools in Jammu region of J&K State Proceedings of LINC-2016 International Conference held at Massachusetts Institute of Technology, Cambridge USA during June 23-25, 2016
- S. K. Wanchoo, A. Kaul, **S. Vaishnavi**, H. Sinhval and H. K. Verma (2013) Educational Technology and its acceptance level among the students and teachers in some rural area Proceedings of LINC-2013 International Conference held at Massachusetts Institute of Technology, Cambridge USA during June 16-19, 2013.
- S. P. Singh and **S. Vaishnavi** (2012) In-Silico Drug Designing for Diabetes Mellitus in 8th J&K State Science Congress organized by University of Kashmir from September 17-20, 2012. (oral)
- **S. Vaishnavi** (2012) Progenitors of A. balfourii fresh insights during the National Symposium on Plant Cytogenetics: New approaches at Punjabi University, Patiala held from 23-24 February, 2012 (oral).
- S. K. Wanchoo, A. Kaul, **S. Vaishnavi**, H. Sinvhal & H. K. Verma (2010), MeLTs; A new approach to delivery of e-learning in remote and un-served rural areas in India Proceedings of the 5th International Conference of Learning International Networks Consortium (LINC-2010) held at Engineering Systems Division, Massachusetts Institute of Technology, USA, May 23- 26, 2010.
- **S Vaishnavi**, RM Devarumath and SN Raina (2010) Applicability of DNA markers in elucidating ancestors of allotetraploid Aconitum balfourii in 5th J&K Science Congress, organized by University

of Jammu, Jammu from Feb. 8 – 10, 2010 (oral)

- S K Wanchoo, A Koul, **S Vaishnavi**, H Sinvhal & HK Verma (2010) VSAT Enabled Mobile e-Learning Terminals for Education in Remote Areas 5th Jammu & Kashmir State Science Congress, organized by University of Jammu (February 08-10, 2010). (abstract)
- **S Vaishnavi**, RM Devarumath and SN Raina (2009) DNA fingerprinting and karyotypic analysis as useful approaches to study genomic relationships among Aconitum species. National Conference on Biodiversity: Present Status and Future Challenges organized by Department of Botany, University of Kashmir, Srinagar from March 26-28, 2009 (oral)
- **S. Vaishnavi** and S. N. Raina (2005) Fluorescence in situ hybridization as a new tool for chromosomal localization of DNA sequences: Methodology. Proceedings of Meeting on Utilization of Plant Genetic Resources, National Bureau of Plant Genetic Resources, Pusa Campus, N Delhi, 5-7 Oct. 2004. pp 241-248

Book Chapters:

- V K Goswami, S Nandy, **S Vaishnavi**, A K Bhatnagar and SN Raina (2005). Indian mayapple (Podophyllum hexandrum) leaf as an alternative source of podophyllotoxin; and RAPD fingerprinting between the Indian and American (P. peltatum) mayapple In: Biodiversity – Status and Prospects (eds P Tandon, M Sharma, R Swarup) Narosa Publishing House, N Delhi, pp 101-111.

Sequences submitted:

- PCR cloning of Internal Transcribed Spacer (ITS) regions of nrDNA. partial sequences of *Podophyllum* spp. AJ 717328 to AJ 717335 submitted to NCBI database.
- PCR cloning of Internal Transcribed Spacer (ITS) regions of nrDNA. partial sequences of *Aconitum* spp. AJ 717336 to AJ 717345 submitted to NCBI database.

Refer to Annexure "H"

Awards

- Joint CSIR-UGC National Eligibility Test (NET) for Lectureship, Dec 2001
- IAS-NASI-INSA joint Summer Research Fellow, 2011

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.
All faculty members are newly recruited and in process of applying with various funding agencies.

31. Code of ethics for research followed by the departments
The department follows the code of ethics for research and publishing reports

32. Student profile programme-wise: **Nil**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
2016-2017					
Integrated-M.Sc.		9	21	NA	NA

33. Diversity of students :

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
Session 2016-17				
Integrated-M.Sc.	First Batch of Students at UG level	90%	10%	Nil

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

General	0
OBC	0
SC	0
ST	0
Total	0

The first batch has just joined the M.Sc. programme.

35. Student Progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • **Campus selection** • **Other than campus recruitment**	Nil Nil
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	0%
from other universities within the State	0 %
From universities from other States	100%
From universities outside the country	0%

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

Newly established department in 2016

38. Present details of departmental infrastructural facilities with regard to

Library	Only Central
Internet facilities for staff and students	Yes
Total number of class rooms	01(till date)
Class rooms with ICT facility	01
Students' laboratories	01
Research laboratories	Nil*

***To be established with the starting of Ph.D. programme and through collaborations with research institutes, industries and other universities.**

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	Nil
From other institutions/universities	Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes, the neighbouring feeding institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback? -	Yes, through departmental meetings and the same is submitted for the consideration of academic bodies.
Students on staff, curriculum and teaching learning-evaluation and how does the department utilize the feedback? -	Yes, through interaction and the same is considered while framing curriculum and teaching-learning evaluation.
Alumni and employers on the programmes offered and how does the department utilize the feedback?	No, since a newly established department, but a policy has been framed.

43. List the distinguished alumni of the department (maximum 10)
Nil (Newly established Department)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.
- **Structured Lectures,**
- **Assignments,**
- **Laboratory experiments,**
- **Power point Presentations,**
- **Hands-on training,**
- **Seminars,**
- **One semester project work,**
- **Tutorials in class,**
- **One to one discussion.**
- **Remedial Classes**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Necessary steps have been taken to ensure that various objectives are realised, by considering and evaluating feedback from different stakeholders, including students, faculty members, parents, academia and alumni. From this academic session, the department completely adopted CBCS based curriculum in order to achieve and further the inter and multi-disciplinary approach amongst students to enable them for competing at the global level.

47. Highlight the participation of students and faculty in extension activities.
We have planned to involve the students and faculty in on-going extension activities

48. Give details of "beyond syllabus scholarly activities" of the department.
Awareness of the role of plant sciences by adopting nearby schools.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
The department is in the process of the first cycle of NAAC accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

i. Students and Faculty members are involved in designing of several scientific working models of real systems to understand the basic & applied knowledge of underlying hidden principle.
ii. Group discussion among the students is one of the major activities of our department and this promotes the development of interesting and striking ideas.
iii. Organizing cultural programme/ activities related to the subject.
iv. We are also looking forward for translational prospects of the subject.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

i. Good and defined Student teacher ratio.
ii. Upcoming Labs with curriculum based and along with classrooms to help students grasp basic and applied aspects of the discipline.
iii. Excellent faculty resource.
iv. Focussed approach towards establishing state of the art teaching and research facilities.

Weakness

i. Research facilities are in infancy since labs are under construction.
ii. Computational facilities are in the process of establishment.
iii. The University is in the process of hiring technical staff for laboratories.
iv. Proposed the establishment of Departmental library for faculty and students.

Opportunities

The department has a wider opportunity to develop as a centre of excellence since it has a pool of young and talented faculty resource.

Challenges

i. Being a relatively new department, the infrastructure is still in the process of development therefore research facilities still need to be developed and new research programmes need to be introduced.

52. Future plans of the department.
The department plan in near future plans to initiate research programme by developing state of the art infrastructure including laboratories. Also the department plans to collaborate with national and international institutions for quality research. Further, the department plan to explore new and upcoming areas like organic farming, agricultural based studies for societal benefit.

1. Name of the Department: **Centre for Molecular Biology**

2. Year of establishment: **2016**

3. Is the Department part of a School/Faculty of the university?
   Yes, the **Centre for Molecular Biology** comes under the **School of Life Sciences.**

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
   Proposed Program - M.Sc. Molecular Biology, Ph.D. Molecular Biology

5. Interdisciplinary programmes and departments involved
   Under the Choice Based Credit System scheme, many elective courses that are of interdisciplinary nature can be taken by the students from other departments.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   Nil

7. Details of programmes discontinued, if any, with reasons
   No programme is discontinued.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
   The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

9. Participation of the department in the courses offered by other departments
   Contributing in teaching in the Department of plant sciences and animal sciences, nano science and materials

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	00	00
Associate Professors	02	00	00
Asst. Professors	04	04	04
Others	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualification	Designation	Specialization	Experience	No of PH.D/M. Phil Students guided
1	Dr. Ashok Kumar Yadav	Ph.D (Biotechnology)	Assistant Professor	Centre for Molecular Biology	3 yrs	Nil
2	Dr. Praveen Kumar Mehta	Ph.D (Biotechnology)	Assistant Professor	Centre for Molecular Biology	1.5 yrs	Nil
3	Dr. Audesh Bhat	Ph.D (Biotechnology)	Assistant Professor	Centre for Molecular Biology	9.5 yrs	Nil
4	Dr. A eijaz Sultan Parray	Ph.D (Biotechnology)	Assistant Professor	Centre for Molecular Biology	4.5 years	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
R.N.K. Bamezai (Adjunct Faculty) Prof. Genetics & Director, National Centre for Applied Human genetics, School of Life Sciences, JNU, New Delhi

13. Percentage of classes taken by temporary faculty – programme-wise information
Nil

14. Programme-wise Student Teacher Ratio
M.Sc.: 5 students per teacher.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
At present there is no technical supporting staff in the department and the university is in process to recruit the required supporting staff.

16. Research thrust areas as recognized by major funding agencies

i. Molecular Biology
ii. Microbial Biotechnology
iii. Molecular Genetics
iv. Cancer Biology
v. Neurobiology
vi. Probiotic
vii. Diabetes

17. Number of faculty with ongoing projects from

National	**Nil**
International funding agencies and	Nil
Total grants received. Give the names of the funding agencies, project title and grants received project-wise.	Nil

18. Inter-institutional collaborative projects and associated grants received

National collaboration	Nil
International collaboration	Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil, We are in the process of submitting the proposal of DST-FIST and UGC-SAP

20. Research facility / centre with

State Recognition	Nil
National Recognition	Nil
International Recognition	Nil

Note: The department is in the process of setting up research labs on its own as well as through MoUs with research institutions, industry and Universities for which due recognition/accreditation will be sought.

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

Number of papers published in peer reviewed journals (national / international)	62
Monographs	00
Chapters in Books *	1
Edited Books	00
Books with ISBN with details of publishers	00
Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)	00
Citation Index – range / average	1040
SNIP	*
SJR	*
Impact Factor – range / average	226.5
h-index	32

***These are journal metrics for Elsevier Science journals. Since the number of articles published in different Elsevier Science journals is large, it is difficult to provide SNIP and SJR values for all the articles published in different journals.**

LIST OF PUBLICATIONS

DR. AUDESH BHAT

1) Dhar A, Udumulaa MP, Medapia B, **Bhat A**, Dhar I, Malapatia P, Babu MS, Kalra J, Srirama D, Desai KM. ***Pharmacological evaluation of novel alagebrium analogs as methylglyoxal scavengers in vitro in cardiac myocytes and in vivo in SD rats.*** International Journal of Cardiology, **2016** (Accepted).
2) Dhar A, Dhar I, **Bhat A**, Desai KM. ***Alagebrium attenuates methylglyoxal induced oxidative stress and AGE formation in H9C2 cardiac myocytes.*** Life Science. **2016**, 1(146):8-14.
3) Udumula MP, Medapi B, Dhar I, **Bhat A**, Desai K, Sriram D, Dhar A. ***The Small Molecule Indirubin-3'-Oxime Inhibits Protein Kinase R: Antiapoptotic and Antioxidant Effect in Rat Cardiac Myocytes.*** Pharmacology. **2016**, 97(1-2):2-30.
4) **Bhat A**, Maher VM, McCormick JJ and Xiao W. ***Rev7/Mad2B depletion causes mitotic arrest and mitotic spindle defects in human cells.*** Cell Cycle. **2015**, 14(24):3929-38.
5) Bahal R, Lakhani P, **Bhat A**, Kondiparthi L, Dhar I, Desai K, Dhar A**. Protein Kinase R and the**

metabolic syndrome. Journal of Cellular Biotechnology. **2015**, 1(1):53-61.

6) Dhar A, Reddy P, **Bhat A**, Desai K, Dhar I.***Double stranded RNA dependent protein kinase (PKR) and Type 2 diabetes***. Pharmacy Pharmacology International Journal. **2015**, 2(2):00015.

7) **Bhat A**, Andersen PL, Qin Z, Xiao W.***Rev3, the catalytic subunit of Polζ is required for maintaining fragile site stability in human cells.*** Nucleic Acids Research. **2013**, 41(4):2328-39.

8) Jia Li, **Bhat A,** Xiao W. ***Regulation of Nucleotide Excision Repair through Ubiquitination.*** Acta Biochem Biophys Sinca. **2011**, 43(12):919-29.

9) **Bhat A**, Gomis S, Potter A, Tikoo SK ***Role of Hsp90 in CpG ODN mediated immunostimulation in avian macrophages.*** Molecular Immunology. **2010**, 47(6):1337-46.

10) Gupta A, Yang Q, Pandita RK, Hunt CR, Xiang T, Misri S, Zeng S, Pagan J, Jeffery J, Puc J, Kumar R, Feng Z, Powell SN, **Bhat A**, yaguchi T, Wadhwa R, Kaul SC, Parsons R, Khanna KK, Pandita TK. ***Cell cycle checkpoint defects contribute to genomic instability in PTEN deficient cells independent of DNA DSB repair.*** Cell Cycle. **2009**, 8(14):2198-210.

11) Sharma S, Rai E, Sharma P, Jena M, Singh S, Darvishi K, **Bhat AK**, Bhanwer AJ, Tiwari PK, Bamezai RN. ***The Indian origin of paternal haplogroup R1a1* substantiates the autochthonous origin of Brahmins and the caste system*** Journal of Human Genetics. **2009**, 54(1): 47-55.

12) Gochhait S, **Bhatt A**, Sharma S, Singh YP, Gupta P, Bamezai RN. ***Concomitant presence of mutations in mitochondrial genome and p53 in cancer development – a study in north Indian sporadic breast and oesophageal cancer patients.*** International Journal of Cancer. **2008**, 123(11):2580-586.

13) Shamsi MB, Kumar R, Bhatt A, Bamezai RN, Kumar R, Gupta NP, Das TK, Dada R. Mitochondrial DNA Mutations in etiopathogenesis of male infertility. Indian Journal of Urology. 2008, 24(2): 150-54.

14) Jones B, Su H, Bhat A, Lei H, Bajko J, Hevi S, Baltus GA, Kadam S, Zhai H, Valdez R, Gonzalo S, Zhang Y, Li E, Chen T. The histone H3K79 methyltransferase Dot1L is essential for mammalian development and heterochromatin structure. Plos Genetics. 2008, 4(9): e1000190,

15) Stephen P, Vijayan R, Bhat A, Subbarao N, Bamezai RN. Journal of Computer-Aided Molecular Design .Molecular modeling on pyruvate phosphate dikinase of Entamoeba histolytica and in silico virtual screening for novel inhibitors. 2008, 22(9):647-60,

16) Rai E, Sharma S, Koul A, Bhat AK, Bhanwer AJ, Bamezai RN. Interaction between the UCP2-866G/A, mtDNA 10398G/A and PGC1alpha p.Thr394Thr and p.Gly482Ser polymorphisms in type 2 diabetes susceptibility in North Indian population. Human Genet. 2007, 122(5):535-40.

17) Kumar R, Bhat A, Bamezai RN, Shamsi MB, Kumar R, Gupta NP, Ammini AC, Aron M, Sharma RK, Dada R. Necessity of nuclear and mitochondrial genome analysis prior to assisted reproductive techniques/intracytoplasmic sperm injection. Indian Journal of Biochemistry Biophysics. 2007, 44:437-42.

18) Sharma S, Rai E, Bhat AK, Bhanwer AS, Bamezai RN A. novel subgroup Q5 of human Y-chromosomal haplogroup Q in India. BMC Evolutionary Biology. 2007, 7:232.

19) Bhat A, Koul A, Rai E, Sharma S, Dhar MK, Bamezai RN. PGC-1alpha Thr394Thr and Gly482Ser variants are significantly associated with T2DM in two North Indian populations: a replicate case-control study. Human Genetics. 2007, 121(5):609-14.

20) Darvishi K, Sharma S, Bhat AK, Rai E, Bamezai RN. Mitochondrial DNA G10398A polymorphism imparts maternal Haplogroup N a risk for breast and esophageal cancer. Cancer Letter. 2007, 249(2):249-55.

21) Bhat A, Koul A, Sharma S, Rai E, Bukhari SI, Dhar MK, Bamezai RN. The possible role of 10398A and 16189C mtDNA variants in providing susceptibility to T2DM in two North Indian populations: a

replicative study. Human Genetics. 2007, 120(6):821-26.

22) Saha A, Sharma S, Bhat A, Pandit A, Bamezai R. Genetic affinity among five different population groups in India reflecting a Y-chromosome gene flow. Journal of Human Genetics. 2005, 50(10): 49-51.

23) Sharma S, Saha A, Rai E, Bhat A, Bamezai R. Human mtDNA hypervariable regions, HVR I and II, hint at deep common maternal founder and subsequent maternal gene flow in Indian population groups. Journal of Human Genetics. 2005, 50(1): 497-506.

DR. PRAVEEN KUMAR MEHTA

1) **Mehta P.K,** Bhatia S.K, Bhatia R.K and Bhalla T.C. (2014) Bench scale production of nicotinic acid using a versatile amide-hydrolysing *Geobacillus subterraneus* RL-2a isolated from thermal spring of Manikaran, **Journal of Molecular Catalysis B: Enzymatic.** 10: 58-65.

2) Bhatia S.K, **Mehta P.K**, Bhatia R.K and Bhalla T.C. (2014) Optimization of arylacetonitrilase production from *Alcaligenes* sp. MTCC 10675 and its application in mandelic acid synthesis. **Applied Microbiology and Biotechnology**. 98: 83-94.

3) **Mehta P.K,** Bhatia S.K, Bhatia R.K and Bhalla T.C. (2015) Thermostable amidase catalyzed production of isonicotinic acid from isonicotinamide. **Process Biochemistry.** 50: 1400-1404

4) Bhatia R.K, Bhatia S.K, **Mehta P.K**, Bhalla TC. (2014) Biotransformation of nicotinamide to nicotinyl hydroxamic acid at bench scale by amidase acyl transfer activity of *Pseudomonas putida* BR-1. **Journal of Molecular Catalysis B: Enzymatic.** 108: 89-95.

5) **Mehta P.K,** Bhatia S.K, Bhatia R.K and Bhalla T.C. (2013) Purification and characterization of a novel thermo-active amidase from *Geobacillus subterraneus* RL-2a. **Extremophile.** 17: 637-48.

6) Bhatia S.K, **Mehta P.K**, Bhatia R.K and Bhalla T.C. (2013) Purification and characterization of arylacetonitrile specific nitrilase of *Alcaligenes* sp. MTCC 10675. **Biotechnology and Applied Biochemistry**. *61:*459-465.

7) Bhatia R.K, Bhatia S.K, **Mehta P.K**, Bhalla TC. (2013) Production and characterization of acyl transfer activity of amidase from *Alcaligenes* sp. MTCC 10674 for Synthesis of Hydroxamic Acids. **Journal of Microbial and Biochemical Technology**. 5:1.

8) Bhatia S.K, **Mehta P.K**, Bhatia R.K and Bhalla T.C. (2013) Purification of bienzymatic system: nitrile hydratase and amidase of *Alcaligenes* sp. MTCC 10674. **3 Biotech** DOI 10.1007/s13205-013-0163.

9) Bhatia S.K, **Mehta P.K**, Bhatia R.K and Bhalla T.C (2012). An isobutyronitrile induced bienzymatic system of *Alcaligenes* sp. MTCC 10674 and its application for the synthesis of α-hydroxyisobutyric acid. **Bioprocesss and Biosystem Engineering**. 36: 613-25.

10) Bhatia R.K, Bhatia S.K, **Mehta P.K** and Bhalla TC (2012) Bench scale production of benzohydroxlic acid using acyl transferase activity from *Alcaligenes* sp. MTCC 10674. **Journal of Industrial Microbiology and Biotechnology**. 40: 21-7.

11) Bhatia R.K, Bhatia S.K, **Mehta P.K**, Bhalla TC. (2016) Bio-statistical enhancement of acyl transfer activity of amidase for biotransformation of N-substituted aromatic amides. **Journal of General and Applied Microbiology** 62, 90–97.

12) **Mehta P.K,** Bhatia S.K, Bhatia R.K and Bhalla T.C. (2016) Enhanced production of thermostable amidase from *Geobacillus subterraneus* RL-2a MTCC 11502 via optimization of physicochemical parameters using Taguchi DOE methodology. **3 Biotech DOI: 10.1007/s13205-016-0390-1**

13) Singh R, Kumar M, Mittal A, **Mehta P.K.** (2016) Microbial enzymes: industrial progress in 21st century. **3 Biotech** DOI 10.1007/s13205-016-0485-8 **(Impact factor 0.9)**

14) Bhalla TC, **Mehta P K**, Bhatia SK, Thakur N and Pratush A (2008) Microorganisms for Food and Feed. In: Fundamentals of Food Biotechnology, Anne Publisher, New Delhi.

DR. ASHOK KUMAR YADAV

1) **AK Yadav, A Tyagi, JK Kaushik, AC Saklani, S Grover, VK Batish. (2013) Role of surface layer collagen binding protein from indigenous *Lactobacillus plantarum* 91 in adhesion and its anti-adhesion potential against gut pathogen. *Microbiol. Res.* 168(10):639-645. (IF. 1.99**)

2) **AK Yadav**, A Tyagi, A Kumar, S Grover, AC Saklani, VK Batish. Adhesion of Indigenous Lactobacillus plantarum to Gut Extracellular Matrix and its Physico-chemical Characterization. ***Arch Microbiol.*** 2015 Mar;197(2):155-164 **(IF. 1.86).**

3) **AK Yadav**, A. Tyagi, AC. Saklani, S. Grover, VK. Batish (**2014**). Molecular Cloning and Sequence characterization of Collagen Binding Protein from Lactobacillus plantarum Strain of Human Origin. **.** ***Int. J. Probiot. Prebiot***.. 9(3): 101-108.

4) **AK Yadav**, A Tyagi, A Kumar, S Panwar, S Grover, AC Saklani, R Hemalatha, VK Batish (**2015**). Adhesion of Lactobacilli and their anti infectivity potential**.** ***Critic. Rev. Food Sc. Nutri***. **DOI**: 10.1080/10408398.2014.918533**. (IF. 5.54)**

5) **AK Yadav,** K. Kumar, M. Verma, M Kumar, M Kumar **(2014).** Designing of Species-specific inhibition: The cysteine residues of triosephosphate isomerase. ***Basic Res. J. Medi. Clinic. Sc.*** 3(6): 62-66. **(IF. 0.68).**

6) Kumar M, **Yadav AK,** Verma V, Singh B, Mal G, Nagpal R, Hemalatha R (2016). **Bioengineered probiotics as a new hope for health and diseases: an overview of potential and prospects.** Future Microbiol. (11(4), 585–600). **(IF. 4.50**).

7) **A Tyagi, A. Kumar, AK. Yadav, AC Saklani, S. Grover , VK. Batish. (2016). Functional expression of recombinant goat chymosin in Pichia pastoris bioreactor cultures: A commercially viable alternate. LWT - Food Science and Technology. 69: 217e224. (IF. 2.41**).

8) **R. Nagpal, M. Kumar, AK Yadav, R. Hemalatha, H. Yadav, F. Marotta, Y.Yamashiro. (2015). Gut Microbiotain health disease: An overview focused on metabolic inflammation. Benef Microbes. Dec 8:1-14. [Epub ahead of print] (IF.2.64).**

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12) K Kumar, M Kumar, M Verma, **AK Yadav**, Q Uddin (**2013**). Anti-wolbachia: A herbal approach to treatment of Filariasis. ***Spatula DD.*** 4(2):101-108.

DR. AEIJAZ SULTAN PARRAY

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2) **Parray A**, Siddique HR, Kuriger JK, Mishra SK, Rhim JS, Nelson HH, Aburatani H,Konety BR, Koochekpour S, Saleem M. ROBO1, a tumor suppressor and criticalmolecular barrier for localized

tumor cells to acquire invasive phenotype: Study in African-American and Caucasian prostate cancer models. **Int J Cancer**. **2014** Apr 20. doi: 10.1002. PMID: 24752651.**ISSN:1097-0215, Impact Factor = 5.08**

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23. Details of patents and income generated

Nil, There are no patents as of now but we are in the process of establishing research laboratories through which it is hoped that we may be able to develop new cutting edge and innovative technologies which can be patented.

24. Areas of consultancy and income generated

Nil, The department does not offer any consultancy services at present. However, the department is in the process of formalizing partnerships with different research institutions and industries and engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad

Nil

26. Faculty serving in

National committees	Nil
International committees	Nil
Editorial Boards	Nil
Any other (please specify)	Nil

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Yes.

28. Student projects

Percentage of students who have done in-house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards / recognitions received at the national and international level by

Faculty	**Nil**
Doctoral / post doctoral fellows	Dr Audesh Bhat (JRF, SRF, PDF) Dr. Ashok Kumar Yadav (SRF, PDF), Dr. Praveen Kumar Mehta (JRF, SRF, PDF), Dr. Aeijaz Sultan Parray (JRF, PDF). Dr Aeijaz received a prestigious international Ph.D. Fellowship awarded by Paris school of Neurosciences for four years from -2008-2011 http://www.paris-neuroscience.fr/en/aijaz-parray. Dr. Aeijaz also Received the **Jason A.Cardelli award** for the best Poster presentation at the **Barlow symposium** in LSU Health Shreveport LA. (USA) in 2014. https://www.facebook.com/FeistWeiller/posts/719683504763024
Students	*

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.
Nil.

31. Code of ethics for research followed by the departments
Yes, the centre follows the code of ethics for research by adopting following measure: All research works are required to pass through the plagiarism check before submission of dissertation/thesis, mandatorily.

32. Student profile programme-wise: **Nil**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
2016-2017					

33. Diversity of students : **Nil**

Name of the Programme	Applications received	Selected		Pass Percentage	
		Male	Female	Male	Female
2016-2017					

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

General	0
OBC	0
SC	0
ST	0
Total	0

The first batch has just joined the M.Sc. programme.

35. Student Progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • **Campus selection** • **Other than campus recruitment**	Nil Nil
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates of:	
From same university	0%
from other universities within the State	0 %
From universities from other States	100%
From universities outside the country	0%

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period

04 Faculty members were awarded Ph.D. degree between 2008 and 2013.

38. Present details of departmental infrastructural facilities with regard to

Library	No
Internet facilities for staff and students	Yes
Total number of class rooms	02
Class rooms with ICT facility	01
Students' laboratories	01
Research laboratories	Nil*

***To be established with the starting of Ph.D. programme and through collaborations with research institutes, industries and other universities.**

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	Nil
From other institutions/universities	Nil

40. Number of post graduate students getting financial assistance from the university.

Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes, the need analysis was exercised and other institutions were surveyed and interactions were conducted with the stakeholders in order to assess the need for each programme. Thereafter, the proposal for each course was considered and approved by the various academic bodies of the university.

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching learning-evaluation? If yes, how does the department utilize the feedback? -	NA
Students on staff, curriculum and teaching learning-evaluation and how does the department utilize the feedback? -	NA
Alumni and employers on the programmes offered and how does the department utilize the feedback?	NO

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.

- **Structured Lectures,**
- **Assignments,**
- **Laboratory experiments,**
- **Power point Presentations,**
- **Hands-on training,**
- **Seminars,**
- **One semester project work,**
- **e-Learning materials from different Open Educational Resources (OER) both national and international provided to the students,**
- **Tutorials in class,**
- **One to one discussion.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Necessary steps have been taken to ensure that various objectives are realised. For this considering feedback from different stakeholders, including students, faculty members, parents and academia is taken regularly. From this academic session the department has completely adopted CBCS based curriculum in order to achieve and further the inter and multi-disciplinary approach amongst students to enable them for competing at the global level. In this way, the objective of department are met and learning outcomes are monitored.

47. Highlight the participation of students and faculty in extension activities.
Nil

48. Give details of "beyond syllabus scholarly activities" of the department.
Nil

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
The department is in the process of the first cycle of NAAC accreditation.

50. Briefly highlight the contributions of the centre in generating new knowledge, basic or applied.

i. Faculty members are involved in designing of several scientific working models of real systems to understand the basic & applied knowledge of underlying hidden principle.

ii. **Group discussion and brain storming among the students is one of the major activities of our department and this promotes the development of interesting and striking ideas.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

i. Competent, Energized, Teaching faculty with diverse areas of specialization contributes to comprehensive knowledge base of the students
ii. Collaborations with leading Research Institutions and industry is in process.

Weakness

i. Lack of space for teaching and research facilities as new academic blocks are under construction.
ii. Lack of Technical staff in the laboratories.
iii. Lack of a departmental library for faculty and students.

Opportunities

i. As the centre has faculty members working in both theoretical and experimental aspects of the discipline, hence a comprehensive development in teaching and research facilities covering both aspects can be ensured.
ii. Collaborations for research and training purposes are in process.
iii. Tremendous potential to develop the department as a Centre of Excellence in the discipline.
iv. Being a Central University, there is a ample scope for development.

Challenges

i. Lack of technical resources hinders project execution.
ii. Systematic start of M.Phil/ Ph.D. programme.

52. Future plans of the department.
The centre plans upgrade as a centre for excellence. Research projects and collaborating researches in on way with a systematic focus on teaching learning process that centre plans to setup as a department.

EVALUATIVE REPORT OF DEPARTMENT

ECONOMICS

1. Name of the Department : **Economics**

2. Year of establishment : **2011**

3. Is the Department part of a School/Faculty of the university?
Yes, the Department is part of School of Humanities and Social Sciences

4. Names of Programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):

S.No.	Programme	Duration	Nature	Intake
1	PG programme-	02 Years	Fulltime	30 (2015-16) 36 (2016-17)
2	**Integrated M.Phil- Ph.D (till 2015-16)**	3.5 years	Fulltime	5
3	**Ph.D (2016-17)** onwards		Fulltime	**01**

5. Interdisciplinary courses and departments involved:

S.No.	Programme	Semester	Department
1	Introduction to Indian Economy Before CBCS	1st	HRM & OB, Public Policy and Public Administration
2	Developmental Issues in Indian Economy Before CBCS	2nd	HRM & OB, Mass Media and Mass Communication, TTM, Public Policy and Public Administration
3 a. b.	Money, Banking and Finance Gender & Development	3rd	HRM & OB, TTM, English Computer Science & IT
4	World Economy	4th	HRM & OB

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **NIL**

7. Details of programmes / courses discontinued, if any, with reasons: **NIL**

8. Examination System Annual/ Semester/Choice Based Credit System:

S.No.	Programme	Mode
1.	PG	Semester based till 2015 CBCS 2015 onwards
2.	Integrated M.Phil-P.hD (till 2015-16)	Semester based
3.	P.hD (2016-17) onwards	Semester based

9. Participation of the department in the courses offered by other departments:

S.No.	Class	Semester	Course Title	Departments Involved
1.	MA Economics (2014-15)	1st	Fundamental of Computers	Department of CS&IT
2.	MA Economics (2014-15)	2nd	1.Tourism and Sustainable Development 2.Advanced Computer Concepts	Department of TTM Department of CS&IT
3.	MA Economics (2014-15)	3rd	1.Entrepreneurship and Small Business Management 2. Life Skill Education	Department of HRM & OB Department of Sociology and Social Work
4.	MA Economics (2013-14)	1st	Fundamental of Computers	Department of CS&IT
5.	MA Economics (2013-14)	2nd	Advanced Computer Concepts	Department of CS&IT
6.	MA Economics (2013-14)	3rd	Entrepreneurship and Small Business Management	Department of HRM & OB
7.	MA Economics (2013-14)	4th	Disaster Management	Department of Environmental Sciences

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors / Asst. Professors / Others)

Teaching post	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	01	VACANT	01 (Contractual Faculty)
Associate Professors	02	VACANT	None
Asst. Professors	04	04	04 + 02 (Contractual Faculty)

11. Faculty profile with name, qualification, designation and specialization, experience and research guidance:

Name	Qualification	Designation	Specialization	No. of Years of Experience	No.of Ph.D./M.phil students guided
R L Bhat	M.A (Economics) Ph.D(Economics)	Professor	Macro Economics, Economics of Education and Health Economics	35	3
Susanta Nag	M.A (Economics) M.Phil(Economics) Ph. D (Pursuing)	Assistant Professor	Applied Econometrics, Mathematical Economics and Health Economics	3 years 2 months	
Preeti Gupta	M.A (Economics) M.Phil(Economics)	Assistant Professor	Econometrics, Public Finance	04 years 10 months	

Shaveta Kohli	M.A (Economics) Ph.D (Economics)	Assistant Professor	Quantitative Methods, Econometrics, Development Economics	2 year 9 months	
Anil Kumar Bharti	M.A (Economics) M.Phil(Economics)	Assistant Professor	Econometrics, Micro Economics	2 year 9 months	
Esarul Ayub (Contactual)	M.A (Economics)	Assistant Professor	Development Economics, International Political Economy	4 years	
Rajesh Kumar (Conractaual)	M.A (Economics) M.Phil(Economics)	Assistant Professor	International Economics, Development Economics	3 years 2 months	

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors: **Nil**

13. Percentage of classes taken by temporary faculty – programme-wise information:

Year	PG	Integrated M.phil-Ph.d
2014	26%	13%
2015	25%	25%

14. Programme-wise Student Teacher Ratio:

Programme	Student-Teacher Ratio
PG (2015)	8:1
Integrated M.phil-Ph.d	0.7:1 (session 2015-16)

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Post	Nature	Sanctioned	Filled	Actual
LDC (Till 2016)	Administrative	01		01

16. Research thrust areas recognized by funding agencies: **NIL**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies and grants received project-wise: **NIL**

18. Inter-institutional collaborative projects and grants received: **NIL**

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received:
Department has submitted a proposal for the Project "Access to Health Care Services among Urban Slums Dwellers: A Case Study of Jammu City"

20. Research facility / centre with: **NIL**
State recognition
National recognition
International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: **NIL**

22. Publications Number of papers published in peer reviewed journals (national /international) Monographs **Refer to Annexure "H" for more information**

Prof. R L Bhat

- Delivered a lecture on " Food Security in India: Issues and Challenges Ahead" at Indian Institute of Public Administration, Jammu Chapter on 21st September , 2013
- Delivered three lectures on ICSSR sponsored workshop on "Information Technology Tools and Techniques in Social Science Research" at Guru Nanak Dev University, Amritsar, Punjab on 23rd and 24th May, 2014.
- Delivered three lectures during a refresher Course on Research Methodology organised by the department of Business and Financial Studies, University of Kashmir from 28th to 30th August, 2014.
- Delivered two lectures during a refresher Course on Research Methodology organised by Summer School, Academic Staff College, University of Kashmir from 31st august to 1st September, 2014.
- Delivered keynote address during a National Seminar on "A Socio-Economic Perspective on Scheduled Caste Women in India: issues and concepts" organised by Sai Shyam College of Education, Jammu on 21st February, 2015.
- Delivered lecture in a Research Methodology workshop organised by CRIID, Chandigarh from March 25 to 27, 2015.
- Delivered three lectures on "Academic Writing" and "Quantification of Qualitative Data" at "Two Week Capacity Building Programme for Social Sciences Faculty Members" from 30th November, 2015 to 13th December 2015 under the aegis of Reserve Bank of India chair, Centre for research in Rural and Industrial Development, Chandigarh.

Mr. Susanta Nag

- Paper Published " Opportunity Cost of Illness and Occupational Classes: A Case Study of Balangir District in Odisha", in Artha Vijnana, Vol. LVII, No. 3, September 2015, pp. 211-231.

Dr. Shaveta Kohli

- Paper Published "**Reaping Demographic Dividend through Gender Mainstreaming**" in Book entitled " The Demographic Dividend and India's Economic Future", ISBN 978-93-837933-3-4, Y S Books International, New Delhi.

- Paper Published "**Linkages Between Millennium Development Goals (MDGs) and Gender Equality : Myth or Reality**" in journal named Public Administration review published by PG Department of Public Administration, Utkal University, Vani Vihar, Bhubaneswar, ISSN 2249-3360, Vol. No. 16, May 2015, pp 56-65

- Paper Published "**Linkages Between Human Rights and Human Development: An Analysis of Rights Based Approaches to Development** " in Book entitled "Human Rights: Freedoms and Violations", ISBN 978-81-89463-30-4, Twentyfirst Century Publications, Patiala.

- Paper Published "**Linkages Between Trade Development and Poverty Reduction : A Case Study of Developing Nations with Special Reference to India**" in The Indian Economic Journal, Special Issue on Sustainable Roots out of Poverty : Past Experiences and Future Challenges, December 2014, ISSN 0019-4662, pp 24-34

- Paper Published "**An Analysis of Gender Bias in Society: A Case Study of Village Kanalah , Dhansal District, Jammu and Kashmir**" in an International Journal " Horizons of Holistic

Education"; e ISSN : 2349-9133; p ISSN : 2349-8811; Vol-I, November 2015, pp 143-150

- Paper Published "**Green Entrepreneurship: A Move towards Environmentally- Sustainable Development**" in Book entitled "Entrepreneurship Development in India: Challenges and Opportunities", ISBN 978-81-89463-68-7, Twentyfirst Century Publications, Patiala.

- Paper published " **Impact of Micro-Finance on the Livelihood of impoverished farmers' in the situation of Debt: A case study of Punjab**" in edited book titled Microfinance Building Bridges Between Economy and Society, Page No. 199-205,Vista International Publishing House, ISBN: 978-93-81604-84-7
- Paper Published "**Comparative Analysis of Prosperity and Indebtedness among Farmers in Punjab: A Case Study of Highly Developed and Least Developed Disricts**" in Journal named International Journal of Management and Development Studies, ISSN 2321-1423, Volume 1, Number 4, October 2013

- Paper Published "**Organised Retail Sector in India: Challenges Ahead"** in an Edited Book Titled "Emerging Paradigms in Business Ethics" ,Page No. 284-288, Shaheed-e-Azam Printing Press Pvt.Ltd., ISBN No. 978-81-921391-9-7

- Paper Published "**Flow of Institutional Credit and Indebtedness among Farmers in India**" in Journal Nava Arthiki (A Journal of Socio-Economic Matters), ISSN:2277-2529; Vol.19 No.2 ; July-Dec 2011

- Paper Published "**Classification of Districts on the Basis of Level of Agricultural Development : A Study of State Punjab**" in ESRI Journal (Journal for Economic and Social Science), ISSN:0975-7635

- Paper Published "**Changing Role of Indian Women"** in an Edited Book Titled "Women Empowerment in India" , Salaria Publications, ISBN No. 93-81107-04-1

Mr. Rajesh Kumar

- Paper published "Nuclear energy in India: Past Trends and Future Projections" in Security and Society ISSN, 2231-6000 Volume 7 Number 1-2 Summer-Winter 2012.

23. Details of patents and income generated: **NIL**

24. Areas of consultancy and income generated: **NIL**

25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad: **NIL**

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify): **NIL**

27. Faculty recharging strategies: **Workshops/ Seminars/ Conferences**
Details of the Seminars, Workshops and Conferences attended by the faculty

Mr. Susanta Nag

Seminar and Conferences

- Presented a Paper on "***Determinants of Health Expenditure: A Household Level Analysis in Odisha***" in the National Seminar on "**Globalisation and Future of Adivasis**", Organised by **Centre for Dalit and Adivasis and Translation, University of Hyderabad on 9th August 2012.**
- Presented a Paper on "***Opportunity Cost of Illness: A Case Study of Balangir District of Odisha***" in the National Conference on "**Better Health Access: The Rough Road Ahead**" organised by **IHEPA and held at ISEC, Bangalore on 20 and 21st December, 2012**.
- Presented a Paper on "***Opportunity Cost of Illness across Occupational Classes: Evidence from Balangir District of Odisha***", in the National Conference on **"Economic Growth and Marginalised Groups: A Search for Inclusive Policy"**, organised by the **School of Economics, University of Hyderabad, Hyderabad on March 24-24, 2014.**
- **Workshops**
- Participated in IASSI sponsored **"Research Methodology Course" organised by CESS, Hyderabad from 18.06.2012 to 30.06.2012.**
- Participated in ICSSR sponsored **"Research Methodology and Project Formulation" Course organised by ISID, New Delhi from 07-19 January 2013.**
- Participated in National Workshop on **"Capacity Development for Young Health Researchers in Social Sciences" organised by IDS, Kolkata during February 04-08 2013**.
- Participated in International Workshop on **"Statistical Methods for Environmental Data Analysis" held at C R Rao AIMSCS, Hyderabad during 4-7 March 2013.**
- Participated in the National Workshop on **"Scholarly Writing and Plagiarism: Keys Concerns" held from 29-31 October, 2014 Organised by Dept. of HRM & OB, Central University of Jammu.**

Ms. Preeti Gupta

- Attended a National Workshop on "Extraction, Transformation, Processing and Presentation of Micro-Level Data of NSSO and ASI" organised by the Post Graduate Department of Economics, University of Kashmir in collaboration with Ministry of Statistics and Programme Implementation, GOI from June 12 to 16, 2014.
- Attended a National Workshop on "Essential Computing Techniques" organised by the Department of Computer Sciences & IT, Central University of Jammu from October 8 to 10, 2014.
- Attended a National Workshop on "Scholarly Writing and Plagiarism: Key Concerns" organised by Department of Human Resource Management & OB, Central University of Jammu from October 29 to 31, 2014.
- Presented a Paper titled "Hypothesis Testing" in National Seminar on Research Methodology in Applied Economics organised by the Department of Economics, BBK DAV College for Women, and Amritsar on 12-13 Oct. 2012.
- Delivered lectures on Micro Economics in the PGT Refresher Course organised by KV Sangthan on 25th Dec, 2013 and 2nd Jan, 2014.
- Attended UGC sponsored General Orientation Course organised by UGC Human Resource Development Centre, University of Jammu from 14th Dec. 2015 to 12th Jan. 2016.
- Attended National Seminar on "Education and Youth: Challenges and Prospects" organised by Central University of Jammu, Jammu.
- Attended National Workshop on "Intellectual Property Rights Implementation and Enforcement"

sponsored by Department of Electronics and Inf. Tech (DEITY), Ministry of Communication and Information Technology, Govt. Of India organised by University Business Incubation Centre (UBIC), Central University of Jammu from 14th Jan to 15th Jan. 2016.

Dr. Shaveta Kohli

- Attended "Two Week Capacity Building Programme for Social Sciences Faculty Members" from 30th November, 2015 to 13th December 2015 under the aegis of Reserve Bank of India chair, Centre for research in Rural and Industrial Development, Chandigarh.

- Attended UGC sponsored workshop/ Short Term Course on " Political Economy of Development" from 16- 23rd June, 2014 organised by Academic Staff College, Punjabi University, Patiala.

- Attended TIES sponsored Faculty Training Programme on Basic Econometrics (3rd-8th March,2014) organized by School of Economics, College of Management, Shri Mata Vaishno Devi University, Katra(J&K).

- Attended 1st JNU National Interaction Programme for Ph.D. Scholars in Social Sciences & Humanities from 5th to 9th November,2012 organised by Academic Staff College, Jawaharlal Nehru University, New Delhi 110067

- Attended 3 Days Life Skills Training Programme on 10 core skills Self-awareness, Interpersonal relations, Communication, Critical thinking, Problem solving, Creative thinking, Dealing with emotions, Coping with stress, Decision and Empathy organised by the Career Guidance and Counselling Cell, Panjab University established under UGC XI Plan from 5th – 7th March,2012 held at ICSSR Complex, Panjab University, Chandigarh.

- Attended 2 Days Faculty Development Programme on Research and Data Analysis using SPSS (Statistical Product and Service Solutions) organized by the Department of Statistics of Panjab University in collaboration with SPSS, South Asia Ltd., Bangalore on 16th – 17th December,2010.

- Attended Seminar on 'Time Series Modeling' sponsored by Department of Science and Technology, Government of India, New Delhi. Organized by Centre for Mathematical sciences (CMS) , Apaji Institute of Mathematics & Applied Computer Technology, Banasthali University (Rajasthan) from 3rd – 6th Oct,2009.

- Attended AICTE sponsored Faculty Training Programme (under SDP scheme) on Applied Econometrics For Management Research (10-23 July,2009) organized by School of Economics, College of Management, Shri Mata Vaishno Devi University, Katra(J&K).

WORKSHOPS:

- Participated in three days workshop on Essential Computing Techniques organized by Department of Computer Centre & IT, Central University of Jammu, during October 8-10, 2014

- Participated in one day workshop on e-governance and National e-Governance Plan organized by Computer Centre, Panjab University, Chandigarh in collaboration with Department of Electronics and

Information Technology, Ministry of communications and Information Technology, GoI, held on 12th March, 2013

- Attended National Workshop on Time Series Analysis and Forecasting Techniques, organized by the Punjab School of Economics, Guru Nanak Dev University, Amritsar, during August 13-14, 2011.

- Attended Advanced Training Workshop on Qualitative Methods and Techniques in Social Science Research held on 7-18 March, 2011 organized by ICSSR (North-Western Regional Centre), Panjab University, Chandigarh.

- Attended Basic Training Workshop on Quantitative Methods and Techniques in Social Science Research held on 11-16 October, 2010 organized by ICSSR (North-Western Regional Centre), Panjab University, Chandigarh.

- Attended 4 Days workshop on SPSS (Statistical Product and Service Solutions) organized by the Department of Statistics of Panjab University, Chandigarh from 25th – 28th May, 2009.

DELIVERED LECTURE AS A RESOURCE PERSON:

- Resource person for UGC sponsored National Seminar on "*Consumer Protection : New Horizons and Awareness*" organized by GHG Khalsa College, Gurusar Sadhar. Delivered lecture on " **Consumer Protection : An Unrealised Reality** " ; Dated 21st March, 2015
- Delivered a lecture on "***Essentials of Economics***" held at Government Industrial Training Institute for Women, Sector 11-C, Chandigarh-160011. Dated: 13th March, 2015

- Resource person for the Model Training Course on "A*gricultural marketing reforms through contract farming for increasing productivity and income of farming community*" held at Division of Agricultural Economics & Statistics, Faculty of Agriculture, SKUAST-Jammu, Main Campus, Chatha. Delivered lecture on "**Linkages Between Agricultural Productivity, Credit Availability & Indebtedness Among Farmers: Issues & Way Forward" ;** Dated : 2nd Feb, 2015

- Delivered two sessions of two hours duration each on 26th April, 2016 and 28th April, 2016 for the Course " Research Methodology and Computer Application" to the students of MA Social Work (Semester II) , Central University of Jammu.

- Resource person for ICSSR sponsored National Seminar on " *Cruelties and Crimes Against Women : A Challenge for India*" organized by Department of History, SPN College, Mukerian. Delivered lecture on " **Bridging Economic Inequalities in Gender Relations: A Key Global Challenge** " ; Dated 3rd March, 2016

PAPER PRESENTATIONS:

International

- Presented Paper " Trade-An Inevitable Tool for Peace, Development and Poverty Reducation" at International Conference on World Peace-Perceptions and Practices organised by Sri Sai College of Education, Badhani-Pathankot from Feb. 28th & March 1st 2015.

National

- Presented Paper " Achievements and Challenges in Promoting Gender Equality and Women's Empowerment in India" at the National Seminar in Gender: Texts and Contexts organised by Central University of Jammu, Jammu on April 21st 2015.

State

- Presented Paper "Ambedkar and Women Empowerment: A Retrospect" at one day regional seminar on Bahishkrit Bharat: Remembring Babasaheb organised by Department of English, Central University of Jammu, Jammu on April 13th, 2015.

Mr. Anil Kumar Bharti

- Attended a National Workshop on "Extraction, Transformation, Processing and Presentation of Micro-Level Data of NSSO and ASI" organised by the Post Graduate Department of Economics, University of Kashmir in collaboration with Ministry of Statistics and Programme Implementation, GOI from June 12 to 16, 2014.
- Attended a National Workshop on "Essential Computing Techniques" organised by the Department of Computer Sciences & IT, Central University of Jammu from October 8 to 10, 2014.
- Attended a National Workshop on "Scholarly Writing and Plagiarism: Key Concerns" organised by Department of Human Resource Management & OB, Central University of Jammu from October 29 to 31, 2014.
- Attended a National Workshop on "Accreditation Awareness & Institutional Ranking" organised by the Department of Human Resource Management & OB, Central University of Jammu in collaboration with Internal Quality Assurance Cell, Central University of Jammu from January 5 to 6, 2015.
- Presented a Paper titled "*Social and Economic Mobility among Scheduled castes in Jammu and Kashmir: A case Study of Block Samba in District Samba*" in a three-day National Seminar on Concept of Social Exclusion and Inclusion in Indian History from 26th to 28th March 2014.
- Attended a Faculty Development Program on "Scholarly Writing and Case Analysis" organised by the Department of Human Resource Management & OB, Central University of Jammu from November 18th -20th 2012.
- Attended a Workshop on "Research Methodology and Application of SPSS for Data Analysis" for Economics and Related Disciplines For SC/ST Scholars organised by the Department of Statistics and the department of Economics, University of Jammu, Jammu from 18th Feb. To 27th Feb. 2013.
- Participated in a data Dissemination Workshop on "House Listing Data 2011- Census" conducted by the Department of Economics, University of Jammu in collaboration with directorate of Census operations, J&K held on March 22nd, 2013 at University of Jammu, Jammu.
- Presented a Paper titled "*Challenges and Perspectives of Higher Education ion J&K*" in a National Seminar on Higher Education in J&K: Challenges and Perspectives organised by the Govt. Degree College, Kathua in collaboration with Indian Council of Social Science Research, North-Western Centre, Panjab University, Chandigarh.

Mr. Esarul Ayub

- Attended a National Workshop on "Scholarly Writing and Plagiarism: Key Concerns" organised by Department of Human Resource Management & OB, Central University of Jammu from October 29 to 31, 2014.
- Presented a Paper titled "Primary Data: Utility and Limitations" in National Seminar on Research

Methodology in Applied Economics organised by the Department of Economics, BBK DAV College for Women, and Amritsar on 12-13 Oct. 2012.

Mr. Rajesh Kumar

- Attended a National Workshop on "Extraction, Transformation, Processing and Presentation of Micro-Level Data of NSSO and ASI" organised by the Post Graduate Department of Economics, University of Kashmir in collaboration with Ministry of Statistics and Programme Implementation, GOI from June 12 to 16, 2014.
- Attended a National Workshop on "Essential Computing Techniques" organised by the Department of Computer Sciences & IT, Central University of Jammu from October 8 to 10, 2014.
- Attended a National Workshop on "Scholarly Writing and Plagiarism: Key Concerns" organised by Department of Human Resource Management & OB, Central University of Jammu from October 29 to 31, 2014.
- Attended a National Workshop on "Accreditation Awareness & Institutional Ranking" organised by the Department of Human Resource Management & OB, Central University of Jammu in collaboration with Internal Quality Assurance Cell, Central University of Jammu from January 5 to 6, 2015.
- Paper presented on Knowledge Management and its Impact on Working Professional of Jammu Region" in ICSSR sponsored International Conference on "Shifting Paradigms in Applied Economics and Management: Course and Correction" organised by the Faculty of Management, SMVDU, Katra, Jammu and Kashmir from August 01-02, 2014.
- Delivered lectures on Macro Economics in the PGT Refresher Course organised by KV Sangathan on 26th Dec, 2013 and 1st Jan, 2014.

28. Student projects:

- Percentage of students who have done in-house projects including inter-departmental projects: In-house projects

  NIL

- Percentage of students doing projects in collaboration with other universities / industry / institute:
  NIL

29. Awards / recognitions received at the national and international level by: **NIL**

- Faculty
- Doctoral / Post Doctoral Fellow
- Students

AWARDS

Global Economic Progress and Research Association awarded **National Citizenship Gold Medal Award** for excellence in "Individual Achievements & National Development" on 1st May, 2014 to Dr. Shaveta Kohli.

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

- **Two day training workshop was conducted to train the students in data collection, editing and its analysis on the topic " Role of Women in Household Decision Making" during 2012-13 in which outside resource personnel were invited with funding from the University.**
- **Two day training workshop was conducted to train the students in data collection, editing and its analysis on the topic "Household Demand for Children" during 2013-14 in which outside resource personnel were invited with funding from the University.**
- **Two day training workshop was conducted to train the students in data collection, editing and its analysis " Socioeconomic Background of the Household and Health Status of the Young Children " during 2014-15 in which outside resource personnel were invited with funding from the University.**

31. Code of ethics for research followed by the departments:
At the beginning of every batch of Integrated M.phil-PhD, the students are advised to follow ethical procedure while conducting their research. They are warned not to indulge in plagiarism and collect field data with a high sense of honesty and integrity.

32. Student profile course-wise:

Name of the Programme	Applications received	Selected		Pass %
		Male	Female	Total
M.A 2011-12		10	20	100%
M.A 2012-13		16	24	53.12%
M.A 2013-14		10	13	72.72%
M.A 2014-15		9	19	78.23%
M.A 2015-16	392	13	17	

S.No	M.Phil Programme	Session	Submitted Dissertation	Accepted	Rejected
1	Economics	2012-13	02	02	-
2	Economics	2013-14	01	01	-

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of Students from the same University	% of students from other Universities within the State	% of students From universities outside the State	% of Students from Other Countries
MA Economics 2013-14	0%	100%	0%	0%
MA Economics 2014-2015	0%	100%	0%	0%
MA Economics 2015-2016	0%	100%	0%	0%
Int. M Phil & PhD 2013-14	20%	80%	0%	0%
Int. M Phil & PhD 2014-2015	0%	80%	20%	0%
Int. M Phil & PhD 2015-2016	40%	20%	40%	0%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise:
Kishore Kumar, M.A Economics, Qualified UGC-NET
Tariq Lone, Integrated M.Phil-Ph.D Student, Qualified UGC-NET
Shyam Lal, M.A Economics, Qualified UGC-NET
Narender Kumar, Integrated M.Phil-Ph.D Student, Qualified UGC-NET
Mohd. Altaf, M.A Economics, Qualified UGC-NET JRF
Tariq Ahmed, M.A Economics, Qualified UGC-NET
Sharief Ahmed, M.A Economics, Qualified UGC-NET
Preeti Devi, M.A Economics, Qualified UGC-NET

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	NIL
PG to M.Phil.	20%(session 2015 -16), 20% (session 2013-14)
PG to Ph.D.	NIL
Ph.D. to Post-Doctoral	NIL
Employed	NIL
Campus selection	
Other than campus recruitment	10
Entrepreneurs	

36. Diversity of Staff Percentage of faculty : (Including contractual faculty)

who are graduates of the same university	**NIL**
from other universities within the State	**71.4 %**
from universities from other States	**28.6 %**
from universities outside the country	**NIL**

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period:

Shaveta Kohli, Awarded Ph.D in Economics, from Panjab University
Preeti Gupta, Awarded M. Phil in Economics from University of Jammu
Anil Kumar Bharti, Awarded M. Phil in Economics from University of Jammu

38. Present details of infrastructural facilities with regard to

Library	Internet Facilities for Staff and Students	Total number of class rooms	Class rooms with ICT facility	Students' laboratories	Research laboratories	No. of Books
Central Students Library	**YES**	**02**	**NIL**	**University Computer Lab(equipped with SPSS software)**	**NIL**	1997

39. List of doctoral, post-doctoral students and Research Associates: **NIL**

40. Number of post graduate students getting financial assistance from the university. **NIL**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **Intensive exercise in curriculum development was done in the presence of external experts**.

42. Does the department obtain feedback from?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
The feedback from the faculty is obtained during every semester to stream line the teaching and learning process in the department.

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

In the light of feedback the department has revised course content in 9 courses.

c. Alumni and employers on the programmes offered and how does the department utilize the feedback?
Since the Department is in infancy stage and only two batches of students are passed out, the department is trying to make contact with the alumni for the growth and development of the Department.

43. List the distinguished alumni of the department (maximum 10): **NIL**

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts:

S.No.	Details
	Special Lectures
1	**Prof. Satesh Verma, RBI chair, Centre for Research in Rural and Industrial Development (CRRID) delivered lecture on Advanced Macroe conomic Theory.**
2	**Prof. A S Bhat from University of Kashmir, delivered lecture on Development Issues and Indian Economy.**
3	**Prof. Jasbir Singh from University of Jammu delivered lecture on Classical Political Economy.**
4	**Dr. Aroon Sharma from University of Jammu delivered lecture on Game Theory.**
5	**Prof. J R Gupta, Fellow Emeritus, Punjabi University, Patiala delivered lecture on Public Finance.**
6	**Dr. Manoj Bhatt from University of Jammu delivered lecture on the use of SPSS.**

45. List the teaching methods adopted by the faculty for different programmes

The teaching methods adopted by the faculty for different programmes are Class room lectures, Tutorial, Group Discussion, Weekly Seminar, Laboratory Teaching, Power Point Presentation, Field Work, Assignments

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

The department informally interacts with the students of various programmes at regular intervals to monitor the progress of learning process and in case of any short comings the Department rectifies the same.

47. Highlight the participation of students and faculty in extension activities.

Udaan (Co-Curricular Development), Workshops, Sports Meet, Alumni Meet, The students and the faculty of the department participate in the field survey every year for collecting data which is to be needed for MA dissertation. This provides training to the students in conducting of field surveys and editing.

48. Give details of "beyond syllabus scholarly activities" of the department.

Department Organised Seminars for all the students and scholars. In the Session 2015-16 the various presentations made by the department are

S.No	Topic	Presented By	Designation
1	Latest Happenings in Indian Economy	Shahid Hamid Raina	Integrated M.Phil-Phd Scholar
2	Recent Global Economic Issues	Waseem Hassan Khan	Integrated M.Phil-Phd Scholar
3	Make In India: Thrust to Manufacturing Sector	Anil Kumar Bharti	Assistant Professor
4	Opportunities and Challenges of India's External Sector	Rajesh Kumar	Assistant Professor
5	Financial Inclusion in India	Sumanpreet Kour	Integrated M.Phil - Ph.d Scholar
6	Monetary Policy and Recent Reviews by RBI	Khurshid Ahmad Rather	Integrated M.Phil - Ph.d Scholar

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:
The programme consists of courses which are applied in nature and some courses like 'Development Issues and Indian Economy' which are innovative course not being offered by most universities of the country. Some of the specialised courses in the programme which are in vogue like Human Development, Gender and Development, Health Economics, Economics of Education and the like have high employability and as such the output produced from the Department commands a respect in the employment market. Dissertation is mandatory for the IV semester students of the MA Programme and it is based on primary data to be collected by the students. This provides them training in designing the questionnaire, conducting of field surveys and editing, feeding and analysis of the data so collected with the help of computer software packages etc. This prepares students to be fit for many jobs which require such type of skills.

51. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	**Updated Syllabus, Specialised Courses (Latest in the Subjects), Dissertation on the basis of field work, Regular Teacher Students interaction outside the class, Continuous Assessment, Viva and Presentation by the students.**
Weaknesses	**Less space and lack of an independent/exclusive computer lab., Non-availability of hard copy journals , Students inputs mostly from catchment area.**
Opportunities	**The Department is likely to become one of the best Department of the University in the next 5-7 years, The Department shall emerge as a research centre in Applied Development Economics, Emergence of the department on behalf of empirical research on regional economics.**
Challenges	**Inadequate facilities, Research activity still to pick up its potential, Students, so far are from Jammu province only and unless the students are attracted from across the country, this vital input in the system would not be of a very high quality.**

52. Future plans of the department
The Department plans to have research collaboration with some leading institutions at the national level to begin with. The Department also plans to organize seminars and workshops in the near future and to motivate the faculty to undertake projects in their specialized area so that the department is established as an important research center.

EVALUATIVE REPORT OF DEPARTMENT

PUBLIC POLICY AND PUBLIC ADMINISTRATION

1. Name of the Department : **Department of Public Policy and Public Administration**

2. Year of establishment: **2013**

3. Is the Department part of a School/Faculty of the university?
Yes, School of Humanities and Social Sciences.

4. Names of programmes offered (UG, PG, **Ph.D, Integrated M.Phil-Ph.D)**

S.No.	Programme	Duration	Nature	Intake
1	PG in Public Policy and Public Administration,	04 Semesters	Fulltime	30
2	Integrated M.Phil. – Ph.D. and Part Time Ph.D.,	03 Years 06 Months Minimum	Fulltime/ Part Time	05 Per Year

5 .Interdisciplinary programmes and departments involved.

S.No.	Programme	Semester	Department
1	Local Governance in India	III	Mass Communication and New Media
2	E-Government	IV	English, Economics, MCNM

6. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil.**

7. Details of programmes discontinued, if any, with reasons. **Nil.**

8. Examination System:Choice Based Credit System: **Semester system.**

S.No.	Programme	Mode
1	PG, in Public Policy and Public Administration	Semester
2	M.Phil.&Ph.D. Integrated	Semester

9. Participation of the department in the courses offered by other departments.

S.No.	Class	Semester	Course Title	Departments Involved
1	M.A.Public Policy and Public Administration	IIIrd		Department of Mass Communication and New Media

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	01	None	01
Associate Professors	02	None	None
Assistant Professor	04	04	Six (2 contractual)

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided
Dr.Rouchi Chaudhary	Ph.D.	Assistant Professor	Comparative Public Policy & Urban Governance	03	NIL
Mr. G. Durga Rao	M.A.	Assistant Professor	Financial Administration & E-Governance	03	NIL
Dr.Govind Kumar Inakhiya	Ph.D.	Assistant Professor	Rural Governance & Social and Inclusive Policy	07	02
Mr.Mohit Sharma	M.Phil	Assistant Professor	CSR & Governance	09	NIL
Dr. D. Paul Sugandhar	Ph.D	Assistant Professor	E-Governance & Research Methods	03	NIL
Mr. Deepak Sharma	M. Phil	Assistant Professor	Human Resource Administration & Governance	03	NIL

12. List of senior Visiting Fellows, adjunct faculty, emeritus professor. List submitted

13. Percentage of classes taken by temporary faculty – programme-wise information.

Year	Public Policy and Public Administration
2016	33.33 %

14. Programme-wise Student Teacher Ratio.

Programme	Student – teacher ratio
Post -Graduation	6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Staff	Sanctioned	Filled	Actual
Academic Support Staff		0	0
Administrative Staff		1	1

16. Research thrust areas as recognized by major funding agencies

- Ethics in public life
- Transparency in Administration
- Citizen Centric Governance
- Ombudsman at Local Level
- Effectiveness of PPP
- Measuring Governance
- ICT and Governance
- Simplifying Procedures in Administration
- Citizen Journalism
- Inclusive Governance

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **N.A**

18. Inter-institutional collaborative projects and associated grants received. **NA**.

a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Refer to Annexure K**

20. Research facility / centre with.

21. Special research laboratories sponsored by / created by industry or corporate bodies. **None.**

Refer to Annexure K

22. Publications:

Title	Journal Name	Page No., Vol. No.	Year of Publication	Author (s) Name	ISBN/ISSN No.
Effect of Corruption on Good Governance and Human Rights, Human Rights: Issues and Perspectives.	(Edited Book). Dr.Jatinder Kaur	pp-262-268.	2012	Dr.Rouchi Chaudhary	9789381832967
Human Resource Development Practices in J&K Police: A Study of Recruitment of Police Constables.	South Asian Academic Research Journal.	Volume 2, Issue 12, (pp.336-341)	2012 December	Dr.Rouchi Chaudhary (Co-Author)	22497137
Training of Police Personnel: An Appraisal of the Role of Police Training School Kathua (J&K).	South Asian Academic Research Journal,	pp.17- 23 Volume 2 Issue 2	2012 February	Dr.Rouchi Chaudhary (Co-Author)	22497137
Perception of Jammu and Kashmir Police Personnel about Promotion: A Zonal Study.	South Asian Academic Research Journal	pp.205-212 Volume 2 Issue 1	2012 January	Dr.Rouchi Chaudhary	22497137
Human Rights: A Historical Perspective	Journal of Government and Political Science	pp.1-15 Vol.XXXV, Issue No.2	2010 September	Dr.Rouchi Chaudhary (Co-Author)	02513056
'Performance Appraisal of Economics Offence wing of Chandigarh Police: An Analytical study	Academicia- An International Multi disciplinary Research Journal	pp.210-227 Vol 2, June 5	2012 May	Dr.Rouchi Chaudhary (Co-Author)	2249-7137
Good Governance in India: A study of Gujrat Governance Model, ,	International Conference on Public Administration	Vol. I., UESTC Press, Chengdu, China	2014	G. Durga Rao	ISBN-978-7-5647-2652-2
Role of PRI's in Implementation of the MNREGA and Rural Development in Jammu and Kashmir State,	Excel India Publishers. (Chapter in Edited Book)	pp.128-135,	2014	Dr.Govind Kr. Inakhiya	978-93-8384222 3

Constitutional Development in Uzbekistan: A Critical Appraisal	Security and Society	Vol. 07 No. 1 -2 pp.48-62, Summer – winter,	2012	Dr.Govind Kr. Inakhiya	2231-16000,
73van SanvedhanikSansodhantha tha Rajasthan meinMahilaPartinidhitave kMulyankan, ,	New Ind ia Research Review	Vol.2,No .2 pp.4 - 15, "	2012	Dr.Govind Kr. Inakhiya	2249-8869 5
Budhism in Central Asia : A Historical overview,	Rajasthan Granthagrah, Jodhpur	pp eds book pp 169-176	2013	Dr.Govind Kr. Inakhiya	9788186 10307X
India and Central Asia : Two decades of Transitions	"Dialogue"	vol 14, No. 3 pp 191-192	2013	Dr.Govind Kr. Inakhiya	
AVB Group Scripting A New CSR Paradigm Towards Inclusive Growth.	VikasVani Journal	Vol. (7) No.2	2013	UmeshDhy ani&Mohit Sharma	0974-8083
Ethics and morality beyond normative theories. Asian journal of Business Ethics	Springer Online		2013	Jayanthi ,C.V UmeshDhy ani&Mohit Sharma	2210-6731
CSR Mandate in Company Act	VikasVani	Journal Vol. (8) No.1	2014	UmeshDhy ani, Mohit Sharma and Jayanthi.C. V,	0974-8083
'Information Communication Technology: Confronting Crime' 75thAnnual Conference	(P.A. Times on - line Edition) American Society for Public Administration (ASPA),		2014	(Co-author). Dr. D. Paul Sughandar	
"The State of e-Governance in India: A Cross-country Study"	International Conference on Public Administration 2013 (ICPA), Cape Town, South Africa,		2013	Co Author Dr. D. Paul Sughandar	978-7-5647-1920-3.

"Teaching and Research in Public Administration in Post-Globalized World: Challenges and Prospects"	8th International Conference on Public Administration (ICPA 2012) Hyderabad, INDIA.		25-27, October, 2012	(Co-Author) Dr. D. Paul Sughandar	978-7-5647-1031-6.
Information Communication Technologies (ICT) and Administration Reforms in India'	Kakatiya University Journal of Social Sciences, Kakatiya University, Warangal (A.P)	Vol. 8 No. 2, (KUJOS S)	July - December, 2012	Dr. D. Paul Sughandar	ISSN-2277-8144.
Strengthening Public Institutions for Good Governance : An analysis of Digital India Programme	11th International Conference on Public Administration	Proceed-ings	Accepted for publication	Dr. D. Paul Sughandar	
"A Study on Constraints Faced by PIOs in the Implementation of RTI Act in Himachal Pradesh"	Himachal Pradesh University Journal	Vol-02, Issue 01,	2012	(Co-Author) Deepak Sharma	
Functioning of State Information Commission in Himachal Pradesh: A Study	Shimla Management Journal	Vol. 01, Issue 01	2012,	(Co-Author) Deepak Sharma	2320 0154
Judiciary and Right to Information"	in Edited book "Administrative Reforms-Milestones and Challenges by Prof.RenuKapila ,Punjabi University		2015	Co-Author) Deepak Sharma	978-81-8484-463-4

23. Details of patents and income generated. **Nil.**

24. Areas of consultancy and income generated. **Nil.**

25. Faculty selected nationally / internationally to visit other laboratories / institutions Industries in India and abroad. **Nil.**

26. Faculty serving in
a) National committees b) International committees c) Editorial Boards d) any other (please specify). **NIL**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs,workshops, training programs and similar programs).

Dr. Govind Kumar Inakhiya Attended Orientation Course from ASC, University of Jammu **2014.**

28. Student projects

a. percentage of students who have done in-house projects including inter-departmental projects. **Nil**

b. percentage of students doing projects in collaboration with other universities industry / institute. **Nil.**

29. Awards / recognitions received at the national and international level by: **Nil.**

a. Faculty
b. Doctoral / post doctoral fellows
c. Students

30. Seminars/ Conferences/Workshops organized and the source of funding (National International) with details of outstanding participants, if any. Nil.

31. Code of ethics for research followed by the departments. The dissertation work is in fourth semester in the course curriculum of the department and M. Phil-Ph.D. programme. But the faculty members are vowed to encourage the students for quality research work adhering to research ethics.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	**Applications Received**	**Selected**		**Pass percentage**	
		Male	Female	Male	Female
M.A-(Public Policy and Public Administration)2014-15	30	7	8	71.43	87.5
2016	187	8	16	Pursuing	
	392	14	12	Pursuing	
Int. M.Phil., Ph.D 2013	34	03	03	66.6	100
2014	54	03	02	100	
2015	45	03	02		

33. Diversity of students

Name of the Programme (refer to question no. 4)	**% of Students from the same university**	**% of students from other universities within the State**	**% of students From Universities outside the State**	**% of students from other countries**
Post-Graduation	0	97.2%	2.8%	0
Integrated M.Phil-Ph.D.	0	73.3%	26.7%	0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.
01 (JRF).
02 (NET).

35. Student progression.80%.

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	04
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	Nil
Entrepreneurs	

36. Diversity of Staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	100%
From universities from other States from	100%
universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period.
01

38. Present details of departmental infrastructural facilities with regard to:

Library	Internet Facilities for Staff and Students	Total number of class rooms	Classrooms with ICT facility	Students' laboratories	Research laboratories	No. of Books
Central Students Library	YES	02	01	NIL	NIL	Morethan 500 till 2015-16

39. List of doctoral, post-doctoral students and Research Associates:

From Host University	From Other University	Doctoral
NIL	10 Students pursuing M.Phil. Ph.D. Programme	04

40. Number of post graduate students getting financial assistance from the university. **None.**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **None.**

42. Does the department obtain feedback from

i. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Faculty members are part of the curriculum designing, however, when they teach the same curriculum, they get to understand the strengths and weaknesses. Same is the case with evaluation. Based on their experiences, the curriculum and the teaching-learning-evaluation process is improved.

ii. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
The department has a close group of fifteen students and five faculty members, so students are open with the faculty on each and every issue. They convey their feedback about staff, curriculum and teaching-learning-evaluation very informally on which prompt actions are taken by the department through Board of Studies.

iii. Alumni and employers on the programmes offered and how does the department utilize the feedback? As soon as the department gets its first batch of alumni, it is planned to make an alumni association of the department and get the feedback of the alumni on the courses and the requirements of the field from their employers.

43. List the distinguished alumni of the department (maximum 10): **NA.**

44. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts.

i. The students wrote various term papers on various issues and submitted to the concerned faculty.

ii. Each student preparing a note on the specialised areas and submitted to the concerned faculty.

iii. The students thoroughly covered the annual festival of the university Udaan, 2015 and wrote press releases for all the three days of the function which got published in the leading newspapers of Jammu. (January, 2015).

45. List the teaching methods adopted by the faculty for different programmes.

All the faculty members use lecture, class discussions, tutorials, assignments and presentations to teach the students of the department.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Learning outcomes are reflected in the performance of the students which is judged by class discussions and by assignments. The faculty uses these methods to monitor the learning outcomes and to meet the programme objectives. The performance of the students through continuous internal assessment and mid-term gives an index of the outcome attained.

47. Highlight the participation of students and faculty in extension activities. **(Refer to Annexure K)**

The faculty members have participated in execution of many programmes organised by the university, be it the annual day celebration, sawachh bharat abhiyan, sardar vallabh bhai patel birth anniversary, annual function Udaan 2015 or sports meet. The students also remained active throughout the semester in these programmes.They participated in on-spot painting competition, photography competition, skit, mimickery and also won prizes.

48. Give details of "beyond syllabus scholarly activities" of the department.

(Refer to Annexure K)

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.

No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

NA.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths	**1. Competent faculty with International exposure** **2. Innovative approach to teaching-learning process.** **3. Handbook has been published.** **4. Policy Clinic and Governance Lab established.** **4. Up-to-date library & sufficient books.**
Weaknesses	1. Vacant teaching and non-teaching posts. 2. Weak infrastructural support. 3. Shortage of space 4. Non-availability of local resource persons.
Opportunities	1. The department is planning to launch its own website and blog. 2. Well designed courses for career opportunities.
Challenges	1. To inspire the local students to prepare for Competitive examinations (Central & State). 2. To increase competition among the students. 3. The interdisciplinary programmes shall be launched. 4. Infrastructure development of practical work.

52. Future plans of the department.

1. The department has already planned for starting publication of International Journal.
2. Establishment of Competitive Coaching Center
3. Applied for Innovative Studies Programme to UGC
4. The department is in the process of signing MoU's with Korea, China and USA universities for academic collaborations.

1. Name of the Department: **Sociology and Social Work**

2. Year of establishment : **2014**

3. The Department part of a School/Faculty of the university?
Yes, the department is the part of School of Humanities and Social Sciences

4. Names of programmes offered

S.No.	Programme	Duration	Nature	Intake
1	PG- M. A. in Social Work	04 Semesters	Fulltime	36

5. Interdisciplinary programmes and departments involved

S.No.	Programme	Semester	Department
1	Elements of Social Work	1st	Mass Communication and New Media and Applied Mathematics
2	Life Skill Education	3rd	Economics, Education, Environment Science
3	Counselling	4th	

The department offered a course titled 'Elements of Social Work' to the students of Applied Mathematics Department.
The students of this department are studying elective courses offered by the Department of Mass Communication and New Media (Course name : Communication Skills) and Applied Mathematics (Course name: Statistics and Probability)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.**: NA**

7. Details of programmes discontinued, if any, with reasons**: NA**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System**: Semester System**

9. Participation of the department in the courses offered by other departments:
Yes, the department participates in the interdisciplinary courses offered by other departments.

S.No.	Class	Semester	Course Title	Departments Involved
1	M.A.Social Work	1st	Communication Skills	Department of Mass Communication & New Media
2	M.A.Social Work	2nd	Statistics and Probability	Department of Applied Mathematics
3	M.A.Social Work	3rd	Basic Linear Agebra - MAMT375 Entrepreneurship and Small Business Management	Department of Applied Mathematics, Department of Human Resource Management & Organizational Behaviour
4	M.A.Social Work	3rd	Guidance and Counseling Gender Development	Department of Education Department of Economics

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (Including CAS & MPS)
Professor	01	VACANT	
Associate Professors	02	VACANT	
Asst. Professors	04	04	05 (01 Contract Faculty)

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph. D / M.phil students guided
Prof. Ghandi Doss (till June 2016)	Ph. D (Social Work)	Professor	Social work Education; Sustainable Development; M &E	34	NIL
Dr. Digvijoy Phukan (til July, 2015)	Ph. D (Social Work)	Assistant Professor	Livelihood, Project design and evaluation	1 Year	
Dr. Nancy Mengi	Ph. D. (Social Work)	Assistant Professor	Women and child Develop-ment, Urban Development, Medical Social Work	9 Year	
Mr.Mohd.Uzair (til Dec., 2015)	M. A.(Social Work)	Assistant Professor	Community Development, Inclusive Education	1 Year	
Mr. Kulwinder Singh (till May, 2015)	M. A.(Social Work)	Assistant Professor	Social Development, Mental health, Social deviance	2 years	
Mr. Bhat Iqbal Majid	M.Phil (Social Work)	Assistant Professor	Tribal and Rural Development, Social Policy	3 years	
Mr. Vinay Kr. (from July, 2016)	M. A.(Social Work)	Assistant Professor	Urban and Rural Community Development	2 years	
Dr. Ranvir Singh (from July, 2016)	Ph. D. (Social Work	Assistant Professor	GIS and Public Health System Analytic Food Security Nutritional Assessment & Surveillance	7 years	
Ms. Yangchek Dolma (from Sept., 2016)	M. A.(Social Work)	Assistant Professor	Women & Child Development Rural Development		

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors NIL

13. Percentage of classes taken by temporary faculty – programme-wise information

Year	
2014	-
2015	43%
2016	11.11%

14. Programme-wise Student Teacher Ratio = 4:1

15. Number of academic support staff (technical) and administrative staff : sanctioned, filled and actual

Post	Nature	Sanctioned	Filled	Actual
Lower Division Clerk	Administrative			01 (one LDC is shared by three depts)

16. Research thrust areas as recognized by major funding agencies:
Thrust area at the present is converging with the government efforts in the area of Child Care and Protection & Disability Sector.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise. **02**

18. Inter-institutional collaborative projects and associated grants received - **NA**
a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **NIL**

20. Research facility / centre with : **NIL**

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : **NIL**

22. Publications:

- Number of papers published in peer reviewed journals (national / international): 10
- Monographs
- Chapters in Books 6
- Edited Books:
- Books with ISBN with details of publishers
- Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)

Title	*Journal Name*	Page No., Volume No.	**Year of publication**	**Author (s) Name**	ISBN/ISSN No.
Dietary Concerns of Working Mothers in Delhi for their Overweight Children	*Journal of School Social Work*	09-14, X	**2014**	**Phukan, D**	ISSN: 0976-3759
Protected Area and People: Exploring the Role of Social Work Practice	Social Work Response to Environment and Disaster, S.Bhatt and N. Agnimitra (Eds.)	84-101	2014	**Phukan, D & Kumar, V**	Shipra Publications
Exploring the Climate Change Discourse in India through the Lens of Social Work Practice	Social Work Response to Environment and Disaster, S.Bhatt and N. Agnimitra (Eds.)	170-187	2014	**Kumar, V & Phukan, D**	978-81-7541-746-5 Shipra Publications
Urbanisation and its inimical aftermath in India	Asian Journal of Research in Social Sciences and Humanities	Vol. 5, Issue 2 Pg. No 103-111	2015	**Mengi, N**	2249-7315.
The Journey of Womanhood: Historical Perspective in the Indian Context	Asian Journal of Research in Social Sciences and Humanities	41-46, 4	2014	**Mengi, N**	2249-7315
Health Care in Delhi: Spatial Dimension of Expansion and Access	Marginalization in Globalizing Delhi: Issues of Land, Livelihood and Health, Delhi: Springer (Forthcoming)		2016	**Singh Ranvir**	978-81-322-3581-1
LANNing in South Asia: Need for New Optics	Farmer"s Forum		2015	**Swain Biraj and Ranvir Singh**	RNI No. DELENG/2001/5526
Dalits and Under-Nutrition Levels, Determinants, Affirmative Action and Challenges	International Journal on Arts, Management and Humanities		2014	**Singh Ranvir Biraj Swain**	(Online): 2319 – 5231
How Effective is Affirmative Action?	Governance Now	Pg 42-45	2014	**Swain Biraj and Ranvir Singh**	RNI No. UPENG/2010/33798

Small Farmers, Institutions and 12th Five Year Plan: Making the Triad Talk	Ecological Democracy	Vol 1 Issue 2	2013	**Swain, Biraj and Ranvir Singh**	
Women in Agriculture: Recognizing and Re-Prioritizing them	Ecological Democracy	Vol 1, Issue 3	2013	**Swain, Biraj and Ranvir Singh**	
Racial Discrimination against Women from North-East India: Need of Corrective Measures	Gender Justice and Women Empowerment: an Integrated Approach in edited book by Sarbjeet Singh, Pankaj Doth		2013	**Toor Jasdeep Singh, Ranvir Singh and Bhagwant Singh**	ISBN: 978-81-8484-275-3
Geographical Information System: Public Health	Information Technology and Data		2011	**Singh, Ranvir**	ISBN: 978-93-80906-27-0
Parliaments and Climate Change: towards Greener Policies – A study of Indian Parliament	Lok Sabha publications, Parliament of India		2012	**Kumar, V**	
Silent Screams: A Gendered Analysis of Kashmir Conflict	*Social Work Journal, Central University of Assam, Silchar*	77-86, 5	**2014**	**Iqball, Bhat**	ISSN: 0976-5484
Book Review: Caste and Democracy in India: Perspectives form Below	Social Change	1-5, 45(3)	2014	**Iqball, Bhat**	ISSN: 00490857
Conceptualisation of violence and wellbeing in public health discourses: Analysis and Interpretation	Sheema Aleem and Naved Iqbal(Ed), Perspectives on Health and Wellbeing (Eds.)	87-96	2015	**Iqball, Bhat**	ISBN: 978-93-85777-42-4. Excel publishers
Identity and Marginalisation: a case of Gujjars and Bakkarwals of Jammu and Kashmir	Sanjai Bhatt and Suresh pathare (Ed), Social work education and Practice Engagement,	102-108	2015	**Iqball, Bhat**	**ISBN**: 9788175417571 Shipra Publications
Anti-Oppressive Social Work Theory and Practice: Contextualizing the Caste Debate in Indian Social Work education	Ramesh, Jare (Ed), Caste in Modern India		2016	**Iqball, Bhat**	Stadium Press

23. Details of patents and income generated :**NA**

24. Areas of consultancy and income generated :**N A**

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad Mr. Bhat Iqbal Majid is attending the Summer School, University of Freiburg, Germany

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards Dr. Nancy Mengi is in the Editorial Board of Chitkara University, Chandigarh d) any other (please specify)

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). Yes,

1. Scholarly Writing and Plagiarism: Key Concerns organized by the Department of Human Resource Management and OB, Central University of Jammu

. Essential Computing Techniques organized by the Department of Computer Science and IT, Central University of Jammu.

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects – 1OO%
  All the students are undergoing in house training in the NGO's as a part of their field work practicum.

- percentage of students doing projects in collaboration with other universities industry / institute. None

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows-01(Doctoral)
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (National International) with details of outstanding participants, if any.

1. Consultation on Training Needs for Institutions Working for Persons with Disability-
   The Consultation was facilitated by Dr, Indumathi Rao, President, CBR Network, South Asia. The participants represented Government, Health and Medical Education Departmen and civil society organsiations working in the field of Disability.
   The Funding was done by the University.

2. JK State level conference for Juvenile Justice (care and protection of children) Act: Options and Opportunities.

The Conference had participants representing all three regions of J&K State comprising of Jammu, Kashmir and Leh region. There was representation from the J&K Government from departments like Social Welfare Department, Civil Admininstartion, Police and Judiciary. The members from Academia like University of Kashmir and University of Jammu took part in the conference. International Bodies like- UNICEF and International Red Cross Society also took active part in the proceedings of the conference. Civil Society members from other parts of the country along with Researchers, students and social workers made their representation in the Conference.
The conference was funded by UNICEF

3. Two day workshop "Disaster Preparedness and Early Warnings"
Supported by Human Welfare Organisation and Centre for Law Development, J&K October 2016

31. Code of ethics for research followed by the department. The UGC norms are followed in letter and spirit to maintain the code of conduct.

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	**Applications received**	**Selected**		**Pass percentage**	
		Male	Female	Male	Female
M .A. Social Work	21	13	8		
Semester Ist M.A				50%	100%

33. Diversity of students

Name of the Programme (refer to question no. 4)	**% of students from the same University**	**% of students from other Universities within the State**	**% of students from Universities outside the State**	**% of students from other countries**
M .A. Social Work	60%		40%	

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NIL**

35. Student progression **NA**

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	40% Other than campus recruitment
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	
from other universities within the State	20%
from universities from other States from	80%
universities outside the country	

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period- 1

38. Present details of departmental infrastructural facilities with regard to

Library	Internet Facilities for Staff and Students	Total number of class rooms	Classrooms with ICT facility	Students' laboratories	Research laboratories	No. of Books
Central Students Library	YES	02	00	NIL	NIL	175

a. Class rooms with ICT facility None

b. Students' laboratories No

c. Research laboratories No

39. List of doctoral, post-doctoral students and Research Associates

a. from the host institution/university **NIL**

b. from other institutions/universities **NIL**

40. Number of post graduate students getting financial assistance from the university. None

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Yes, the department consulted the stakeholders and academic institutions to understand the skills required for professional social workers. We also consulted the syllabi of leading institutions of social work in India.

42. Does the department obtain feedback from

a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, the department discusses about the teaching methodology including the individualised reinforcement need of students for improved learning. The feedback about evaluation is utilised after the completion of the semester and the requirement of modifying the syllabus is met through approval in Board of Studies of the department.

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Structured interviews of the students are conducted and feedbacks incorporated in the teaching-learning-evaluation process.

b) Alumni and employers on the programmes offered and how does the department utilize the feedback?

43. List the distinguished alumni of the department (maximum 10)

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. Mr. Hilal Bhat, Consultant at UNICEF delivered a session on "Scope for Social Work in J&K and Child protection: Issues and Efforts" in August, 2015
2. Fr. Shaiju Chacko, Director, D. B. Tech presented a lecture on " Skill Development" in August, 2015
3. Neha Gandotra, Save the Children J&K : Challanges and opportunities in Dev Sector.
4. Mr. Arif CSSS, J&K Topic : Social Work : Historical Development.

45. List the teaching methods adopted by the faculty for different programmes. Discussions, Presentations, Poster presentation, ICT, Participatory group discussions. **: Field Based Learning**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Regular feedback from faculty and students are taken and the teaching methodology is accordingly reviewed at regular intervals. **: Faculty Meeting**

47. Highlight the participation of students and faculty in extension activities.

1. The department participated in the flood relief initiative in collaboration with the NGOs and civil administration during the massive floods that affected the J&K state in September, 2014. The department also created awareness on the International Hand-washing day in the local urban community.

2. The students organised a Psychiatric Camp for the inmates for CARE, home for mentally challenged in Channi Rama, Jammu

3. The students of Semester 1 organised a Medical Camp in the Social Welfare Shelter Homes, R.S. pura Jammu. The inmates largely benefitted out of it.

4. A skill development Programme was organised by the students for the inmates of SOS Children's Village, Gole Gujral, Jammu

5. The students organised an Awareness Program on Sanitation for students of Model Public School, Sainik Colony, Jammu in collaboration with CHILDLINE.

48. Give details of "beyond syllabus scholarly activities" of the department. The students participate in the series of lectures/ workshop organised by the Central University of Jammu and allied agencies apart from regular classroom learning.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The faculty has contributed in generating new knowledge by way of publications in journals and edited books.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths -

1. Young and energetic faculty.
2. Faculty has multi regional background drawn from premier institutes.
3. Faculty is encouraged to participate in national and international programmes for academic enrichment,
4. The department has exposure of research and NGO initiatives.

Unnat Bharat Abhiyan

Yet another initative of the department is Unnat Bharat Abhiyan which is a joint initiative of the Central university of Jammu and State Government Machinery with guidelines and overall support from the MHRD, GOI.

Jhang panchayat has been identified for adoption under Unnat Bharat Abhiyan by the DC office, Samba

Activities undertaken

- In the first phase, a Participatory Rural Appraisal was done by the UBA cell in Jhang panchayat in which Panchayat and community members including women participated.
- Mou with CBR Network
- The following focus areas were identified for initiating UBA activities
    - improvement in agricultural
    - creation of banking facility
    - developing roads
    - provision of street lights
    - construction of bridges over canals
    - improving sanitation
    - awareness building for education
    - energy conservation etc

A collaborative meeting with the DDC Samba is pending under which the required course of action shall be chalked out.

Weaknesses

1. There is knowledge deficit in the region.
2. The social service organisations in the region are limited in number.
3. The institutional limitations due to special provisions of J&K.

Opportunities

1. Exploring the scope of collaboration in government welfare programmes and NGO's programmes.
2. Village adoption for community development has been initiated.
3. Student support system and mentoring process shall be strengthened
4. Working out the image building of the institution through knowledge dissemination.

Challenges

1. Since the subject is new in the region, the job opportunities are limited.
2. Catering to the needs of students of diverse background
3. Meeting the gap created with lack of proficiency in communication skills.
4. Contemporary area of social work needs to be promoted.
5. Publication of departmental student magazine.
6. Promotion of department as a consultancy organisation in the area of capacity building.

52. Future plans of the department.

1. Establishing a Community Development Centre in the vicinity of the University campus.
2. Capacity building of the NGO sector
3. Integrating with government departments in delivering the welfare programmes.
4. Creating awareness about the course among the stakeholders.
5. Tie-ups with external agencies and institutions for improved academic exchange.
6. Developing field laboratory for enhanced students learning.
7. Improving the library facility.

1. Name of the Department: **Center for Comparative Religions and Civilizations**

2. Year of establishment: **2016**

3. Is the Department part of a School/Faculty of the university?
Yes, School of Humanities and Social Sciences

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
NIL

5. Interdisciplinary programmes and departments involved
Interfaith Studies, Department of English

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
NIL

7. Details of programmes discontinued, if any, with reasons
NIL

8. Examination System: ~~Annual~~/Semester/~~Trimester~~/Choice Based Credit System

9. Participation of the department in the courses offered by other departments
NIL

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	NIL	**01**
Associate Professors	02	NIL	NIL
Asst. Professors	04	02	02
Others	NIL	NIL	NIL

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No.of years of experience	No. of P.h.D/M.Phil. students guided for the last 4
Ajay Kumar Singh	M.A,MMC, Achrya ,M.phil., Ph.D(pre-submitted) UGC –NET	Assistant Professor	Buddhist Studies, Religion and Philosophy, Religious Communication. Diaspora and Transnational Cultural Studies, Oriental languages and Literature (Pali , Sanskrit) Brahmi Script, Spanish Language, Chinese language	5 Years, 5 Months	Nil
Dr. Murugesan Arumugam	Ph. D, (Chris.& Saiva.) M.A. (Comp. Religion), M. A. (Vais.), M. A. (Phil.), M. A. (Hist.), UGC-NET &JRF (Comp. Rel.), UGC-NET (Philosophy), UGC – NET (Bud,Jain,Gandh. & Peace Stu.).	Assistant Professor	Comparative Religions, Christian Studies, Saiva Siddhanta, Vaishnavism, Philosophy, Cultural Studies, Peace Studies, Gandhian Studies, Folk Religions, Science & Religion, Environmental Issues.	5 Years	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - **NIL**

13. Percentage of classes taken by temporary faculty – programme-wise information - **NIL**

14. Programme-wise Student Teacher Ratio - **NIL**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
NIL

16. Research thrust areas as recognized by major funding agencies
NIL

17. Number of faculty with ongoing projects from - **NIL**

18. Inter-institutional collaborative projects and associated grants received - **NIL**

a. National collaboration b. International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - **NIL**

20. Research facility / centre with

- state recognition -----**NIL**
- national recognition -----**NIL**
- international recognition-----**NIL**

21. Special research laboratories sponsored by / created by industry or corporate bodies
NIL

22. Publications:

* Number of papers published in peer reviewed journals (national / international)

Ajay Kumar Singh (Total 15)

Abroad:

- Paper published in the **Proceeding of Buddhist Leaders Speeches at the Asian festival of Buddhist Culture,** Singh,AjayKumar Singh, **"*Buddhism and World Peace*"**, in English and Chinese Language, Hongkong, 2013.
- Paper published in the **Paper collection of Buddhist Statues and Cave Art at International Symposium**, Singh, Ajay Kumar , **"*Buddhist Caves in Maharashtra with Reference to Ajanta*"**, in English and Chinese Language , Kandy,Sri Lanka 2013.

In India:

- Paper Published in Pali-Prakrit Anushilanam Journal, Singh ,Ajay Kumar , *"Methods and Theories in the Study of Buddhist Texts and their Translations*",Lucknow 2015.(ISSN No.23493097)
- Paper Published in Nalanda Journal, Singh Ajay Kumar , *"Sukha (Happiness) in Buddhism: A Look into Positive Psychology*",Kolkata 2015.(ISSN No.23207264)
- Paper Published in Vijja Journal, Singh, Ajay Kumar , *"Buddha's idea on the State with reference to Pali Literature*",Nagpur 2015.(ISBN No.09788192629315)
- Paper Published in The Equanimist Journal, Singh, Ajay Kumar , *"Buddhist Mordanity: Pluralism and the one Dhamma*",June, 2015.(ISSN No.23957468)
- Paper Published in Buddha Shasana Journal, Singh,Ajay Kumar, "*Conflict resolution through Buddha's words with reference to Sāmgāma. Sutta of Majjhima NIkāya*", Mumbai March 2015 (ISSN No. 24547549)
- Paper Published in Critical practices Journal, Singh, Ajay Kumar , *"Liberating language through translation" A case of Buddhist tradition* ",Delhi 2014.(ISSN No.09724230)
- Paper Published in Nalanda Journal, Singh, Ajay Kumar , *"Women role in social Indian context with special reference of Buddhism*",Kolkata 2013.(ISSN No.23207264)
- Paper Published in Pali/prakrit biannual Journal, Singh, Ajay Kumar , *"Meditation practices based on Mangalsutta of Suttanipaatpali*",Lucknow 2014. .(ISSN No.23493097)
- Paper Published in A.I.O.C. Conference proceeding, Singh, Ajay Kumar, *"Contribution of South & South-East Asian Buddhist Scholars" in Spread of Buddhism "Pune*.2010
- Paper Published in I.S.B.S Journal, Singh, Ajay Kumar , *"An Analysis of Buddhist Precepts Applied to Managerial Activity*" Baudh Pragya Sindhu, Jammu, 2011.(ISBN No.9788183152099).
- Paper Published in Dhamma Sandesh Journal, Singh, Ajay Kumar , *"baudha Dharma me Kamala Pushpa ka Mahatva*" April,2012 .(ISSN No.22783407).
- Paper Published in Dhamma Sandesh Journal, Singh, Ajay Kumar , *"Buddha Ambedakari Vchardhara se Roma(gypsi) Samudaya ka Utthan* " Jan,2012 .(ISSN No.22783407).
- Paper Published in Yuga Shilpi Journal, Singh, Ajay Kumar, *"Paticcasamutpada:Theory of Dependent Origination* " Jan,2012 .(ISSN No.22783407).

Ref. to Annexure L

Dr. Murugesan Arumugam

Published Research Papers

- Murugesan A., *The Revolutionary Ideology of C.N. Annadurai on Religion,*C.N. Annadurai an

Architect of Tamil Nadu Politics, Anna Memorial Chair, Annamalai University, Chidambaram.2012,pp.16-22, ISBN:978-81-920484-1-32.

- Murugesan A., *An Importance of Spiritual Education in Promoting the Moral Development of Learners: Special Reference to Triratnas of Mahavir,* Higher Education in India: Opportunities and Challenges, UGC – Academic Staff College, Madurai Kamaraj University, Madurai.November 2013,pp.57-62, ISSN: 978-81-928648-0-8.

- Murugesan, A., *The Perspective of Environmental Protection in Jainism: Special Reference to the Concept of Parasparograho of Jivanam*, Global Journal of Multidisciplinary Studies, Vol.3, Issue 10, September 2014, pp. 25-45, ISSN 2348-0459.

- Murugesan A., *The Spiritual Splendor of People of Tamil: Special Reference to the Concept of God in Saiva Siddhanta*, Global Journal of Multidisciplinary Studies, Vol.3, Issue 12, November 2014, pp. 98 - 104, ISSN 2348-0459.

- Murugesan A., *The Individual Freedom and Ethics in Saiva Siddhanta,*Global Journal of Multidisciplinary Studies, Vol.3, Issue 12, January 2015, pp. 151-159, ISSN 2348-0459.

- Murugesan A., *The Concept of Soul and Bondage in Saiva Siddhanta,*Global Journal of Multidisciplinary Studies, Vol.3, Issue 12, May 2015,pp. 235 – 246, ISSN 2348-0459.

- Murugesan A., *Jiva Karunya of Saint Ramlinga Adigalar and It's Religious and Social Impacts,*Global Journal of Multidisciplinary Studies, Vol.3, Issue 12, September 2015,pp. 40 - 44, ISSN 2348-0459.

Ref. to Annexure L
Edited Books
Ajay Kumar Singh

- "*JATAKAPALI Vol.I*" Published Under Rashtriya Sanskrit Sansthan (Deemed University Under MHRD,Govt. of India) Publication Division.(ISBN No.9789382091677).

- "*Pali Bhasa aur Vyakaran ke vividh aayam*" Published Under Rashtriya Sanskrit Sansthan (Deemed University Under MHRD,Govt. of India) Publication Division.(ISBN No.9789382091882)

23. Details of patents and income generated -----**NIL**

24. Areas of consultancy and income generated -----**NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad—NIL

26. Faculty serving in

a) National committees
b) International committees

c) Editorial Boards-

Ajay Kumar Singh

- Editorial member of "The Equanimist Journal"; ISSN: 23957468.
- Editorial member of "Pali-Prakrit Anushilanam Journal"; ISSN:23493097

Dr. Murugesan Arumugam

- Member, Editorial Board, Global Journal of Multidisciplinary Studies ISSN: 2348 - 0459
- Member, Academy of Religion and Peace, Chennai, Tamil Nadu.
- Member, Campus Update Central University, Jammu

d) any other (please specify)

6. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Ajay Kumar Singh

Paper presentation in Seminar /Conference

Abroad:

- Presented a paper entitled "Buddhist Caves in Maharashtra with Reference to Ajanta " in International conference on Buddhist Art & Architecture September 25-27,2013 organized by Tooth Relic Temple at SIBA, Kandy, Sri Lanka.
- Presented a paper entitled "Meditation Practices Based On Mangalasutta of Suttanipatapali" in International conference on Meditation & Zen Practices ,June 16-18,2013 organized by World Alliance for the Buddhist Culture Exchange at Kaloonbay Exhibition center, Hong Kong.

In India:

1. *International Seminar/Conference*

- Presented a paper entitled "Vartman Sandarbh me Kashmir Shaiva Darshan ki Upadeyata" September13-14, 2016 jointly organized by Bhartiya Vidya Bhawan's Seth A.R. College of Arts and Commerce ,Ahmedabad , Gujrat Sahitya Academy & Gujrat Sangeet Natak Academy..
- Presented a paper entitled "Role of Traditions and Translations of Dhammapada in acceptability of Buddhism in Europe" March 3-4, 2016 organized by Department of Pali, University of Calcutta, Kolkata.
- Presented a paper entitled "Buddha's idea on the State with reference to Pali Literature" Dec 11, 2015 organized by PWS College of Arts and Commerce, Nagpur.
- Presented a paper entitled "Environmental protection through Buddhist virtuous practices" Oct 24-26, 2015 organized by Ministry of Culture, Madhya Pradesh Government at Indore.
- Presented a paper entitled "Pali and Buddhist Studies in Germany" Jan 13-14, 2015 organized by department of Pali,University of Culcutta, Kolkata.
- Presented a paper entitled "Conflict Resolution Through Buddha's Words with Reference to Sāmgāma Sutta of Majjhima NIkāya" Jan 10, 2015 organized by Palipath Sansthan,Mumbai.
- Presented a paper entitled "Historical and Cultural Development of Jain Manuscript Paintings" Dec 18- 20, 2015 jointly organized by Syadvad Mahavidyalaya & Shrut Samvardh at Delhi .
- Presented a paper entitled "Science and Buddhism" Dec 5-7, 2013 organized by DRDO,Delhi.

- Presented a paper entitled "Buddhist Attitude Towards Peace with reference to Suttapitakapali" Sep21, 2013 jointly organized by GPHF and JNU, Delhi.
- Presented a paper entitled "Bhartiya Vangmay ki Anuvad Parampara Aur Usaka Mahatva:Baudh
- Sahitya ke Visesh Sambandh Me" in 7th Biannual International conference 5-7 Dec, 2012 organized by K.J. Somaiya Institute , Mumbai.
- Presented a Paper entitled "Buddhist Perspective of Good Governance " on Dharma-Dhamma International conference ,Sep 21-23,2012, jointly organized by Mahabodhi Society of Sri Lanka & Ministry of culture at Madhya Pradesh vidhan sabha, Bhopal.
- Presented a Paper entitled "Panchasila ke Prayog Se Vishwasanti Sambhav"on Introspection of Buddhism ,Sep 7-9,2012,Organised by School of Buddhist studies & Civilization, G.B.U, Noida.
- Presented a Paper entitled "Literature of Indian Diaspora" on 7th International Writers Festival ,Nov 27-28,2011,Organised by Department of Diaspora Studies, M.G.A.H.V.,Wardha.

2. ***National Semiar/Conference***

- Presented a paper entitled "Shakuntal aur Jatakpali me varnit paryavaran sanrakshan ke tatva" Feb 13-14, 2016 organized by Kalidas Academy of Sanskrit Music & fine Arts at Bharti College ,University of Delhi, Delhi.
- Presented a paper entitled "Integrated development through Socially Engaged Buddhism" March 25-27, 2015 organized by Sanchi university of Buddhist Indic Studies at Sanchi.
- Presented a paper entitled ""Social Harmony Through Jain Teachings Depicted in Prakrit Literature" Feb 26, 2015 organized by department of Prakrit,SLBS Sanskrit Vidyapeeth, Delhi.
- Presented a paper entitled "Method and Theory in the study of Buddhist Texts and Their Translations. "Feb 22, 2015 organized by DRC,SOTST,IGNOU, Delhi.
- Presented a paper entitled "Translation as the Means of Liberating Language: A Case of Buddhist Categories "July 24, 2014 organized by DRC,SOTST,IGNOU, Delhi.
- Presented a paper entitled "Conflict Recovery Through Buddhist Wisdom""July 21-21, 2014 organized by department of Archeology & Culture, University of Rajsthan,Jaipur.
- Presented a paper entitled "Poetic Beauty of Suttapitakpali with Special Reference to Khuddakanikayapali" March 22-23, 2014 jointly organized by IGNCA and JNU, Delhi.
- Presented a paper entitled "Importance and Challenges of Sanskrit Chyayanuvad with Special Reference to Jatakapali " March 08-10, 2014 organized by Rashtriya Sanskrit Sansthan, Delhi .
- Presented a paper entitled "Stri vimarsh me Therigatha ka sthan evam upayogita" March 8-9, 2014 jointly organized by Department of Hindi & Department of Pali and Buddhist Studies, BHU,Varanasi .
- Participate in National Seminar on " Diversity and Dialogue: Translation among Indian Languages" Feb 18, 2014 Jointly organized by National Book Trust & SOTST,IGNOU at Delhi.
- Presented a paper entitled "Reception of Buddhism Through Translation of Early Buddhist Literature with Reference to Europe" Aug 9-11, 2013 jointly organized by ISBS and Rashtriya Sanskrit Sansthan, Agartala.
- Presented a paper entitled "Nationalism in Context of Indian Diaspora" Aug 7-8, 2013 organized by Mythic Society,Bangaluru.
- Presented a paper entitled "Philosophical Contemplations Depicted in Dravya Samgrah" July 19-21, 2013 organized by Rashtriya Sanskrit Sansthan, Jaipur.
- Presented a paper entitled "Wisdom in Jataka Tales and Their Relevance to Modern Society" March 20-22, 2013 organized by Rashtriya Sanskrit Sansthan, lucknow.
- Presented a paper entitled "Importance of Sanskrit Distance Education in the Global Context: With

- Special Reference to the Indian Diaspora" Jan 02-04, 2013 organized by Rashtriya Sanskrit Sansthan, New Delhi.
- Presented a paper entitled "Literary Aspects of Jagannātha's Āsaphavilāsa" on Paṇḍitarāja Jagannātha silver jubilee festival ,Oct 29,2012 organized by Devvani parishad at Rashtriya Sanskrit Sansthan, New Delhi.
- Presented a paper entitled "Jainism and Buddhism in interaction what does "niganṭho Cātu-yāma-saṃvara-saṃvuto hoti"mean?" on Contribution of Prakrit language and literature to Indian tradition, Nationorganized by Rashtriya Sanskrit Sansthan (deemed university), at L.B.S, New Delhi.
- Presented a Paper entitled "Role of Translation in Conservation of Buddhist Sanskrit Literature" in National Seminar, Feb 18-19, 2011, Organized by Nagarjuna Buddhist Foundation, Gorakhpur.
- Presented a Paper entitled "The Memories of Chinese Buddhist Scholars in Connection with Nalanda Monastic International University." in National Conference, on Heritage of Nalanda Feb 11-13, 2011, Organized by Nav Nalanda Mahavihar, Nalanda.
- Presented a Paper entitled "Contribution of Buddhist Scholars in Sanskrit Literature." in National Conference, Jan 23-25, 2011, Organized by Department of Pali and Thervada, S.S.V.,Varanasi.
- Presented a Paper entitled "An Analysis of Buddhist Percepts Applied to Managerial Activity." in National Conference, Sep 16-18, 2010, Organized by Indian Society For Buddhist Studies, Ahemdabad.
- Presented a Paper entitled "Contribution of South & South-East Asian Buddhist Scholars in Spread of Buddhism" in 45th All India Oriental Conference, held at Rashtriya Sanskrit vidyapeetha, Tirupati during 2nd to 4th June, 2010.
- Presented a Paper entitled "Comparative Study of Jatak Pali and Jatakmala" in National Conference, March 27-28, 2010, Organized by Rashtriya Sanskrit Sansthan,Lucknow.
- Participated in various other National and International Seminar, Conference and lectures as a active participant i.e. World Sanskrit Conference, Buddha Jayanti Lecture Series, Current Issues related Debate Programmes etc

Participation In National Workshop:

- Participated in National Workshop, held on Sep 08–14. 2015 at R.Sk..S, Delhi on "Editing and Evaluation of Sanskrit Chaya of Pali-Prakrit-Sanskrit".
- Participated in National Workshop, held on 04th –5th June 2015 at IGNOU, Delhi jointly organized by BHASHA, Baroda and SOTST, IGNOU on "Translation of upcoming volumes of People Linguistic Survey of India".
- Participated in National Workshop, held on 21st Jan–22nd Jan 2015 at SOTST, IGNOU ,Delhi on "Research Methodology".
- Participated in National Workshop, held on 12th Feb–21st Feb 2014 at R.Sk..S, Delhi on "Sanskrit Chaya of Pali-Prakrit-Sanskrit".
- Participated in National Workshop, held on 06th Jan–23rd Jan 2014 at IIIT, Hyderabad on "Word Sense Disambiguation".
- Participated in National Workshop, held on 11th July–25st July 2013 at R.Sk..S, Delhi on "Importance of Vedic Science and Srimad Bhagawat Gita".
- Participated in National Workshop, held on 14th May–21st May 2012 at R.Sk..S, Delhi on Sanskrit Chaya of Pali-Prakrit-Sanskrit.

- Participated in National Workshop, held on 14th – 20th October, 2011 at Centre for Media Studies, M.G.A.H.V, Wardha on Research Methodology and Computer Applications.
- Participated in National Workshop, held on 23rd –27th March, 2011 at B.L.I, Delhi on Manuscript Conservation.
- Participated in National Workshop, held on 11th Nov–15th Nov 2011 at R.Sk.S, Lucknow on Sanskrit Chaya of Pali-Prakrit-Sanskrit Chaya.
- Participated in National Workshop, held on 12th – 16th , March, 2011at R.Sk.S ,Lucknow on Inter-relation of Pali-Prakrit-Sanskrit Language.

Dr. Murugesan Arumugam

Presented Research Papers

International Conferences

- A Research Paper on *The Mental Health of Child and Adolescent: A Religious and Ethical Approach* presented in the UGC Sponsored International Conference on Child and Adolescent Mental Health at the Department of Social work, Bharathidasan University, Tiruchirappalli on 18th & 19th January 2013.

- A Research Paper on *Stages of Growth and Development of Adolescent in Relation to Learning: A Psychological Approach* presented in the International Conference on Innovative Pedagogy in Higher Education for Millennial Teachers at the Dep. of Education,University of Madras,Chepauk, Chennai on*15th & 16th March 2013.*

- A Research Paper on *The Spiritual Education as a Positive Technique of Disciplining Students: An Ethical Approach* presented in the School of Social Sciences of Tamil Nadu Open University Sponsored International Conference on Current Perspectives in Educational Psychology at the Department of Psychology,Women's Christian College, Chennai on 28 & 29th November 2013.

National Conferences

- A Research Paper on *The Jain Concept of Jiva Daya in the Light of Terrorism, and Ecological Issues with the Special Reference to Global Warming* presented in the National Seminar on Social Consciousness and Jainism at the Department of Jainism, University of Madras, Chepauk, Chennai on 26th February 2010.

- A Research Paper on *The Revolutionary Ideology of C.N. Annadurai on Religion* presented in the National Seminar on Personality and Leadership of C.N. Annadurai: An Architect of Tamil NaduAnna Memorial Chair at the Dep. of Political Science and Public Administration, Annamalai University, Chidambaramon12&13th October 2012.

- A Research Paper on *Jiva Karunya of Saint Ramalinga Adigalar and its Religious and Social Impacts in Tamil Nadu* presented in the Nineteenth Annual Session of Tamilnadu History Congress at the Department of History, Annamalai University,Chidambaram on 14th & 15th October 2012.

- A Research Paper on *Environmental Protection in the Concept of Parasparograho Jivanam of Jainism* presented in the UGC Sponsored National Seminar on Climate Change – A Challenge to Sustainable

Development NSCCSD - 2012 at the D*epartment of Zoology, K. B.N. College, Vijayawada on 29th & 30th November 2012.*

- A Research Paper on *Individual and Social Values in Saiva Siddhanta: An Ethical Approach* presented in the Regional Seminar on Individual and Social Values in Saiva Siddhanta at the Department of Saiva Siddhanta, University of Madras, Chepauk, Chennai on18th March 2013.

- A Research Paper on *A Study of Saiva Siddhanta and its Literature during the Period of Bhakti in Tamil Nadu* presented in the 20th Annual Session of Tamil Nadu History Congress at the Department of History, St. Mary's College, Tuticorin on *19th &20th September, 2013.*

- A Research Paper on *The Role of Jainism in Creating Awareness about Environmental Protection: A Religious and Ethical Perspective* presented in the UGC – SAP Sponsored National Conference on Environmental Issues and Challenges – Vision 2020 at the Department of Zoology, Annamalai University, Chidambaram on *27 & 28th September 2013.*

- A Research Paper on *An Importance of Spiritual Education in Promoting the Moral Development of Learners with the Special Reference to Triratnas of Mahavir* presented in the Indian Council of Social Science Research Sponsored National Conference on Higher Education in India: Opportunities and Challenges at UGC – Academic Staff College, Madurai Kamaraj University, Madurai on *15 &16th November 2013.*

Invited Lectures

- Lectured on *Religion and Peace* at the Department of Defence and Strategic Studies, University of Madras, Chepauk, Chennai on 04. 03. 2015.
- Lectured on *Fundamentalism and Its Consequences* at the Department of Defence and Strategic Studies, University of Madras, Chepauk, Chennai on 10. 03. 2015.
- Lectured on *Peace and Conflicts in the Indian Religious Traditions* at the Department of Defence and Strategic Studies, University of Madras, Chepauk, Chennai, on 18. 01. 2016.
- Lectured on *Importance of Spirituality in Building Peace* at the Department of Defence and Strategic Studies, University of Madras, Chepauk, Chennai on 20. 01. 2016.

Extension Lecture

- Lectured on *Introduction to Religious Studies with Special Emphasize on Christian Studies in relation to English Literature* at the Auditorium of Temporary Academic Building, Central University of Jammu for the Research Scholars and Students of the Department of English and Comparative Literature on 17th August 2016.

Subject Expert

- Invited as Subject Expert for the M. Phil. Synopsis Presentation entitled as *Islamic Radicalization in Kerala: A Study of Contemporary Trends and Challenges*at the Department of National Security Studies, Central University of Jammu on 24th August 2016.

Participation in the UGC Refresher Course and Workshops

- Participated in the UGC Sponsored Interaction Programme for Ph. D. Research Scholars, at UGC – Academic Staff College, University of Madras, Chepauk, Chennai, from 10.02.2009 to 02.03.2009.
- Participated in the National Seminar on Subaltern Hermeneutics and Social Transformation at the Department of Christian Studies, University of Madras, Chepauk, Chennai, on 19 & 20th September 2006.
- Participated in the Work Shop on Research Methodology in Arts and Humanities at the Department of Christian Studies, University of Madras, Chepauk, Chennai, on 03 & 04th January 2008

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects ----- **NIL**

- Percentage of students doing projects in collaboration with other universities / industry / institute ----- **NIL**

29. Awards / recognitions received at the national and international level by

Ajay Kumar Singh

- Gold Medal in M.Phil. (Migration,Diaspora,Transnationalism & Cultural studies) at M.G.A.H.V. , Wardha.
- Awarded with USD 1000 for Best Research Paper jointly by Tooth relic temple, Kandy Sri Lanka and World Cultural Alliance, China.

Dr. Murugesan Arumugam

- Received the **First Rang Holder Award(Distinction) from the Governor of Tamil Nadu** for M.A. in Comparative Religion and Philosophy with the Specialization in Christian Studies in the 149th Convocation at University of Madras, Chennaiin 2006.

30. Seminars/ Conferences/Workshops organized and the source of funding (national international) with details of outstanding participants, if any. -----**NIL**

31. Code of ethics for research followed by the departments -----**NA**

32. Student profile programme-wise: **Nil**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
NIL	NIL	NIL	NIL	NIL	NIL

33. Diversity of students : **Nil**

Name of the Programme	% of students from same university	% of students from other universities within the State	% of students from universities outside the State	% of students from outside other countries
NIL	NIL	NIL	NIL	NIL

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **NA**

35. Student Progression

Student Progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • **Campus selection** • **Other than campus recruitment**	Nil Nil
Entrepreneurs	Nil

36. Diversity of Staff

Percentage of faculty who are graduates of:	
from other universities within the State	0 %
From universities from other States	100%
From universities outside the country	0%

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
NIL

38. Present details of departmental infrastructural facilities with regard to

Library	NIL
Internet facilities for staff and students	NIL
Total number of class rooms	NIL
Class rooms with ICT facility	NIL
Students' laboratories	NIL
Research laboratories	NIL

39. List of doctoral, post-doctoral students and Research Associates

From the host institution/university	Nil
From other institutions/universities	Nil

40. Number of post graduate students getting financial assistance from the university.
NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
NIL

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching - learning-evaluation? If yes, how does the department utilize the feedback?	NA
Students on staff, curriculum and teaching - learning-evaluation and how does the department utilize the feedback?	NA
Alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Nil

45. List the teaching methods adopted by the faculty for different programmes.
- **Using Proejctors**
- **Using Smart Boards**
- **Seminars & Presentations**
- **Power point Presentations,**
- **Group Discussions/Brainstorming Sessions**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Feedback through interaction

47. Highlight the participation of students and faculty in extension activities.
NIL

48. Give details of "beyond syllabus scholarly activities" of the department.
NIL

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
NIL

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
NIL

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths:

Qualified Young and energetic faculty; Excellent research base.

Weakness:

Infrastructure is not upto the mark; Limited Equipments/resources.

Opportunities:

Student support system and mentoring process can be further strengthened, ample amount of opportunity for placing students in reputed Companies, Creating strong industrial academia interface.

Challenges:

Placements in reputed Companies; Use of Open source technology to the fullest (Cost effective matter);

52. Future plans of the department.

- **The center has plan to offer Master Degree in Comparative Religions and Civilizations along with Diploma and Certificate courses from time to time in the same discipline.**
- **The center has decided to offer Inter Disciplinary Courses in future.**
- **The Center also has planned to offer Doctoral program in the major and inter disciplinary areas.**

EVALUATIVE REPORT OF DEPARTMENT

NATIONAL SECURITY STUDIES

1. Name of the Department**: Department of National Security Studies**

2. Year of establishment**: 2013.**

3. Is the Department part of a School/Faculty of the university? Yes, the department is part of School of National Security Studies.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):

S.No.	Programme	Duration	Nature	Intake
1	PG, MA in National Security Studies	04 Semesters	Fulltime	30
2	M.Phil & Ph.D Integrated	03 Years 06 Months Minimum	Full-Time	05 Per Year
3	Ph.D (PT)(till 2014-15)	03 Years	Part-Time	03 Per Year
4	Ph.D (FT)	03 Years	Full-Time	04 Per Year

5. Interdisciplinary programmes and departments involved.

S.No.	Programme	Semester	Department
1	Introduction to International Relations and Security	1st	MBA-TTM
2	Environmental Security	2nd	Environmental Sciences, English, Public Policy and Public Administration
3	Intelligence Agency and Indian National Security	3rd	MBA-TTM
4	India and Indian Ocean Region	4th	Computer Sciences
5	Cyber Security threat to Nation State	5th	Environmental Sciences
6	India's National Security : Issues and Concerns	4th	Social Work, English, MBA-HRM
7	India's National Security : Issues and Concerns	3rd	English, Public Policy and Public Administration, Environmental Sciences

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- Memorandum of Understanding (MoU) for Research
- University of Melbourne, Australia
- Lanzhou University, China (Under Review)
- Institute of Chinese Studies (ICS), New Delhi
- Ladakh International Centre, Leh

- Christ University, Bangalore (Under Review)
- Collaboration with other universities, industries, foreign institutions
- International organisations such as Stifung Wissenschaft und Politik, Konrad Adenauer Stiftung, Conciliation Resources a London based research organisation, U.K.
- Think-tanks such as IDSA, CAPS, CLAWS, IPCS, NIAS, DPG, IIPA (J&K Branch)
- Universities such as Christ University, Jawaharlal Nehru University, Jammu University, University of Madras, Punjab University, Allahabad University, Central University of Rajasthan, Pondicherry Central University.
- Defence and Police establishment such as 14, 15, 16 Corps of Indian Army, 26 Tiger Division, Udhampur Police Academy, Border Security Force.

7. Details of programmes discontinued, if any, with reasons. **Nil.**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

S.No.	Programme	Mode
1	M.A	Semester
2	M.Phil & Ph.D Integrated	Semester
3	Ph.D (Part-Time) (Till 2014-15)	-
4	Ph. D. Ful-Time	-

9. Participation of the department in the courses offered by other departments.

S.No.	Programme	Semester	Department
1	Introduction to Ecology	IIIrd	Environmental Sciences
2	English for Specific Purpose	IIIrd	English
3	Online Communication	IIIrd	Mass Communication and New Media
4	Gender Equality	IIIrd	Economics

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	One	01 (Contract)	01
Associate Professors	Two	None	None
Asst. Professors	Four	Four	04

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./ M.Phil. Students guided
Dr. Mallika Joseph	M.A., Ph.D.	Professor and Head	International Relations and Security, Security Sector Reforms, Conflict Analysis, Human Security, Non-Traditional Security Threats, Left Wing Extrmism	19 years	1 M.Phil
Dr. J. Jegannathan	M.A., M.Phil., Ph.D UGC-NET-JRF/SRF	Assistant Professor	International Relations and Security, European Union (EU) and NATO, Nuclear Diplomacy and Global Non-proliferation Regimes.	5 years 4 months	3 M.Phil/ 4 Ph.D (Part Time)
Dr. Neeta Rani	M.A., Ph.D UGC-NET-JRF/SRF	Assistant Professor	Central Asia Security Issues, Indian Military History, South Asian Security Affairs	3 years 2 months	3 M.Phil
Dr. R. Sudhakar	M.A., M.Phil., Ph.D UGC-NET-JRF/SRF	Assistant Professor	Comprehensive Security, Maritime Security Issues In IOR, Environmental Security, Terrorism and Internal Security.	2 Years 9 Months	3 M.Phil
Shri. T. K. Singh	M.A., UGC-NET	Assistant Professor	Cyber Security, Intelligence and National Security, Terrorism and Internal Security of India, Crimes and Illegal Trafficking Networks.	2 years 8 Months	----

12. List of senior Visiting Fellows, adjunct faculty, emeritus professor. **Nil**

13. Percentage of classes taken by temporary faculty – programme-wise information. **NA**

14. Programme-wise Student Teacher Ratio.

Programme	Student – teacher ratio
M.A.,	7:1
Integrated M.Phil/Ph.D	2:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Staff	Sanctioned	Filled	Actual
Academic Support Staff	0	0	0
Administrative Staff	1	0	0

16. Research thrust areas as recognized by major funding agencies.

- China and New Silk Road
- Pakistan Studies
- Border Security Management.
- Trans Boundary Water Security and Conflict Management.
- Cyber Security and Information Warfare
- Energy Security
- Non-Traditional Security Threats
- Internal Security and Counter Terrorism
- Cross LoC Trade
- Conflict Analysis

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Name of the Project Investigator and Co-Investigator	*Title of Research project*	*Funding Agency*	*Tenure of the Project*	*Major Research Project/Minor Research Project*	*Status* *Ongoing*
Prof. Mallika Joseph	Emerging Trends in Non-Traditional Security: Threats and Responses	Konrad Adenauer Stiftung	06 Months	Minor Research Project	Ongoing
Dr. J.Jeganaathan	Cross LoC Trade CBMs: The Case of Ladakh Region	Conciliation Resources	06 Months	Minor Research Project	Completed
Dr. J.Jeganaathan	Implications of China's 'One Belt, One Road' (OBOR) project for India's National Security: A 'Sub Regional' Perspective (Jammu & Kashmir)	UGC	12 Months	Minor Research Project	Proposal Submitted ongoing

18. Inter-institutional collaborative projects and associated grants received.

a) National collaboration

Dr. J. Jeganaathan

- Programme Co-ordinator of National Service Scheme (NSS) unit of the Central University of Jammu
- Associate Member, Institute of Defence and Strategic Studies (IDSA), New Delhi.

b) International collaboration

Dr. J. Jeganaathan

- Country Research Coordinator (CRC for India since 2013) in International Collaborative Research Project titled "Varieties of Democracy (V-DEM) by University of Gothenburg, Sweden and Kellogg Institute, US supported by European Union.
- Member of Afghan Policy Group-India since 2013 (A Track-II initiative of Peace and Security in Asia Programme, Friedrich Ebert Stifftung (FES) workd on Heart of Asia Project.
  Member of Think-Tank delegation from India to China-2016
  Visiting fellow, FDDI, University of Shanghai, China

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**

20. Research facility / centre with. **Nil**

a. state recognition
b. national recognition
c. international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies. **Nil**

22. Publications:

∗ Number of papers published in peer reviewed journals (national / international)

Title	Journal/Book Name	Page No., Vol. No.	Year of Publication	Author (s) Name	ISBN/ISSN No.
India-Srilanka relations in the New Era: Old Challenges, New Vistas	Indian Foreign Affairs Journal	Vol-1, No.1	January-March 2015	Dr. J. Jegannathan	ISSN-0973-3248
Implications of Central Asian Security on India's Security Scenario	Indian Journal of Strategic Studies	Vol-XXXI-XXXII	2014	Dr. Neeta Rani	ISSN-0973-9386
Resource Conflict: A Case Study of Cauvery Water Issue	The Unrecognised Peril: Threats to Environmental Security	236-249	2014	Dr. R. Sudhakar	ISBN-978-93-82652-38-0

Another 'Terror Boat'? Challenges to India's Security	Journal on Counter Terrorist Trends and Analyses	Volume -7, Issue 5	June 2015	Mr. T.K. Singh	ISSN-2382-6444
"Resurrection Menace of NSCN (K) after Ceasefire Abrogation" (Book Chapter)	North East India Past and Present: Ethno-History of Tribes and Other Communities	-	March 2016	Mr. T.K. Singh	ISBN 9789381563731
"India's Cyber Security System: Threat and Challenges"	Perspective of India's Security Challenges and Internal Dimensions	-	August 2016	Mr. T.K. Singh	ISBN 978818274

23. Details of patents and income generated. **Nil.**

24. Areas of consultancy and income generated.

- The Faculty of the Department regularly consults at the following institutions/agencies to brief them on current trends in national and international security.

1) Indian Army, Northern Command, Udhampur
2) Sher-e-Kashmir Police Academy, Udhampur
3) Indian Institute of Mass Communication, Jammu

- Prof. Mallika Joseph

1) Consults internationally on Security Sector Reform(SSR)

25. Faculty selected nationally / internationally to visit other laboratories / institutions/industries in India and abroad.

Prof. Mallika Joseph:

- Invited by Centre for South Asian Studies, Kathmandu and Konrad Adenauer Stiftung, Singapore for Regional Workshop on Energy Security and Climate Change in South and South East Asia on 3-4 July 2016.
- Invited by Folke Bernadotte Academy, Swedish Agency for Peace Security and Development for Annual Security Sector Reform Workshop, Stockholm on 10-11 November 2016.

Dr. Jegannathan:

- Awarded one month visiting fellowship by Fudan University, Shanghai to Research on One Belt One Road from November-December-2016.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify) Editorial board:

Prof. Mallika Joseph:
Editorial Boards

1) Member, Advisory Board - The Book Review Literary Trust, New Delhi.

International committees

2) Chair, Human Security Working Group, Global Partnership for the Prevention of Armed Conflict (GPPAC), The Hague, Netherlands.
3) Member, GPPAC, Global Reference Group on Security Sector Reform.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Dr. J. Jegannathan – Completed Orientation from ASC, JNU.
- Dr. R. Sudhakar – Completed Orientation Course from ASC, University of Madras.
- Mr. T.K. Singh – Completed Orientation Course from ASC, Manipur University.
- Dr. Neeta Rani- Completed Orientation Course from ASC, Jammu University.

Title	Year
First seminar was organised in collaboration with Indian Institute of Public Administration (IIPA), J&K Branch titled "Terror and Tresspasses in India's Northern Borders: Deciphering Grand Strategies of China and Pakistan", 26 November 2013	2013
Second seminar was organised on the topic " Peace and Security in South Asia, 16-17 July 2014	2014
Third seminar was organised in collaboration with IIPA, J&K Branch titled "Floods in 2014: Lessons for Disaster management in J&K, 2-3 February 2015	2015

28. Student projects
a. percentage of students who have done in-house projects including inter-departmental projects.
b. percentage of students doing projects in collaboration with other universities /industry / institute.
Nil.

29. Awards / recognitions received at the national and international level by: **Nil.**
a. Faculty
b. Doctoral / post doctoral fellows
c. Students

30. Seminars/ Conferences/Workshops organized and the source of funding (National/ International) with details of outstanding participants, if any.

Title	Year
First seminar was organised in collaboration with IIPA, J&K Branch titled "**Terror and Trespasses in India's Northern Borders: Deciphering Grand Strategies of China and Pakistan"**, 26 November 2013.	2013
Second seminar was organised on the topic **"Peace and Security in South Asia,** 16-17 July, 2014.	2014
Third seminar was organised in collaboration with IIPA, J&K Branch titled **"Floods in 2014: Lessons for Disaster Management in J&K,** 2-3, February 2015.	2015
Consultative Meeting on **"Cross LoC Trade CBMs: The Case of Ladakh Region"**, with stakeholders from Leh, 20-22 August 2016.	2016
National conference was organised in collaboration with Christ University, Bangalore **"Emerging Trends in Non -Traditional Security: Threats and Responses,** 2-3, September 2016.	2016
Consultative Meeting on **"Cross LoC Trade CBMs: The Case of Ladakh Region"**, with stakeholders from Kargil, 23-26 September 2016.	2016

31. Code of ethics for research followed by the departments. NA

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A., 2015-17	84	08	03		
M.A., 2016-18	400	12	04		
Integrated M.Phil/Ph.D	13	03	03		
Part Time (Ph.D)	17	03	Nil		
Ph.D. (Full Time)	120	-	-		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of Students from the Same University	% of students from other Universities within the State	% of students From Universities outside the State	% of Students From Other Countries
M.A.,	0%	72.7%	27.27	0
Integrated M.Phil/Ph.D	0%	70%	30%	0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

1. Jaffar Iqbal - J&K SSB
2. Dhruv Shukla - UGC NET
3. Jaikaran Singh - J&K SSB
4. Sashikant Yadav- UPSC Preliminary
5. Rubina Akhter- J&K SSB
6. Chanderashekar- J&K SSB
7. Ranjan Sharma- UPSC Preliminary

35. Student progression. NA.

Student progression	Percentage against enrolled
UG to PG	NA
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
Employed • Campus selection • Other than campus recruitment	
Entrepreneurs	

Percentage of faculty who are graduates	
of the same university	**NIL**
from other universities within the State	**NIL**
from universities from other States from	**100%**
universities outside the country	**NIL**

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period. One Ph.D., (Dr. Neeta Rani)

38. Present details of departmental infrastructural facilities with regard to

- Library: Books are available in Central Library for the students. There are separate book shelves equipped with more than 1000 books for NSS Department and reading room facilities are available in the library. Subscription to online journals like National and International including Internatinoal Security, Centre for Land Warfare Studies (CLAWS) journal, Air power journal and Indian Defence Review.

- Internet facilities for staff and students: The whole campus is wi-fi, so good internet facilities are available for staff and students.

- Total number of class room.Two classroom for P.G and One for Integrated M.Phil-Ph.D.

- Class rooms with ICT facility. Under construction. Smart classrooms are also planned to be constructed.• Students' laboratories. NA

- Research laboratories. NA.

39. List of doctoral, post-doctoral students and Research Associates:

a) from the host institution/university.

- Ranjan Sharma
- Manish Ranjan
- Sandeepa Kotwal
- Renu Bala
- Mumtaz Ahmed
- Shashikant Yadav
- Ganesh Hariprakash

b) from other institutions/universities.

40. Number of post graduate students getting financial assistance from the university. Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. **None.**

42. Does the department obtain feedback from

Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Faculty members are part of the curriculum designing, however, when they teach the same curriculum, they get to understand some of the strengths and weaknesses of it. Same is the case with evaluation. So on the basis of their experiences the curriculum and the teaching-learning-evaluation process is improved.

Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- The department has a close group of students and faculty members, so students are open with the faculty on each and every issue. They convey their feedback about staff, curriculum and teaching-learning-evaluation very informally on which prompt actions are taken by the department.
- The Department has a designated Faculty Student Co-ordinator to increase the interface between the students and the faculty, thereby providing a mechanism for constant and candid student feedback be it on academic issues of related co-curricular activities.

Alumni and employers on the programmes offered and how does the department utilize the feedback?

- As soon as the department gets its first batch of alumni, it is planned to make an alumni association of the department and get the feedback of the alumni on the courses and the requirements of the field from their employers.

43. List the distinguished alumni of the department (maximum 10): NA

44. Give details of student enrichment programmes (special lectures / workshops seminar) involving external experts.

Panel Discussions

• ***LoC in Crisis : The Way Forward?***, 11 November 2014

• ***"Shauryanjali" : Commemorating 1965 War,*** 23 September 2015

• ***Revisiting 26/11 in Present Context,*** 26 November 2015-11-25

• **Kargil Vijay Divas in collaboration with 26 Tiger Division, Indian Army, 9 August 2016.**

- "Social Media, Internet Politics and State-Society Relation in China", by Dr. Chen Jinying, Associate Professor, Shanghai International University on 13 October 2016.
- "Politics of development and Politics of Identity: Comparison of Economic Development between China and India", by Dr. Chen Jinying, Associate Professor, Shanghai International University on 13 October 2016.
- "India's Maritime Security: Issues and Concerns", by Prof. Utham Kumar Jamadhagni, Head,

Department of Defence and Strategic Studies, University of Madras on 21 October 2016.

Eminent Lectures Series :

- Lt. Gen (Retd.) Prakash Menon, Military Advisor to Prime Minister Office (PMO), ***"Challenges of Cyber Security Threat to India : Way Ahead,"*** 28 April, 2014
- **Dr. Habil, Christian Wagner,** Senior Fellow at German Institute for International and Security Affairs (SWP), Berlin, ***"War & Peace in South Asia",*** 26 March 2015
- **Prof. Alka Acharya,** Director, Institute of Chinese Studies (ICS) New Delhi, ***"The NDA Regime and India-China Relations" Expectation and Possibilites",*** 7 September 2015
- Ambassador Lecture Series by Ambassador G. Parthasarathy, Former Indian High Commissioner to Pakistan on "India's relationship with Pakistan: Contextualising Regional Integration in South and Southeast Asia" on 16February 2016.

Other Activities :

i. The Scholars have submitted a study report on "South Asia at a Glance" as a part of their study in February, 2014.
ii. The students thoroughly covered the Seminar conducted by the department on"Disaster Management" in February 2015 and helped in writing the seminar proceeding.
iii. Departmental level (weekly-Friday Seminar Series) seminars were organised with the participation of Scholars and students.
iv. Special invited lectures were arranged for enrichment of students.
v. A Delegation of ten students was selected to represent the department at the National conference organised in collaboration with Christ University, Bangalore "Emerging Trends in Non-Traditional Security: Threats and Responses, 2-3, September 2016.

45. List the teaching methods adopted by the faculty for different programmes.
All the faculty members use lecture, class discussions, tutorials, assignments and presentations to teach the students of the department. In the current year the department also plans to use simulation exercises and field trips based briefings to complement class room teaching.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Learning outcomes are reflected in the performance of the students which is judged by class discussions and by assignments. The faculty uses these methods to monitor the learning outcomes and to meet the programme objectives.

47. Highlight the participation of students and faculty in extension activities.
The faculty members have participated in execution of many programmes organised by the university be it the annual day celebration, sawachh bharat abhiyan, sardar vallabh bhai patel birth anniversary, annual function Udaan 2015 or sports meet. The students also remained active throughout the semester

in these programmes. They participated in various events such as OJAS, International Youth Day and also won prizes.

Students Participation in the National Level Events:

- **PG student Mr. Verain Satti has participated in National Youth Festival at Chhattisgarh organised by Ministry of Youth and Sports Affairs, Government of India in January 2016.**

- **PG student Mr. Manik Jain has participated in National Adventure Camp at Manali, Himachal Pradesh organised by National Service Scheme, October 2016.**

- **PG student Mr. Verain Satti has participated in Pre-Republic Day Camp at Chandigarh, Punjab organised by by National Service Scheme, October 2016.**

48. Give details of "beyond syllabus scholarly activities" of the department.
Following the conference in Bangalore, the participating students have been encouraged to submit joint papers along with the students from Christ University for the next round of conference on Non-Traditional Security scheduled for February 2016.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
No.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The department constantly organises various discussions and lectures which are aimed at exposing the students to knowledge beyond what is available in text books. Additionally the department constantly aims to bridge the gap between academics and policy makers and to that extent regularly facilitates interactive sessions with practitioners.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:

1. Highly qualified and motivated faculty.
2. Innovative approach to teaching-learning.
3. Greater synergy between policy, practitioners and academic scholars.
4. The Department has attracted high ranking officers from the Indian Army (Two Lt. Generals and One Brigadier) to pursue their Ph.D.
5. The revised syllabus is one of the best available course structure among the universities/colleges which offer Defence and Strategic Studies/National Security Studies.

Weaknesses:

1. Vacant teaching and non-teaching posts.
2. Weak infrastructural support.
3. Shortage of Basic Facility like Smart Class Rooms.

4. Hesitancy of administration in permitting student field trips to sensitive areas.
5. Basic amenities like Computers and Printers are yet to be provided to the Faculty.

Opportunities:

1. Being located in Jammu which is close enough to get a good understanding of the conflict in the state yet distant enough to be affected by it.
2. Given the charged security atmosphere in the country the students of the department will be much in demand because of the unique training provided in the department.
3. As a central university have capacity to attract students from all over India.
4. MoUs with International Universities as well as recognised national institutions expands the scope of academic engagement on security studies.
5. Ability to attract international faculty and scholars.

Challenges :

1. Though it has been introduced in UGC NET, non inclusion of NSS as an optional subject in the UPSC examinations restricts the popularity of the subject amongst civil service aspirants.
2. Lack of clear guidelines which facilitates deputation/short term appointment of serving officials and practitioners to serve as visiting faculty.
3. Short term attachment with the security establishments for developing synergy.
4. The lack of open source information with regard to security establishments restricts scholarship to some extent.

52. Future plans of the department.

1. Capacity building for next generation in critical analyses of strategic issues and establishing a pool of experts on national security.
2. Offer a forum for constant interaction between military professionals, strategic thinkers and academics to develop strategic culture.
3. To provide academic and research inputs to Indian security establishment and policy makers through collaboration.
4. Executive workshop for service personnel on security studies, security sector governance and emerging new security threats.
5. Offer certificate course on Chinese language.
6. Offered diploma course on Conflict Management, Resolution and Peace.
7. International exchange program and fellowship for students and faculty.
8. Annual inter regional dialogue in Jammu and Kashmir among the stake holders from Jammu, Kashmir and Ladakh.
9. Annual security and strategic dialogue in the Trans-Himalayan region.
10. Develop a centers of research excellence on China, Pakistan and Afghanistan.

EVALUATIVE REPORT OF DEPARTMENT

MASS COMMUNICATION AND NEW MEDIA

1. Name of the Department: **Department of Mass Communication and New Media.**
2. Year of establishment**: 2014.**
3. Is the Department part of a School/Faculty of the university? **Yes, School of Knowledge Management, Information and Media Studies.**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.):

S. No.	Programme	Duration	Nature	Intake
1.	**PG programme**	04 Semesters	Fulltime	36

5. Interdisciplinary programmes and departments involved.

S. No.	Course	Semester	Department
1.	Effective Communication	1st	Department of Educational Studies, Department of Tourism and Travel Management, Department of Environmental Sciences.
2.	Freelance Journalism	2nd	Department of Educational Studies, Department of Environmental Sciences, Department of English.
3.	Online Communication	3rd	Department of Public Policy and Public Administration.
4.	Media Writing	4th	Department of Public Policy and Public Administration.

6. Courses in collaboration with other universities, industries, foreign institutions, etc. **Nil.**
7. Details of programmes discontinued, if any, with reasons. **Nil.**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:

S. No.	Programme	Mode
1.	PG programme	Semester system till 2015 CBCS 2015 onwards

9. Participation of the department in the courses offered by other departments:

S. No.	Programme	Semester	Course Title	Departments Involved
1.	MCNM (2014-15)	1st	MSW 175: Elements of Social Work	Department of Sociology and Social Work
2.	MCNM (2014-15)	1st	MECO 175: Introduction to Indian Economy	Department of Economics
3.	MCNM (2015-16)	2nd	MECO 275: Developmental Issues in Indian Economy	Department of Economics
4.	MCNM (2015-16)	3rd	MPPA 375: Local Governance in India	Department of Public Policy and Public Administration
5.	MCNM (2015-16)	4th	MPPA 475: E-Government	Department of Public Policy and Public Administration
6.	MCNM (2016-17)	3rd	PGECL3I001T: English for Specific Purposes	Department of English

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01	
Associate Professor	02	None	None
Assistant Professor	04	04	04
Others			

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	Years of Experience	No. Of PhD/M Phil students guided
Prof. Govind Singh	Ph.D.	Professor and Head,	Print Media, Communication Research	35	5 Ph.D. (pursuing)
Professor Deepsheekha Kotwal	Ph.D.	Professor n	Women's &Gender Studies, Comparative Literature, Films and Media Studies.	39	3 M. Phil and 5 PhD
Dr.Bachha Babu	Ph.D.	Assistant Professor	Media Laws and Ethics, Contemporary Issues in Media, Communication Research, International Communication,	4	Nil
Mr. Rashid Ali	MA	Assistant Professor	Science Communication, Development Communication, Broadcast Media, Communication Theory.	3.5	Nil
Ms. Archana Kumari	M. Phil.	Assistant Professor	Media Economy, Development Communication, Reporting and Editing for Print Media, Press Laws and Ethics, Media Research.	7	Nil
Mr. Manish Prakash	M. Phil.	Assistant Professor	Digital Journalism, New Media, Cinema Studies	1.5	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professor.

- **Prof. Kuldeep Chand Agnihotri, Vice Chancellor, Central University of Himachal Pradesh, H.P.**
- **Prof. Rattan Lal Hangloo, Vice Chancellor, University of Allahabad, U.P.**
- **Shri Rajesh Badal, Executive Director, Rajya Sabha TV, New Delhi.**
- **Dr. Vijay Rana, Editor, BBC Hindi Sewa, London, UK.**
- **Prof. Rajbir Singh, Director, CEC, UGC, New Delhi.**
- **Prof. Ashok Ogra, Director, Apeejay School of Mass Communication, New Delhi.**
- **Prof. Shambhunath Singh, School of Journalism and Mass communication, IGNOU, New Delhi.**
- **Prof. J. Jethwaney, Department of Advertising and Public Relations, Indian Institute of Mass Communication, New Delhi.**
- **Prof. K. Narender, Department of Communication and Journalism, Osmania University, Hyderabad.**
- **Prof. M. Kasim, AJK MCRC, Jamia University, New Delhi.**
- **Prof. N. S. Johal, Department of Journalism and Mass Communication, Punjabi University, Patiyala.**
- **Prof. Harish Kumar, Department of Journalism and Mass communication, MaharshiDayanand University, Rohtak.**
- **Prof. M. S. Kidwai, Department of Mass Communication, Aligarh Muslim University**
- **Prof. Govind Singh, Department of Journalism and Mass Communication, Uttarakhand Open University**
- **Dr. Mira K. Desai, Department of Extension Education, SNDT Women's University**
- **Dr. Arul Selvan, School of Journalism and New Media Studies, IGNOU. New Delhi.**
- **Prof. Sanjeev Bhanawat, HOD, Department of Mass Communication, University of Rajasthan.**
- **Mr. Shahid Shabir, Senior Journalist, DD Kashir.**
- **Mr. Rahul Jalali, President, Press Club of India, New Delhi.**
- **Ms. Anjali Sharma, Director, DD Jammu.**
- **Mr. Ashwini Kumar, Bureau Chief, Aaj Tak, Jammu.**
- **Mr. M. K. Bangroo, Senior Journalist, J & K.**
- **Prof. Kamlesh Duggal, GNDU, Amritsar.**

13. Percentage of classes taken by temporary faculty – programme-wise information. **NA**

14. Programme-wise Student Teacher Ratio.

Programme	Student – teacher ratio
Post Graduation in Mass communication and New Media (Semester IV)	**2.5:1**
Post Graduation in Mass communication and New Media (Semester II)	**6.2:1**
Post Graduation in Mass communication and New Media (Semester I, 2016-18)	**6.2:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

Staff	Sanctioned	Filled	Actual
Academic Support Staff		0	0
Administrative Staff		1	1

16. Research thrust areas as recognized by major funding agencies.

The Thrust areas are as follows :

1. Ethics in Journalism
2. Advertising and Print Media
3. Freedom of Press

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Proposed Project Title	National/International	Funding Agency	Faculty Members
Tracing the development of Print Media in Jammu and Kashmir	National	Central University of Jammu	i. Dr. Bachha Babu ii. Ms Archana Kumari
B. Voc. In Journalism and Mass Communication	National	University Grants Commission	Department of Mass Communication and New Media

18. Inter-institutional collaborative projects and associated grants received. **Nil**

a) National collaboration b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. **Nil**

20. Research facility / centre with. **Nil**

- State recognition
- National recognition
- International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies. **Nil**

21. Publications, No. of papers published in peer reviewed journals (National/international), monographs.

Lectures delivered:
Prof. Govind Singh
Ref. to Annexure-M
Professor Deepsheekha Kotwal:

(1) Delivered two lectures on the "Use of Officialese" in **UGC sponsored** orientation course conducted by the Department of Home Science University of Jammu on 21st of Dec. 2015.

(2) Delivered two lectures on 21st Dec. 2015 in Dogri Department, University of Jammu on "Course on Research Methodology"
   i. Creating Research Design
   ii. Hypothesis

(3) Delivered five lectures from 16th to 23rd Nov. 2015 On "Concept of Gender: Gender socialization, WID and GAD in Centre for Women's Studies, University of Jammu.

(4) Delivered lecture on *Communicative Skills and Body Language*, Dec. 2014, State Judicial Academy, J & K High Court.

(5) Delivered lecture on *Humanisation of Male-dominated Police System and Gender Justice*, 3rd June 2014. Sher-e-Kashmir Police Academy, Udhampur.

(6) Delivered lecture on *Education and Women's Empowerment*, 24th November 2014, Centre for Women's Studies, MIER College of Education, Jammu.

(7) Delivered two lectures on *Multi disciplinary approach to Research* Part I and II on 6th-28th August, 2012. Department of Hindi.

(8) Delivered Extension Lecture on *Professional Communication* to MBA and MCA students, 20th October, 2011. Bhaderwah Campus

(9) Delivered lecture on *Homeland and exile for Kashmiri Pandits* on 25th April 2011 at Jammu Club, Jammu.

(10) Delivered lecture on *Perspectives on Feminism* (Keynote Address), 8th March, 2011. Centre for Women's Studies, MAM College Jammu.

Dr. Bachha Babu:

(1) Delivered a lecture on *Climate Change Agenda: Climate Justice in Indian Perspective* in Press Club, Jammu, 15th December, 2015.

(2) Delivered a lecture on *Role of Teachers to Counter the Divisive Forces* in Defence Headquarter, Nagrota, 16th January, 2016.

Mr. Rashid Ali:

(1) Delivered 4 lectures on *articulation and intonation* in five day workshop conducted by Radio Kashmir under the aegis of Vani Certificate Course, National Academy of Broadcasting and Multimedia in November.

(2) Delivered two lectures on *Marxist literary theory* to 3rd Semester students of Department of English, Central University of Jammu, October 2014

(3) Delivered four lectures on *Journalism: Forms and Types* at Central University in Kerala, December 2013.

Ms. Archana Kumari:

(1) Delivered a lecture on *Advertising and Public Relations* in Jaipur National University, Jaipur on 3rd April, 2015.

(2) Delivered series of six lectures on *Media Management* in the Department of English Journalism, Indian Institute of Mass Communication, New Delhi in Jan-Feb, 2014.

(3) Delivered two lectures to the IIS 'group B' officers in Indian Institute of Mass Communication, New Delhi on *Media Management* in Jan-Feb, 2014.

(4) Delivered series of 10 lectures on *Press Laws and Ethics* in Indraprastha College of Delhi University in Jan-April, 2011.

Publications:

Dr. Bachha Babu:

1. **"Philosophy of Media Ethics"** published in an online bilingual media research journal "Chauthi Satta" Vol. 2, Issue 4, Jan-June, titled ISSN no.- 2395-342X.
2. **"Media Freedom is not an absolute freedom" published in Journal of Advanced Research in Journalism and Mass Communication with ISSN No. 2321-5488.**
3. **"Philosophy of Journalistic Ethics and Freedom" published in edited book authored by Prof. Tapati Basu, University of Calcutta. ISBN no. 81-86263-004.**
4. **"Press Freedom: Myths and Reality" published in a multidisciplinary, peer reviewed international research journal, Research Dimension, ISSN no. 2249-3867, Vol. 2, Issue 8.**
5. **"Vishwa Sanchar Vyavastha aur Bhoo- Rajniti (1990 ke baad ki pramukh ghatnaon me yudhh-shanti prakriya ka alochanatmak addhayan" published in a multidisciplinary, peer reviewed international research journal, Research Direction, ISSN no. 2321-5488.**
6. **"Paribhashit Media: Swamitwa aur antarvastu niyantran" published in an edited book "Media ke mudde" authored by Dr. Sushmita Bala, Kanishka.**

Mr. Rashid Ali:

1. Translated **Fire Area**- Sahitya Academy Award Winning Novel published by National Book

Trust, New Delhi, ISBN No 81-237-3325-9. Year 2000.

2. Mapping Memories- Translated one short story **'Fire Flies in Clenched Fist'** for UNESCO published by Katha, ISBN no. 978-81-85586-76-2. Year 1997.
3. Praxis of Performance- Book review of **'A Critical Stage'** authored by Fauzia Afzal Khan published by Biblio: A Review of Books, Volume 10, ISSN no 0971-8982. May-June 2005.
4. **Itihas Ki Dhalan**- Research Article Published in Hindi Journal 'Akaar' Volume 6. Year 2012.

s. Archana Kumari:

1. Archana Kumari & Nibha Sinha. (2016). **Challenges and prospects of using cellular phones for supporting agriculture: A case study of Kisan call centre scheme in Bihar**. In K. John Babu (Ed.), *Media and Communication for Development* (pp. 121-1133). New Delhi, India: Dominant.

2. A **chapter 'Using Social Media in Teaching Journalism in Media Schools of India'** has been published in the book ICT Trends in Education edited by Prof. A. Ramakrishna, Pragma Publications, First Edition, May 2016. ISBN: 978-93-84845-18-6.

3. A **chapter 'Prospect of Community Radio as a Vehicle of Green Communication and Sustainable Development: A Case Study of Jan Dhan Yojana'** has been published in the book Green Communication and Sustainable Development: Prospects and Challenges edited by Dr. Mahendra Kumar Padhy, Shroff Publishers, First Reprint, 2015. ISBN 13: 978-93-5213-047-4.

4. A **chapter 'Emergence of Children as a Target Audience in Advertising: A Case Study of Urban Jammu'** has been published in the book Children and Media, Issues and Perspectives edited by Rameshwari Pandya and Atanu Mohapatra, Manglam Publishers, First edition, 2015. ISBN No. 978-93-82816-22-5.
5. A **chapter 'Media Ownership and its Impact on Audiences'** was published in the book Development Issues in India: Policies and Perspectives edited by Atanu Mahapatra, Manglam Publishers, First edition, 2014. ISBN No. 978-93-82816-21-8.
6. A **chapter 'Changing Form of Folk Media in Kashmir'** was published in the book Traditional Media and Development Issues edited by Ambrish Saxena, Kanishka Publishers, New Delhi. First edition, 2014. ISBN No.978-81-8457-586-6.

Research papers published

1. **Kumari, Archana. July-September 2015. "Representation of Women in Media after Globalisation". Women's Link. Vol.21, No.3. New Delhi. ISSN – 2229-6409.**
2. **Kumari, Archana & Kumar, Divyanshu. May 2015. "Educational tourism in India: Past, Present and Future". *Yojana*. Delhi. ISSN – 0971-8400.**
3. **Kumari, Archana. 2015. "Balwant Thakur – A One Man Institution". *Theatre Street Journal*. Vol. 1, No. 1, Kolkata.**
4. **Kumari, Archana & Sinha, Nibha. 2014. "Professionally skilled women and social media: A study of select group of women". *Journal of Advanced Research in Journalism and Mass Communication*. 1(2).**
5. **Kumari, Archana. September 2014. "Evaluating social media as a new tool of journalism education". *South Asian Journal of Multidisciplinary Studies*. Vol.1. (1). New Delhi. ISSN - 2395-1079.**
6. Kumari, Archana. January-June 2014. **"Theatre: A mode of communication in Kashmir – A case study of two theatre groups of Kashmir – FUNTOOSH and EKTA". *International Journal of Communication Development.*** A peer reviewed research journal. Guru Gobind Singh Indraprath University. New Delhi. Vol. 4, Issue I. ISSN -2231-2498.
7. Kumari, Archana. July 2013. **"Empowerment unto the last". *Kurukshetra***: *A Journal on Rural development*. Delhi. ISSN – 0021-5660.
8. Kumari, Archana. 2013. **"The sociological category of naxalism: An analysis".** *International Journal of Communication and Social Research*. A peer-reviewed international journal. Srinagar. ISSN – 2318 – 605X.
9. Kumari, Archana. 2012**. "New tools of development communication".** *The Asian Conference on Media and Mass Communication 2012*. Official Conference Proceedings. Osaka, Japan.
10. Kumari, Archana. Jan-June 2012. "**Increasing trend of paid news in media".** *Asian Review of social sciences*. An international peer-reviewed journal of social sciences. Coimbatore. ISSN – 2249-6319.

Seminars/Conferences:

Professor Deepsheekha Kotwal:

1. Organised National Seminar on "Changing Dynamics on Media Landscape"6-7 May, 2016 in the Department of Mass Communication and New Media, Central University of Jammu (Seminar Director)

2. Seminar on The Solution to Combating Crimes against Women is Capital Punishment or Change in

Mindset of Stakeholders (Presentation and Panel Discussion), 28th September, 2013. Sher-e-Kashmir Police Academy, Udhampur.

3. Seminar on People's Agenda: J&K vis-a-viz AAP Model, 5th January, 2014. J&K People's Initiative for Change (JKPIC). Chaired a session.
4. International Conference CESI 2012 on Education for a Changing World, 10th-12th October, 2012. Organised by University of Jammu in collaboration with Comparative Education Society of India (CESI). Chaired a session.
5. Seminar on Violence Against Women, 7th February, 2013. Mahila Hinsa Virodhi Manch (MHVM) and Department of Urdu. University of Jammu.
6. National Seminar on Higher Education in India—Role Playing Parameters of Excellence, 15th-16th March, 2013. ICSSR, New Delhi and Sai Shyam College, University of Jammu, (Panel Discussion).
7. VIth International Seminar on 'The Republic in Shakespeare', 16th-18th October, 2013. Department of English, University of Jammu and The Shakespeare Association (India). Presented Paper titled "*Viola, Beatrice and Rosalind Feminizing Shakespeare's Republic*", Plenary Speaker and Chaired a session.
8. XVII Conference of North West Indian Sociological Association (NWISA), 22nd-23rd November, 2013. Department of Sociology. Presented paper titled "*Marriage, Then and Now: A Feminist Critique*" and chaired a session.
9. International MELUS Conference 21st -23rd Feb. 2014, Department of English, University of Jammu, delivered Prof Issac Sequeira Memorial lecture on, "*Teaching Shakepear and G. B. Shah: The dilemma of English language teaching*" on 22nd Feb. 2014.

Dr. Bachha Babu:

1. Presented a paper entitled "Media & Democracy" in the 9th World Hindi Congress held in Johansberg, South Africa organized by Miinistry of External Affairs, Govt. of India.
2. Presented a paper titled 'Paid News in Print Media' in a UGC sponsored two-day national conference on 'Corporate Media and Indian Democracy' organised by A.R.S.D College, University of Delhi on March, 26-27, 2015.
3. Presented a paper on "Philosophy of Media Ethics", in a National Seminar on *Journalism for Positive Change* organised by the Department of Mass Communication, Dev Sanskriti University, Haridwar on 1-2nd November, 2014.
4. Presented a paper entitled "Corporate Social Responsibility : Special Reference to Media Organization" in the 2nd International Conference on Organizational Leadership held in Pondicherry (India), organized by F.M.S., University of Delhi with collaboration to University of Pondicherry and Regent University, U.S.A.
5. Presented a paper entitled "Role of Media in effective Science Communication" in the 11th

International Conference on Public Communication of Science & Technology held in New Delhi (India) organized by Ministry of Science & Technology, Govt. of India .

6. Presented a paper entitled " Diaspora Youth and Construction of Indian Identity through films" in the 7th International Writers Festival-India held in Mahatma Gandhi Antarrashtriya Hindi vishwavidyalaya, Wardha, organized by India Inter-Continental Cultural Association, Chandigarh and M.G.A.H.V., Wardha.
7. Presented a paper entitled "Philosophy of journalistic Ethics and Freedom" in the International Seminar on Issues of Journalistic Ethics and Freedom in the Contemporary Age of Digital Media held in University of Calcutta.
8. Presented a paper entitled "Dalits in Indian news Papers" in the International Conference on Civic Challenges, Democracy and Media held in Mangalayatan University, Aligarh organized by Institute of Journalism and Mass Communication and ICSSR, Ministry of HRD, Govt. of India.

Mr. Rashid Ali:

1. Myths of Communication, under Faculty Lecture Series conducted by Central University of Jammu, Jammu in August, 2014
2. Governance, Language and Translation in two days conference on Emerging issues in public administration and rural development organised by Indian Public Administration Association, Karnal, December, 2014
3. Media aur Rashtravad ka Prabandhan in one day conference on Rashtravad: Tulnatmak Hindi Sahitya ki Chunautiyan organised by Kerala Central University, Kasaragod, December, 2013
4. Presented a research paper titled 'Literature and the Politics of Shantih' at **National Seminar** on organized by the Department of English, Central University of Jammu, September, 2014
5. Global Village: Homogenising tendency of the state in Public Administration in India in two days conference on Glabalising World: Convergence, Divergence and Transformation organised by Central University of Jammu, May 2015

Ms. Archana Kumari:

1. Presented a paper titled 'Using Social Media in Teaching Journalism in Media Schools of India' in an **international conference** on Developing Thinking and Learning with ICT:

Changing Education for Future Needs organised by Osmania University, Hyderabad on 29-30 May, 2016.

2. Member of Organising Committee in the national seminar on the topic "Changing Dynamics of Media Landscape" organised by Department of Mass Communication and New Media, Central University of Jammu on 6-7 May, 2016.

3. Member of Organising Committee in the **national seminar** on "Education and Youth: Challenges and Prospects" organised by Central University of Jammu to commemorate Dr. A.P.J Abdul Kalam on 2nd November 2015.

4. Presented a paper titled 'Challenges and Prospects of Using Mobile for Promoting Agriculture in India' in a **national conference** on Role of Media in Positive Transformation of Society named All India Media Educator's Conference on 2– 4 April, 2015, Jaipur, Rajasthan.

5. Presented a paper titled 'Prospects of Community Radio as a Vehicle of Green Communication and Sustainable Development: A Case Study of Jan Dhan Yojana' in a **national seminar** on Green communication and Sustainable Development: Prospects and Challenges organized by Babasahebb Bhimrao Ambedkar University, Lucknow on 28th and 29th January, 2015.

6. Presented a paper titled '*Challenges and Prospects of New Media for upliftment of Dalit and Muslim Women: A Case Study of Two Selected NGOs of Delhi*' in a UGC sponsored **national seminar** on Media: Past, Present and Future organized by B. S. R. Government Arts College, Alwar, Rajasthan on 5th and 6th December, 2014.

7. Presented a paper *titled* '*Social Media aur Vyavsay Kushal Grihiniyan*' in a UGC sponsored **national seminar** on Media: Past, Present and Future organized by B. S. R. Government Arts College, Alwar, Rajasthan on 5th and 6th December, 2014.

8. Presented a paper titled '*Uses and Misuses of Social Media in Teaching Journalism*' in NAAC Sponsored **national seminar** on Quality Improvement in Teacher Education through ICT organized by MIER College of Education, Jammu on 15th November, 2014.

9. Presented a paper on '*Social Media and Women*' in **national seminar** on Stri Kumbh organized by Hansraj College, Delhi University, New Delhi on 24th September, 2014.

10. Presented paper titled '*Emergence of Children as a Target Audience in Advertising: A Case Study of Kashmir Valley*' in **national seminar** on Children and Women in Media: Issues and Perspectives organized by The maharaja Sayajirao University of Baroda, Vadodara, Gujarat on 26th and 27th March, 2014.

11. Presented paper titled '*Political Delineation of News Media in Kashmir and its Consequences*' in **international seminar** on Crony Journalism: Redefining Journalistic Practices organised by Centre for Journalism and Mass Communication (CJMC), Visva Bharati on January 18 and 19, 2014.

12. A paper titled '*Changing form of Folk Media in Kashmir*' has been presented in a **national seminar** on Media Issues and Social Transformation organised by Vivekananda School of Journalism and Mass Communication from January 10-12, 2014.

13. A paper titled "Status of journalism education in Kashmir" **presented** in a **national seminar** on *"The status of Journalism education in Indian Languages"* organised by Indian Association of Mass Communication on October 15, 2013 at New Delhi.

14. A paper titled "MGNREGS and upliftment of rural women" **presented** in a **national seminar** on "***Decentralised Governance and Changing Paradox of Development in Rural Areas"*** on September 11 and 12, 2013 at Central University of Jharkhand. Ranchi.

15. **Presented** paper titled **'New Tools for Development Communication'** at third Asian conference on *Media and Mass Communication*, MediAsia2012 at Osaka, Japan held on November 2-4, 2012.

16. **Presented** paper titled **'Social Media: New Tool for Education'** in an **international seminar** on *Teacher Education for Peace and Harmony* organized by Institute of Advanced Studies in Education (IASE) Deemed University, Gandhi Vidya Mandir, Rajasthan on February 11-13, 2012.

17. **Presented** paper titled 'E-learning in media education' in a UGC sponsored **national seminar** on '*Journalism in the age of New Media*' by Surendranath College for Women, Kolkata on 10th and 11th of January, 2012.

Mr. Manish Prakash:

(1) Member of Organising Committee in the national seminar on the topic "Changing Dynamics of Media Landscape" organised by Department of Mass Communication and New Media, Central University of Jammu on 6-7 May, 2016.

(2) Member of Organising Committee in the national seminar on "Education and Youth: Challenges and Prospects" organised by Central University of Jammu to commemorate Dr. A.P.J Abdul Kalam on 2nd November 2015.

(3) Presented a paper titled "The Buzz around the Films: Celebrities and Social Media in India" organised by Department of Media Studies, Jain University, Bangalore on the theme New Age Communication and Media on 2nd February, 2015.

(4) Presented a paper on "Electronic Media in the age of digital revolution: Challenges and Conflicts" in a National Conference on *Media: Past, Present and Future* organised by BSR Arts College, Alwar, Rajasthan on 5-6th December, 2014.

(5) Presented a paper on "ICT as a tool for efficient Education System", in a National Seminar on *Quality Improvement in Teacher Education through ICT* organised by MIER College of Education, Jammu, Jammu and Kashmir on 15th November, 2014.

Workshops:

Professor Deepsheekha Kotwal:

(1) Participated in three day Workshop on Communicative Skills for Probationary Officers, State Bank of India Sept. 2012.

(2) Attended short-term course on ICT Skills for Senior Professors, 14th-15th March, 2011. Academic Staff College Computer Lab.

(3) Attended a workshop on Communicative English and Body Language for Undergraduate and Postgraduate Students of the Certificate Course in Communicative English, 16th-20th October, 2011. Bhaderwah Campus. Resource Person.

(4) Attended two day Workshop on Writing Research Proposals 24th-25th January, 2013. Department of English, University of Jammu. Resource Person and Panel discussion, Delivered lecture on "*How to create a research proposal*".

(5) Attended a workshop on Research Methodology on, at Centre for Women's Studies, University of Jammu. 9th-13th March, 2015 Lecture "Writing MLA handbook".

(6) Attended Workshop on Research Methodology at Department of Hindi, University of Jammu. 16th-22nd March, 2015, Delivered two lectures on "*Hypothesis and Documentation*"

(7) Attended Research Methodology workshop in Department of Punjabi, University of Jammu. on 6th April and 10th April 2015, Delivered two lectures on "*Choosing a topic and Areas of research*".

Dr. Bachha Babu:

(1) Dr. Bachha Babu participated as a member of organising committee in two-day national workshop on "Reinvigorating the Study of Mass Communication" organised by Department of Mass Communication and New Media, Central University of Jammu on 1-2 May 2015.

(2) Dr. Bachha Babu participated in a National Workshop on Scholarly Writings and Plagiarism: Key Concerns organised by Dept. of MBA HRM and OB, Central university of Jammu, J & K on 29th to 31st October, 2014.

Ms. Archana Kumari:

(1) Ms. Archana Kumari participated as a member of organising committee in two-day national workshop on "Reinvigorating the Study of Mass Communication" organised by Department of Mass Communication and New Media, Central University of Jammu on 1-2 May 2015.

(2) Ms. Archana Kumari participated in a National Workshop on Scholarly Writings and Plagiarism: Key Concerns organised by Dept. of MBA HRM and OB, Central university of Jammu, J & K from 29th to 31st October, 2014.

(3) Ms. Archana Kumari participated in a National Workshop on Essential Computing Techniques organised by Dept. of Computer Science and IT, Central University of Jammu, J & K from 8th to 10th October, 2014.

(4) Ms. Archana Kumari participated in a Doctoral Research Symposium cum Workshop organized by Department of Communication Studies, Jagannath International Management School (JIMS), New Delhi from 12th to 14th June, 2014.

Mr. Rashid Ali:

(1) Mr. Rashid Ali participated as a member of organising committee in two-day national workshop on "Reinvigorating the Study of Mass Communication" organised by Department of Mass Communication and New Media, Central University of Jammu on 1-2 May 2015.

Mr. Manish Prakash:

(1) Mr. Manish Prakash participated as a member of organising committee in two-day national workshop on "Reinvigorating the Study of Mass Communication" organised by Department of Mass Communication and New Media, Central University of Jammu on 1-2 May 2015.

23. Details of patents and income generated. Nil.

24. Areas of consultancy and income generated. Nil.

25. Faculty selected nationally/internationally to visit other laboratories/institutions / industries in India and abroad. Nil.

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

Editorial board:

- **Prof. Deepsheekha Kotwal: Editor, "Campus Update" University Newsletter**
- **Archana Kumari: Executive Editor, "International Journal of Communication and Social Research".** ISSN – 2318 – 605X.
- Appointed as Guest Editor in a peer reviewed journal The Equanimist, Vol 2, Issue 3, Jul-Sep 2016. ISSN No. 2395-7468. **(Dr. Bacha Babu)**
- **Dr. Bachha Babu: Sub Editor, "Campus Update". An in house news letter of Central University of Jammu.**
- **Archana Kumari: Sub Editor, "Campus Update". An in house news letter of Central University of Jammu.**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- **Dr. Bachha Babu – Completed Refresher Course in Mass Communication from UGC-ASC.**
- **Archana Kumari – Completed Orientation Course from ASC, JNU**

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects.

Programme	Semester	Percentage
• MCNM	IV	100

- percentage of students doing projects in collaboration with other universities / industry / institute. **Nil.**

29. Awards / recognitions received at the national and international level by: **Nil.**

- Faculty
- Doctoral / post doctoral fellows
- Students

(national

30. / International) with details of outstanding participants, if any.

• A National Seminar on '**Changing Paradigm and Media Landscape'** to be organised in March, 2016.

31. Code of ethics for research followed by the departments.
The students are instructed properly about plagiarism and other ethical aspects of research before starting their MA dissertation in IVth semester.

32. Student profile programme-wise:

Name of the	Applications	Selected		Pass percentage	
Programme (refer to question no. 4)	**Received**	Male	Female	Male	Female
PG in Mass Communication and New Media (4th Semester) PG in Mass Communication and New Media (2nd Semester)		9	16	36%	64%

33. Diversity of Students:

Name of the	% of	% of students	% of students	% of
Programme (refer to question no. 4)	**Students from the**	**from other universities**	**From Universities**	**Students From**
	Same University	**within the State**	**outside the State**	**Other Countries**
Post- Graduation (4th Semester)	0%	90%	10%	0 %
Post- Graduation (2nd Semester)	0%	90%	10%	0%

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. **Nil.**

35. Student progression. **NA.**

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
Employed • Campus selection • Other than campus recruitment	03
Entrepreneurs	Nil

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	Nil
from universities from other States	**100%**
from universities outside the country	Nil

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period. **Three.**

- **Mr. Manish Prakash, Awarded M. Phil from JNU, New Delhi in 2015.**
- **Dr. Bachha Babu, Awarded PhD from Mahatma Gandhi International Hindi University Wardha in 2013.**
- **Ms. Archana Kumari, Awarded M. Phil from JNU, New Delhi in 2012.**

38. Present details of departmental infrastructural facilities with regard to

Library	Internet Facilities for staff and students	Total number of classrooms	Class room with ICT facility	Students' laboratories	Research laboratories	No. of Books
Central University Library	YES	02	Under Construction	University Computer Lab	Under Construction	114 (2015-2016)

39. List of doctoral, post-doctoral students and Research Associates: **NA.**

a) from the host institution/university.

b) from other institutions/universities.

40. Number of post graduate students getting financial assistance from the university. **None.**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

The PhD program from academic session 2016-17 has been launched in the department. A course matrix for course work in PhD has been discussed with the subject expert and the process of finalising is on.

42. Does the department obtain feedback from

a.a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Faculty members are part of the curriculum designing, however, when they teach the same curriculum, then they get to understand some of the strengths and weaknesses of it. Same is the case with evaluation. So on the basis of their experiences the curriculum and the teaching-learning-evaluation process is improved.

a.b. students on staff, curriculum and teaching-learning-evaluation and how

does the department utilize the feedback?

The department has a close group of ten students in semester III, 25 students in semester I and four faculty members and the process of mentoring the students has been initiated by assigning groups to each teacher.

a.c. alumni and employers on the programmes offered and how does the department utilize the feedback?

As soon as the department gets its first batch of alumni, it is planned to make an alumni association of the department and get the feedback of the alumni on the courses and the requirements of the field from their employers.

43. List the distinguished alumni of the department (maximum 10): **Nil**

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- **Special lectures organised by the department with visiting journalists, theatre personalities and corporate managers.**
- **Three-day workshop on advance computer application was organised for students**
- **Workshop on writing and speaking skills to be organised by the department.**
- **National seminar on 'Changing Paradigm of Media Landscape' to be organised in March, 2016.**

45. List the teaching methods adopted by the faculty for different programmes.

- **Class room lectures,**
- **Group discussions,**
- **Tutorials,**
- **Power Point Presentations,**
- **Laboratory teaching,**
- **Practical training,**
- **Field work,**
- **Seminars,**
- **Quiz,**
- **Extempore presentations.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Learning outcomes are reflected in the performance of the students which is judged by class discussions, mid-semester examinations, assignments and presentations. The faculty uses these methods to monitor the learning outcomes and to meet the programme objectives.

47. Highlight the participation of students and faculty in extension activities.

- **Annual day celebration,**
- **Sawachh Bharat Abhiyan,**
- **SardarVallabh Bhai Patel birth anniversary,**
- **Udaan 2015 and 2016**
- **Sports meet**
- **NSS - Students participated in blood donation camp**
- **Student participation in Youth Festival organised in Chhattisgarh Jan 2016.**
- **The students participated in on-spot painting competition, photography competition, skit, mimicry and also won prizes in these events.**
- **The Department of Mass Communication & New Media also took initiative in preserving and promoting traditional folk theatre of Jammu & Kashmir and performed two plays 'Bhand Kur and Hiran' in the precincts of the university. It also performed 'Bhand Kur' in the youth festival organised by Prasar Bharti and All India Radio in Jammu on Vivekananda Birth anniversary. This play was widely appreciated and students received cash prize of Rs 1,000 each.**

48. Give details of "beyond syllabus scholarly activities" of the department.

For practical pedagogy and hands-on experience, the Department of Mass Communication & New Media arranged visits to various media institutions such as All India Radio, Doordardarshan, Sharda Community Radio Station and Newspaper offices and press. Interactions with media personalities developed students' perspectives and now they are in the process of creating media products in the form of jingles, advertising spots, documentaries, short films, Newspapers and Radio Magazines. Some of the beyond syllabus scholarly activities taken up by the students are:

- **The students visited a Police Station in nearby area and understood the modalities of a crime report.**
- **The students visited DD Jammu to get a first-hand experience in television production activities.**
- **The students visited the press of Kashmir Times to understand media organisation's management.**
- **Some of the students are engaged in training as Radio Jockey in FM**

radio stations.

- **Some students are freelancing with the reputed newspapers of the state.**
- **Some students are working in the editorial team of the in house newsletter 'Campus Update'.**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **No.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department involved the students in many types of basic and applied activities to augment the courses which are being taught:

- **The students made collage of photographs on a particular theme and wrote their own caption for those pictures.**
- **The students participated in intro-writing workshop organised in the class.**
- **The remedial classes for English grammar and composition were also organised in the department.**
- **The students thoroughly covered the annual festival of the university Udaan, 2015 and wrote press releases for all the three days of the function which got published in the leading newspapers of Jammu.**
- **Writing a report on their beat of interest.**
- **Writing a feature on any aspect of festivals.**
- **Interviewing a personality and submitting it to the concerned faculty.**
- **Participating in quiz competition based on their course curricula and general awareness.**
- **Displaying photographs taken by the students in photo-exhibition at university.**
- **Participating in debates and discussions in the class.**
- **Participating in class presentation and extempore presentation in class.**
- **Assessing brands by using primary and secondary sources and presenting it before faculty.**
- **Showing relevant documentaries and films followed by review by students.**
- **Practical demonstration of new media, creation of departmental blog.**
- **Five minute video production on a contemporary social issue.**
- **Students' participation in university's newsletter production.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength	**1.Updated syllabus** **2. Dissertation based on field work** **3. Highly trained faculty and staff.** **4. Innovative approach to teaching-learning process.** **5. Enriched Library resources.** **6. Students interface with media industry and civil society.**
Weaknesses	**1. Vacant teaching and non-teaching posts.** **2. Lack of highly equipped multi-media lab.** **3. Shortage of media houses leading to lack of placement opportunities for students.** **4. Non-availability of local resource persons in certain required areas.** **5. Students enrolment mostly from catchment areas.**
Opportunities	**1. Establishment of community radio station in the main campus is in process.** **2. Establishment of Electronic Media Production Centre is planned.** **3. Well-designed courses for career opportunities like B. Voc in Journalism and Mass Communication has been proposed.** **4. Short term courses and online courses are planned.** **5. Since J&K is an internationally focussed state, so being the students of media, they have**

	advantages and opportunities for international exposure. **6. PhD programme to be initiated from next academic session.**
Challenges	**1. Students' profile continues to remain localised.** **2. To develop professional competencies amongst the students.** **3. Research activities still in the nascent stage.** **4. Need more emphasis on interdisciplinary programmes.** **5. Inadequate infrastructure facilities.**

52. Future plans of the department.

1. The department will produce and publish its own lab journals.
2. A community radio station and an electronic media production centre will be established.
3. The department will establish a placement cell which will also publish a placement brochure of the students and provide facilities for professional training, internship and co-ordination between media organization within and outside the state for the students.
4. A peer reviewed research journal will be published by the department.
5. The department will organize a 'Mega Media Fest' for one week inviting selected media persons and media houses from India and abroad.

EVALUATIVE REPORT OF DEPARTMENT

ENGLISH

1. Name of the Department: **ENGLISH**

2. Year of establishment: **OCTOBER, 2011**

3. Is the Department part of a School/Faculty of the university?
SCHOOL OF LANGUAGES

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) **PG, INTEGRATED M.PHIL-PhD, PhD Programme**

S.No.	Programme	Duration	Nature	Intake
1	M.A. IN ENGLISH AND COMPARATIVE LITERATURE	04 Semesters	Fulltime	30
2	M.Phil & Ph.D Integrated	03 Years 06 Months Minimum	Fulltime	05 Per Year
3	Ph.D.	03 Years	Fulltime	

5. Interdisciplinary programmes and departments involved UNIVERSITY VIDE ID COURSE

S.No.	Programme	Semester	Department
1	ENGLISH FOR SPECIFIC PUROPOSES	1st	ECONOMICS 2011-12 ECONOMICS 2012-13 CS AND IT 2013-14 CS AND IT 2014-15
2	SCIENCE AND LITERATURE	2nd	
3	LITERATURE AND PHILOSOPHY	3rd	
4	CREATIVE WRITING IN ENGLISH	4th	
5	ENGLISH FOR SPECIFIC PUROPOSES	3rd	MCNM (2016-17) NSS (2016-17)
6	INTERPATH/INTERFAITH STUDIES	4th	MCNM (2016-17) PPPA (2016-17)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Refer to Annexure-O

7. Details of programmes discontinued, if any, with reasons **NIL**

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System :
CHOICE BASED CREDIT SYSTEM FOR ALL SEMESTERS

9. Participation of the department in the courses offered by other departments :
The students of Department take a 4 credit University Vide Inter-Disciplinary Course. The Department also offers a similar course to students of other Discipline.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including & MAS) CAS**
Professor	01	None	01
Associate Professor	02	None	
Assistant Professor	04	03*	

* ALL SANCTIONED POSTS FILLED UP TILL 27 TH JULY 2016 AT PRESENT ONE POST IS VACANT (ADVERTISED)
** DEPARTMENT HAS NO INFORMATION REGARDING THIS MATTER.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialisation	No. Of Years of Experience	No. Of Ph.D./M.Phil. (last 4 years)
Prof. Deepsheekha Kotwal	M.A., PhD	Professor	Gender and Women's Studies Victorian Fiction Comparative Writing Indian English Writing and New Literature	38 years	Degree Awarded – 18 Presently Registered -4 MPhil 28 awarded
Prof. Nandini Bhattacharya+ (Till June 2015)	MA, M.Phil. Ph.D	Professor	Genre Studies, Critical Theory, Postcolonial Literature, Translation Theory, 19th Bengal/Britain Studies Comparative Literature Postmodern Literatures Victorian Literature Novels of the Eighteenth Century Dalit Studies Tagore Studies Gandhian Studies Biopolitical and bioethical studies	30	7 M. Phil., 2 Ph.D.s awarded 6 Ph.D.s in process 2 M. Phil. s in process
Dr. Neena Gupta Vij	M.A. M.Phil Ph.D.	Assistant Professor	New Literatures in English Religion and Literature English Novels Shakespeare Feminist Theory and Criticism American Literature Chicano Literature African American Literature Jewish American Literature Native American	10	

Dr. Mirza Ahmed Afzal Farooq	M.A Ph.D.	Assistant Professor	Novels of TaslimaNasreen Feminist Criticism Postcolonial Studies Comparative Literature Indian Writing in English Indian Literature in Translation	9	3 M. Phil. (Awarded) 1 Ph.D (registered)
Mr. Raj Thakur	M. A. M.Phil.	Assistant Professor	Literary Theory Popular Culture and Media Studies.	2.5	
Mr. Raj Gaurav Verma	M.A.	Assistant Professor	Writers of the Diaspora Literary Criticism and Theory Nineteenth Century Poetry Twentieth Century Literature Children's Literature	2	
*Dr. KiranKalra	M.A. Ph.D.	Assistant Professor	Canadian Literature Literature of the Diaspora Jacobian Drama Victorian Literature Comparative Literature	3	2 M. Phil. Awarded
*Ms. HarpreetKour	MA NET	Assistant Professor	British Literature Indian Writing in English Literature of the Diaspora Toru Dutt	2	
**Dr. Jeet Singh	M.A. Ph.D	Assistant Professor	**Humanities:** The area of my research is Narrative Studies, Narratology, Narrative Theory, Postmodern fiction, Structuralism and Deconstruction	3years 8 month	
**Dr. Atiya Noor	M.A. Ph.D SET	Assistant Professor	Cinema and Literature (Film Studies) Victorian Fiction and Film Adaptation Fiction: Novels of The Bronte Sisters, Charles Dickens and Thomas Hardy Popular Culture Blog:eelish.blogspot.com		

+ Left in Feb 28, 2016

*BOTH HAVE LEFT IN AUG, 2016

** BOTH HAVE JOINED IN SEPT, 2016

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
The list of Visiting faculty is as follow :

- **Prof. Shravan Kumar (Gurukul Kangri University)**
- **Prof. SudhaRai (University of Rajasthan)**
- **Prof. Harish Trivedi (University of Delhi)**
- **Prof. Moti Lal Raina (Panjab University)**
- **Prof. P.K. Dutta (Univeristy of Delhi)**
- **Prof. Sumanyu Sathpathy(Univeristy of Delhi)**
- **Dr. Subarno Chatterjee (Univeristy of Delhi)**
- **Prof. Anil Raina (Panjab University)**
- **Prof. Ved Ghai (University of Jammu)**
- **Prof. Posh Charak (University of Jammu)**
- **Prof. RajniPalriwala (University of Delhi)**
- **Prof. TejnathDhar (University of Kashmir)**
- **Prof. Sucheta Pathania (University of Jammu)**
- **Prof. Ashok Mahapatra (University of Sambalpur)**
- **Prof. Satnam Kour(University of Jammu)**
- **Dr. Monica Sethi(University of Jammu)**
- **Dr. Sadaf Shah (University of Jammu)**
- **Dr. Garima Gupta (University of Jammu)**
- **Dr. Vandana Sharma (SMVD University)**
- **Prof. Md. Aslam (Central University of Kashmir)**
- **Dr. Roshan Lal (Central University of Himachal Pradesh)**
- **Prof. Neerja Mattoo (University of Kashmir)**
- **Prof. Badri Raina (University of Delhi)**
- **Prof. K.B. Razdan (Retd. University of Jammu)**

13. Percentage of classes taken by temporary faculty – programme-wise information(2014-2015)
Dr. Kiran Kalra 20 hours per week (Masters 8 hours, M. Phil. 12 hours)
Dr. Jeet Singh (Master 10 hours, Presentation 3 hours, Remedial 3 hours) (2016-17)
Ms Harpreet Kaur 15 hours per week.
Dr. Aditya Noor (Master 10 hours, Presentation 3 hours, Remedial 3 hours) (2016-17)

14. Programme-wise Student Teacher Ratio

- **MASTERS PROGRAMME (2014-15) : 51+30(ID)/6=13.5 : 1**
- **INTEGRATED M.PHIL-PhD (2011-15): 16/3=15.33 : 1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Post	Nature	Sanctioned	Filled	Actual
Lower Division Clerk	Administrative	01		01 (the clerk is shared by two departments English, MCNM)

16. Research thrust areas as recognized by major funding agencies
- **Folklore and Folkloristic Studies**
- **Translation and Local Culture Archiving Studies**
- **Conflict and Cultural Representation Studies**
- **Women/Gender Studies**
- **Language Studies**
- **Cultural Studies**
- **Film, Media and Popular Culture Studies**
- **Comparative and New Literature**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project wise.

Dr. M.A.A. Farooq submitted a project proposal to CUJ on Endangered Languages in Jammu region.

Other members of faculty of the Department are working towards submission of project proposals.

a) National collaboration

- The Department is collaborating with the two Central Universities: Himachal and Kashmir, under Memorandum of Understanding with MA postgraduate courses
- Proposed research project on area of local interest such as endangered local languages, folk cultures, folk theatre and so forth. In this connection Dr. M. A. A. Farooq submitted a project on "Study of Endangered Non-Scheduled Languages in Jammu: Causes and Remedy for Revival"
- It is proposed to have a common courses in the curriculum cutting across the 3 universities to avail of the Credit Transfer System.
- The Department is looking for projects to be funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.

b) International collaboration

- A book-project has been proposed on the Great War of 1914 and its cultural reverberations to be published by Amsterdam University Press.

18. Inter Institutional Collobrative projects and associated grants received **NA**

19. Departmental Projects funded by DST - FIST : UGC - SAP / CAS, DPE, AICTE **NA**

20. Research facility / centre with **NA**
- **state recognition**
- **national recognition**
- **international recognition**

21. Special research laboratories sponsored by / created by industry or corporate bodies **NA**

22. Publications:
Prof. Deepsheekha Kotwal
Refer to Annuexure-O

Prof. Nandini Bhattacharya

- An essay entitled "Revisiting Snehalata: the Arrival and Gendering of the novel Genre in Colonial Bengal" published in the Commemorative Volume of *Jadavpur Journal of Comparative Literature* celebrating its 50th year in August 2014.
- An essay entitled "GandhirAnubad/Anubader*" Gandhi* was published by the journal *Alochonachakra* in October 2014."
- An essay entitled *The* "Reading Autobiographies/Autobiography and its Readers" has been published in August 2014 by Ravenshaw Journal of *Literary And Cultural Studies (RJLCS*)
- An essay entitled "The Primer in Colonial Bengal" has been accepted in M. Shridhar and Sunita Mishra edited book published by Routledge Publishers, India (forthcoming in 2016)
- A volume of critical essays, edited, introduced and contributed by Nandini Bhattacharya entitled *Rabindranath Tagore's Gora: A Critical Companion* has been published by Primus India in January 2015.
- "Revisiting the Great War of 1914: A Biopolitical Reading." Journal of Contemporary Thought. Volume 40 (Winters), 2014.
- "Biopolitics: An Indian Intervention." *Science, Technology, Culture* Seminar Volume. Durgapur NHIT, August 2015
- "Abala-Nirbhaya- Being Woman In Language." *Translation Today* (Central Institute of Indian Languages). Forthcoming issue (July 2016).
- An English translation of a Bengali fairy tale *The Annotated Kankabati* (by Trailokyanath Mukhopadhaya) will be published by Primus India in January 2016.
- "Humiliation and Pride: Indentured Labour In South Africa and national Identity A Cultural Revisitation accepted for publication in *Illuminati: In Diaspora*. (In print)

Dr. Neena Gupta Vij

- A paper entitled *"The Wall in Such a Long Journey*" has been published in ***Contemporary Indian Writers: Concepts and Contexts.*** **Edited by Nazneen Khan and Shiv GovindPuri. New Delhi: Authorspress, 2015. Print.**
- An essay, "The Concept of Self in Buddhism and Anglo-American Literature: a Comparative Study" has been published in *The Ocean of Buddhist Wisdom.* **New Delhi: New Bhartiya Book Corporation, 2015.**
- Nadine Gordimer's *The Pickup*: Cosmopolitan Answer to the Immigrant Question" accepted for publication in *Illuminati: In Diaspora*. (In print)

Dr. M. A. Afzal Farooq

- A paper entitled "Mamoni Raisom Goswami's *Offsring*: A Study in Casteism, Patriarchy and Reform" has been accepted for publication in the *Journal of Humanities and Social Sciences* (ISSN: 2319-9970)
- "Marginality in Taslima Nasrin's Novels: A Reflection of the Seamy Side of the Society." *Journal of Contemporary (Peer Reviewd) Research. Vol. 02, Issue 01, 2014.*
- "Study of Women's Psychology and Enigma of Chastity in Nirupama Borgohain's *The Chaste Woman*." *Journal of Contemporary Research* (Peer Reviewed). Vol:03, Issue: 01, 2015.

Mr. Raj Thakur

- "De-fetishizing Boundary/Nation: Cricket and South Asian Diaspora." accepted for publication in *Illuminati: In Diaspora*. (In print)
- Chapter entitled, "Cultural Economy of Leisure and IPL" in a book, *Cultural Studies in India*. Edited by Rana Nayar, Pushpinder Syal and Akshaya Kumar. Routledge, India. 2016.

Mr. Raj Gaurav Verma

- "Wives and Widows in the fiction of JhumpaLahiri: A Comparative Study of *The Namesake* and *The Lowland"*in *Contemporary Indian Women Writers: Concepts and Contexts.* Edited by Nazneen Khan and Shiv Govind Puri. New Delhi: Authorspress, 2015. Print.

Dr. Kiran Kalra

- **"**Feminine Identity in Diaspora: A Case Study of M. G. Vassanji's Female Characters. *New Academia.* Vol. IV Issue III. July 2015.
- "Multiculturalism and Diaspora: A Case Study of M. G. Vassanji's *No New Land.*" accepted for publication in *Illuminati: In Diaspora*. (In print).

Ms Harpreet Kour

- "Bharati Mukherjee's *Wife:* Clash between Dreams and Reality." *Multiple Perspectives on Indian/Punjabi Diaspora*. Identities, Locations and Intersections. Eds. Manjit Inder Singh and Joga Singh. 2014.
- "Mute Cry in Society: A Comparative Study of Oppressed Girlhood in the select works of Alice Walker and Bama." *New Man International Journal of Multidisciplinary Studies.* Ed. Kalyan Gangarde. Published by New Man Publication. Volume 1, Issue 10. October, 2014.
- "Upholding the image of Indian Women: A Comparative Study of Sri Aurobindo and Toru Dutt's "Savitri." *Indian Poetry in English: Critical Responses.* Ed. Sadhana Agrawal, Grishma Khobragade. 2015.
- "Viewing Women through Song and Dance: The Politics of Desire and Gaze in *Khalnayak's "*CholikePeeche." *Chronicle of Humanities and Cultural Studies.* Vol.1 No.3. October-November 2015.
- Published paper titled "A Room of One's Own: Shashi Deshpande's *That Long Silence* in book titled *Indian Women's Literature*: A Montage of Leitmotive. Ed. Adi Ramesh Babu. New Delhi: Manglam Publishers, 2015. Book awaited.
- "Unhousement to Enhousement: A Study of Bharati Mukherjee's Wife and Jasmine" accepted for publication in Illuminati: In Diaspora. (In print).

Dr. Jeet Singh

Singh, Jeet. (2014): Temporality of Narrative in *One Hundred Years of Solitude (1967.* India: Pritam Publishing House Patyale)

- Singh, Ravinder, Singh, Jeet. (2016): Study of Time in Gabriel Garcia Marquez's *Love in the Time of Cholera* (1985). Online Journal: *Daath Voyage: INTERNATIONAL JOURNAL OF MULTIFACETED AND MULTILINGUAL STUDIES.* http://ijmms.in/sites/ijms/index.php/ijmms

- Singh, Jeet. (2016): The Study of Narrative 'Mood' in Garcia Marquez's *The Autumn of the Patriarch*(1975). Online Journal: Journal: *An International Journal of Interdisciplinary Studies in English*. http://www.daathvoyagejournal.com/

- Singh, Ravinder, Singh, Jeet. (2016): *The Study of 'Distance' And 'Perspective' (Mood) In Garcia's Love In The Time Of Cholera (1985)"*. Online Journal: *Journal Of International Academic Research For Multidisciplinary* . *Http://Jiarm.Com/*

Dr. Atiya Noor

- "The Cinematic Potential in the Fiction of Thomas Hardy: A Kaleidoscopic Study".Pg.No 1-8. Researcher A Multi- disciplinary Journal. University of Jammu. Vol. VI No. 1,2013. (ISSN 2278-9022)
- "The Cinematic Imagination in the Novels of Charles Dickens". Melus –Melow Journal. Pg. 147-153. In a Wired World: Literature in the Age of Information Technology. Vol.4, 2014. (ISSN 2249-4839)
- " Sweet Nargis" (Short Story).The Criterion An International Journal.Pg.no 365

23. Details of patents and income generated **NIL**

24. Areas of consultancy and income generated **NIL**

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad **NA**

26. Faculty serving in a)National committees b) International committees c) Editorial Boards d) any other (please specify)
Prof. Deepsheekha Kotwal is a Member of State Social Welfare Board of Jammu & Kashmir. She is the Editor of the Newsletter published by Central University of Jammu "Campus Update" & State Social Welfare Board " Looking Beyond" and on the editorial board of the Jammu Club newsletter.

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- **Prof. Deepsheekha Kotwal is a Resource person for Orientation Courses and Refresher Courses conducted by outside universities including Jammu University.She has conducted workshop for various institutions.**
- **Dr. Neena Gupta Vij and Dr. M.A.A. Farooq attended orientation courses in 2014 & 2016 respectively.**

28. Student projects
The students of Department of English can work on projects with publishers, translators and media houses. The intermediate courses that will enable students to undertake such projects have been proposed.

29. Awards / recognitions received at the national and international level by
a. Faculty
b. Doctoral / post doctoral fellows
c. Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

- **Extension Activity; Seminars, Conferences; Outreach Programmes**

➢ **The Department of English,** Central University of Jammu organized a Workshop on ***Comparative Literature*** from October 9th to10th, 2012.

➢ **The Department of English,** Central University of Jammu organized a debate competition to celebrate **International Women's Day** on the topic:***"Women and Media: Representation or Misrepresentation"*** on 20th March, 2014.

➢ **The Department of English,** Central University of Jammu organized Extension Lectures by Prof. Chandra Mohan from 25th to 28th March, 2014 on following topics:
-Postcolonialism-Diaspora-Postmodernism

➢ **Department of English**, Central University of Jammu organized a "**LIT WIT Quiz**" on 21st July, 2014 to inaugurate the session 2014-2015. Students of MA and Research Scholars participated in the quiz.

➢ **The Department of English,** Central University of Jammu organized an Extension Lecture by Sunayani Bhattacharya (Doctoral Fellow University of Oregon, Eugene, USA). Researchon "Race and Caste" on 6th August, 2014.

➢ **Department of English, Central University of Jammu organized its first National Seminar** on ***The Great War of 1914-Hundred Years and Beyond: Cultural and Literary Responses*** on 3rd& 4th September, 2014. Papers presented in the seminar critically looked into the literature during the time of the Great War and various responses to it.

➢ **The Department of English** organized a seminar on "***Postmodernism***" to inaugurate the new session 2014-2015 of Integrated M.Phil./Ph.D. Programme on 09/09/2014.

➢ **Department of English,** Central University of Jammu organized a seminar on **"*Postcolonialism***" for Integrated M.Phil./Ph.D. Programme on 13/10/2014.

➢ **Department of English**, Central University of Jammu organized a National Seminar on the topic **"Dowry Murders: Gender Prejudiced Practices in India Today"** on 28thOctober ,2014.

➢ **Department of English**, Central University of Jammu on Extension Lectures by Prof. Chandra Mohan from 28 th October to 30 th October, 2014.

➢ **Department of English**, Central University of Jammu organized "*ILLUMINATI MEET."* The dept. of English has formed a literary group called *Illuminati*. *Illuminati* which will branch out into a young literary scholars association and a literary journal issued by the dept. of English. It shall be organizing talks, discussions and seminars. The first literary meet of *Illuminati* was held on 2nd December, 2014, on the topic, *Affective Communities: Operations of Affect in South Asia today*.

- **The Department of English**, Central University of Jammu organised a one-day National Seminar on **In Translation: Issues and Contexts** on 21st January, 2015. The Seminar deliberated upon the issues and contexts in translation with reference to nationalism, culture, linguistics and texts.
- **Extension Lecture: Prof. Sumanyu Sathpathy,** Head, Department of English, University of Delhi, was invited to deliver a lecture on **"Translating Nonsense: Issues and Contexts"** on 20th January, 2015**.**
- **The Department of English**, Central University of Jammu organised a one-day National Seminar on **In Gender: Issues and Contexts** on 20thApril, 2015.
- **Extension Lecture: Prof Rajni Palariwala,** from the Department of Sociology, Delhi School of Economics, University of Delhi, delivered a lecture **on "Marriage and Co-habitation in South Asia,"** on 20th April.
- **The Department of English**, Central University of Jammu organised a one-day Regional Seminar on **Bahishkrit Bharat** on 13th April, 2015. The Seminar deliberated upon the life, works and contribution of BabasahibAmbedkar.
- **Extension Lecture: Prof. Tejnath Dhar,** Department of English, University of Kashmir, delivered a lecture on**, "Reading,"** on 6th August, 2015**.**
- **The Department of English**, Central University of Jammu organized a screening of ShashiTharoor at Oxford Union on 1st September, 2015.
- **Extension Lecture: Prof. Ashok Mahapatra,** Department of English, University of Sambalpur, delivered a lecture on**, "Intertextuality: Revisiting a Passage to India"** on 17th October, 2015**.**
- **Extension Lectures: Dr. Roshan Lal, Head,** Department of English, Central University of Himachal Pradesh deliberated upon **"Theory: In Contemporary Times"**on 28th October, 2015.
- **Prof. Md. Aslam, Head**, Department of English, Central University of Kashmir spoke at length on **"Linguistics: Language and Communication"** on 28th October, 2015.
- **An Extension Lecture** was delivered by **Prof. Anil Raina**, Department of English and Cultural Studies, Panjab University on "Research Methodology," on 17th August, 2016.
- **Extension Lecture:** Prof. Neerja Mattoo**,** Department of English delivered a lecture on**, "**Translation: Theory & Practice in the context of Kashmiri Writing**,"** on 23rd Nov, 2016
- **Extension Lecture: Prof. Tejnath Dhar,** Department of English, University of Kashmir, delivered a lecture on**, "**Post Colonial Writing**,"** on 16 January, 2017

31 Code of ethics for research followed by the departments

Research should be:

- **Original**
- **In new and emerging areas**
- **Socially inclusive and relevant**
- **Without plagiarism**

32. Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass %	
		Male	Female	Male	Female
ENGLISH 2011-13	194 901	0	04		100
ENGLISH 2012-14		01	07	100	100
ENGLISH 2014-15		01	21	100	100
ENGLISH 2015-16		03	25	NA	NA
ENGLISH 2015-17	**614/1000**	1	28	NA	NA
Integrated M. Phil-Ph.D 2012		01	04		
Integrated M. Phil-Ph.D 2013		01	05		
Integrated M. Phil-Ph.D 2014-15		02	03		
Integrated M. Phil-Ph.D 2015-16	133	0	05		

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same University	% of students from other Universities within the State	% of students from Universities outside the State	% of students from other countries
M.A	**N.A**	**97.34**	**2.66**	**NA**
M.Phil-Ph. D.	**17.64**	**76.47**	**5.88**	**NA**

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.

Programme	NET JRF/SLET	CATAGORY
MA 2011-12	01- SET	ST
Integrated M.Phil-Ph.D 2014	01 NET	GEN
Integrated M.Phil-Ph.D 2015	01 NET JRF	ST

35. Student progression

Student progression	**Percentage against enrolled**
UG to PG	NA
PG to M.Phil.	**2013-14: 25%** **2014-15: 12.5%**
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	N.A. 3 Scholars completed M.Phill and got employment in State education department
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	00
from other universities within the State	04
from other state Univ. from	04

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period :
01 Ph.D. (Dr. Neena Gupta Vij)
02 Ph.D Thesis submitted Mr. Raj Thakur

38. Present details of departmental infrastructural facilities with regard to

a. Library : UNIVERSITY LIBRARY

b. Internet facilities for staff and students COMPUTER LAB AND WI-FI

c. Total No. of class rooms 3

d. Class rooms with ICT facility : NIL

e. Students' laboratories : NA

f. Research laboratories : NA

g. Books : 220 (2015-16)

39. List of doctoral, post-doctoral students and Research Associates

- from the host institution/university : Nil
- from other institutions/universities : Nil

40. Number of post graduate students getting financial assistance from the university. NIL

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

- Review of the curriculum is undertaken in every semester with the help expert nominated to the Board of Studies and the School Board.
- Proposal for a language lab for the students of the department and allied departments is on the anvil.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- Yes, By incorporating the feedback into curriculum and teaching pedagogy.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Yes, By incorporating the feedback into curriculum and teaching and evaluation strategy.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

- The Department maintains alumni record through IQAC and in the department.

43. List the distinguished alumni of the department (maximum 10)
Sonam Angmo has been appointed in College as Assistant Professor, Govt. of J&K
Anuradha has been appointed in Higher Education, Govt. of J&K
Nirmal Kumari has been appointed in Higher Education, Govt. of J&K
Parul, Vanshika, Anuradha, Anu Sharma, Manu Sharma, Muddasir Iqbal.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Refer to Annexure "O"

45. List the teaching methods adopted by the faculty for different programmes.
- Lectures
- Seminars
- Presentations
- Tests
- Discussions
- Visual-media
- Debates
- Quizes
- Art: painting, writing, drama

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
- Seminars, presentations in classrooms, constant internal assessment and two sets of tests are conducted to appraise the programme objectives and learning outcomes.

- There is a regular supervision and there is a thorough de-briefing after each event.

- There are discussions (thrice a week) to review and revise the process of teaching-learning

47. Highlight the participation of students and faculty in extension activities.
- There is 100% participation of student, scholars and faculty in all activities planned beyond the curriculum.

Extension Activity; Seminars, Conferences; Outreach Programmes
- The Department of English, Central University of Jammu organized a Workshop on Comparative Literaturesfrom October 9th to10th, 2012.

- The Department of English, Central University of Jammu organized a debate competition to celebrate International Women's Day on the topic :"Women and Media: Representation or Misrepresentation" on 20th March, 2014.

- The Department of English, Central University of Jammu organized Extension Lectures by Prof. Chandra Mohan from 25th to 28th March, 2014.

- The Department of English, Central University of Jammu organized Students' Picnic on 25th April, 2014.

- Department of English, Central University of Jammu organized a "LIT WIT Quiz" on 21st July, 2014 to inaugurate the session 2014-2015. Students of MA and Research Scholars participated in the quiz.

- The Department of English, Central University of Jammu organized Extension Lectures by Sunayani Bhattacharya on "Race and Caste" on 6 th August, 2014.

- Department of English, Central University of Jammu organized its first National Seminar on The Great War of 1914-Hundred Years and Beyond: Cultural and Literary Responses on 3rd& 4th September, 2014. Papers presented in the seminar critically looked into the literature during the time of the Great War. Some of the major issues to be discussed in the seminar are Gendered responses, Wounded Masculinities, Virile Femininities, Time, Memory, Consciousness and the Great War, Historiography, Life Narratives, Dissent and Propaganda: Anti-war narratives, Poetry of the Great War, The Ethics of Violence/the Ideologies of ahimsa, Technology and War, Biopolitics, Medicine, Disease, Confinement, War and the Visual Media. Popular Cultures and the War, Problematics of the Nation; Spatial Politics-Border Poetics, Indian Responses: Cultural Translations.

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The focal areas of the meet were as follows:

- Gender discrimination in contemporary India; Marriage and Indian modernity, Talaq and Islam today; Cinema as affect; L.G.B.T. Communities, Sexual Violence; Women in public places Khaps in India; Honour killings in North India with special reference to Jammu;Love Jihad.

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- Extension Lecture: Prof. Rajni Palariwala, from the Department of Sociology, University of Delhi, delivered a lecture on "Marriage and Co-habitation in South Asia," on 20th April.

- The Department of English, Central University of Jammu organised a one-day Regional Seminar on Bahishkrit Bharat on 13th April, 2015. The Seminar deliberated upon the life, works and contribution of Babasahib Ambedkar.

- Extension Lecture: Prof. Dhar, Department of English, University of Kashmir, delivered a lecture on, "Reading," on 16th August, 2015.

- Extension Lecture: Prof. Ashok Mahapatra, Department of English, University of Sambalpur, delivered a lecture on, "Intertextuality: Revisiting a Passage to India" on 17th October, 2015.

- Extension Lectures: Dr. Roshan Lal, Head, Department of English, Central University of Himachal Pradesh deliberated upon "Theory: In Contemporary Times"

- Prof. Md. Aslam, Head, Department of English, Central University of Kashmir spoke at length on "Linguistics: Language and Communication" on 28th October, 2015.

- Educational tour to Patnitop: "Romanticism: Unearthing the Mindscape through the Landscape," was taken on 18th November, 2015.

- Literary interactions : Prof. Neerja Mattoo interacted with Scholars and Students of the Department and spoke extensively on the significance of literature in enhancing life skills on 15th December 2015.

48. Give details of "beyond syllabus scholarly activities" of the Department.

Extension Activity; Seminars, Conferences; Outreach Programmes.

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- Department of English, Central University of Jammu organized its first National Seminar on The Great War of 1914-Hundred Years and Beyond: Cultural and Literary Responses on 3rd& 4th September, 2014.
- Papers presented in the seminar critically looked into the literature during the time of the Great War. Some of the major issues to be discussed in the seminar are Gendered responses, Wounded Masculinities, Virile Femininities, Time, Memory, Consciousness and the Great War, Historiography, Life Narratives, Dissent and Propaganda: Anti-war narratives, Poetry of the Great War, The Ethics of Violence/the Ideologies of ahimsa, Technology and War, Biopolitics, Medicine, Disease, Confinement, War and the Visual Media. Popular Cultures and the War, Problematics of the Nation; Spatial Politics-Border Poetics, Indian Responses: Cultural Translations.
- The Department of English organized a seminar on "Postmodernism" to inaugurate the new session 2014-2015 of Integrated M.Phil./Ph.D. Programme on 09/09/2014.
- Department of English, Central University of Jammu organized a seminar on "Postcolonialism" for Integrated M.Phil./Ph.D. Programme on 13/10/2014.
- Department of English, Central University of Jammu organized a National Seminar on the topic "Dowry Murders: Gender Prejudiced Practices in India Today" on 28thOctober ,2014.
- Department of English, Central University of Jammu on Extension Lectures by Prof. Chandra Mohan from 28 th October to 30 th October, 2014.
- Department of English, Central University of Jammu organized "ILLUMINATI MEET." The Department of English has formed a literary group called Illuminati. Illuminati will branch out into a young literary scholars association and a literary journal issued by the dept. of English. It shall be organizing talks, discussions and seminars. The first literary meet of Illuminati was held on 2nd December, 2014, on the topic, Affective Communities: Operations of Affect in South Asia today. It saw participation from the scholars of the dept. of English and a few faculty members. The second Illuminati meet was held on 9th December, 2014 with the continuation of the same topic, but on the issues that were not discussed in the previous meet. The discussion was open to all the students, scholars and faculty members of Central University of Jammu.

The focal areas of the meet were as follows:

- Gender discrimination in contemporary India; Marriage and Indian modernity, Talaq and Islam today; Cinema as affect;L.G.B.T. Communities, Sexual Violence; Women in public placesKhaps in India; Honour killings in North India with special reference to Jammu;Love Jihad.
- The Department of English, Central University of Jammu organised a one-day National Seminar on In Translation: Issues and Contexts on 21st January, 2015. The Seminar deliberated upon the issues and contexts in translation with reference to nationalism, culture, linguistics and texts.

- Extension Lecture: Prof. SumanyuSathpathy, Head, Department of English, University of Delhi, was invited to deliver a lecture on "Translating Nonsense: Issues and Contexts" on 20th January, 2015.
- The Department of English, Central University of Jammu organised a one-day National Seminar on In Gender: Issues and Contexts on 20thApril, 2015. The Seminar deliberated upon the issues and contexts related to gender, such as, Logocentrism and its effect on gender relations; celibacy; and Marriage in South Asia.
- Extension Lecture: Prof. Rajni Palariwala, from the Department of Sociology, University of Delhi, delivered alecture on "Marriage and Co-habitation in South Asia," on 20th April 2015.
- The Department of English, Central University of Jammu organised a one-day Regional Seminar on Bahishkrit Bharat on 14th April, 2015. The Seminar deliberated upon the life, works and contribution of Baba Sahib Ambedkar.
- Extension Lecture: Prof. Tej Nath Dhar, Department of English, University of Kashmir, delivered a lecture on,"Reading," on 16th August, 2015.
- Extension Lecture: Prof. Ashok Mahapatra, Department of English, University of Sambalpur, delivered a lecture on, "Intertextuality: Revisiting a Passage to India" on 17th October, 2015.
- Extension Lectures: Dr. Roshan Lal, Head, Department of English, Central University of Himachal Pradesh deliberated upon "Theory: In Contemporary Times"
- Prof. Md. Aslam, Head, Department of English, Central University of Kashmir spoke at length on "Linguistics: Language and Communication" on 28th October, 2015.
- Educational tour to Patnitop: "Romanticism: Unearthing the Mindscape through the Landscape," was taken on 18th November, 2015.

  Literary Interactions A). Prof. Neerja Mattoo interacted with Scholars and Students of the Department and spoke extensively on the significance of literature in enhancing life skills on 15 December 2015 B). Prof. Badri Raina, former Professor of English, University of Delhi delivered a lecture on the topic "Politics of Language and Genre : Revisiting Mikhail Bakhtin", on 14th January 2016.

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details:
NA

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

Contributions of the Department in generating new Knowledge:

- The course for M.A English and Comparative Literature is designed to trace the origin and development of Literature in English, Language and Literary Theory across ages, regions and cultures and impart essential knowledge of literary forms, movements and trends.
- The students are also familiarized with the fundamentals of inter-disciplinary subjects such as tribal, cultural, historical and anthropological studies.
- The graduates of this course would be trained for careers in English, Comparative Literature and Cultural Studies as well as careers in creative writing, journalism, translation, art criticism, publishing, script writing.
- The students and scholars would be equipped for higher specialization in the above areas. They would also be sensitized towards gender, conflict management, and human rights issues.
- The Department offers a two year Masters Degree Programme in English and Comparative Literature.
- Choice Based Comprehensive Credit System has been implemented for the Inter- disciplinary courses. The total number of credits the students have to earn is 80.

- The Department has undertaken a project to have a book on Diaspora which has received contributions of write-ups from India and abroad. The Department has also undertaken to have a joint project on Translation of short stories, based on Dowry Practice in India from various regions, with the Departments of English in Central University of Kashmir and Central University of Himachal Pradesh.
- The Department has proposed for establishing a Centre for Gender Studies.
- The Department also seeks to sign an MoU with Centre for Language Studies, University of Hyderabad for establishing a Language Lab.
- The Department is working to form a digitized archive of marriage ceremoniesand marital photographs to generate archival material for culture studies.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

SWOC Analysis

Strengths

1. A comprehensive syllabus for MA and integrated M.Phil-Ph.D.
2. Young faculty representing different parts of the country.
3. A growing library
4. New projects are underway such as Centres for Women Studies, Translation Studies, Cultural Studies.
5. The commitment and fortitude of faculty members.
6. Scholars actively attend seminars, present papers and participate in in-house discussion forum.

Weaknesses

1. Infrastructure doesn't allow for regular 'other than syllabus activity.'
2. Library needs to be supplemented with print and e-journals.

Opportunities

1. Research in areas such as translation studies and war studies.
2. Part-time Ph. D. programme.
3. Courses (short/long) in Publishing and Film Studies.
4. Creating centres of excellence in the field of Comparative Literature.
5. Producing world class publications.

Challenges

1. Infrastructure.
2. Keeping pace with major academic and research trends.
3. Ensuring a high level of competence in the students/scholars graduating from the department.
4. Ensuring employability of the graduates.
5. Making the Department an epitome of research.

52. Future plans of the Department.

- To make academic teaching commensurate with the challenges of the outside world.
- To create academia-industry, civil society interface.
- The Department aspires to be a center of excellence in Comparative Literature and Cultural Studies. It also aims to become a nodal centre for local/ regional research in the areas of :

- Endangered Languages
- Folklore and Folkloristic Studies
- Translation and Local Culture Archiving Studies
- Conflict and Cultural Representation Studies
- Women/Gender Studies
- Language Studies
- Film, Media and Popular Culture Studies
- Comparative and New Literature

- The Department is poised towards the establishing of a Centre for Translation and Culture Studies.
- The Centre would facilitate a dialogue of the Indian *bhashas* with the languages of Jammu region.
- The Centre would work towards translating Modern Indian Classics.
- Translate into English narratives (printed and in the oral domain), stories and songs in Dogri, Gojri, Kashmiri.

EVALUATIVE REPORT OF DEPARTMENT

HINDI AND OTHER INDIAN LANGUAGES

1. Name of the Department : **Department of Hindi and Other Indian Languages**

2. Year of Establishment : **2015**

3. Is the Department part of a School/Faculty of the university?
Yes, School of Languages

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) :
Following programmes are being offered by the department:

S. No.	Programme	Duration	Nature	Intake
1.	PG - MA (Hindi)	04 Semesters	Fulltime	30

5. Interdisciplinary programmes and departments involved:
University wide elective courses were offered by the department to other department till session 2015-16. List of programmes are furnished as follows:

Course Code	Programme	Semester	Department
PGHNDIE001T	Essays and Other Forms of Prose	**1st Semester**	
PGHND3IDC001T	Introduction of Hindi Literature	**3rd Semester**	
PGHND4IDC001T	Modern Hindi Literature	**4th Semester**	

From the session 2015 Choice Based Credit System has been adopted. The Course Structure notified for First Semester is as follows:

Course Code	Course Title	Semester	Department
PGHND1C00IT	**History of Hindi Literature**	**1st Semester**	
PGHND1C002T	**Ancient and Medievel Hindi**	**1st Semester**	
PGHND1C003T	**Hindi Stories**	**1st Semester**	
PGHND1E00IT	**Hindi Essay and other prose form**	**1st Semester**	
PGHND1F00IT	**Translation Theory and Practice**		

6. Courses in collaboration with other universities, industries, foreign institutions, etc. :
NIL

7. Details of programmes discontinued, if any, with reasons:
NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Semester/Choice Based Credit System:

S. No.	Course Title	Semester	Department Involved
1.	Environmental Policies Law & Ethics	4th Semester	Department of Environmental Sc.

9. Participation of the department in the courses offered by other departments

University wide elective courses will be opted by the students of MA (Hindi) offered by other departments.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	01	01(contractual faculty)	NA
Associate Professors	02	00	NA
Assistant Professors	04	04	NA

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No.of Years of Experience	No. of Ph.D. students guided
Prof. Govind Singh	MA, M.Phil, Ph.D	Professor & Head (I/C)	Hindi, Media Functional Hindi	35 years	5 (on going)
Prof. P. N. Trisal (Till 2016)	MA (Hindi), PhD	Professor	Linguistics	53 vears	NIL

Refer to Annexure-N

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Ratan Lal Shant, Jammu
Maharaj Kirshna Santosi, Jammu
Chatarpal, Jammu.
Reeta Jitendra, Jammu

13. Percentage of classes taken by temporary faculty – programme-wise information
Since the programme has commenced recently the contractual experience faculty is taking classes therefore 100%

14. Programme-wise Student Teacher Ratio
MA Hindi- 5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.
Sanctioned: 01(administrative staff)
Filled: 01 (LDC common for two departments)

16. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad
NIL

17. Faculty serving in
a) National committees: **NIL**
b) International committees : **NIL**
c) Editorial Boards:
Prof. P. N. Trisal – Chief Editor in Shudh Vidya Journal
Dr. Vandana Sharma, Editorial Board Member, Uttarvahini, Central University of Jammu
Dr. Ratnesh Kumar Yadav, Editorial Board Member, Uttarvahini, Central University of Jammu
d) any other (please specify) :
NIL

18. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
Faculty is encouraged to participate in various Seminars/Workshops/FDP's/ Orientation Programmes). Besides university is also providing financial assistance upto Rs. 3 Lakhs for undertaking minor research projects.

19. Research thrust areas as recognized by major funding agencies:
Modern Poetry
Linguistics

20. Number of faculty with ongoing projects from
Give the names of the funding agencies, project title and grants received project-wise.
a) National: **NIL**
b) International funding agencies: **NIL**

c) Total grants received: **NIL**

21. Inter-institutional collaborative projects and associated grants received
a) National collaboration: **NIL**
b) International collaboration: **NIL**

22. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
Refer to Annexure "N"

23. Research facility / centre with
state recognition - **NIL**
national recognition - **NIL**
international recognition - **NIL**

24. Special research laboratories sponsored by / created by industry or corporate bodies
NIL

25. Publications: **Refer to Annexure "N"**

26. Details of patents and income generated:
NIL

27. Areas of consultancy and income generated
Area of consultancy: **NIL**
Income Generated: **NIL**

28. Student projects percentage of students who have done in-house projects including inter-departmental projects : **NIL**

percentage of students doing projects in collaboration with other universities industry / institute : **NIL**

29. Awards / recognitions received at the national and international level by Faculty/Doctoral / post doctoral fellows /Students : **02 (faculty)**

30. Seminars/ Conferences/Workshops organized and the source of funding (National /International) with details of outstanding participants, if any.

S.No.	Event Name	Date	Funding Agency
1.	Hindi Diwas	September 14, 2015	Central University of Jammu
2.	National Seminar on Applied Hindi	September 19-20, 2015	Central University of Jammu
3.	Hindi Diwas	September 30 2016	Central University of Jammu

Events Organised

31. Code of ethics for research followed by the departments
Anti plagiarism policy of university is strictly followed by the department.

32. Student profile programme-wise:

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
MA (Hindi) 2015-17	12	02	08	NA	NA
MA (Hindi) 2016-18	29	02	27	NA	NA

33. Diversity of students

Name of the Programme	% of students from the same university	%of students from other universities within the state	%of students from other universities outside the state	% of students from other countries
M.A (Hindi)2015-17	0	100%	0	0
M.A (Hindi)2016-18	0	100%	0	0

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.
NIL

35. Student progression

Student progression	Percentage against enrolled
UG to PG	**NIL**
PG to M.Phil.	**NIL**
PG to Ph.D.	**NIL**
Ph.D. to Post-Doctoral	**NIL**
Employed	
• Campus selection	NIL
• Other than campus recruitment	NIL
• Entrepreneurs	02

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	NIL
from other universities within the State	01
from universities from other states	05
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Dr. Ratnesh Kumar Yadav awarded Ph.D. on 05.11.2016

38. Present details of departmental infrastructural facilities with regard to

a) Library: Department uses the facilities offered by the common library of the university.

b) Internet facilities for staff and students: Common facilities are provided by the University such as WiFi, Central Library and others.

c) Total number of class rooms: **01**

d) Class rooms with ICT facility: ICT as a central facility is being provided

e) Students' laboratories: **NIL**

f) Research laboratories : **NIL**

g) Books : 951 (2015-16)

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university : **NIL**

b) from other institutions/universities : **NIL**

40. Number of post graduate students getting financial assistance from the university: **NIL**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: **Yes**
Interaction with eminent academicians was undertaken and the need was analysed besides Hindi Officers from Central Government were consulted before formulating the course structure.
Subsequently, the draft was submitted to the adhoc Board of Studies of the department.

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
Yes, IQAC maintains the record of the feedback forms and accordingly evaluates the same for feedback to the respective departments

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
Yes , IQAC maintains the record of the feedback forms and accordingly evaluates the same for feedback to the respective departments. The feedback is analysed to find out strength and weakness of the curriculum, teaching-learning process etc. The report is submitted to HOD for necessary action.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?
Alumni meet is organised annually at University level to get feedback.

43. List the distinguished alumni of the department (maximum 10) : **NIL**

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. :Workshops/ Seminars/Interactive sessions

45. List the teaching methods adopted by the faculty for different programmes.
Lecture method, Tutorials, Presentations.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
By Periodic review of teaching and learning process, Pedagogical schemes and intent upgradation of syllabi through BOS & other regulatory bodies

47. Highlight the participation of students and faculty in extension activities.
Department is in the process of undertaking regular outreach activities for the benefit of the unreached section of the society besides department offers university wide skill oriented elective course.

48. Give details of "beyond syllabus scholarly activities" of the department.
Seminars/Workshops/FDP's/Conferences/Awareness Programmes/Corporate Interactions
Workshops on Translation is being organised

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
NO

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The students of MA Hindi are also familiarized with the fundamentals of inter-disiplinary subjects such as tribal, cultural, Dalit and Woman studies. The gradutes of this course would be trained for careers in Hindi, Comparative Langague and Literature and Cultural Studies as well as careers in creative writing, Hindi journalsm, translation, Literary criticism, publishing script writing.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
Ans:

Strength:
- Department has expertise of two prominent professors and four qualified young and energetic assistant professors .
- Excellent research base.

Weakness:
- Infrastructure is not up to the mark. Internet and other facilities are under up gradation.

Opportunities:
- Since J&K is an internationally focused state, so being the students of Hindi , they have advantages and opportunities for National and international exposure in the field of Translation , Transliteration and literary criticism.
- Producing world class publications.

Challenges:
- Ensuring a high level of competence in the students/scholars graduating from the department.
- Ensuring employability of the graduates.

52. Future plans of the department.
- The Department intends to offer diploma in the field Translation and functional Hindi.
- The Department has plan to offer Doctoral programs in concerned field and interdisciplinary area.

BEAUTY AND WELLNESS (COMMUNITY COLLEGE)

1. Name of the Department: **Beauty and Welness**

2. Year of establishment: **2016**

3. Is the Department part of a School/Faculty of the university?
Yes

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
Diploma

5. Interdisciplinary programmes and departments involved
Under the Choice Based Credit System scheme, many elective courses that are of interdisciplinary nature can be taken by the students from other departments.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
Yes, College is offering diploma course in beauty in collaboration with VLCC

7. Details of programmes discontinued, if any, with reasons
No programme is discontinued.

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
The department adopts Semester System with 100% implementation of Choice Based Credit System (CBCS).

9. Participation of the department in the courses offered by other departments
NIL

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Principal	01	01	01
Nodal officer	01	00	00
Faculty	00	03	03
Others	00	00	00

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

S.No	Name	Qualification	Designation	Specialization	Experience	No of Ph.D/M. Phil Students guided
1.	Prof. L.K.Verma	M.A, Ph.D	Principal	Hr. Education	35yrs	17+18=35
2.	Dr. Shahid Mushtaq	MBA, Ph.D	Nodal Officer	Management	08yrs	02
3.	Devika Mehta	B.Sc.	Faculty Member	Psychology Personal Development	02yrs	Nil
4.	Risham Masih	Hair Certification	Instructor	Hair	01yrs	Nil
5.	Rinki Chopra	Skin Certification	Instructor	Skin	03yrs	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
Not yet, the proposed list of visiting faculty members is:

Sr. No.	Name	Affiliation
1.	Ms. Anu Wadwa	Beauty & Wellness Sector Skill Council
2.	Mr. Kishore Kapoor	VLCC

13. Percentage of classes taken by temporary faculty – programme-wise information
100%

14. Programme-wise Student Teacher Ratio **15 : 1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
02

16. Research thrust areas as recognized by major funding agencies
Nil

17. Number of faculty with ongoing projects from

Nil

18. Inter-institutional collaborative projects and associated grants received
Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Nil

20. Research facility / centre with

Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies

Nil

22. Publications:

Nil

23. Details of patents and income generated

Nil, There are no patents as of now but we are in the process of establishing research laboratories through which it is hoped that we may be able to develop new cutting edge and innovative technologies which can be patented.

24. Areas of consultancy and income generated
Nil, The college does not offer any consultancy services at present. However, the college is in the process of formalizing partnerships with different research institutions and industries and engaging senior faculty in the form of Adjunct Professors/Visiting fellows and consultancy services may be started in future on assessing and mapping the needs of the area.

25. Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad
Nil

26. Faculty serving in

a) National Committee c) Editorial Board

b) International Committee d) Others **Nil**

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Nil

28. Student projects

Percentage of students who have done in -house projects including inter-departmental projects	Nil
Percentage of students doing projects in collaboration with other universities industry / institute	Nil

29. Awards / recognitions received at the national and international level by

Nil

30. Seminars/ Conferences/Workshops organized and the source of funding (national International) with details of outstanding participants, if any.

01, On workshop in collaboration with Beauty and Wellness Sector skill council and JKENVIS

31. Code of ethics for research followed by the departments

As Per BWSSC

32. Student profile programme-wise:

Name of the Programme	**Applications received**	**Selected**		**Pass Percentage**	
		Male	**Female**	**Male**	**Female**
2016-2017					
Diploma in Beauty & Wellness	50	04	26	NA	NA

33. Diversity of students : **Nil**

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.
Not Applicable

35. Student Progression
Nil

36. Diversity of Staff
Nil

37 Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period
Nil

38. Present details of departmental infrastructural facilities with regard to
Nil

39. List of doctoral, post-doctoral students and Research Associates
Nil

40. Number of post graduate students getting financial assistance from the university.
Nil

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
Nil

42. Does the department obtain feedback from

43. List the distinguished alumni of the department (maximum 10)
Nil

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Pacticals and Theoretical are delivered.

Faculty on curriculum as well as teaching - learning-evaluation? If yes, how does the department utilize the feedback?	NA
Students on staff, curriculum and teaching - learning-evaluation and how does the department utilize the feedback?	NA
Alumni and employers on the programmes offered and how does the department utilize the feedback?	NA

45. List the teaching methods adopted by the faculty for different programmes.
Feed back and Feed forword approach

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Practicals are regular practice hands on try is given..

47. Highlight the participation of students and faculty in extension activities.
Nil

48. Give details of "beyond syllabus scholarly activities" of the department.
Nil

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.
The department is in the process of the first cycle of NAAC accreditation.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
Nil

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strengths

i. Good Student teacher ratio.
ii. Labs with curricula based and along with classrooms to help students grasp basic and applied aspects of the discipline.
iii. Teaching faculty with diverse areas of specialization which contributes to comprehensive knowledge base of the students.
iv. Self-motivated and research oriented faculty members with expertise in different research areas acting as drivers for the Department's future research footprint.

Weakness

i. Lack of awareness about the programme.

Opportunities

i. Better placement options through personality development, client management and client handling classes

Challenges

i. To spread awareness and register more students for this course.

52. Future plans of the department.

i. The programme is of vocational nature and tourism provides hands on training to the students .

The Yoga Centre

Vision

1. The vision of the Centre is to develop overall personality of an individual through Yoga.

Mission

The Yoga Centre in line with the vision statement provides facility for meditation and development of spiritual quotient. It creates stress free environment which helps in development of Human Resources.

For the purpose of attaining the above aim the objectives of the centre are as follow :

1) The Centre shall always strive to stride forward and keep pace with the changing needs and spirit of the times by taking care of the health of the society.

2) The Centre shall continue to uphold its commitment to the nation in general and to the society in particular by providing professionally trained people in the field of yoga

3) The Centre shall spare no effort to continue to spread and further its academic potential by providing quality infrastructure and facility to upgrade the knowledge of the students and teachers in the field of Yoga.

Events and best practices

- The entire University has been made tobacco free through initiatives of both the teachers and administrative faculty and this has definitely created a positive impact in the department.
- The Centre had planted many plant around the department and also planted around 50 different plants around the academic block.
- One Week Yoga Camp held at main campus from 3rd to 9th October 2016.
- 3 days self efficacy programme by Yoga Centre on 8th to 10th August 2016.
- International Yoga Day celebrated at Central University of Jammu on 21st June 2016.
- Lectures on innovations on the theme of Holistic life through yoga on every Friday to the students of both the campuses.
- Yoga Fest at TAB on 29th April, 2016
- Participation in National Seminar organised by HRD, New Delhi on 18th June, 2016.

Swami Vivekananda Chair

Swami Vivekananda Chair was sanctioned to the Central University of Jammu, by Universities Grant Commission (UGC), New Delhi in March, 2015 in the Department of Public Policy and Public Administration. A total of 53 universities applied and only 5 universities were selected for this prestigious Chair. Central University of Jammu is the first among the 5 universities to make the Chair functional in the shortest possible time. The Chair has been sanctioned in the area of "Governance and Ethics" with special emphasis on the teachings of Swami Vivekananda i.e National and Social Awakening, Philosophy, Youth Development and Leadership etc. An initial grant of Rs.25 Lac as first instalment has been sanctioned for its establishment and the chair is headed by Professor Sudesh Kumar Sharma, former State Information Commissioner (J&K) Professor & Head, Department of Law and Dean, Faculty of Law, University of Jammu. His area of specialisation includes Constitutional Law, Human Rights and Jurisprudence. Professor S.K Sharma has more than 33 years of teaching and research experience in the discipline of law. During his tenure at University of Jammu he has held important administrative and academic positions. He has been associated with many universities across the country as a resource person and member of various academic bodies. Professor Sharma was awarded Fellowships by the American Study Research Centre, Hyderabad and International Institute of Human Rights, Strasbourg, France and completed 3 research projects. Professor Sharma is a prolific writer and has 3 books and large number of research papers to his credit. His book entitled "The Constitution of Jammu and Kashmir" has been widely acclaimed and acknowledged by the legal fraternity. He has delivered over 300 guest lectures in various universities and institutes at national and state level. He has contributed more than 70 papers in the international and national seminars. During his tenure (25th October,2011-31st October,2015) as State Information Commissioner, Professor Sharma adjudicated and disposed off large number of appeals/complaints filed under the Jammu & Kashmir Right to Information Act, 2009 and made unstinted efforts to establish a regime of transparency in the functioning of public authorities/administration in order to contain corruption and ensure accountability and ethics in public life.

Events Organised

A lecture on the "Life and Philosophy of Swami Vivekananda" was organised on 4th July,2016. Justice G.D Sharma, former Judge High Court of Jammu & Kashmir and Swami Earthananda from Rama Krishna Mission Jammu were the key speakers on the occasion. The lecture was attended by Faculty, Officers, Staff and Students of the university.

1. One Day workshop entitled " Relevance of the Teachings of Swami Vivekananda in Contemporary Times" held on 5th October, 2016.
2. National Seminar entitled "Swami Vivekananda's Philosophy and Good Governance: The expanding Horizons of transparency and Accountability to be held in December, 2016. Former Director General of Police (J&K) was the Chief Guest; Sh. D. K. Kapoor, Member J&K State Consumer Commission, Former District & Sessions Judge, was the Guest of Honor and Professor Ashok Aima, Vice-Chancellor, Central University of Jammu, presided over the function.
   The Seminar in addition to the inaugural session comprised of three technical sessions :
   i ***Theme:*** **Swami Vivekananda : The Archetypal Protagonist of Spiritual Renaissance.**
   ii. ***Theme :*** **Swami Vivekananda's Views on Society, Culture & civilization.**
   iii. ***Theme :*** **Governance & Ethics.**
3. Under the aegis of Swami Viviekananda Chair, a sensitization programme on the theme **"Public Participation Integrity and Eradicating Corruption"** was organised on 4th November, 2016 as a part of Vigilance Awareness week from 31st October 2016 to 5th November 2016)

Students Counselling Centre

The board mandate of SCC is to deal with the problems of the students particularly the freshers.

A. This centre also helps the students to enhance the energy of students in a constructive direction. The centre has been established with a view to provide counselling with regard to academics, career, social and psychological issues. Also, it focuses on individual counselling, group counselling, online and telephonic counselling. Besides, providing induction after admission and orientation of the students is also a major area.

B. This centre also focuses on mentoring the students.

C. Regular sessions on self awareness, self-realization social and behavioural skills is another area of focus.
Further, to develop overall personality of the students and to help them achieve their fullest potential in academic and professional areas. The committee comprises of the four faculty members. It is proposed to designate the faculty members as co-ordinators and few names are proposed as follow :
1. Dr. Ritu Bakshi, AP, Education
2. Dr. Neelika Arora, AP, HRM
3. Dr. Shahid Mushtaq, AP, SCM
4. Dr. Sheveta Yadav, AP, EVS
5. Dr. Harpreet Singh, Medical Officer
6. CMO of University
7. Wardens of Hostels
8. Mr. Pushp Sambyal for Adm. support

Also, it is proposed that the same centre shall work under the ageis of SPARSH with gender neutrality as the main objective.

ANNEXURE

Annexure A
Human Resource Management and Organizational Behaviour

Brief note on the activities undertaken by Department in collaboration with other Departments/Centres/Cells from 2012-2016

A) Workshops/Seminars/Conferences/FDP/Capacity Building Programmes organized

- HRD Congress on HRD Congress on **"Nurturing World Class Organizations' in an Emerging Global Diaspora"** from **16th -18th September, 2016.**
- Entrepreneurial Activity on **15th September 2015.**
- Capacity Building Workshop on "**Effective Managerial Skills for Registered Artisans of J&K",** w.e.f. **17th – 18th March 2016**
- National Workshop on **"Intellectual Property Rights: Intellectual Property Rights: Implementation and Enforcement"**, w.e.f.**14th-15th January 2016**
- Workshop on **"Data Analysis Using IBM SPSS Statistics 23.0"** for Research Scholars/Faculty Members of Social Sciences w.e.f. **3rd – 4th December 2015**
- Workshop on **"Statistical Analysis Using AMOS"** for Faculty Members/Research scholars, central w.e.f. **22nd - 25th May 2015**
- National workshop on **"Research Methodology"** for Ph.D students of social sciences under capacity building initiative of Indian Council of Social Science Research (ICSSR), New Delhi (India), w.e.f. **12th -21st May 2015**
- National workshop on **"Accreditation Awareness & Institutional Ranking"** under National Quality Renaissance Initiative (NQRI) of NAAC **w.e.f.** 5th – 6th January, 2015
- Workshop on **"Entrepreneurship"** organised by dept. in collaboration with Jammu and Kashmir entrepreneurship Development Institute (JKEDI), **w.e.f. 5th -11th May 2014.**
- Workshop on "**Effective Communication and Presentation Techniques" w.e.f.13th -15th October 2014**
- National Conference on **"Preparing Next Generation Leadership: A Futuristic Agenda" w.e.f. 22nd -23rd November 2013**
- National Workshop on **"Scholarly Writing and Plagiarism: Key Concerns" w.e.f. 29th–31st October 2014**
- Workshop on **"Structured Entrepreneurship Awareness Programme (e-SAP)"** for sensitization of MBA (HRM) students about the entrepreneurship, organised by dept.

in collaboration with Jammu and Kashmir entrepreneurship development institute (JKEDI), on **21st February, 2014**

- Outreach Training Programme on "**Effective Management Skills"** for women working in the **Kalamkari Centers** hailing from rural hamlet of Tanda and Janipur, Jammu w.e.f **24th -25th January 2014** in collaboration with Jammu and Kashmir state Women`s Development Corporation (JKWDC), Jammu & Kashmir, India
- Faculty Development Programme on **"Case Development & Analysis"** for Management Teachers/Research Scholars of J&K State, **w.e.f. 31st May – 1st June, 2013.**
- Workshop cum National Seminar on **"Acquisition, Nurturing and Retention of Talent-A Futuristic Approach"**, **w.e.f. 3rd - 4th May, 2013**
- National Seminar on **"Restoring Cultural Linkages-The Silk Route Connection to Destination Marketing"** organised by Department in collaboration with of Tourism and Travel Management, **w.e.f. 30th – 31st March, 2013 (**Sponsored by Indian Council of Social Science Research)**.**
- Faculty Development Programme on **"Scholarly Writing and Case Analysis"** organised by Dept. of Human Resource Management, **w.e.f 18th -20th November, 2012**

B) Student Development Activities:

- Workshop on **"Personality Development"** for MBA (HRM) students **26th September, 2014**
- **Industrial Visit** of MBA (HRM) students organized on **19th September, 2014.**
- Workshop on **"Perception Management"** for MBA (HRM) students, **16th September, 2013.**
- Workshop on **"Communication and Case Analysis Module - II"** for MBA (HRM) and MBA (TTM) on **20th November, 2012**
- Workshop on **"Communication and Case Analysis Module - I"** for MBA (HRM) and MBA (TTM) on **7th & 9th November, 2012**
- Workshop on **"Personality Development"** for MBA (HRM), MBA (TTM) and MSc. (IT) students was conducted on **19th October 2012**
- Workshop on **"Self Assessment"** for MBA (HRM) and MBA (TTM) students was conducted on **12th October 2012**
- As a part of World Tourism Day Event an I**nter-University Quiz Competition** on **"Sustainable Energy and Tourism Development"** on **27th September 2012.**

C) Entrepreunrial Lectures

- Guest lecture by **Prof. Nawal Kishor**, IGNOU, on **"Challenges and Trends in World Trade"** held on **1st September 2016**
- Interactive session by **Mr. Shubash Jagota CEO, Global Business Solutions** on **23rd February 2016**
- Interactive session on **"Managerial Styles and Leadership Development"** by Mr. Raj Nehru (Associate Director) Concentrix, **8th February 2016**
- Interactive session by **Prof. Piyush Kumar Sinha, IIM-Ahmadabad**, **2nd December 2015**
- Guest lecture Series from **19th -20th November 2015** by **Mr. Vikas Shah, COO,** Water Health, Hyderabad, **Dr. Rashid Sayeed, CEO ASHRAY**- Techno Social Incubator, Ahmedabad and Mr. Raj Nehru (Associate Director) Concentrix on **"Would I Work For Me"**.
- Interactive session by **Padmashree Prof. K. L Chopra** on "**Nurturing Innovation & Entrepreneurship in Academia", 22nd September 2015.**
- Guest Lecture by Mr. Varun Gupta on **"Stock Market options"** , **10th July 2015**
- Guest Lecture by Mr. Raj Nehru (Associate Director), Concentrix, on **"Transactional Analysis" and "Johari Window model"**, **11th - 12th September 2015**.
- Sh. Subhas Jagota conducted a session on **"Contemporary Trend in HRM"** on **28th January 2015**
- Prof. M. I. Haque, Chairman and Dean, Department of Business Administration, Faculty of Management Studies and Research, Aligarh Muslim University, Aligarh conducted a session on **"Problems in Management"** on **27th January 2015**
- Prof. R. S. Dhaliwal, Punjabi University, Patialia conducted a session on **"Contemporary Management Practices"** on **16th January 2015**
- Mr. Atul Sharma, Chatered Accountant conducted sessions on **"Financial Management"** w.e.f. 6th -7th May 2014
- **Prof Yoginder Verma,** Dean, School of Management Studies Himachal Central University Mr. Verma delivered a lecture on **"Rediscovering Modern Managers"**, **on 6th December , 2012**
- **Mr. Rakesh Shalla** (J&K-Operations Head Vodafone conducted a session on "**Building Brand Image in Reference to Telecom"** on **30th November, 2012.**

- **Mr Subhash Jagota,** CEO Global Business Solutions and former HR Head **Punj Lloyd** conducted sessions on **"Dynamics of Success"** and **"HR Practices Prevailing across Industries in India"**, **November 29th, 2012**

- **Prof Ashok Ogra,** Apeejay Institute of Management Studies, Noida and Ex-Vice President Discovery Channel & Animal Plannet (South Asia) and former Director, Doordarshan delivered his talk on "**Earth is Full-A Perspective"** on **23rd November, 2012.**

- **Dr Manoj Gupta,** Associate Professor, Indian Institute of Management-Rohtak conducted extended sessions on **"Accounting and Financial Management",16th November, 2012:**

- **Prof Sandeep Kulshrestra**, **Nodal Officer & Chairman-Academics, IITTM-Gwalior (M.P) conducted** sessions which enhanced their knowledge base with some "**Recent Trends in Travel and Tourism Industry"** on **19th & 20th October, 2012**

- **Mr. Vikas Shah,** Chief Operating Officer for Water Health International delivered his talk on **"Performance Management System (PMS) for organisations"** in the present scenario on **1st October, 2012**

- **Mr. Gagan Pratap Singh,** Trade Wings, Jammu Office, conducted a session **"Career Prospects in Tourism and Hospitality Sector"** for MBA (HRM) & MBA (TTM) on **14th September, 2012**

- **Prof. Roshan Lal Raina,** Dean (Planning & Development, IIM-Lucknow) and Ex-Mentor (IIM-Rothak & IIM-Kashipur) delivered his talk on **"Entrepreneurial Skills for Effective Management"** on **8th September, 2012**

- **Mr. Kartik Raina,** Senior Advisor-Y Factor and former Country Head Dabur India Limited., conducted a session on **"Developing Technological Competencies"** on **31st August, 2012**

D) Pedagogical Innovation/Academic Initiatives:

- **Friday Club Activity/Learning Teams & Knowledge Forum:** Friday Club activity has been initiated to improve the presentation skills of the students. It is a student driven activity mentored by faculty members.

- **Mentoring:** Each faculty member has owned around seven to eight students each and are making an endeavour to mentor individual students in their personal as well as professional endeavours.

- **Up-Graduation of Curriculum** Design/Syllabi as per UGC Choice Based Credit System

E) Institutional Memberships for Industry-Academia Interface

- Life Member, Indian Society for Training & Development, New Delhi
- Life Member, NHRD Network, Delhi Chapter
- Annual Membership, Confederation of Indian Industry (CII)
- Annual Membership, All India Management Association

- Department is periodically conducting Training Programmes on **Effective Management Skills/Entrepreneurship Awareness for Kalamkari Workers/**local community

- Two Weeks Workshop on **"Research Methodology"** sponsored by ICSSR), conducted at Govt. Post Graduate College, Rajouri, Jammu & Kashmir, India, w.e.f. 3rd – 16th July 2013.

- Short Term Course on **"Research Methodology"** for research scholars/faculty in Management and related disciplines sponsored by ICSSR, conducted at Baba Ghulam Shah Badshah University, w.e.f. 3rd -12th June 2013.

G) Publications: Dr. Shahid Mushtaq

1. Aima, A. & Mushtaq, S. (2015). *Contemporary Issues in People Management.* New Delhi, Bharti Publication
2. Azmi, F. T. & Mushtaq, S. (2015). Role of line managers in HRM: Empirical evidences from India. ***International Journal of Human Resource Management*, 26(5), 616-639. Taylor and** Francis (**DOI:**10.1080/09585192.2014.934883).
3. Aima, A. Harkar, M. & Mushtaq, S. (2013). Leadership Pipeline Development: A case study of Select Banks in India. ***Third Eye: Business Review***
4. Azmi, F. T. & Mushtaq, S. (2013). Assessing the role of internal and external agents in HRM: Scale development and validation. ***South Asian Journal of Management***, 20(3), 74-102, EBSCO[http://web.ebscohost.com.vlib.interchange.at/ehost/pdfviewer/pdfviewer?vid=3&sid=b9ef5aca-aea4-40be-8c96-b9f0bb82ee46%40sessionmgr4004&hid=4204]
5. Azmi, F. T. & Mushtaq, S. (2010). Charting the devolution landscape: Rhetoric and reality ***Integral Review A Journal of Management***, 3(1), 3-20. **ISSN : 0974-8032**
6. Raina, D. & Mushtaq, S. (2011). Traffic Management: A Social Concern. ***Interdisciplinary Journal of Contemporary Research in Business***, **CABELL's-USA**, 3(1), 137-147. **ISSN 2073-7122**
7. Azmi, F. T. & Mushtaq, S. (2013). Role of Internal Agents in HRM: Empirical Evidence from India. ***Employee Relations***, **Emerald** (Under review).
8. Azmi, F. T. & Mushtaq, S. (2012). Role of Top Management in Human Resource Management: Empirical Evidence from India, ***Management and Labour Studies***, **Sage Publication** (Under review).

Annexure-B
Department of Physics and Astronomical Sciences

List of Faculty Members

S. No.	Name	Qualification	Designation	Specialization	Experience	No. of Ph.D/M.Phil Students guided
1	Prof. S. K. Khosa	PhD	Professor	Nuclear Physics	34 Yrs	17+18 = 35
2	Dr. Amit Tomar	PhD	Assistant Professor	Material Science	More Than 3 Yrs	Nil
3	Dr. Avinash Chand Yadav	PhD	Assistant Professor	Statistical Physics	More than 2 Yrs	Nil
4	Dr Jehova Jire L. Hmar	PhD	Assistant Professor	Material Science, Nano-Science & Nanotechnology	3 Months	Nil

List of Publications

Dr. J. J. L. Hmar

International Journals

1. **J. J. L. Hmar**, T. Majumder, J. N. Roy and S. P. Mondal, "Flexible, Transparent, High Dielectric and Photoconductive Thin Films using ZnO Nanosheets Multi-Walled Carbon Nanotube-Polymer Nanocomposites", Journal of Alloys and Compounds, **651**, 82-90 (2015).
2. **J. J. L. Hmar**, T. Majumder and S. P. Mondal, "Growth and Characteristics of PbS-Polyvinyl Alcohol Nanocomposites for Flexible High Dielectric Thin Film Applications", Thin Solid Films, **598**, 243-251 (2015).
3. **J. J. L. Hmar**, T. Majumder, J. N. Roy and S. P. Mondal, "Electrical and Photoelectrochemical Characteristics of Flexible n-type CdS-Nanocomposite/Conducting Polymer Heterojunction", Journal of Materials Science in Semiconductor Processing, **40,** 145-151(2015).
4. **J. J. L. Hmar**, T. Majumder, S. Dhar, and S. P. Mondal, "Sulfur and Nitrogen co-doped graphene quantum dot decorated ZnO nanorod/polymer hybrid flexible device for photosensing applications", Thin Solid Films, **612,** 274–283 (2016).

5. T. Majumder, **J.J.L. Hmar**, K. Debnath, N. Gogurla, J. N. Roy, S. K. Ray and S. P. Mondal, "Photoelectrochemical and photosensing behaviors of hydrothermally grown ZnO nanorods", Journal of Applied Physics, 116, 034311 (2014).
6. T. Majumder, **J. J. L. Hmar**, J. N. Roy and S. P. Mondal, "Spectral Dependent Photoelectrochemical Behaviors of CdS Sensitized ZnO Nanorods", Nanoscience and Nanotechnology, Vol. 15, pp-1–6 (2015).
7. T. Majumder, K. Debnath, S. Dhar, **J.J.L. Hmar** and S. P. Mondal, "Nitrogen-Doped Graphene Quantum Dot Decorated ZnO Nanorods for Improved Electrochemical Solar Energy Conversion" Energy Technol., 4, 1-11 (2016).

International Conferences Proceedings

1. **J. J. L. Hmar**, T. Majumder, J N Roy and S. P. Mondal, "Growth and Characteristics of PbS–Polymer Nanocomposites for Flexible Opto-Electronic Device Applications", Proc. 12th International Conference on Fiber Optics and Photonics, Indian Institute of Technology Kharagpur, India. December 13-16, 2014.
2. **J. J. L. Hmar**, T. Majumder, S. Dhar, and S. P. Mondal, "Photosensing Behaviors of S and N co-doped Graphene Quantum Dot Sensitized ZnO Nanorod/Conducting Polymer Hybrid Devices", IEEE International conference on Microelectronics, Computing and Communication (MicroCom 2016). National Institute of Technology Durgapur, India, January 23 -25, 2016.
3. T. Majumder, **J. J. L. Hmar**, S. Dhar, and S. P. Mondal, "Graphene Quantum Dots for ZnO Nanorod Based as a Green Sensitizer Photoanodes", IEEE International conference on Microelectronics, Computing and Communication (MicroCom 2016). National Institute of Technology Durgapur, India, January 23 -25, 2016.

Paper Presented in Conferences

1. **J. J. L. Hmar**, T. Majumder, J N Roy and S. P. Mondal, "Growth and Characteristics of PbS–Polymer Nanocomposites for Flexible Opto-Electronic Device Applications", Proc. 12th International Conference on Fiber Optics and Photonics, Indian Institute of Technology Kharagpur, India. December 13-16, 2014.
2. **J. J. L. Hmar**, T. Majumder, S. Dhar, and S. P. Mondal "Photosensing Behaviors of Carbon Quantum Dot Sensitized ZnO Nanorod/Conducting Polymer Flexible Hybrid Devices", Proc. 18th International Workshop on Physics of Semiconductor Devices (IWPSD-2015). Indian Institute of Science, Bangalore, India, December 7-10, 2015.
3. **J. J. L. Hmar**, T. Majumder, S. Dhar, and S. P. Mondal, "Photosensing Behaviors of S and N co-doped Graphene Quantum Dot Sensitized ZnO Nanorod/Conducting Polymer Hybrid Devices", IEEE International conference on Microelectronics, Computing and Communication (MicroCom 2016). National Institute of Technology Durgapur, India, January 23 -25, 2016.
4. **J. J. L. Hmar,** T. Majumder and S. P. Mondal "High Dielectric and Photoconductive Properties of ZnO Nanosheets-Multi-Walled Carbon Nanotube-Polymer Nanocomposites" National seminar on Recent trend of Research in

Chemistry- A New Horizon of Hopes 7-8 August, 2015, Women College, Agartala, Tripura, India.

5. **J.J. L. Hmar,** T. Majumder, S. Dhar and S. P. Mondal "Optical and High Dielectric Properties of Lead Sulphide (PbS) Nanocomposites embedded in Polymer (Polyvinyl Alcohol) Matrix" National Conference on Recent Development & Applications in Chemical Sciences (RDACS-2016), 20-21 May, 2016, Department of Chemistry National Institute of Technology (NIT) Agartala.
6. **J.J. L. Hmar,** T. Majumder, S. Dhar and S. P. Mondal "Quantum Dot Size Dependent J-V Characteristics of Lead Sulphide-Polyvinyl Alcohol (PbS-PVA) Nanocomposites for Flexible Electronic Device Applications" National Level Conference on "Engineering Problems and Application of Mathematics (EPAM-2016)" 11-12 June, 2016, Department of Civil Engineering & Department of Mathematics National Institute of Technology, Agartala.

Dr Avinash Chand Yadav

1. Survival-time statistics for sample space reducing stochastic processes **Avinash Chand Yadav,** Physical Review E 93, 042131 (2016).

2. Memoryless nonlinear response: A simple mechanism for the 1/f noise **Avinash Chand Yadav**, Ramakrishna Ramaswamy, and Deepak Dhar Europhysics Letters 103, 60004 (2013).

3. Sub-diffusion and trapped dynamics of neutral and charged probes in DNA- protein coacervates Najmul Arfin, Avinash Chand Yadav, and H. B. Bohidar AIP Advances 3, 112108 (2013).

4. Scaling behavior in probabilistic neuronal cellular automata Kaustubh Manchanda, **Avinash Chand Yadav**, and Ramakrishna Ramaswamy Physical Review E 87, 012704 (2013).

5. Power spectrum of mass and activity fluctuations in a sandpile **Avinash Chand Yadav,** Ramakrishna Ramaswamy, and Deepak Dhar Physical Review E 85, 061114 (2012).

Annexure-C
Department of Chemistry and Chemical Sciences

List of Conferences/symposiums/seminars attended by the faculty:

Dr. Princy Gupta

1. Princy Gupta, Comparative study of some carbon/silica composites, presented in 11th National Conference of the Indian Thermodynamics Society on "Advances in Chemical Sciences and Thermodynamics" held at University of Jammu, **2-3rd December, 2016.**

2. Princy Gupta, Monika Gupta and Satya Paul, One-pot synthesis of Pyrimido[4,5-*d*]pyrimidines, Spirobi[pyrimidines] using SiO_2-SO_3H as heterogeneous and recyclable catalyst, presented in 3rd JK Science Congress held at University of Jammu, **26-28th Feb. 2008.**

3. Princy Gupta and Satya Paul, Silica functionalized sulfonic acid catalyzed one-pot synthesis of 2,4,5-trisubstituted imidazoles under solvent-free conditions, presented in 11th CRSI National Symposium in Chemistry, held at National Chemical Laboratory Pune, **6-8th Feb. 2009.**

4. Princy Gupta, Manju Goyal and Satya Paul, Sulfonated carbon-silica composites as novel heterogeneous catalysts for the synthesis of 1,1-diacetates from aldehydes, presented in 5th JK Science congress held at University of Jammu, **8-10th Feb. 2010.**

5. Princy Gupta and Satya Paul, Carbon/silica composites coated with ionic liquid for Knoevenagel condensation, presented in Conference on Green Chemistry "Newer challenges and sustainable development held at Govt. Degree college, Udhampur, **3-4th Dec. 2010.**

6 Princy Gupta, Pooja Rasgotra, Monika Gupta and Satya Paul, Amorphous carbon-silica composite sulfonic acids catalyzed one-pot synthesis of Hantzsch 1,4-dihydropyridines, 2,4,5-trisubstituted imidazoles and 2-arylbenzimidazoles, presented in International conference on emerging trends in chemistry held at the Department of Chemistry, Panjab University, Chandigarh, **11-12th Feb. 2011.**

7. Princy Gupta presented lecture on "Chemistry Our life, Our future" in seminar organised in the department of Chemistry, University of Jammu, **23rd March, 2011.**

8. Princy Gupta, Seema Sahi, Manjulla Gupta, Manmeet Kour, Rajive Gupta and Satya Paul, Novel sulfonated carbon/silica composite functionalized lewis acids for one-pot synthesis of 1,2,4,5-tetrasubstituted imidazoles, 3,4-dihydropyrimidin-2(1*H*)-ones and for Michael addition of indole to α,β-unsaturated ketones, presented in Chemical Research Society of India, North Zone Meeting, held at University of Jammu, **22-24th Sept. 2011.**

9. Princy Gupta, Rajive Gupta and Satya Paul, Amorphous carbon-silica composites bearing sulfonic acid coated ionic liquid as a heterogeneous catalyst for the knoevenagel condensation in water, presented in 7th JK Science Congress held at University of Jammu, Jammu, **13-15th Oct. 2011.**

10. Seema Sahi, Princy Gupta, RavinderPal Kour Sodhi, Pooja Rasgotra, Manmeet Kour, Madhvi Bhardwaj and Satya Paul, Green Chemistry and catalysis for sustainable development, presented in International Conference on Global Warming, "The Biggest Challenge of 21st Century" held at Govt. degree college, Udhampur, **24-26th Feb. 2012.**

11. Gupta Princy and Paul Satya, Ionic liquid coated sulfonated carbon/silica composites catalyzed synthesis of 3-substituted indoles, presented in 3rd Biennial International Conference on New Developments in Drug Discovery From Natural Products And Traditional Medicines held at National Institute of Pharmaceutical Education and Research, Mohali, **22-24th Nov. 2012**.

12. Seema Sahi, Princy Gupta, Indeep kour and Satya Paul, Aqueous phase one-pot synthesis of 2-arylbenzimidazoles using covalently anchored $RuCl_3$ onto imine functionalized silica, presented in 101st Indian Science Congress held at University of Jammu, **3-7th Feb. 2014.**

Dr. Venkatar Ramanna Doddi

1. Delivered an invited lecture at ITS conference-2016 with the theme "Advances in chemical sciences and thermodynamics".
2. "National conference on Advances in Cancer Therapeutics ACT-2016" during April 4-5, 2016 at CSIR-IICT, Hyderabad, India.
3. "27th International Carbohydrate Symposium" during January 12-17, 2014 at IISc, Bangalore, India
4. "Nature Inspired initiatives in chemical trends" during March 2-5, 2014 at CSIR-IICT, Hyderabad, India
5. "IInd NOST symposium" during October 11-14, 2006 at International college for girls, Jaipur, India.
6. "Sixth National symposium in chemistry" during February 6-8, 2004 at IIT Kanpur, India.

Dr. Tapta Kanchan Roy

1. Delivered an invited lecture ar Theoretical Chemistry Symphosium, University of Hyderabad, 2016.

2. Delivered an invited lecture at ITS conference-2016 with the theme "Advances in chemical sciences and thermodynamics".

3. Oral presentation: '5th Singapore India Collaborative & Cooperative Chemistry Symposium', an international symposium organized by School of Chemistry, University of Hyderabad in 2009, titled - 'Variational approaches to thermodynamic quantities'.

4. Oral presentation: 7th Annual In-house Symposium organized by School of Chemistry, ChemFest 2010, titled – 'Effective Harmonic Oscillator Description of Anharmonic Vibrations'.

5. Poster presentation: "First-Principles Anharmonic Quantum Calculations for the Determination of Three-Dimensional Structures of Biological Systems" in Emerging Trends in Applied Chemical Sciences, March, 2016, Organized by Department of Chemistry, Central University of Rajasthan, India

6. Poster presentation: 'First principle derived force for flexible reactive molecules', organized by Ruhr University, Bochum, Germany, 2012 at SFB 558 closing symposium.

7. Poster presentation: 'Development of Polarizable Force Fields with Valence Charge

Equalization method, in 14th International Conference on the theoretical aspects on Catalisys, Vlissingen, The Netherlands (2012).

8. Poster presentation: 'A thermal self-consistent field theory for the calculation of molecular vibrational partition function': Recent Advances in Many Electron Theory, 2010; organized by Indian Association of the Cultivation of Science and Raman Centre for Atomic Molecular & Optical Science, Kolkata, India.

9. Poster presentation: 'Calculation of thermodynamic quantities of molecules using effective harmonic oscillator and vibrational self-consistent field method': Theoretical Chemistry Symposium 2009, organized by Indian Institute of Science, Bangalore, India.

10. Poster presentation: 4th, 5th, 6th and 7th Annual In-house Symposium of School of Chemistry, ChemFest 2007, 2008, 2009, 2010, organized by School of Chemistry, University of Hyderabad, Hyderabad, India, 2007, 2008, 2009 & 2010.

11. Poster presentation: 'School of numerical quantum many body methods in Physics and Chemistry', organized by JNCASR, Bangalore, 2007.

12. HPC Workshop for FIST Institutes conducted during February 19-22, 2007 with CDAC at Center of Modeling Simulations and Design (CMSD), University of Hyderabad.

13. CMSD conducted lecture series on 'Simulations in Biology and Soft Matter' during 26th November-11th December 2007 at University of Hyderabad.

14. CMSD Conducted HPC workshop on Tutorial 'Tools for Scientific Computing' during October 21-25, 2008 and NVIDIA TESLA Supercomputing Workshop on 30th July 2009.

Dr. Sujata Kundan

1. Sujata Kundan (Poster), presented in 11th National Conference of the Indian Thermodynamics Society on "Advances in Chemical Sciences and Thermodynamics" held at University of Jammu, **2-3rd December, 2016.**

2. Sujata Kundan (POSTER) Acute Toxicity Evaluations of some Zinc(II) complexes Containing Substituted Salicylates derived from porphyrin free-bases. **10th JK Science Congress** –March.14th -16th, **2015.** University of Jammu, Jammu in collaboration with J&K State Council for Science and Technology, Govt. Of J&K.

3. Sujata Kundan (PAPER) Physico and biological Studies of Meso- tetra(paraphenyl) Substituted Porphyrins**2nd National Symposium on Interdisciplinary Sciences** – Feb.27-28, **2015**. G.G.M. Science College, Jammu (J&K) Sponsored by CSIR.

4. Sujata Kundan (POSTER) Synthesis, physico-chemical and biological characterization of substituted *meso*-tetra (para-phenyl) porphyrins with nitrogenous bases. **CHEMCON 2015- National Seminar And Workshop on Advances, Perspective & Challenges in Chemical Sciences–2015** Feb.11th -12th, **2015**.Department of Applied Chemistry Sardar

Bhagwan Singh Post Graduate Institute Of Biomedical Sciences & Research (SBSPGI). Balawala, Dehradun.

5. Sujata Kundan (POSTER) Gauri D.Bajju, Tabraiz Sadiq, Supneel,Vishal singh Kotwal and Deepmala. Synthesis and Spectroscopic Characterization of group (IIIA) metal ions (Al(III),Tl(III)-*p*-chloro-*meso*-tetraphenylporphyrin with Phenolates at axial position. **101th Indian Science Congress-** Feb. 3 – 7, **2014**, University of Jammu, Jammu.

6. Sujata Kundan (PAPER) Chemistry In Every Day Life **2ND J&K Women's Science Congress** –Nov. 5th – 7th, **2013** Govt. College for Women, Parade Ground, Jammu Sponsored by Dept. of Science and technology, Govt. Of India and J&K State Council for Science and Technology, Department of Science and Technology, J&K.

7. Sujata Kundan (PAPER) Gauri. D. Bajju**,** Sunil Kumar Anand. Synthesis and Spectroscopic Studies of Zirconium(IV) Porphyrins with Acetylacetonate and Phenolates at Axial positions. **7th National Symposium and Conference on Solid State Chemistry and Allied Areas-**Nov.24-26, **2011** University of Jammu, Jammu.

8. Sujata Kundan (PAPER) Axial interaction of Zn(II)5,10,15,20-meso-tetra(4-methylphenyl) porphyrins with oxygen donors Gauri. D. Bajju**,** Deepmala, Ashu, Sapna (Abstracts No. CST_009)(PP-130) **7th J & K State Science Congress State-** Oct.13-15, **2011** University of Jammu, Jammu in collaboration with J&K state council for Science and Technology.

9. Sujata Kundan (POSTER) Stereochemistry Around Chromium(III)Salicylates And Sulfosalicylates in mixed ligand complexes. Gauri. D. Bajju, Deepmala, Ashu, , Sapna. (P-9) **North Zone Meeting-**Sept.22-24, **2011** Chemical Research Society of India. North Zone Meeting, University of Jammu, Jammu.

10. Sujata Kundan (PAPER) Synthesis and spectroscopic studies of axially ligated Zn(II)5,10,15, 20–meso–tetra(4-chlorophenyl)porphyrin with oxygen and nitrogendonors Gauri. D. Bajju**,** Deepmala, Ashu**,** Sapna (P-53) **North Zone Meeting-**Sept.22-24, **2011** Chemical Research Society of India. North Zone Meeting, University of Jammu, Jammu.

11. Sujata Kundan (Poster) Axial Ligation of Oxovanadium (IV) tetraphenyl porphyrin with Oxygen and Nitrogen Donors. Gauri. D. Bajju, Puja Sharma, and Deepmala. **SCI-CHEM-248**. P-16 **35TH J&K State Science Congress State-** Feb.8-10, **2010** University of Jammu, Jammu.

12. Sujata Kundan (Paper) Synthesis and Characterization of Axially Ligated Zinc(II)-para-Nitro-meso-tetraphenylporphyrins. Puja Sharma and Dr. Gauri. D. Bajju. P-59 **3rdJ& K State Science Congress state-**Feb.26-28, 2008 University of Jammu, Jammu

Annexure-D

Department of Nano-Science and Materials

Details of Course Schema for M.Sc. Material Sciences & Technology

Departmental Core Course	(DCC)
Discipline Specific Elective	(DSE)
Departmental Core Practical	(DCP)
Interdisciplinary Elective	(IE)
Foundation Compulsory/Ability Enrichment	FC/ (AE) (Group-I)
Foundation Elective/Skill Based	FE/ (SB) (Group-II)

Semester I

S. No.	Course Code	Course Name	Course type	Credits	Contact hours per week L-T-P
1.	PGMST1C-001T	Crystal Structures and Properties of Materials	DCC	4	3-1-0
2.	PGMST1C-002T	Quantum Mechanics	DCC	4	3-1-0
3	PGMST1C-003T	Computer Programming & Numerical Analysis	DCC	4	2-0-4
4.	PGMST1E-001T	Polymer Science	DSE	4	3-1-0
5.	PGMST1C-001L	Laboratory-I	DCP	4	0-0-8
6.	PGMST1FC-001T	Molecular Biology	FC/(AE)	2	2-0-0
Total				22	13-3-12

Semester II

Sr. No.	Course Code	Course Name	Course type	Credits	Contact hours per week L-T-P
1.	PGMST-2C 001T	Thermal Behavior of Materials	DCC	4	3-1-0
2.	PGMST-2C 002T	Nanomaterials	DCC	4	3-1-0
3	PGMST-2C 003T	Experimental Techniques in Material Science-I	DCC	4	3-1-0
4.	PGMST-2E 001T	Semiconductor Devices	DSE	4	3-1-0
5.	PGMST-2C 001L	Laboratory-II	DCP	4	0-0-8
6.	PGMST-2IE 001T	Environmental Science	IE	4	3-1-0
7.	PGMST-2FE 001T	Fundamentals of Computer	FE/(SB)	2	2-0-0
Total				26	17-5-8

Additional Information of Projects (Q.No. 16)

Dr. Pragati Kumar:

1. "Development of Nanostructures based optical sensor" Under UGC-FRPS Start-Up Grant by UGC, New Delhi
   Project Cost: □10,00,000/- Duration: 2 Years
2. "Fabrication of Inorganic/Organic Hetero-junctions for Optoelectronic Devices"Under Start Up Research Grant by Science and Engineering Research Board (SERB), New Delhi
   Project Cost: □40,00,000/- Duration: 3 Years

Dr. Pawan Kumar:

1. "Development of a novel sensing technique for organic pesticides in various media based on nanocrystal metal organic frameworks (NMOF) using parallel analysis with thermal desorption-gas chromatography-mass spectrometry (TD-GC-MS)" Under Empowerment and Equity Opportunities for Excellence in Science by Science and Engineering Research Board, New Delhi
   Project Cost: □49,99,200/- Duration: 4 Years

2. "Novel practical sensing technique for VOCs in various real media using nanocrystal metal organic frameworks" Under UGC-FRPS Start-Up Grant by UGC, New Delhi.
   Project Cost: □10,00,000/- Duration: 2 Year

Additional Details of Publications (Q. No. 22)

Dr. Pragati Kumar:
Proceedings

1. Structural study of CdS nanoparticles, Pragati Kumar, **Nupur Saxena**, F. Singh and Avinash Agarwal, ***Proceedings of the National Conference on Synthesis and Characterization of Smart Materials, SCSM – 2009, Bareilly, India. Sep. 12 – 14, 2009, pp-128***

2. PLD grown Si nanocrystals for memory and optical applications, **Nupur Saxena**, Pragati Kumar and Vinay Gupta, ***Proceeding of the National Conference on Nanotechnology and Renewable Energy (NCNRE-14), Jamia Milia Islamia University, Delhi, 2014, pp-318-321. ISBN-978-93-81212-65-3***

3. Thermal activated structural phase transition and its effect on emission Pragati Kumar, **Nupur Saxena**, F. Singh, Avinash Agarwal and Vinay Gupt, ***Proceeding of the National Conference on Nanotechnology and Renewable Energy (NCNRE-14), Jamia Milia Islamia University, Delhi, 2014, pp-229-232. ISBN-978-93-81212-65-3***

4. Effect of rapid thermal annealing temperature on the dispersion of Si nanocrystals in SiO_2 matrix ***Nupur Saxena,*** *Pragati Kumar, Vinay Gupta,* ***AIP Conference Proceedings 1661, 080026 (2015), ISSN: 0094-243X***

5. Influence of Ag doping concentration on structural and optical properties of CdS thin films, Pragati Kumar, **Nupur Saxena,** Avinash Agarwal and Vinay Gupta, ***AIP Conference Proceedings 1661, 080017 (2015), ISSN: 0094-243X***

Dr. Pawan Kumar:

Publications

1. Kumar P., Pournara A., Kim K.-H. Bansal V., Rapti S., Manos M.J. (2017) Metal-organic frameworks: Challenges and opportunities for ion-exchange/sorption applications. Progress in Materials Science. 86, 25-74 (Impact Factor - 31.083)
2. 2. Kumar P., Kim K.-H., Bansal V., Kumar S., Dilbaghi N., Kim Y.-H. (2017) Modern progress and future challenges in nanocarriers for probe applications. Trends in Analytical Chemistry. 86, 235-250 (Impact Factor- 7.4)
3. **Kumar P.,** Kim K.-H., Bansal V., Kumar S., Dilbaghi N., Kim Y.-H. (2017) Modern progress and future challenges in nanocarriers for probe applications. Trends in Analytical Chemistry. In Press (Impact Factor- 7.4)
4. Nguyen H.T., Kwon E.E., Kim K.-H., Pandey S.K., Chambers S., **Kumar P.,** Kang C.- H., Cho S.-J., Oh J.-M., Brown R.J.C. (2017) Factors regulating the distribution of O3 and NOx at two mountainous sites in Seoul, Korea. Atmospheric Pollution Research. In Press.**(Impact Factor- 1.40)**
5. *Advanced polymeric materials: Synthesis and analytical application of ion imprinted polymers as selective sorbents for solid phase extraction of metal ions,* Shakerian F., Kim K.-H., Kwon E., Szulejko J.E., **Kumar P**., Dadfarnia S., Shabani A.M.S. (2016) Trends in Analytical Chenistry. 83, 55-69 (Impact Factor- 7.48)

Additional Information Regarding Committees (Q.no. 26)

Faculty serving in

National committees	**Dr. Vishal Singh** **1.** Lifetime member of Material Research Society of India (MRSI). **2.** Lifetime member of Indian Association of Solid State Chemistry & Allied Science. **Dr. Tanuj Kumar** **1.** Lifetime member of Indian Physics association **2.** Lifetime member of Ion beam Society of India **Dr. Pragati Kumar** 1. Life time Ion beam Society of India **Dr. Pawan Kumar** **1.** Lifetime membership of Indian Carbon Society (ICS), India. **2.** Membership (Lifetime) of Haryana State Pharmacy Council (HPSC), Panchkula. **3.** Membership (Annual) of Indian Science Congress Association (INSA), Kolkata.

International committees	**Dr. Pawan Kumar** 1. Membership (Annual) of American Chemical Society (ACS), USA. 2. Membership (Annual) of International Association of Computer Application and Information Technology (IACSIT), Singapore.
Editorial Boards	**Dr. Pragati Kumar-**American Journal of NanoSciences (AJN) **Dr. Pawan Kumar-** Editorial Member of International journal of Nanoscience and technology (Peer-Review).
Any other (please specify)	**Dr. Vishal Singh-** Board of Study VC nominees **Dr. Tanuj Kumar**- Board of Study (Member) **Dr. Pragati Kumar-** Board of Study VC nominees **Dr. Pawan Kumar-** Board of Study VC nominees

Additional Information Regarding Awards / recognitions received at the national and international level (Q.no.29)

Awards / recognitions received at the national and international level by Faculty

Fast Track Young Scientist Award (National)

1. **Dr. Tanuj Kumar**
2. **Dr. Pawan Kumar**

Post Doc Fellowship Award (National and International)

Dr. Pawan Kumar

1. CAS President's International Fellowship Initiative (PIFI) award (2016) by Chinese Academy of Sciences President's International Fellowship Initiative (PIFI) at Hefei National Lab for Physical Sciences at the Microscale, University of Science and Technology of China (USTC) Hefei, Anhui 230026, P. R. China.
2. Marie-Curie Fellowship aspirants, Dept of Chemistry, University of Ioannina, Greece.
3. Post Doc Fellowship Award, Department of Chemical Engineering, IIT, Kanpur.
4. Post Doc Fellowship, Department of Civil & Environmental Engineering, Hanyang University, Seoul, South Korea.
5. Post Doc Fellowship Award (Five Year) Under Post Doc Fellowship by SC/ST, UGC, New Delhi

Dr. Pragati Kumar

1. DSKPDF by UGC, New Delhi

Dr. Tanuj Kumar

1. Fast track-Young scientist DST, New Delhi

Dr. Vishal Singh

1. Post-doc fellowship award by department of Physical sciences, IISER Mohali

Doctoral / post doctoral fellows	Nil
Students	Nil

Annexure-E

Department of Educational Studies

A brief report programmes /activities conducted under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching

S.No	Details of Initiatives	Venue	Date
1	**Core Committee Meeting**	Temporary Academic Block ,Central University of Jammu, Sainik Colony, Jammu-180011	09-11-2016
2	**Consultative Committee Meeting**	Temporary Academic Block ,Central University of Jammu, Sainik Colony, Jammu-180011	19-11-2016
3	**One Day Workshop on "Difficulties faced by Teachers in Students' Evaluation at School level**	Govt. Higher Secondary School, Samailpur.(School adopted by Central University of Jammu).	20-12-2016
4	**One day Workshop Enhancing Life Skills and Leadership among Students: Contexts and Practices**	Govt. R. S. M. Model Higher Secondary School Rahya,Samba(School adopted by CU Jammu).	21-12-2016
5	**Five Days Training Workshop on ICT In Education and Learning for Teachers and Teacher Educators**	CUJ , Rahya Suchaini, SAMBA	09-01-2017 To 13-01-2017

Annexure-F
Departmental of Environmental Sciences
Course Matrix M.Sc Environmental Sciences, 2012-15

1st Semester

Course Code	Course Title	Credit	CIA	MSE	ESE	Total
MEVS 101	Introduction to Ecology and Environmental Sciences	4	25	25	50	100
MEVS 102	Environmental Biology	4	25	25	50	100
MEVS 103	Environmental Chemistry	4	25	25	50	100
MEVS 104	Environmental Geology and Atmospheric Science	4	25	25	50	100
MEVS 105	Statistical Methods and Computer Applications(Elective from other School)	4	25	25	50	100
MEVS 151	Lab Course-I	4	25	25	50	100
MEVS 175	Basics of Ecology and Environmental Science(Elective for other Schools)	4	25	25	50	100

2nd Semester

Course Code	Course Title	Credit	CIA	MSE	ESE	Total
MEVS 201	Instrumentation and Analytical Techniques	4	25	25	50	100
MEVS 202	Mountain Ecology	4	25	25	50	100
MEVS 203	Energy Resources	4	25	25	50	100
MEVS 204	Disaster Management	4	25	25	50	100
MEVS 251	Lab Course-II	4	25	25	50	100
MEVS 275	Legal Awareness Course	4	25	25	50	100
MEVS 276	Environmental Laws, Policies and Ethics	4	25	25	50	100

3rd Semester

Course Code	Course Title	Credit	CIA	MSE	ESE	Total
MEVS 301	Biodiversity and Conservation Biology	4	25	25	50	100
MEVS 302	Ecotoxicology	2	12.5	12.5	25	50
MEVS 303	Environmental Technology	4	25	25	50	100
MEVS 304	Environmental Pollution and Control	4	25	25	50	100
MEVS 305	Atmospheric Science and Climate Change	2	12.5	12.5	25	50
MEVS 351	Lab Course-III	4	25	25	50	100
Elective Course to be taken from other School		4	25	25	50	100
MEVS 375	Natural Resources and their Management	4	25	25	50	100

4th Semester

Course Code	Course Title	Credit	CIA	MSE	ESE	Total
MEVS 401	Environmental Impact Assessment	4	25	25	50	100
MEVS 402	Environmental Management System	4	25	25	50	100
MEVS 403	Aquatic Ecosystems	4	25	25	100	100
MEVS 450	Dissertation	8				200
Elective to be taken from other School		4	25	25	50	100
MEVS 475	Disaster Management (Elective for other Schools)	4	25	25	50	100

Legends:
CIA: Continuous Internal Assessment
MSE: Mid Semester Exam
ESE: End Semester Exam

Annexure-G
Department of Animal Sciences and Wild Life

1. Name of the Department – **Department of Animal Sciences and Wildlife**
2. Year of establishment - **2016**
3. Is the Department part of a School/Faculty of the university? **Yes, School, School of Life Sciences**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) –PG, Integrated M.Phil-Ph.D. Programme

S.No.	Programme	Duration	Nature	Intake
1.	Integrated Masters Course in Zoology	Five Year	Fulltime	30 students

5. Interdisciplinary programmes and departments involved –

S.No.	Programme	Semester	Department
1.	Foundation Course	I-	Centre for Molecular Biology-
2.	Interdisciplinary Elective	I-	Department of English-

6. Courses in collaboration with other universities, industries, foreign institutions, etc. **–NIL**
7. Details of programmes discontinued, if any, with reasons **-NIL**
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: **Semester, Choice Based Credit System (CBCS)**
9. Participation of the department in the courses offered by other departments – **Yes (Department of Plant Sciences, Department of Chemistry and Chemical Sciences)**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate /Professors / Asst. Professors/others)

Teaching post	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	1 (on contract)
Associate Professors	2	-	-
Assistant Professors	4	4	4
Others	-	1	

11. Faculty profile with name, qualification, designation and specialization, experience and research guidance

Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D./ M.Phil students guided for the last 4 years
Dr. N. K. Tripathi	M.Sc. Ph.D.	Professor & Head	Cytogenetics and Cyto-toxicology	32	Ph.D. 15 M.Phil. 10
Dr. Vinita Sharma	M.Sc. Ph.D. SLET	Assistant Professor	Zoology; Ecology and Evolutionary Biology; Wildlife and Conservation Biology; Phylo-geography and phylo-gentics; Wildlife Forensics	12	Nil
Dr. Anjali Dhar	M.Sc. M.Phil Ph.D.	Assistant Professor	Entomology	8.5	Nil
Dr. Shvetambri Jasrotia	M.Sc. M.Phil. Ph.D.	Assistant Professor	Limnology	11	Nil
Ms. Stanzin Ladol	M.Sc. NET	Assistant Professor	Genetics and Neurobiology	NIL	Nil

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - **NIL**

13. Percentage of classes taken by temporary faculty–programme-wise information **- NIL**

14. Programme-wise Student Teacher Ratio 6:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual – **02 (Staff members: Out-sourced)**

16. Research thrust areas as recognized by major funding agencies - **NIL**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

    NIL

18. Inter-institutional collaborative projects and associated grants received.

    a) National collaboration b) International collaboration **- NIL**

19. Departmental projects funded by DST -FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. –**NIL (Will proceed for this in near future)**

20. Research facility/centre with

    • State recognition Nil

    • National recognition Yes

    • International recognition Nil

    - Willing to establish research laboratory with all amenities.

21. Special research laboratories sponsored by/created by industry or corporate bodies **-NIL**

22. Publications:

a) Dr. N.K. Tripathi : 49 (cumulative)

b) Dr. Shvetambri Jasrotia

(Research papers: 14; Chapters in book: 02)

1. Physico-Chemical Assessment of River Chenab, Jammu And Kashmir. *European Journal of Pharmaceutical and Medical Research*. (2015), 2 (4):1048-1064.
2. Limnological profile of a high altitude stream, Bisheri of Banihal of Jammu and Kashmir, India. *International Journal of Recent Scientific Research*. (2015). 6(3): 3162 – 3167
3. Comparative diversity of rotifers inhabiting some waters of Shivalik foothills. Journal of Science. (2014) 4(8). 517 – 521.
4. Habitat preference of rotifers in some subtropical waters of lower Shivaliks. *Journal of International Academic Research for Multidisciplinary*. (2014) 2 (8). 56-67.
5. Icthyofaunal Diversity of River Chenab: A Case Study. International Journal of Lakes and Rivers. (2014) 7 (1). 55-62

6. Habitat Preference of Rotifers inhabiting some Waters of Jammu province, J&K, India. *International Research Journal of Biological Sciences.* (2013) 2(6):1-6.
7. A New Record of Rotifer (family Dicranophoridae) from Survey of some Pir Panjal Waters, J&K, India. *International Research Journal of Environmental Sciences.* (2013).2(4): 50-52.
8. Macrophytes as a habitat of Macrobenthic invertebrates. *In*: H.S. Sehgal and G. K. Sehgal (Eds.). *Proc. 22nd National Symposium on recent advances in Zoological Sciences: Applications to Agriculture, Environment and Human Health, Nov. 6-7 2008,* (2011):81-88.
9. Community Structure of Macrobenthic Invertebrates inhabiting a Central Himalayan River, Tawi. *International Journal of Lakes and Rivers* (2011), 4(1): 133 – 143.
10. Phytoplanktonic diversity and seasonal fluctuations in Surinsar Wetland, Jammu (J&K) – A Ramsar Site. *International Journal of Applied Environmental Sciences* (2010), 5(1): 39-48.
11. Physico-chemical assessment of three freshwater ponds of Jammu (J&K). *Current World Environment* (2009), 4 (2): 367-373.
12. Rotatorian taxonomy of a subtropical freshwater pond of Jammu (J&K). *National Journal of Life Sciences* (2009), 6 (2): 163-166.
13. Distributional pattern of Cladocera in Sub-tropical freshwater Lake Surinsar, Jammu (J&K). *Oikoassay* (2009), 22 (1&2).
14. Taxonomy of Rotifer {Rotifera: Eurotatoria} from two perennial freshwater ponds of Jammu, Jammu (J&K). *The Ecoscan* (2009). 3 (3&4): 251-254.

CHAPTERS IN BOOK:

1. Bioindicators. *Water Pollution and Management (2011).* Biotech Books, New Delhi.
2. Bioremediation. *Water Pollution and Management (2011).* Biotech Books, New Del

c) Dr. Anjali Dhar:

(Research papers: 02; Proceedings: 05; Chapters in book: 02; Popular articles: 02)

1. 2014: Tribal life and sustainable development, environmental Solutions. Voyager-A Journal of Life Sciences. Volume V. 0976-7436
2. 2014: Age associated changes in the Reproductive tract of spodoptera Litura (noctuidae:lepidoptera). Voyager-A Journal of Life sciences. Volume V. 0976-7436
3. Dhar,Anjali and Sehgal, S.S (2012): The influence on the age on the Reproductive capacities of tobacco Caterpillar moth, spodoptera litura (fabricius). In national seminar on the relevance of traditional areas of biological study.
4. Dhar, Anjali (2003) Potential application and improvement of a parastoid, a Review of artificial selection for Insecticidal resistance and Introduction of natural enemies for Biological control. Neeraj Publications.
5. Dhar, Anjali (2003): Population dynamics and reproductive biology of Gyrodactylid monogean, a review. Neeraj Publications
6. Dhar Anjali, Singh Kusum and Khan Iqbal (2004): Insects are the study Models of biological diversity and Conservation with reference to Their relation with

microbial Community. In proceedings of national seminar and training workshop on the impact of changing climate on biodiversity.

7. Seth, R.K., Baweja, Varsha and Dhar, Anjali (1998): Ascertaining the Bioinfectivity potential of Entomogenous nematodes on f-1 Progeny of irradiated spodoptera Litura. In proceedings of IST conference on area wide control of insect pests.

d) Dr. Vinita Sharma

(Research papers: 07; Proceedings: 05; Chapters in book: 01; Reports: 01)

1. **Vinita Sharma**, Mohd. Raza, Khursheed Ahmed, Parag Nigam, Anjara Anjum Khan, Chandra Prakash Sharma, Vipin Sharma and Surendra Prakash Goyal (2016): O**pportunistic occurrence, significance and conservation implications of Tricho-morphometrics: Large wild herbivores of Chang Chenmo Valley, Ladakh, India.** *International Journal of Advanced Research*. Vol. 4, Issue 12. 980-988. Impact Factor 5.336

2. Vipin, **Vinita Sharma** and Chandra Prakash Sharma (2016): Identification of Substitute Ivory Product in Illigal Wildlife Trade using Morphological and DNA based analysis in Wildlife Forensics in India. *International Journal of Allied Practice, Research and Review*. Vol. III, Issue IX. 01-08. Impact Factor 2.662 http://ijaprr.com/download/issue/Volume_III/Issue_IX/129_Volume_III_Issue_IX_01-08_Vipin,_Vinita.pdf

3. Vipin, **Vinita Sharma** and Mukesh (2016): A Novel Model Approach for Detecting Wild Animals through Blood Fed Mosquitoes: Scope in Indirect Wildlife Sampling and Wildlife Forensics. *International Journal of Allied Practice, Research and Review.* Vol. III, Issue VIII. 01-08. Impact Factor 2.662 http://ijaprr.com/download/issue/Volume_III/Issue_VIII/128_Volume_III_Issue_VIII_01-08_Vipin,_Vinita.pdf

4. Vipin, **Vinita Sharma**, Chandra Prakash Sharma, Ved P. Kumar and Surendra P. Goyal: Pioneer identification of fake claws using morphometric and DNA-based analysis in wildlife forensics in India. Forensic Science International, 266. 226-233. **http://dx.doi.org/10.1016/j.forsciint.2016.05.024. Impact Factor 2.140. ISSN: 0379-0738**

5. Vipin, **Sharma, V**., Mukesh and Prasad, A. (2013): Population genetic structure of *Anopheles stephensi* in Northwestern India. In proceedings of XIIth International Conference on Vector and Vector Borne Diseases held on 16th-18th, September organized by Mohanlal Sukhadia University, Udaipur and NAVBD, Bhubaneshwar. pp. 96-102.

6. Chhaya Bhatnagar, Rekha Salvi, Meenakshi Mahur**,** Vijay Kumar Koli, Karnika Jani and **Vinita Sharma** (2008): Chiropteran diversity of Udaipur City in Proceedings of "Conservation and Utilization of National Resources and their role in Sustainable Development" held on 18th -19th October, 2008 at Jhunjhunu. pp. 113-115.

7. Chhaya Bhatnagar, Karnika Jani, **Vinita Sharma,** Meenakshi Mahur**,** Rekha Salvi and Arti Prasad (2008): Aquatic bird diversity of Lake Bari (A component of Udaipur Important Bird Area) with special note on its habitat management. In Proceedings of Taal 2007: The 12th World Lake Conference (From 28th October – 2nd November, 2007) organized by Ministry of Environment and Forests in the joint collaboration of International Lake Environment Committee (ILEC). Editors: Sengupta, M. and Dalwani, R. pp. 554-557.

8. Chhaya Bhatnagar, Karnika Jani and **Vinita Sharma** (2007): Vanishing habitats of aquatic birds in the City of Lakes, Udaipur: A case study. **The Indian Forester,** Vol.133, No. 10: 1395-1402.

9. Chhaya Bhatnagar, **Vinita Sharma,** and Karnika Jani (2007): An annotated study of mammalian fauna of Sajjangarh Wildlife Sanctuary, Udaipur, Rajasthan (India). Online- http://www.mekonginfo.org

10. Chhaya Bhatnagar, **Vinita Sharma**, Karnika Jani and Nidhi Gill (2007): Primary productivity and energy flow in Jhamri Dam. Proceedings of DAE-BRNS National Symposium on Limnology (NSL-07) held on February 19th-21st, 2007 at Udaipur. pp. 233-235.

11. Chhaya Bhatnagar, **Vinita Sharma**, Karnika Jani and Nidhi Gill (2007): Plankton and Ichthyo-fauna of Jhamri Dam, Udaipur, Rajasthan. Proceedings of DAE-BRNS National Symposium on Limnology (NSL-07) held on February 19th-21st, 2007 at Udaipur. pp. 236-238.

12. **Vinita Sharma,** Karnika Jani and Chhaya Bhatnagar (2005): Biodiversity of mammals in Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur: An attempt to study the habitat preference of some. **Bulletin of Biological Sciences,** Volume IV, Issue I: 39-44.

CHAPTERS IN BOOK : 01

1. Chhaya Bhatnagar and **Vinita Sharma** (2007): Diversity and distribution of mammals in Sajjangarh Wildlife Sanctuary: The impact of Ecotourism. IN. Environmental Management Practices: An Indian Outlook. Himanshu Publications, Udaipur. pp.314-320. ISBN:81-7906-170-1

Project report : 01

1. "Assessment of Avifaunal Diversity of Jhunjhunu, District Rajasthan (including migratory species) in reference to their Conservation Perspective to Department of Science and Technology

23. Details of patents and income generated **-NIL**

24. Areas of consultancy and income generated **-NA**

25.Faculty selected nationally / internationally to visit other laboratories / institutions industries in India and abroad. **- NIL**

26. Faculty serving in

a) National committees

Dr. Vinita Sharma: Department of Science and Technology (DST) - National Children Science Congress (NCSC) 2016 as evaluator

b) International committees

c) Editorial Boards

d) Any other (please specify)

- **Dr. N. K Tripathi** **Professor and Head**
- Editorial board: Nucleus
- Member of Indian Science Congress- J& K Chapter
- **Dr. Shvetambri Jasrotia** **Assistant Professor**
- Life Member Indian Science Congress Association.
- Inland Fishery Society of India.

- Association of Progressive Zoologists
- **Dr. Vinita Sharma** **Assistant Professor**
- Editorial Board:
  - Life Science Leaflets Journal **ISSN : 0976 – 1098**
  - "International Journal of Allied Practice, Research and Review (IJAPRR)" approved by National Institute of Science Communication And Information Resources (NISCAIR) **ISSN : 2350-1294**
- Reviewer:
  - Current Science. **Impact Factor 0.926. ISSN : 0011-3891**
  - Pearson Education Ltd.
- Academic Memberships:
  - Life Member of Indian Science Congress Association
  - IUCN-CEM (The Commission on Ecosystem Management)
  - IUCN-Species Survival Commission ISSG
  - Fellow of The Society of Earth Scientists (SES), India
  - Fellow of International Safety Quality Environment Management Association(ISQEM), London,UK
  - Snow Leopard Network
  - International Society of Zoological Sciences (ISZS)
  - Indian Polar Research Network (IPRN)
  - Eco-Ethics International Union EEIU
  - Society for Research in Ecology and Environment (SREE), Bharatpur
  - Rajasthan Zoologists Group
  - Ramsar Forum
  - CAWST - Centre for Affordable Water & Sanitation Technology, Canada
  - BioNET-INTERNATIONAL Secretariat, United Kingdom

27. Faculty recharging strategies (UGC, ASC, Refresher /orientation programs, workshops, training programs and similar programs). –

a) Dr. Shvetambri Jasrotia

CONFERENCES ATTENDED

1. International Symposium on current issues in Zoology & Environmental Science, Departments of Zoology and Biotechnology, DDU, Gorakhpur University, Gorakhpur {11th – 13th Nov., 2006}.
2. 3rd J&K State Science Congress, University of Jammu, Jammu. {26th – 28th Feb, 2008}.

3. 5th J&K State Science Congress, University of Jammu, Jammu {8th – 10th February, 2010}.
4. National Seminar on Impact of trends in climatic changes on bio-diversity and Faunistic Systems. (Held at department of Zoology & Environmental Sciences, Gurukul Kangri Vishwavidhalaya, Haridwar, in association with Indian Academy of Environmental Sciences, Haridwar, (19th – 21st , February – 2010).
5. National Seminar on Climate change and its impact on biological communities (CCIBC-2011). Dr. R.M.L. Avadh University, Faizabad- 224001. {Jan 21&22, 2011}.
6. 7th JK Science Congress – JKSC- 11, University of Jammu, Jammu. {October 13th – 15th, 2011}.
7. 101st Indian Science Congress, University of Jammu, Jammu from February 3 to 7, 2014.
8. National Seminar on Biodiversity: Sustainable Development and Conservation. Under UGC-SAP Programme, DST PURSE (GOI). 6th to 8th March 2014.
9. National Conference on Environmental Issues, Concerns and Solutions (EICS-2014). Organised by Department of Environmental Sciences, University of Jammu under DST-PURSE Scheme & UGC Special Assistance Programme (SAP).
10. 10th JK Science Congress, 14th to 16th March, 2015.
11. National Seminar on Science and Technology for Human Development March 25th to March 27th, 2015, Jammu Chapter, ISCA.

b) Dr. Anjali Dhar

Conferences/Seminar/Workshop attended:

1. Participated in "Bioinformatics Training Programme for College Teachers" at Sri Venkateswara College, University of Delhi organized by DBT funded Bioinformatics Center (7th -9 th February, 2013).
2. UGC sponsored National Seminar on "Relevance of traditional areas of biological study in modern context " organized by Department of Zoology, Janta Vedic College, Baraut, U.P on 6th – 7th , October, 2012.
3. **Attended 40th Animal Convention of Chemists, 2003 at Jhansi**
4. Attended 16th National Congress of Parasitology on 31st October-2nd November, 2002 organized by M.J.P.Rohilkhand University, Bareilly.

c) Dr. Vinita Sharma

List of Conferences / Seminar / Symposia/Training/Workshop attended: 35 (International 02+ National 33)

International Conferences / Seminar / Symposia attended:

1. 12th World Lake Conference Taal 2007, "Conserving Lakes and Wetlands for Future" at Jaipur from 28th October–2nd November, 2007 organized by MoEF in the joint collaboration of International Lake Environment Committee (ILEC). **Presented poster entitled:** Aquatic Bird Diversity of Lake Bari (A Component of Udaipur Important Bird Area) with a Special Note on Its Habitat Management.
2. International Conference on Environment Management Practices in India: Issues, Imperatives and Implications organized by Pacific Institute of Management, Udaipur from March 3-5, 2006. **(Presented Oral Paper entitled:** Diversity and distribution of mammals in Sajjangarh Wildlife Sanctuary: The impact of Ecotourism).

National Conferences / Seminar / Symposia attended:

1. XXXth Annual Research Seminar (ARS) of Wildlife Institute of India, Dehradun on 29th – 30th, September, 2016
2. National Seminar on "Translational Research in Biotechnology for improving Animal Health and production" and 3rd Annual Meeting of Society for Veterinary Science and Biotechnology held on October 7th -8th, 2015 at Bikaner, Rajasthan. (**Poster/First Prize:** Pioneer identification of fake tiger claws using morphometric and DNA based analysis in wildlife forensics in India.)
3. XXIX Annual Research Seminar (ARS), WII, Dehradun held on September 3rd -4th, 2015. **Poster**
4. XXVIII Annual Research Seminar (ARS), WII, Dehradun held on August 21st, 2014.
5. XXVII Annual Research Seminar (ARS) of Wildlife Institute of India, Dehradun held on September 30th, 2013 to October 1st, 2013. (**Poster entitled:** "Wildlife Forensic Cell: Achievements and Learning during 2012-2013").
6. UGC sponsored National Seminar on Ecotoxicology, Impacts and Challenges on Biodiversity organized by Department of Zoology, Vinodini P.G. College, Rajota, Khetri, Jhunjhunu, Rajasthan from February 26th -27th, 2011.
7. Participated in "Young Ecologists Talk and Interact" a Student Conference held at Indian Institute of Science, Bangalore, India from October 5th – 7th, 2010.
8. UGC sponsored National Seminar on Yoga for Healthy Living and Fitness organized by Seth Motilal (PG) College, Jhunjhunu, Rajasthan held on February 22nd–23rd, 2010.

9. UGC, New Delhi sponsored National Seminar on "Quality Assurance in the Institutions of Higher Education" organized by Seth Motilal (PG) College, Jhunjhunu (Rajasthan) held on February 19th -20th , 2010. (**Oral Paper entitled**: Why there is a Cry-"Quality of Higher Education must be assured?" Just Think).
10. UGC, New Delhi sponsored National Seminar on "Conservation and Utilization of Natural Resources and their Role in Sustainable Development" organized by Seth Motilal (PG) College, Jhunjhunu (Rajasthan) held on October 18th–19th, 2008. (**Oral Paper entitled:** Chiropteran diversity of Udaipur City).
11. UGC, New Delhi and NAAC, Banglore sponsored National Seminar on "Quality Assurance in the Institutions of Higher Education" organized by Seth Motilal (PG) College, Jhunjhunu (Rajasthan) held on August 3rd– 4th, 2008.
12. National Conference on "Biodiversity and Conservation-Social, Economical and Environmental Issue including Pollution and Patent Laws" at Rama Devi Mahila Mahavidyalaya, Nua, Jhunjhunu held on December 10th-11th, 2007. O**ral paper entitled:** Diversity and Conservation Status of mammals of Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur and **awarded as Best Paper Presentation-II** in the technical session.
13. DAE-BRNS National Symposium on Limnology (NSL-07) held at College of Fisheries, MPUAT, Udaipur on February 19-21, 2007. (**Poster entitled:** Plankton and Ichthyo-fauna of Jhamri Dam, Udaipur, Rajasthan).
14. UGC Sponsored National Conference on Conservation and Management of Faunal Diversity of Rajasthan organized by Department of Zoology, R.L.Saharia Government PG College, Kaladera, Jaipur held from 11th to 13th August, 2006. (**Oral Paper entitled:** Threatened mammals of Sajjangarh Wildlife Sanctuary. **Awarded Consolation Prize** in the Young Scientist Award Session).
15. 18th Annual Conference of National Environmental Science Academy, New Delhi: Recent Trends in Environmental Sciences held at J.B. Institute of Engineering and Technology, Yenkapally, Moinabad Mandal, Hyderabad from October 25th -27th, 2005. (**Oral Paper entitled:** Biodiversity of mammals in Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur: An attempt to study the habitat preference of some).
16. 7th Annual Conference of Society of Science and Environment organized by Department of Zoology, MLSU, Udaipur from September 17th -18th, 2005. (**Poster entitled:** Study on the distribution of some large mammals on the basis of habitat preference in Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur).
17. 20th Annual Conference of Indian Academy of Neurosciences held at Department of Zoology, MLSU, Udaipur (February 21st -23rd, 2003).

18. National Conference on Environmental Biology organized by Department of Biosciences, Saurashtra University, Rajkot. (October 17th -18th, 2002).

National Training / Workshop attended: 16

1. One day workshop on nature photography by Canon India held on 1st August, 2015 at Wildlife Institute of India, Dehradun, Uttarakhand.
2. Two days workshop on Human-Wildlife Interactions and Management of Invasive Alien Species held at Wildlife Institute of India, Dehradun on 23rd and 24th July, 2014.
3. Short-term training on Identification of herpeto-faunal species in wildlife trade on the basis of morphological features at Chennai Snake Park, Chennai from 14th to 16th July, 2014.
4. One day workshop on Spring Bird Festival of Uttarakhand state at WII, Dehradun on 7th February. 2014.
5. Two day workshop on "Spatially Explicit Capture Mark Recapture Animal Abundance Estimation" held at WII on February, 26th and 27th, 2014
6. National Workshop jointly conducted by Centre for Ecological Sciences CES, Indian Institute of Science IISc, Banglore and Laboratory for the Conservation of Endangered Species (LaCONES), Centre for Cellular and Molecular Biology (CCMB), Hyderabad on Application of Non-Invasive Technology to Wildlife Endocrine Assessment from February 7-9, 2012.
7. National Council of Science and Technology Communication, DST, Government of India sponsored five days Training Workshop on "Science Communication through Digital Media" conducted in association with MKB School, Jaipur and Vaigyanik Drishtikon Society under Golden Jubilee Celebrations of MLSU, Udaipur at Internet Center, Vigyan Bhawan, MLSU, Udaipur from May 11th-15th, 2011.
8. Ministry of Environment and Forests, Government of India sponsored seven days Training Workshop on Systematics and Evolution conducted by Centre for Environmental Management of Degraded Ecosystems CEMDE, University of Delhi from March 9th -15th, 2011.
9. Department of Science and Technology, Government of India sponsored training workshop on "Role of Scientists in Biodiversity Conservation" conducted by Wildlife Institute of India, Dehradun from October 25th – 29th , 2010.
10. One Day workshop on "Digital Alternatives to Animal Use in Dissection" organized by Department of Zoology, University College of Science, MLSU, Udaipur in association with Mahatma Gandhi Doerenkamp Center for Alternatives to use of Animal in Life Science Education, Tiruchirapalli, Tamilnadu on 11th February, 2010.
11. State Level Workshop on "Faunal and Floral Diversity of Rajasthan: Importance and Conservation" organized by Society for Research in Ecology

and Environment, Bharatpur in collaboration with Forest Department, Keoladeo National Park, Bharatpur and Maharani Shri Jaya PG College, Bharatpur (Rajasthan) for PG students and Wildlife Researchers from December 27th -28th , 2006. **Awarded First Prize of Best Student Participant**.

12. Six-Week Technology based Entrepreneurship Development Program on Digital Photography and Videography from December 15, 2005 to January 25, 2006 at Department of Geology, MLSU, Udaipur.
13. UGC-Infonet One-Day User Awareness Programme on 19th October, 2005 at University Central Library, MLSU, Udaipur.
14. One-Day workshop on 29th March, 2005 on Development of Ecotourism organized by Department of Forests, Udaipur, Rajasthan.
15. Workshop on Awareness of Biotechnology on March 28th, 2005 organized by Department of Biotechnology, College of Science, MLSU, Udaipur.
16. Three Days practical training workshop from October 25th-27th, 2004 on Animal Tissue Culture, organized by National Centre for Cell Science, Pune and Department of Zoology, MLSU, Udaipur

d) Ms. Stanzin Ladol (Assistant Professor)

Conference and Workshops attended

1. Poster presentation at "11th Asian and Oceanian Epilepsy Congress" organized by International League Against Epilepsy at Convention and Exhibition Centre, Wan Chai, Hong Kong; 13th-16th May 2016.
2. Poster presentation at International Conference on "Biomaterials, Biodiagnostics, Tissue Engineering, Drug Delivery and Regenerative Medicine" organized by Centre for Biomedical Engineering, Indian Institute of Technology, New Delhi; 15th-17th April 2016.
3. Participated in a four day workshop on "Recent Trends in Biomaterials, Biodiagnostics, Tissue Engineering, Drug Delivery and Regenerative Medicine" organized by Centre for Biomedical Engineering, Indian Institute of Technology, New Delhi; 14th-17th April 2016.
4. Participated in the National Conference on "Environmental Pollutions: Impact Assessment and Remediation" organized by School of Environmental Sciences, JNU, New Delhi; 18th -19th March 2016.
5. Poster presentation at Science Day 2016 organized by Jawaharlal Nehru University, New Delhi.
6. Participated in National Symposium on "Geogenic Contamination of Groundwater: Its Impact and Mitigation Strategies" (GCG 2016) at TERI University, New Delhi.
7. Poster presentation at the International Conference on "Innovative Research in Biotechnology, Biomedical Sciences, Bioinformatics and Stem Cell Applications (BSC)" organized by the Krishi Sanskriti at Jawaharlal Nehru University, New Delhi; 30th January 2016.

8. Participated in National Seminar on "Recent Trends in Nano-Bio interface" organized by the Special Centre for Nanosciences, Jawaharlal Nehru University, New Delhi; 18th December 2015.
9. Participated in the International Conference on "Neurosciences: Brain plasticity and Neurological Disorders" organized by the Department of Zoology, School of Life Sciences, Rawenshaw University at Cuttack, Odisha, India; 9th -11th November 2013.

28. Student projects

- Percentage of students who have done in-house projects including inter-departmental projects - **NIL**
- Percentage of students doing projects in collaboration with other universities/industry/ institute - **NIL**

29. Awards /recognitions received at the national and international level by

- Faculty –

1. Dr. Shvetambri Jasrotia:

- **Awarded Fastrack Young Scientist,** Science and Engineering Research Board (SERB), Department of Science and Technology, N.Delhi, GOI.
- **Second prize in the best oral presentation in the young research scholar category.** (National seminar on impact of trends in Climatic changes on Bio-diversity and Faunistic systems. Held at department of Zoology & Environmental Sciences, Gurukul Kangri Vishwavidyalaya, Haridwar, in association with Indian Academy of Environmental Sciences, Haridwar, (February – 2010).

2. Dr. Anjali Dhar

- Gold Medal, University level
- Achievers awards from JKVM
- National Scholarship at Secondary level

3. Dr. Vinita Sharma

- Fellow of International Safety Quality Environment Management Association (ISQEM), London,UK and entitled to use the designation of FISQEM.
- First Prize in Poster Presentation: National Seminar on "Translational Research in Biotechnology for improving Animal Health and production" and 3rd Annual Meeting of Society for Veterinary Science and Biotechnology held on October 7th -8th, 2015 at Bikaner, Rajasthan. (**Poster/First Prize:** Pioneer identification of fake tiger claws using morphometric and DNA based analysis in wildlife forensics in India.)
- **Best Paper Presentation – II**: National Conference on "Biodiversity and Conservation-Social, Economical and Environmental Issue including Pollution and Patent Laws" at Rama Devi Mahila Mahavidyalaya, Nua, Jhunjhunu held on

December 10th-11th, 2007. (**Oral paper entitled:** Diversity and Conservation Status of mammals of Sajjangarh Wildlife Sanctuary, Udaipur Wildlife Division, Udaipur.

- **Consolation Prize in the Young Scientist Award Session**: UGC Sponsored National Conference on Conservation and Management of Faunal Diversity of Rajasthan organized by Department of Zoology, R.L.Saharia Government PG College, Kaladera, Jaipur held from 11th to 13th August, 2006. (**Oral Paper entitled:** Threatened mammals of Sajjangarh Wildlife Sanctuary).
- **First Prize of Best Student Participant:** State Level Workshop on "Faunal and Floral Diversity of Rajasthan: Importance and Conservation" organized by Society for Research in Ecology and Environment, Bharatpur in collaboration with Forest Department, Keoladeo National Park, Bharatpur and Maharani Shri Jaya PG College, Bharatpur (Rajasthan) for PG students and Wildlife Researchers from December 27th -28th , 2006.
- **First position**: District level quiz competition held on 26/08/1996 at Udaipur, Rajasthan and achieved first position in the contest and selected for state level competition.
- **Consolation prize**: Anchor 'On-the-spot Embroidery Contest' held on 13/01/1996 at R.M.V., Udaipur.
- **Second prize**: Camel Ink Handwriting competition held on 08/09/1994 at Rajasthan Mahila Vidhyalaya, Udaipur.

• Doctoral /post doctoral fellows-**NIL**

• Students - **NIL**

30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.

• Department of Animal Sciences and Wildlife and Department of Plant Sciences, CUJ in collaboration with Department of Wildlife and Protection, Jammu and Kashmir and Indian Science Congress Association (ISCA)- Jammu Chapter organized one day workshop on 5th October, 2016 entitled "Wildlife Conservation & Awareness: An Alarming call...???" on the occasion of 65th Wildlife Week Celebrations. The event was funded by Indian Science Congress Association (ISCA)- Jammu Chapter

31. Code of ethics for research followed by the departments.-**NA**

32. Student profile programme-wise**:**

Name of Programme	Application received	Selected		Pass percentage	
		Male	Female	Male	Female
M.Sc. Integrated Zoology	30	4	20	NA	NA

33. Diversity of students

Name of the Programme % of students from same university	% of students from other universities within the State	% of students from universities outside the State	% of students from outside other countries
NA	NA	NA	NA

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations?

Give details category-wise. - **NIL**

35. Student progression – **NA now**

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	NIL
from other universities within the State	2
from universities from other States	3
from universities outside the country	NIL

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period **- NA**

38. Present details of departmental infrastructural facilities with regard to

a) Library – **Students are using Central Library facility**

b) Internet facilities for staff and students –**Yes**

c) Total number of class rooms - **One**

d) Class rooms with ICT facility - **One**

e) Students' laboratories - **One**

f) Research laboratories -**NIL**

39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university **-NIL**

b) from other institutions/universities -**NIL**

40. Number of post graduate students getting financial assistance from university- **NIL**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. -**NA**

42. Does the department obtain feedback from:

i. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? - In initial phase.

ii. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? In initial phase.

iii. alumni and employers on the programmes offered and how does the department utilize the feedback? -NA

43. List the distinguished alumni of the department (maximum 10) -**NIL**

44. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts. **- NIL**

45. List the teaching methods adopted by the faculty for different programmes.

- Using advanced teaching aids,
- Seminars & presentations
- Interactive sessions

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- **By continuous involvement of faculties to ensure the progress of students.**

47. Highlight the participation of students and faculty in extension activities. **NIL at present**

48. Give details of "beyond syllabus scholarly activities" of the department.

- **Seminars and tutorial activities, interactive sessions.**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. **NA**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **In initiation and developing phase.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength:
Well qualified faculty with having national and international reputes, handling various projects, potential and specialized in varied fields of zoology, ready to take up challenges.
Weaknesses:
Since department is in its initial phase, the infrastructural constraint is the main weakness
Opportunities:
There will be ample opportunities for academic and personal development for faculty and students of the department in due course of time.
Challenges:
To achieve the self set goals for development of department

52. Future plans of the department.
Apart of introducing innovative teaching methodologies, the core plan of the Department is to develop high quality research in collaborations with leading institutions of national and international repute. With eminent aim to develop the department as Centre of Excellence.

Annexure-H
Department of Plant Sciences

Course Matrix: M. Sc. Integrated Botany

Semester II

Course code	Course Title	Credit
ICBOT2C001T	Phycology	4
ICBOT2C002L	Phycology Lab	2
ICCHM2C001T	Chemistry-II	4
ICCHM2C002L	Chemistry Lab-II	2
ICZOL2C001T	Zoology-II	4
ICZOL2C002L	Zoology Lab-II	2
ICZOL2F001T	Foundation Course	4
	Interdisciplinary Course	2
Total credits		24

Details of Faculty

Department/school	% of faculty from the same University	% of faculty from other universities within the state	% of faculty from other universities outside the state	% of faculty from other countries
Plant Sciences	Nil	25	75	Nil

What percentage of the faculty have been

- invited as resource persons in workshops/Seminars/ Conferences organized by external professional agencies? 50% (if only aug- dec data to be taken then Nil)
- participated external Workshops/Seminars/Conferences recognized by national/international professional bodies? 100% (if only aug- dec data to be taken then **25%)**
- presented papers in Workshops/Seminars/Conferences conducted or recognized by professional agencies? 100% (if only aug- dec data to be taken then Nil)
- teaching experience in other universities/national institutions and other institutions? **75%**
- industrial engagement? **nil**
- international experience in teaching? **Nil**

On-going Research Projects of Faculty:

S. No.	Title of the Project	PI	Funding Agency	Amount Sanctioned (in Lakhs)	Year / Duration
1	Study of synergistic effect of dietary molecules/ nutraceutical(s) in combination with clinically validated cancer chemotherapeutic agents	Dr. Samantha Vaishnavi	UGC, New Delhi	14.05	2015 -18 (3years)
2	Unravelling the role of Calmodulin (CaM), a calcium dependent protein in potato	Dr. Deepak Kumar	SERB, DST, New Delhi	42.52	2016 – 20 (4 years)

Publications of Faculty Members:

Author(s) name	Year of publication	Title	Journal name	Page no., Vol. No.	
Kumar K, **Srivastava V,** Purayannur S, Kaladhar V, Cheruvu PJ, Verma PK.		WRKY domain-encoding genes of a crop legume chickpea (Cicer arietinum): Comparative analysis with Medicago truncatula WRKY family and characterization of group-III gene(s).	DNA Research		doi: 10.1093/dnares/dsw010
Srivastava V. and Verma PK.	2015	Genome Wide Identification of LIM Genes in Cicer arietinum and Response of Ca-2LIMs in Development, Hormone and Pathogenic Stress.	PloS one		10(9), p.e0138719
Mehrotra S, **Srivastava V**, Rahman LU, Kukreja AK.	2015	Hairy root Biotechnology-Indicative timeline to understand missing links and future outlook	Protoplasma		1-13
Mehrotra S, Goel MK, **Srivastava V**, Rahman LU.	2015	Hairy root biotechnology of Rauwolfia serpentina: a potent approach for the production of pharmaceutically important terpenoid indole alkaloids	Biotechnology letters		37: 253-263.

Mehrotra S, **Srivastava V**, Rahman LU, Kukreja AK.	2013	Overexpression of a Catharanthus tryptophan decarboxylase (tdc) gene leads to enhanced terpenoid indole alkaloid (TIA) production in transgenic hairy root lines of Rauwolfia serpentina.	Plant Cell Tissue Organ Culture	115; 377-384.
Srivastava V, Kaur R, Chattopahyay SK, Banerjee S.	2013	Production of industrially important cosmaceutical and pharmaceutical derivatives of betuligenol by Atropa belladonna hairy root mediated biotransformation	Industrial Crops and Products	44; 171–175
Srivastava V, Negi AS, Ajayakumar PV, Khan SA, Banerjee S.	2012	Atropa belladonna Hairy Roots: Orchestration of Concurrent Oxidation and Reduction Reactions for Biotransformation of Carbonyl Compounds.	Applied Biochemistry and Biotechnology	166; 1401–1408.
Srivastava V, Khan SA, Banerjee S.	2009	An evaluation of genetic fidelity of encapsulated microshoots of the medicinal plant: Cineraria maritima following six months of storage.	Plant Cell Tissue Organ Culture	99; 193-197.
Bhardwaj D. Medici A, Gojon A, Lacombe B, Tuteja N.	2015	A newinsight into root responses to external cues: paradigm shift in mineral nutrient sensing.	Plant Signaling and Behaviour.	2:10. e1049791. doi: 10.1080/15592324.2015.1049791. **ISSN: 1559-2324**
Bhardwaj D, Ansari MW, Sahoo RK and Tuteja N.	2014	Biofertilizers function as key player in sustainable agriculture by improving soil fertility, plant tolerance and crop productivity.	Microbial Cell Factories	13**:**66. **ISSN: 1475-2859**
Bhardwaj D, Lakhanpaul S and Tuteja N.	2012	Wide range of interacting partners of pea Gβ subunit of G-proteins suggests its multiple functions in cell signalling.	Plant Physiol Biochem.	58:1-5
Bhardwaj D, Sheikh	2011	Stress induced beta subunit of heterotrimeric G-proteins from	Plant Signaling and Behaviour.	6:287-292

AH, Sinha AK and Tuteja N.		Pisum sativum interacts with mitogen activated protein kinase.		
Rustagi A, Shekhar S, **Kumar D**, Jayaswal A, Bhat V and Sarin NB	2016	Genetic fidelity of in vitro cultures of an elite Indian Musa (AA) variety Matti.	Advances in Plants & Agriculture Research	4(3): 00141.
Rajwanshi R, **Kumar D**, Yusuf MA, DebRoy S, Sarin NB	2016	Stress-inducible overexpression of glyoxalase I is preferable to its constitutive overxpression for abiotic stress tolerance in transgenic Brassica juncea.	Molecular Breeding	36:76
Singh P, **Kumar D,** Sarin NB	2016	Multiple abiotic stress tolerance in Vigna mungo is altered by overexpression of ALDRXV4 gene via reactive carbonyl detoxification.	Plant Molecular Biology,	91: 257-273.
Kumar D, Shekhar S, Bisht S, Kumar V, Varma A, Kumar M	2015	Ectopic Overexpression of Lectin in Transgenic Brassica juncea Plants Exhibit Resistance to Fungal Phytopathogen and Showed Alleviation to Salt and Drought Stress.	J Bioengineering & Biomedical Science.	5(1): 1-7
Rustagi A, Jain S, **Kumar D,** Jain M, Shekhar S, Bhat V, Sarin NB	2015	High efficiency transformation of banana [Musa acuminata L. cv. Matti (AA)] for enhanced tolerance to salt and drought stress through overexpression of a peanut Salinity-Induced Pathogenesis-Related class10 protein.	(Molecular Biotechnology	57: 27-35
Kumar D, Yusuf MA, Singh P, Sardar M, Sarin NB	2014	Histochemical Detection of Superoxide and H_2O_2 Accumulation in Brassica juncea seedlings	Bio-Protocol	vol 4, Issue 8.
Rustagi A, **Kumar D**, Shekhar S, Yusuf MA, Misra S, Sarin NB	2014	Transgenic Brassica juncea plants expressing MsrA1, a Synthetic Cationic Antimicrobial Peptide, Exhibit Resistance to Fungal Phytopathogens.	Molecular Biotechnology	56:535-545
Kumar D, Yusuf MA, Singh P,	2013	Modulation of antioxidant machinery in α-tocopherol enriched transgenic Brassica	Protoplasma	250: 1079-1089.

Sardar M, Sarin NB		juncea plants tolerant to abiotic stress condition.		
Singh M, **Kumar D**, Yusuf MA, Sardar M, Sarin NB	2013	Effects of wild type and α-tocopherol enriched transgenic Brassica juncea on the components of xenobiotic metabolism, antioxidant status, and oxidative stress in the liver of mice.	Transgenic Research	22: 813-822
Kumar D, Singh P, Yusuf MA, Upadhyaya CP, Hohn T, Sarin NB	2013	The Xerophyta viscosa aldose reductase (ALDRXV4) confers enhanced drought and salinity tolerance to transgenic tobacco plants by scavenging methylglyoxal and reducing the membrane damage	Molecular Biotechnology	52(2): 292-303
Jain S, **Kumar D**, Jain M, Chaudhary P, Deswal R, Sarin N.B	2012	Ectopic overexpression of a salt stress-induced pathogenesis-related class 10 protein (PR10) gene from peanut (Arachis hypogaea) affords broad spectrum abiotic stress tolerance in transgenic tobacco.	Plant Cell, Tissue and organ culture	109: 19-31.
Yusuf M.A, **Kumar D**, Rajwanshi R, Strasser R.J, Tsimilli-Michael M, Govindjee, Sarin N.B	2010	Overexpression of γ-tocopherol methyl transferase gene in transgenic Brassica juncea plants alleviates abiotic stress: Physiological and chlorophyll a fluorescence measurements.	Biochimica et Biophysica Acta-Bioenergetics	1797(8): 1428-1438.
Pandita, S. Manvati, S.K. Singh, **S. Vaishnavi** and R. N.K. Bamezai	2015	Combined effect of microRNA, nutraceuticals and drug on pancreatic cancer cell lines	Chemico-biological interactions	233:56-64 [impact factor 2.618]
Pandita, B. Kumar, S. Manvati, **S. Vaishnavi**, S. K. Singh and R. N. K. Bamezai	2014	Synergistic Combination of Gemcitabine and Dietary Molecule Induces Apoptosis in Pancreatic Cancer Cells and Down Regulates PKM2 Expression	PLOS One	9(9) [Impact Factor 3.057]
N. Dhar, S. Rana, S.	2014	Cloning and Functional Characterization of Three Branch	Journal of Biological	289: 17249-

Razdan, W. W. Bhat, A. Hussain, R. S. Dhar, **S. Vaishnavi**, A. Hamid, R. Vishwakarma and S. K. Lattoo		Point Oxidosqualene Cyclases from Withania somnifera (L.) Dunal	Chemistry	17267. [Impact Factor 4.573]
N. Dhar, S. Rana, W. W. Bhat, S. Razdan, S. A. Pandith, S. Khan, P. Dutt, R. S. Dhar, **S. Vaishnavi**, R. Vishwakarma and S. K. Lattoo	2013	Dynamics of withanolide biosynthesis in relation to temporal expression pattern of metabolic genes in Withania somnifera(L.) Dunal: a comparative study in two morpho-chemovariants	Molecular Biology Reports	40(12):7007-7016. [Impact Factor 1.698]
S. N. Raina, S. Jain, D. Sehgal, A. Kumar, T. H. Dar, V. Bhat, V. Pandey, **S. Vaishnavi**, A. Bhargav, V. Singh, V. Rani, R. Tandon, M. Tewari and A. Mahmoudi	2011	Diversity and relationships of multipurpose seabuckthorn (Hippophae L.) germplasm from the Indian Himalayas as assessed by AFLP and SAMPL markers	Genetic Resources and Crop Evolution	59: 6, (2012),1033-1053. [impact factor 1.258]
Gupta, S. K. Pal, A. Trivedi, **S. Vaishnavi**, S. Rastogi, P Srivastava, A Runthala	2010	Insilico Microarray Analysis for Helicobacter pylori Using Gene Expression Data. International	Journal of Applied Biology and Pharmaceutical Technology	1(3): 1175-1180. [impact factor 1.2653]

S. N. Raina, S Sharma, T Sasakuma, M Kishii and **S Vaishnavi**	2005	Novel repeated DNA sequences in safflower (Carthamus tinctorius L.) (Asteraceae): cloning, sequencing, and physical mapping by fluorescence in situ hybridization.	Journal of Heredity	96(4):424-429. [impact factor 2.075]
Mehrotra S, Goel MK, **Srivastava V**, Kukreja AK	2016	Scale up of Agrobacterium Rhizogenes Mediated Hairy Root Cultures of Rauwolfia serpentina: A persuasive Approach for Stable Reserpine Production	Protocols for In Vitro Cultures and Secondary Metabolite Analysis of Aromatic and Medicinal Plants, Second Edition (Methods in Molecular Biology), Editors: Jain, S.Mohan (Ed.), Springer Protocol, Humana Press	
Srivastava V, Mehrotra S, Mishra S	2016, In press	Biotransformation through hairy roots: perspective, outcome and major challenges.	Reference Series in Phytochemistry-Transgenesis and Secondary Metabolism, Editor: Sumita Jha, Springer.	
Srivastava V, Mehrotra S, Verma PK	2016, In Press	Biotechnological Interventions for Production of Therapeutic Secondary Metabolites Using Hairy Root Cultures of Medicinal Plants.	Current Developments in Biotechnology and Bioengineering, Book 8: Crop Modification, Nutrition, and Food Production, Editor: Dubey, Sangwan and Pandey, Elsevier.	
Bhardwaj D, Lakhanpaul	2013	Can G-Proteins be the Key Proteins for Overcoming Environmental Stresses and	Plant Acclimation to Environmental	ISBN 978-1-4614-5000-9

S and Tuteja N.		Increasing Crop Yield in Plants?	Stress, Tuteja N, Gill SS (Eds), Springer Science + Business Media, LLC 233 Spring Street, New York, NY 10013, USA, 461-482.	
Sahoo RK. **Bhardwaj D** and Tuteja N.	2013	Biofertilizers: A Sustainable Eco-friendly Agricultural Approach to Crop Improvement. In: Plant Acclimation to Environmental Stress,	Tuteja N, Gill SS (Eds), Springer Science + Business Media, LLC 233 Spring Street, New York, NY 10013, USA,	pp. 403-432. ISBN 978-1-4614-5000-9
Lakhanpaul S, Singh V, Kumar S, **Bhardwaj D** and Bhat KV.	2011	Sesame: Overcoming the abiotic stresses in Sesamum indicum L. – The queen of oil seed crops. In: Improving Crop Resistance to Abiotic Stress	N Tuteja, Sarvajeet S. Gill, Antonio F. Tubercio and Renu Tuteja (Eds.), Wiley-Blackwell, Wiley-VCH Verlag GmbH & Co., Germany	ISBN: 978-3-527-32840-6
Rustagi A, Shekhar S, Jain S, Kumar D and Neera Bhalla Sarin	2016	Enhancing Abiotic Stress Tolerance. In: M. Sukhada, R. Kundapura (eds.), Banana: Genomics and Transgenic Approaches for Genetic Improvement	DOI 10.1007/978-981-10-1585-4_12.	DOI 10.1007/978-981-10-1585-4_12.
V K Goswami, S Nandy, **S Vaishnavi**, A K Bhatnagar and SN Raina	2005	Indian mayapple (Podophyllum hexandrum) leaf as an alternative source of podophyllotoxin; and RAPD fingerprinting between the Indian and American (P. peltatum) mayapple In: Biodiversity – Status and Prospects	P Tandon, M Sharma, R Swarup, Narosa Publishing House, N Delhi,	pp 101-111.

Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Dr. Deepak Bhardwaj

- Invited Lecture on G-Proteins and Environmental Stress at International Centre for Genetic Engineering and Biotechnology, New Delhi. March 30, 2015.
- Attended International Symposium on Plant Behaviour and Signaling. March 7 -10 2014, New Delhi
- Attended International Conference on Plant Biotechnology for Food Security: New Frontiers February 21 -24 2012, New Delhi.
- Training on "Advance Course on Confocal Microscopy & Imaging 2009" at International Centre For Genetic Engineering and Biotechnology, November 24, 2009, New Delhi.
- Short term training program On "Physiological and molecular basis of plants adaptations todrought" at Department of Crop Physiology. University of Agricultural Science, GKVK, Bangalore, financially supported by the Indian council of Agricultural Research (ICAR), March 2 – 22, 2009. New Delhi.
- National seminar on" Relevance of Botany in the Conversation and Improvement of Plants" at Department of Botany, University Of Delhi, February 8- 9, 2006, New Delhi.

Dr. Deepak Kumar

- Advanced Tissue Culture workshop: Best Practices in Plant Cell Cultures by Society for InVitro Biology, Providence, Rhode Island, USA on June 15th , 2013.
- Training on safe handling of Radioactive sources in research applications by Jawaharlal Nehru University, New Delhi, India from 10 -14, October, 2011
- Advances in Cotton Biotechnology, workshop held at Cotton Inc. Cary, North Carolina, USA on June 4th 2011.
- Abiotic Stress Tolerance and Arachis Transformation, short training organized by Platform for Translational Research on Transgenic Crops (PTTC), ICRISAT, India, from 21 – 26, March, 2011.
- Advanced Course on Confocal Microscopy and Imaging at International Centre of Genetic Engineering and Biotechnology, New Delhi, India, by Nikon Corporation and Towa Optics.

Dr. V. Srivastava

- Participated in workshop on **"Scientific paper writing"** in National Academy of Sciences, Allahabad, India (2011).
- Participated in CIMAP Training School on **Advanced Instrumentation and Analytical Techniques for Natural products** (10th – 16th June, 2009), CSIR-CIMAP, Lucknow, India.
- Participated in CSIR sponsored CIMAP's Winter School – 2008 on **"Recent Techniques in Gene cloning, DNA Analysis and Functional Genomics"** held at Central Institute of Medicinal and Aromatic Plants during 3-12 December 2008, Lucknow, India.

Dr. S. Vaishnavi

- AICTE sponsored FDP on Carving Human Resources: Approaches and Procedures organized by School of Business, SMVD University Dec. 21, 2015 – Jan. 03, 2016.
- Attended two weeks ISTE training program on Environmental Studies conducted by Indian Institute of Technology Bombay at SMVDU-RC from 2 nd to 12 th June 2015.
- Attended two weeks ISTE workshop on Introduction to Research Methodologies conducted by Indian Institute of Technology Bombay at SMVDU-RC from 25 th June to 4 th July 2012.
- Participated in two weeks Faculty Development Programme (FDP) in entrepreneurship Organized by SICD, SMVDU in association with Entrepreneurship Development Institute, Ahmadabad from 12 th to 23 rd March, 2012.
- Participated in UGC Sponsored 93 rd Orientation programme at Academic Staff College, Jamia Milia Islamia, New Delhi July 20th – August 16, 2010.

Dr. Vikas Srivastava

- Gold Medal in B.Sc. (2004) ; Smt. Yamuna Devi Memorial Medal ; Dudgeon Memorial Medal ; Sri Ayodhya Nath Srivastava Memorial Medal ; Dr. S. N Bhattacharya Memorial Medal ; Dr. Mitra Memorial Medal ; Dr. Lalit Mohan Srivastava Memorial Medal and Scholarship.
- UGC-NET (2006) in Life Science [*University Grant Commission, India*];
- ICMR-JRF (2007) in Life Science [*Indian Council of Medical Research, India*];
- CSIR-JRF (2007) in Life Science [*Council of Scientific and Industrial Research, India*];
- GATE (2007) in Life Science [*Graduate Aptitude Test of Engineering , India*];
- ICAR-NET (2009) in Plant Physiology and Biochemistry [*Indian Council of Agriculture Research, India*];

- ICAR-NET (2010) in Basic Plant Science [*Indian Council of Agriculture Research, India*];
- DBT-Research Associateship in Biotechnology and Life Science (2014), DBT, India.
- CSIR-Research Associateship in General Biology (2015), CSIR, India.
- National Post-Doctoral fellowship (2016), SERB, India**.**

Dr. Deepak Bhardwaj

- UGC-NET (2005) in Life Science [*University Grant Commission, India*];
- CSIR-UGC-JRF (2006) in Life Science [*Council of Scientific and Industrial Research, India*];
- Best Poster Award" in the International Conference on Plant Biotechnology for Food Security: New Frontiers, 2012, New Delhi.

Dr. Deepak Kumar

- IIIrd prize in poster competition at "National Science Day 2014" organized by Jawaharlal Nehru University and Department of Science and Technology, New Delhi.
- Ist prize in Plant biotechnology student oral competitions at "2013 In Vitro Biology meeting"organized by Society for In Vitro Biology, Providence, Rhode Island, USA.
- John S. Song Foundation award by Society for In Vitro Biology, for outstanding research in Plant Tissue Culture at "2013 In Vitro Biology Meeting", Providence, Rhode Island, USA.
- Ist prize for best Poster presentation at National conference on "Recent Trends in Biosciences" organized by Sri Pratap College, Srinagar, India.
- John S. Song Foundation award by Society for In Vitro Biology, for outstanding research in Plant Tissue Culture and excellent student presentation at "2011 In Vitro Biology Meeting" from June 4-8, Raleigh, North Carolina, USA.
- SIVB Travel award by Society for In Vitro Biology, for attending the "2011 In Vitro Biology Meeting" from June 4-8, Raleigh, North Carolina, USA.
- Young Scientist travel award by Department of Science and Technology, Government of India, for attending the "2011 In Vitro Biology Meeting" from June 4-8, Raleigh, North Carolina, USA.
- Competitive travel grant by Council of Scientific and Industrial Research, India to attend the "2011 In Vitro Biology Meeting" at North Carolina and "2013 In Vitro Biology Meeting" at Providence, Rhode Island, USA.
- Encouragement award for poster presentation at "National symposium on Plant Cell Tissue and Organ Culture: The Present Scenario" at XXXI Annual meeting of Plant tissue culture association, Kolkata, India

Dr. S. Vaishnavi

- Joint CSIR-UGC National Eligibility Test (NET) for Lectureship, Dec 2001
- IAS-NASI-INSA joint Summer Research Fellow, 2011

Diversity of students

Name of the Programme	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M. Sc. Integrated Botany (5 yr)	First batch of students admitted to first year	90%	10%	nil

Student enrichment programmes (special lectures / workshops / seminar) involving external experts.

1. **Wildlife Conservation and Awareness: An Alarming Call...???** 65th Wildlife week celebrations organised by Department of Plant Sciences and Department of Animal Sciences & Wildlife, Central University of Jammu in collaboration with Department of Wildlife and Protection (J & K), Indian Science Congress Association, Kolkata (Jammu Chapter) & The Wildlife Conservation Fund (J & K) on 5th October, 2016
2. Students and faculty participated in a one day seminar on **"Relevance of Swami Vivekananda in Contemporary Time**s" organized by Swami Vivekananda Chair of Central University of Jammu on Oct. 14, 2016

Annexure-I
Department of Computer Science and IT

Participation in Faculty Development Programmes:

- **Dr. Bhavna Arora, Dr. Deepti Malhotra** attended General Orientation Courses in 2014 organized by Academic Staff College of University Jammu.
- **Dr. Bhavna Arora** attended Refresher Course in Mathematical Science from University of Jammu in December 2015
- **Er. Arvind Selwal** attended General Orientation Course during 18th May -14th June 2016 held at HRDC Punjabi University, Patiala
- **Dr. Deepti Malhotra** Attended one week workshop on Information Technology conducted by HRDC University of Jammu from **18th -24th November 2016**
- **Dr. Bhavna Arora, Er.Arvind Selwal, Dr.Deepti Malhotra, Dr.Preeti Dubey, Mr. Rakesh a**ttended one week workshop on "Recent Trends in Computer Technology" conducted by Department of Computer Science & IT, Central University of Jammu, in the month of **October 21 -28, 2016**

Workshop Organised

- Organized one week workshop on "Recent Trends in Computer Technology" conducted by Department of Computer Science & IT, Central University of Jammu, in the month of October 21 -28, 2016 (University Funding)
- Two days workshop on Android Applications, 2016

Publications:

Prof. Devanand

A. Journals (National/International)

Year 2015

1. MinuBala and DrDevanand Virtual MachinehGgration A Green CompiningApprnacii in Cloud Data Centres II ". International Conference on information and Communication Technology ICICT 2015 CSI Udaipur. pp 30, Oct 20,

2. MinuBala and DrDevanand –"Performance Evaluation of Cloud Data Centers using Various Green Computing Techniques"- IEEE. Proc of IX INDIACom 2015. International Conference on Computing for Sustainable Global Development, pp 371 376, Mar 2015, New Delhi

Year 2014

1. Challenges involved in Adding a New Team to an Ongoing Cloud Based Distributed Project, **International Journal of Advanced Research in Computer Science and Software Engineering**, Vol. 4,Issue No. 2(Co-authored)

Year 2013

1. Performance Evaluation of Large Scaled Applications using Different Load Balancing Tactics in Cloud Computing, **International Journal of Computer Applications 76(14):17- 22. August 2013 ISBN 9/1 91 1308 /1 44 0. Digital Library**
2. Robust Ramp Metering Design using Sliding Mode Control of a Hybrid Dynamical Model with Functional Uncertainties, **International Journal of Advanced Research in Computer and Communication Engineering** (IJARCCE), Vol. 2,Issue No. 8
3. Selection of Application Specific Garbage Collector in Client Class, **International Journal of Advanced Research in Computer Science and Software Engineering** (IJARCSSE), Vol. 3,Issue No. 8
4. Watermark, Hardware Parameters and License Key: An Integrated Approach of Software Protection, **International Journal of Advanced Research in Computer Science and Software Engineering** (IJARCSSE), Vol. 3,Issue No. 5
5. A survey on Data Mining: Tools, Techniques, Application, Trends and Issues, **International Journal of Scientific and Engineering Research**(IJSER),Vol. 4, Issue No. 3
6. Robust Hybrid Feedback Control Design for Ramp Metering using Sliding Mode Control, **International Journal of Advanced Research in Computer Science**, Vol. 4,Issue No. 9

2. Dr. Bhavna Arora, Assistant Professor

A) Journal Publications

1. Exploring and analyzing Internet crimes and their behaviours, Arora, Bhavna, "Perspectives in Science" (2016), http://dx.doi.org/10.1016/j.pisc.2016.06.014

2. The Cyber Warfare and Cyber Security Dynamics, Arora, Bhavna; International Journal of Scientific and Technical Advancements, pp-249-251,September 2015. ISSN-2454-152

3. A Threat Model Approach for Classification of Network Layer Attacks in WSN. Arora, Bhavna; International Journal of Computer Applications, Vol. 63 No.9,pp 5-10, February 2013. Published by Foundation of Computer Science, New York, USA. ISSN-0975-8887

4. Role of Key Management for Detection of Malicious Nodes inWireless Sensor Networks. Arora,Bhavna; International Journal of Computing Science and Communication Technologies-"TECHNIA" . January 2013,Vol. 5,Issue No.2,pp 842-846 ISSN-0974-3375

5. Security Schemes for Data Aggregation in Wireless Sensor Networks. Arora, Bhavna; PCTE Journal of Computer Sciences, July-Dec 2012. Vol 8 Issue No. 2,pp 48-52 ISSN-0973 – 4058

B) Conferences

1. Cyber Crime Threats and Impacts. Arora, Bhavna, presented and published in proceedings of National Conference on Recent Trends and Technologies in Data Science & Artificial Intelligence, organized by Department of Computer Science &

IT, Bhaderwah Campus, University of Jammu supported by IETE,CSI held on 26-27th August 2016

2. Cyber crime schemes and behaviors. Arora, Bhavna, presented in International Conference on Recent Trends in Engineering and Material Sciences (ICEMS-2016), organized by School of Engineering and Technology and School of Life & Basic Sciences, Jaipur National University, Rajasthan, supported by Computer Society of India, The Institution of Engineers, DST Rajasthan, Elsevier. During March 17-18 th 2016. ISBN 978935254230

3. The Cyber Warfare and Cyber Security Dynamics, Arora, Bhavna , presented in 3rd National Conference & Exhibition on Emerging & Innovative Trends in Engineering Technology (NCEEITET-15) held at Government College of Engineering and Technology, Jammu on 15th-16th Sept. 2015

4. Information Warfare: the Emerging Threat to Digital Economy. Arora, Bhavna: published in proceeding of 8th International Conference on Advanced Computing & Communication Technologies (ICACCT-2014)organized in association with IETE & TECHNIA: International Journal, and Technically Co-sponsored by Computer Society Chapter IEEE Delhi Section at Asia Pacific Institute of Information Technology SD India , Panipat -132103,Haryana,India,November 2014 ISBN:978-93-4935-00-9

5. Threat Model and Attacks in Wireless Sensor Networks.Arora, Bhavna; presented at and published in proceedings of 7th International Conference on Advanced Computing and Communication Technologies (ICACCT™-2013) organized in association with INDERSCIENCE Publishers, UK, IETE and Technically Co-sponsored by Computer Society Chapter IEEE, Delhi Section at Asia Pacific Institute of Information Technology SD India, Panipat (Haryana) on 16th November 2013.Vol 1.pp-312-316. ISBN:978-93-83083-38-1

6. Key Management in Malicious Node Detection in Wireless Sensor Networks (WSN).Arora, Bhavna; presented at and published in proceedings of 6th International Conference on Advanced Computing and Communication Technologies (ICACCT-2012) sponsored by IEEE Computer Society Chapter Delhi Section and IETE-India, held at Asia Pacific Institute of Information Technology SD India, Panipat (Haryana) on 3rd November 2012.Vol 3.pp 14-18. ISBN-978-93-8206-29-1

3. Arvind Selwal, Assistant Professor

1. Arvind Selwal, S. K. Gupta (2016) “Low Overhead Octet Indexed Template Security Scheme for Multi-modal Biometric System”, Journal of Intelligent & Fuzzy Systems, ISSN 1875-8967 (online), accepted for publication, SCI, Scopus, DBLP, ACM Digital Library Indexed.

2. Arvind Selwal, S. K. Gupta (2016): “Region Coded Hashing based Template Security Scheme for Multi-biometric System”, The International Arabian Journal of Information Technology,ISSN:2309-4524, Accepted for publication. SCI, Scopus Indexed.

3. Arvind Selwal, S. K. Gupta (2016): "Template Security Analysis of Multimodal Biometric frameworks based on Fingerprint and Hand Geometry", Perspectives in Science (Elsevier), ISSN: 2213-0209 ,Vol. 8, pp 705-708

4. Arvind Selwal, S. K. Gupta and Surender (2016): "Fuzzy Analytic Hierarchy Process based Template Data Analysis of Multimodal Biometric Conceptual Designs", Journal of Computer Procedia (Elsevier Science Direct), ISSN: 1877-0509. (Scopus Indexed), Vol. 85 (2016) pp 899 – 905.

5. Arvind Selwal, S. K. Gupta, Surender (2016) "A Scheme for Template Security at Feature Fusion Level in Multimodal Biometric System", Advances in Science & amp; Technology Research Journal, (Thomson Reuters ISI Web of Sciences Indexed, Journal) , Volume 10, No. 31, pp 23-30

6. Arvind Selwal, et. al. (2015) "Performance Analysis of Template Data Security and Protection in Biometric Systems" IEEE Xplore digital library ISBN: 978-1- 4673- 8253-3, Scopus Indexed, pp 1-7

4. Dr. Deepti Malhotra, Assistant Professor

1. Deepti Malhotra, Deadlock Prevention Algorithm in Grid Environment in MATEC Web of Conferences indexed in scopus,Vol 57, May 11 2016, DOI:10.1051/ 57, 02013 (2016)

2. Deepti Malhotra, Different deadlock handling strategies in distributed Environment at International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE) with Impact factor 2.08 Vol6, Issue 2, February 2016. ISSN: 2277 128X.

3. Deepti Malhotra, A Minimum Execution Time Job Scheduling Algorithms in Simulated Grid Environment at International Journal of Advanced Research in Computer Science and Software Engineering(IJARCSSE) with
Impact factor 2.08 Vol3, Issue 12, December 2013, ISSN:2277 128X.

4. Deepti Malhotra, Minimum CDT Based Scheduling Algorithm Versus FCFS in Grid Environment at International Journal of Computer Applications (IJCA 0975-8887), with Impact factor 0.835, Vol 68, April 2013. [Published]

5. Deepti Malhotra, SCH_ACR and SCH_LD Based Job Scheduling Algorithm in Grid Environment at International Journal of Computer Applications (IJCA 0975-8887), with Impact factor 0.835, Vol 64, page35-41, February 2013. [Published]

Annexure-J
Department of Economics

Publications of Faculty Members:

Dr. Shaveta Kohli

Dr. Shaveta Kohli "**Gender Differentials in India: Focusing on Education, Health and Employment**" in Journal named "Focus: An International Journal of Social Sciences" published by Swami Premanand Mahavidyalaya, Mukerian, ISSN: 2455-0035, Vol.1 (New Series), 2016

Seminars/Conferences/Workshops Attended

Attended an **Orientation Course** organized by Human Resource Development Center, Panjab University, Chandigarh dated 26th May, 2016-22nd June, 2016

Under GIAN initiative of Ministry of Human Resource Development, completed one credit course "**Introductory Course on Design for Development**" held from 26th – 31st December, 2016 at University of Mysore, Manasagangotri, Mysore.

Ms. Preeti Gupta

Attended workshop on Research Methodology for Social Science Scholars organized by UGC HRDC, University of Jammu from 19th Dec. 2016 to 24th Dec. 2016.

Mr. Anil Kumar Bharti

Attended UGC sponsored General Orientation Course organized by UGC Human Resource Development Centre, University of Jammu from 21st Nov. 2016 to 21st Dec. 2016.

Lecture Delivered

- Delivered lecture on **"Importance of Women in National Integration**" on Women's Day celebration during "Qaumi Ekta Saptah" (National Integration Week) at NHPC Limited's Sewa II Power Station at Mashka, Distt. Kathua, J&K on 24th November, 2016.

- Delivered two lectures on " **Introduction to International Trade**" and " **Instruments of Trade Policy: Tariff and Non-Tariff Barriers**" on 6th September, 2016 in two days training programme entitled " WTO and Its Implications in Agriculture" for the officers of agriculture and allied sectors w.e.f. 6th -7th September, 2016 at SAMETI- Jammu, SKAUST-J, Chatha

Event Organised

- Organised two events i.e. **International Youth Day** (12th August, 2016) and **Azaadi 70** (23rd August, 2016) in the Campus vicinity organized by the Office of Dean Student welfare, central University of Jammu.

- Organised an awareness campaign on the theme **"Gender Equity"** for students/ Research Scholars/ Faculty Members of Central University of Jammu held on 20th January, 2016.

Awards

The International Publishing House, The World's most leading biographical specialists proclaimed that Dr. Shaveta Kohli has been conferred with **The Best Citizens of India Award 2016**

Annexure-K

Department of Public Policy and Public Administration

Departmental Projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

- **DST Project Received (**September, 2014) - The Department received a National Project on *''Quantification of Social Sciences Research in India: A Study on Human and Financial Resources''* from the Department of Science & Technology (DST), Government of India with an outlay of **Rs.11.00 lakhs** for one year period. Faculty members applied for University Grants Commission for the Major Research Projects.

- **Vivekananda Chair** has been received by the Department under twelfth plan in March, 2015 whose mandate is research on ethics and governance (**Rs. 25.00 lakhs).**

Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad.

- Dr. Rouchi Chaudhary & Dr. Paul Sugandhar were selected as Observers from India to United Nations Committee of Experts on Public Administration, U.N. (CEPA) at UN Headquarters New York USA, on **April 18th -22nd 2016.**

Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- Dr. Govind Kumar Inakhiya Completed Orientation Course from ASC, University of Jammu, 2014.
- Dr. Rouchi Chaudhary, Completed Orientation Course from ASC, University of Jammu, 2015.
- Dr. Govind Kumar Inakhiya Completed Refresher Course (IDC), from ASC, University of Jammu, 2016.

Activities Organises: **National Seminar: 01**

- Conducted a National Seminar on ***Public Administration in India in Globalizing World: Convergence, Divergence and Transformation*** at Temporary Academic Block, Central University of Jammu, Jammu on 7th & 8th May, 2015. Delegates from Universities representing 11 states were participated in the deliberations.

- Organised Workshop on **" Public Service Guarantee Act" w.e.f. 11th-12th November 2016**

Student profile programme-wise:

Name of the Programme	Applications Received	Selected		Pass percentage	
		Male	Female	Male	Female
M.A- (Public Policy and Public Administration) 2014	30	7	8	71.43	87.5
M.A- (Public Policy and Public Administration) 2015	187	8	16	Pursuing	Pursuing
M.A- (Public Policy and Public Administration) 2015	392	14	12	Pursuing	Pursuing
Integrated M.Phil. – Ph.D. 2013	30	3	3	66.6	100
Integrated M.Phil. – Ph.D. 2014	54	3	2	100	100
Integrated M.Phil. – Ph.D. 2015	45	3	2	Pursuing	Pursuing
Ph.D. 2016	190	1	-	Pursuing	Pursuing

Participation of students and faculty in extension activities.

- The faculty members have participated in execution of many programmes organised by the university be it the annual day celebration, Swach Bharat Abhiyan, Sardar Vallabhbhai Patel birth anniversary, annual function Udaan 2015 or sports meet. The students also remained active throughout the semester in these programmes. They participated in on-spot painting competition, photography competition, skit, mimickery and also won prizes.
- **National Workshop on Syllabus** conducted **(**24-25, April 2014) - The Department organized a 'National Workshop' on *'Revisiting and Reinvigorating the Study of Public Policy & Public Administration: Issues, Challenges & Opportunities'* with twelve senior professors on 24-25, April 2014. The two day deliberations on the development of curriculum was taken place for the changing needs of the students and prepared thirty different courses keeping in mind of future needs.
- **Handbook Published** (August, 2014) For the benefit of the students, scholars, faculty and researchers, the Department published an exhaustive hand book of 100 pages with details of courses, references and guide to source text books etc. Eight international scholars representing USA, South Africa, Australia, Republic of South Korea and Japan have given their valuable opinion on the courses. It is well received in all over the country and some of the Departments are reframing their syllabus based on this hand book.

National/ International Conference Attended:

- Dr. Rouchi Chaudhary & Dr. Paul Sugandhar are Invited as Observers from India to United Nations Committee of Experts on Public Administration, U.N. (CEPA) at UN Headquarters New York USA, on April 18th -22nd 2016.
- Dr. Govind Kumar Inakhiya participated as a Resource Person in International

Conference **"The development of Civil Society and Social Partnership: A Comparative Analysis of the Experience of India and Uzbekistan through the lenses of Constitutional Reforms",** Organized by Independent Institute of Monitoring to Formation of Civil Society, Tashkent and Ministry of Justice Uzbekistan jointly with the OSCE and UNDP, at Tashkent (Uzbekistan) on 24th May 2016

Dr. Rouchi Chaudhary & Dr. Paul Sugandhar

- **Participated in Eastern Zone Regional Conference, Conducted by Department of Administrative Reforms & Public Grievances (AR&PG) Govt of India,** on 'Path Breaking & High Impact Initiatives in Citizens Services Delivery' at Assam Administrative Staff College, Guwahati Assam on September 15th -16th , 2016

Dr. Govind Kumar Inakhiya

- Chaired a Session and Presented paper titled **"Human Rights in India: An Overview"** in Organized by Vivekananad Government College, Khetri (Jhujhunu) Rajasthan (UGC sponsored) on the theme "Human Rights: Implementation and challenges', on 5th -6th September 2016.

- Chaired a Session and Presented a paper titled **"Human Rights in India: An Overview"** National Seminar Organized by Vivekananad Government College, Khetri (Jhujhunu) Rajasthan (UGC sponsored) on the theme "Human Rights: Implementation and challenges', on 5th -6th September 2016.

- Delivered lecture as Resource person titled the Lecture on **"Role of Leader in Decision Making Process",** Basic Leadership Camp organized by the NCC Unit Jammu at NCC Camping Ground Nagrota, Jammu (J&K), on 3rd July 2016.

- Chaired a Session and Presented paper titled "Kautliya's Contribution to Ancient Indian Administration and Its relevance to Modern Indian Administration" in a National Seminar Organized by Rastriya Sanskrit Sansthan, Ranvir Campus, Kot Bhawal (Deemed University Under the Ministry of HRD, Govt. of India), Jammu on the theme **"Convergence'- The modern Mantra for Promotion of Sanskrit and its relevance in Present times"** on 4th April 2016.

- Presented a paper entitled **"Indian Federalism in Theory and Practices"** in National Seminar Organized by Department of Political Science, JNVU, Jodhpur (Rajasthan), collaboration with the Commission for the Scientific and Technical Terminology, Ministry of Human Resources Development, Government of India, at Jodhpur from 29th- 30th January 2016.

Mr. Mohit Sharma

- Mohit Sharma invited as a Resource Person and delivered lecture on "Strategic Management and Planning" at Kendriya Vidhyala, Gnadhinagar (Jammu), on 25 December 2016.

- Delivered a lecture on Agricultural Policy & International trade at SKUAST, Jammu on 14 September, 2016.

- Presented a paper entitled **"Fiscal Federalism in India"** in National Seminar Organized by Department of Political Science, JNVU, Jodhpur (Rajasthan), collaboration with the Commission for the Scientific and Technical Terminology, MHRD,GOI at Jodhpur from 29th - 30th January 2016.

Annexure-L
Centre for Comparative Religions and Civilizations

Presentations in National/International Conferences/Seminars

Dr. Ajay Kumar Singh

1. Presented paper entitled **"Buddhist perspective on Sustainable Development"** in international conference on Dharma jointly organized by Sanchi university of Buddhist Indic Studies and Ministry of Culture, Madhya Pradesh Government. October 19-21, 2016
2. Presented a paper entitled **"Buddhism and Science: An analysis of Mindful meditation and Clinical Psychology"** on World Philosophy day at Sri Mata Vaishno Devi University, Katara Jammu.

Dr. Murugesan Arumugam

1. A research paper presented on **"The Epistemological Relationship between Sunnah and Anumana: A comparative Philosophical Approach"** at India International Islamic Conference on 08th and 09th October 2016, Delhi.
2. A paper presented on **Religion and Science with Special Reference to Theology and Science at World Philosophy Day,** Shri Mata Vashno Devi University, on 02nd December 2016.

Annexure-M
Department of Mass Communication and New Media

Lectures delivered/ Publications:

Prof. Govind Singh:

- Delivered special talk on "Mass Media Skills" for Medical Officers of UttarakhandGovt at UttarakhandPrashasan Academy, Nainital.
- Delivered special orientation lectures (2) on 'The State of journalism in India' at Kumaon University, Almora Campus on November 11, 2014.
- Delivered keynote address on "UttarakhandRajyakiSamriddhikesootra- Education and Culture" at a seminar organized by UttarakhandYuvaManch, Chandigarh on November 16, 2014.
- Delivered two lectures on Contemporary trends and issues of Indian Media at Refresher Course organized for the Lecturers/ Sr Lecturers of Journalism from all over India at Rajasthan University, Jaipur on October 3, 2011.
- Delivered two Lectures at UGC Refresher Course for the Lecturers and Sr Lecturers of Mass Communication conducted by GJTU Hissar, Haryana in 2002.
- Delivered three lectures at UGC Refresher Course for the Lecturers and Senior Lecturers of Hindi at Govt PG College, Almora in December 2009.
- Delivered one lecture at a refresher course for School teachers of Uttarakhand organized by CCRT, MHRD, Delhi at DIET Bhimtal.
- Delivered keynote lecture for School teachers of Nainital District of Uttarakhandat Bhimtalby CCRT, New Delhi on Language and Culture.
- Delivered a lecture at special workshop for Research Scholars of Kumaon University at Govt MBPG College, Haldwani on Research Design.
- Delivered a lecture on Research in Media for research scholars of Jaipur National University.
- Delivered Inaugural Lectures and chaired the sessons at IIMC, Delhi University, IMS NOIDA and JamiaMilliaIslamia.
- Special lectures for the Journalists of Nepal and Afghanistan organized by IIMC, Min. of Information & Broadcasting.
- Delivered a Keynote address at Town Official Language Implementation Committee, for Public Sector Undertakings, NCR Region on 19th July, 2011 on Official Language Implementation Policy of the Govt of India.
- Delivered two lectures on present day Journalism and Writing trends at Doon University, Dehradun in March, 2011.
- Delivered a special lecture on Global perspective of Hindi language organized by Hindi Akademi of Delhi in 2013.
- Delivered a lecture on Present state of Journalism at a three days National seminar organized by Mahatma Gandhi International Hindi University, Wardha, 2013.

Publications

Books:

(1) Edited a book on Renowned Folklorist Narendra Singh Negi

(2) Edited a book " VikasSamvaad" published by Charkha, Development Communication Network.

Translations:

(1) British : The magnificent exploiters of India, published as SONE KI CHIRIA AUR LUTERE ANGREZ from Prabhat Prakashan, Delhi

(2) EtwaMunda won the battle by Mahashweta Devi from National Book Trust, New Delhi

(3) **In Press**: Modern Editing assigned by Makhanlal Chaturvedi University of Journalism and Mass Communication, Bhopal

Chapters/ Lessons/ Academic Articles published

- Wrote two lessons on Communication and Cyber Journalism for NCERT's text book for 11th and 12th class on Mass Media and Creative Writing.
- Wrote a lesson on Consumerism and Mass Media for PG Diploma Course in Mass Communication by IGNOU.
- Present state of Hindi Journalism, a chapter in the book Fifty Years of Media edited by Prem Chand Patanjali, published by Radha Publications, Delhi in 1997.
- Uttarakhand Movement and National Mass Media, a chapter in the book ' Uttarakhand-Today', edited by Prof. K.S. Waldia, published from Almora Book Depot in 1995.
- Two Units on Journalism for the study material of MJMC, UOU
- One Chapter in the book "BhrashtaachaarkiiChunauti" Edited by Raj Kishor Published by VaniPrakashan, New Delhi.
- One Chapter "Hindi Rang AandolanaurNatrang (Magazine) kaahastakshep" in the book Samyak(OnNemi Chandra Jain), Edited by Jyotish Joshi and published by RajkamalPrakaashan, New Delhi.
- One Chapter " AzaadeekebaadkiiHindi patrakaaritaaurPrabhash Joshi" in the book PrabhashParv (Prabhash Joshi) Edited by Dr Suresh Sharma, published by RajkamalPrakashan, New Delhi.
- One Chapter " Reality TV: Manoranjan se KhabarTak" in the book Hindi PatrakaaritaakenutanKshitij" Edited by DrManoharPrabhakar&Dr KP Verma, published by PanchsheelPrakaashan, Jaipur.
- One Chapter " PapprazziPatrakaritakiiSeemaayen" in the book Hindi PatrakaaritaakenutanKshitij" Edited by DrManoharPrabhakar&Dr KP Verma, published by PanchsheelPrakaashan, Jaipur.
- "BachpankiChhaviyan" in PAHAR-16-17, Edited by ShekharPathak and published by PAHAR, Nainital. (ISBN)
- "Bachpanki Chhaviyan-2" PAHAR-20, Edited by ShekharPathak and published by PAHAR, Nainital. (ISBN)
- "Ancharaj: EkDhoop-ChhanhiiVyaktitwa" Keynote article in the book 'Ancharajsanchayan''. The book on a prominent author LaldeoAncharaj from Mauritius published by ShabdaalokPrakashan, Delhi.
- Preface of the book: ABCD of Media by DrGirishRanjanTiwari, published from GyanodayPrakashan, Nainital.
- Preface of the book "Dekhi Peer Pahadki" (Reportage on Uttarakhand Tragedy) by Ved Vilas Uniyal, published by Vikas paperbacks, New Delhi.
- Preface of the book "JaadueeBugyalonkepaar" by Manish Oli, published by Vinsar Publications, Dehradun.
- "DaksheshDeshonkaSahitya" Literature of Saarc Countries, in the Special issue of Gagananchal Quarterly Journal of ICCR, New Delhi.
- Josh kiPratimoortitheenSudha Jain" (Memoirs on Poetess Sudha Jain) in the Commemorative book SudhaSmriti; published by AkshardhamPrakashan, Kaithal, Hariyana.

- Three Interviews published in the book Mere Sakshatkaar Edited by Dr PC Joshi, KitabgharPrakashan, Delhi.
- Hindi Magazines from America, published in a Spcial issue of Hindi Sab Sansar brought out on Vishwa Hindi Sammelan, Newyork, Edited by Suresh Rituparn and Published from GauravPrakashan, Delhi.
- UttarakhandkiPatrakaarita, (Chapter) in the book UttarakhandkeRachnakaaraurUnkaSahitya, Edited by Dr DS Pokhariya, published by Kumaon University, Almora Campus.
- BachcheaurComikKathaayen(article) in the book Tridhara, Edited by DrMadhu Pant, Published by National BalBhavan, New Delhi.
- Vanpaakhii kaavasantgaan (Literary Essay) in Gaganaanchal, Quarterly Journal (ISSN) of ICCR, issue March-May 2012)
- Anna Andolankesabak; chapter in the book Gandiaur Anna; Edited by Raj Kumar Bhardwaj, Published from Anamika Books and distributers, Delhi
- Gram Mata Hira Devi, HamareNayak: The real Heroes of Uttarakhand, Book edited by VijendraRawat, by SEWA, Dehradun, 2015
- ShikshaakaRajmarg, Special article on State of Education in Uttarakhand, Commemorative volume on the eve of 15 years of Uttarakhand, Amar Ujala, Uttarakhand Uday-2015
- BharteeyNayakparikalpanaaur Pt. Jawaharlal Nehru, Nehru and India (A Souvenir) by Journalists Welfare Foundation, New Delhi, 1981

Research Articles

- Kootneeti kiMej Par Hindi, Hindi Jagat, (ISSN) Journali of World Hindi Foundation, USA, Nov-Dec, 2014
- Hindi koChahie Ram ChaudharyJaiseSewak, Garbhnaal, Bhopal, Aug, 2015 (ISSN)
- A Case for the Style Guide among Hindi Newspapers, published in the Research Journal Media Scene from Allahabad University
- Decline of the Editorial Page of Hindi Newspapers; published in the Research Journal Media Meemansaa, from MakhanLalChaturvediPatrakaaritaVishwavidyalay, Bhopal.
- Media aurSahityakaaRishta, Parmita, (ISSN) Quarterly Journal from Varanasi, April-June-2012.
- Ravindra Nath Tagore: A Great Creator; Special Issue of Gaganaanchal Quarterly (ISSN), March-April, 2012
- Future of Free Newspaper, VIDURA July-SEPT 2007
- Future of Newspapers, Vidura, April-June, 2007
- Changing face of Editorial page, VIDURA Oct-Dec 2006
- Focus on the Journalism of Hindi Heartland, VIDURA July- Sept, 2006
- Reality TV: Entertainment to News, VIDURA Oct-Dec, 2005
- Rural Market and Hindi newspapers and magazines, VIURA July-Sept, 2005

- Focus : Sting Operation and it's impact on Electronic Media, VIDURA April-June, 2005
- Limitations of Paparazzi Journalism, VIDURA Jan-March, 2005
- Journalism balancing between News and Views, VIDURA Oct-Dec, 2004
- Chaos of Salary and Perks of the Journalists in Electronic Media, SANCHAR
- MADHYAM, IIMC, Jan-June, 2005.
- Media Scene and Internet Journalism in India, Sanchar Madhyam, Oct-Dec & Jan-March, 2000.
- Viewing the Death on TV screen, IIMC Alumni Publication, Jan 2007

- EkaadhikaaraurKendreekarankii or BadhtaaBhaarteey Media, Media Navchintan, published from MakhanLalChaturvediRashtreeyPatrakaaritaaevamSanchaarVishwavidyaalay, Bhopal,Jan-March 2015
- Hindi Journalism: Crisis of Credibility, SahityaAmrit, Special Issue on Media, Delhi, August 2015

Seminars/Conferences:

- Convenor, National Seminar on 'State of Higher Education and role of Distance Education in Uttarakhand' on November 4-5, 2014 organised by Uttarakhand Open University at Doon University Campus, Dehradun. Presented a paper, Chaired a session.
- Guest of Honour and presented a paper at National Seminar on 'Journalism for Positive Change' organized by DevSanskritiVishwavidyaalay, Haridwar on November1-2, 2014.
- Chaired a session on Kumaoni Journalism at KumaoniBhashaSammelan, Almora organized by Kumaon University, Almora Campus and Central SahityaAkademi, Delhi on 27-28 September, 2014.
- Conducted two days workshop on various forms of Journalistic writing at International College for Girls, Jaipur 2003.
- Chaired a seminar on North East and Mainstream Media organized by India Policy Foundation, Delhi.
- Chaired a seminar on Present day Media trends organized by Govt PG College Almora in 2010. Also delivered 4 lectures in two days for Journalism students of Kumaon University.
- Chaired Commemorative Seminar on 40 years of Narendra Singh Negi'sGeetYatra held at Constitution Club, New Delhi in 2013
- Attended World Hindi Conference at Bhopal on September 10-11-12, 2015 organised by Ministry of external affairs, GoI.
- Attended 6th National Community Radio Sammelan at VigyanBhavan, New Delhi on 18-19-20 March, 2016 organised by Ministry of Information and Broadcasting, GoI.
- Presented a paper on Present Scene of Journalism at Kurukshetra University, Kurukshetra, 2006. Also chaired a session.

Annexure-N
Department of Hindi and Other Indian Languages

Course Matrix M.A (Hindi)

Course Courses Semester (I-IV)

PGHND1C001T	Hindi Sahitya Ka Ithass(Arambh se Ritikal Tak)
PGHND1C002T	Naatak aur Nibandh
PGHND1C003T	Aadikaalin Kaavya evam nirgun Kaavya
PGHND2C001T	Hindi Sahitya Ka Ithass (Bhartenduyug se Aab Tak)
PGHND2C002T	Bhasha Vigyan
PGHND2C003T	Sagun Bhakti Kaavya
PGHND2C004T	Bhartiya-Sahitya
PGHND3C001T	Ritikaavya
PGHND3C002T	Katha sahitya
PGHND3C003T	Bhartiya kaavyashastra
PGHND4C001T	Pashchatya Kaavyashastra
PGHND4C002T	Chhayavadottar Kaavya
PGHND4C003T	Hindi sahitya ke Samkaalin vimarsh
PGHND4C004T	Pravasi Sahitya

Elective Course Semester (I-IV):

PGHND1E001T	Chhayavadi Kaavya
PGHND2E001T	Hindi Patarkarita: Itihaas Sidhanth aur Prayog
PGHND3E001T	Hindi Aalochna
PGHND4E001T	Vishesh adhhyayan: Nimanlikhith me se koi ek (Sur/ Tulsi/ Bhartendu Harishchandra / Premchand/Prasad/Nirala / Agya/Shali Vigyan/Cinema adhyaan

Publications:

Dr Vandana Sharma

- Aadivasi Janjivan ka Chitran or ‘ Pathar par Kohra’ Upnayas, P.20-22 Shabdh Srokar(October-December-2012)vol-37,ISSN-2229-4732
- Asimta Bodh ek Vichar,P11-15Surya Prabha (april-July-2013) Vol-1-4,Raji.S.33906/79
- Istree Vimarsh ki Dirshti se Jayanti ka Upnayas ‘Khanabdosh Khvaishay’’, P.200-205 ISBN-978-93-84138-68-4 ,21 vi Shati ke pravesh dvar ka Hindi sahitya(2001-13) Sampadak-Dr.Chanchal Bala,Parkashak k.Ji Grafiks,Amritsar,2015.
- Hindi Upnayas: adivasi Shoshan or Chatena ke Svar,P.111-117 ISBN No.-978-93-83338-85-6,Adivasi Sahitya Sandharb evm Vishleshan,s.Dr.Bhart Bhushan , Parkashak sapthrishi Publikeshanj,Chandigarh,2016
- Vividh Rashtriye evm Anterrashtriye Sangothiyo me Sehbhagita evm Pattarvachan

Dr. Ratnesh Kumar Yadav

- Dalit Bahujan ke Shanskritik Parmpapra ke Adharoh ke Talash(Kancha Allaiya ki Pustak 'Mai Hindu Kyu Nahi'),P.74-79 ,Vangmaya (Traimasik,Agust 2012),ISSN:0975-8321
  Sampadak-Dr. M Firoj Ahmed,Prkashak-205,Ohad Residence,Near Pan Vali kothi,Dodhpur Road,Aligarha(U.P)

- Raag Darbari me Shree Lal shukal ki Vyanga Dirshti,P.166-169,Sahitya Vimarsh(An International Research journal) Bhagh-1,Ank-2.July-December2012,ISSN: 2319-9008
  Pradhan Sampdak-Dr.Vinod Kumar Mishra,Prkashak-Bhartiya Bhasha Evam Pragtisheel Sahitya Vikas samiti,Varanasi (U.P)

- Markhej ka Aupnyasik vijan(Sandarbh 'Ekant ke Sau Varsh')P.209-212,Anukriti(An International Multidisciplinary Research Journal) Year 2, Ank 8, October- December 2012,ISSN:2250-1193,Pradhan Sampadhak – Prof.Vijay Bhadur Singh ,Prkashk-Shrijan Samiti ,Varanasi (U.P)

- Ravinder Nath Tagore Krit 'Gora Upnayas me Manavatavadi Chetna,P.196-198,Shodh Drishti (Journal of all Research) Bhagh-3,ank-8,Year-3,October-December 2012,ISSN: 0976-6650,Pradhan Sampadak-Dr,Abhijeet Singh,Prakashak-Shrijan samiti,Varanasi (U.P)

- Katha evam Bhasha Sanarachana ke Aaenay me 'Kitney Pakistan'P.48-53,Samved (Year-5,Ank-5,May-2013),ISSN:2231-3885,Sampadak- Kishan Kalji, Atithi Sampadak-Ramnaresh Ram,Prakashak-Kumkum Kumari,B-3/44, Sector16,Rohani,delhi-110089

Dr. Arbind Kumar Yadav

- Nirmala Putul ki Kavitaon Me Aadivasi-Stri : Apne Samay Me Hastakshep (ISBN : 81-86101-70-5) Sampadak Dr. Brijesh Kumar Pandey, Kishor Vidya-Niketan, 2011,Varanasi (U.P.)
- Shailivaigyanik Anusandhan : Sahityik Anusandhan ki Pravidhi Aur Prakriya (ISBN : 978-81-920802-0-8) Sampadak Dr.Sushma Dubey, UGC, Acedmic Staff College,11-28 Feb, 2013, Rani Durgawati University, Jabalpiur (M.P.)
- Nagagurn Krit Satrangen Pankhonwali Me Chayan : Rashtriy patrika Wagprawh (ISSN : 0975-5403) July-Dec, Ank 1, 2011, Lucknow (U.P.)
- Shamsher ki Kavitaon Me Aprastur-Vidhan : Rashtriy patrika Abhinav Kadam (ISSN : 2229-4767), Ank-28, July-Dec,2012, Mau (U.P.)
- Adan Gondavi Krit 'Dharati ki Satah Par' Me Abhivyakt Yatharth : Antarrashtriy patrika Sahitya Bimarsh (ISSN : 2391-9008) Ank 2, July 2012-June 2013, Varanasi (U.P.)

Vinay Kumar Shukla

- Parmita–A Third Monthly Research Journal, January-March, 2010, ISSN 0974-6129. **'Sirshak-Krantikari Vidhrohi Kavi Kabir ke Basha-Baibhav**
- Kashika - A Six Monthly Research Journal, Vol. Ist 2010, ISSN - 2230-7494,**Sirshak- Bhart me Hindu Vivah ke Prati Badalti abhivrithiya**

- Parmita – A Third Monthly Research Journal (Shodh Varshikank, II) Vol.-2011, ISSN 0974-6129. **'Srishak Kabir ke Samajik Chetna**
- Anuchintan- Two Monthly Research Journal, Feb.-Mar., 2012, ISSN- 2249-9156,**'Sirshak-Kabir ka darshan aur Bhakti**
- Parmita-A Third Monthly Research Journal, Apr.-June, 2012, ISSN 0974-6129 ,**'Sirshak-Tulnatmak sahitya aur Dalit Andholan**
- Viksha–Research Journal, Jul. 2012-June-2013, ISSN 0975-3788,**'Sirshak-Dalit Vimarsh aur Kabir**
- Anbhai Saanch–Research Journal, Apr-June-2013, ISSN 2321-2276,**'Sirshak-Kabir ke alochak : Dr. Dharmveer**
- Anbhai Saanch–Research Journal, Jul-Sept-2013, ISSN 2321-2276,**'Srishak-Kabir ka 'Anabhai-Sancha' : Aayam aur Nimirthiya**
- Vimal Vimarsh–Annual Research Journal, vad&1] 2013, ISSN 2348-5884 ,**'Sirshak-Kabir Aadhyan ke liye Anivariye : Kabir Mimansha**
- Vimal Vimarsh–Annual Research Journal, vad&1, 2013, ISSN 2348-588,**'Srishak-Kabir Sahitya : Dr. Shyamsunder Dass ke alochna dirshti**

Faculty Profile

Name	Qualification	Designation	Specialization	No of Years Of experience	No of PhD Students guided
Prof. Govind Singh	MA,MPhil, PhD	I/C Head	Hindi , Media, Functional Hindi	35	5 (Ongoing)
Prof. RajKumar	MA (Hindi) BEd. MPhil. PhD	Professor	Mythology And Modern Poetry	40	8
Dr. Vandana Sharma	MA, BEd., MPhil., PhD UGC-NET	Assistant Professor	Katha Sahitya, Samkalin Vimarsh	4 year (on Contract) Since 19 July 2016 (Regular)	
Dr. Ratnesh Kumar Yadav	MA, PhD, UGC-JRF-NET	Assistant Professor	Katha Sahitya, Hindi Alochana, Chayavadi kavya	Since 19 July 2016 (Regular)	
Dr. Arbind Kuamar Yadav	MA, M.Phil., PhD, UGC-JRF-NET	Assistant Professor	Bhasha Vigyan, Shaili Vigyan,Samkalin Kavita	4 year (On Contract) Since 19 July 2016 (Regular)	
Mr. Vinay Kumar Shukla	MA, UGC-JRF-NET	Assistant Professor	Sant Sahitya,Sagun evam Nirgun ,Kavya, Katha Sahitya	Since 19 July 2016 (Regular)	

Annexure-O
Evaluative Report of the Department English

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

MoUs have been signed with two Central Universities: Central University of Himachal and Central University of Kashmir. The Department of English has agreed to hold Joint Research projects, programmes and supervision of scholars. The three Departments of English have made proposals to have Centres of Translation Studies, Comparative Studies and Cultural Studies. Postgraduate students would be able to avail Courses in these universities.

20. Lecture Delivered

Professor Deepsheekha Kotwal:

(1) Delivered two lectures on the "Use of Officialese" in **UGC sponsored** orientation course conducted by the Department of Home Science University of Jammu on 21st of Dec. 2015.
(2) Delivered two lectures on 21st Dec. 2015 in Dogri Department, University of Jammu on "Course on Research Methodology"
   i. Creating Research Design
   ii. Hypothesis
(3) Delivered five lectures from 16th to 23rd Nov. 2015 On "Concept of Gender: Gender socialization, WID and GAD in Centre for Women's Studies, University of Jammu.
(4) Delivered lecture on *Communicative Skills and Body Language*, Dec. 2014, State Judicial Academy, J & K High Court.
(5) Delivered lecture on *Humanisation of Male-dominated Police System and Gender Justice*, 3rd June 2014. Sher-e-Kashmir Police Academy, Udhampur.
(6) Delivered lecture on *Education and Women's Empowerment*, 24th November 2014, Centre for Women's Studies, MIER College of Education, Jammu.
(7) Delivered two lectures on *Multi disciplinary approach to Research* Part I and II on 6th-28th August, 2012. Department of Hindi.
(8) Delivered Extension Lecture on *Professional Communication* to MBA and MCA students, 20th October, 2011. Bhaderwah Campus
(9) Delivered lecture on *Homeland and exile for Kashmiri Pandits* on 25th April 2011 at Jammu Club, Jammu.
(10) Delivered lecture on *Perspectives on Feminism* (Keynote Address), 8th March, 2011. Centre for Women's Studies, MAM College Jammu.

Seminars/Conferences:

Professor Deepsheekha Kotwal:

1. Organised National Seminar on "Changing Dynamics on Media Landscape"6-7 May, 2016 in the Department of Mass Communication and New Media, Central University of Jammu (Seminar Director)

2. Seminar on The Solution to Combating Crimes against Women is Capital Punishment or Change in Mindset of Stakeholders (Presentation and Panel Discussion), 28th September, 2013. Sher-e-Kashmir Police Academy, Udhampur.
3. Seminar on People's Agenda: J&K vis-a-viz AAP Model, 5th January, 2014. J&K People's Initiative for Change (JKPIC). Chaired a session.
4. International Conference CESI 2012 on Education for a Changing World, 10th-12th October, 2012. Organised by University of Jammu in collaboration with Comparative Education Society of India (CESI). Chaired a session.
5. Seminar on Violence Against Women, 7th February, 2013. Mahila Hinsa Virodhi Manch (MHVM) and Department of Urdu. University of Jammu.
6. National Seminar on Higher Education in India—Role Playing Parameters of Excellence, 15th-16th March, 2013. ICSSR, New Delhi and Sai Shyam College, University of Jammu, (Panel Discussion).
7. VIth International Seminar on 'The Republic in Shakespeare', 16th-18th October, 2013. Department of English, University of Jammu and The Shakespeare Association (India). Presented Paper titled "*Viola, Beatrice and Rosalind Feminizing Shakespeare's Republic*", Plenary Speaker and Chaired a session.
8. XVII Conference of North West Indian Sociological Association (NWISA), 22nd-23rd November, 2013. Department of Sociology. Presented paper titled "*Marriage, Then and Now: A Feminist Critique*" and chaired a session.
9. International MELUS Conference 21st -23rd Feb. 2014, Department of English, University of Jammu, delivered Prof Issac Sequeira Memorial lecture on, "*Teaching Shakepear and G. B. Shah: The dilemma of English language teaching*" on 22nd Feb. 2014.

Workshops:

Professor Deepsheekha Kotwal:

(1) Participated in three day Workshop on Communicative Skills for Probationary Officers, State Bank of India Sept. 2012.
(2) Attended short-term course on ICT Skills for Senior Professors, 14th-15th March, 2011. Academic Staff College Computer Lab.
(3) Attended a workshop on Communicative English and Body Language for Undergraduate and Postgraduate Students of the Certificate Course in Communicative English, 16th-20th October, 2011. Bhaderwah Campus. Resource Person.
(4) Attended two day Workshop on Writing Research Proposals 24th-25th January, 2013. Department of English, University of Jammu. Resource Person and Panel discussion, Delivered lecture on "*How to create a research proposal*".
(5) Attended a workshop on Research Methodology on, at Centre for Women's Studies, University of Jammu. 9th-13th March, 2015 Lecture "Writing MLA handbook".
(6) Workshop on Research Methodology at Department of Hindi, University of Jammu. 16th-22nd March, 2015, Delivered two lectures on "*Hypothesis and Documentation*"
(7) Research Methodology workshop Department of Punjabi, University of Jammu. on 6th April and 10th April 2015, Delivered two lectures on "*Choosing a topic and Areas of research*".

Editorial board:

1) Prof. Deepsheekha Kotwal: Editor, "Campus Update" University Newsletter

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

- **The Department of English,** Central University of Jammu organized a Workshop on ***Comparative Literatures*** from October 9th to10th, 2012.
- **The Department of English,** Central University of Jammu organized a debate competition to celebrate **International Women's Day** on the topic :***"Women and Media: Representation or Misrepresentation"*** on 20th March, 2014.
- **The Department of English,** Central University of Jammu organized Extension Lectures by Prof. Chandra Mohan from 25th to 28th March, 2014.
- **The Department of English,** Central University of Jammu organized Students' Picnic on 25th April, 2014.
- **Department of English**, Central University of Jammu organized a "**LIT WIT Quiz**" on 21st July, 2014 to inaugurate the session 2014-2015. Students of MA and Research Scholars participated in the quiz.
- **The Department of English,** Central University of Jammu organized Extension Lectures by Sunayani Bhattacharya on "Race and Caste" on 6 th August, 2014.
- **Department of English, Central University of Jammu organized its first National Seminar** on ***The Great War of 1914-Hundred Years and Beyond: Cultural and Literary Responses*** on 3rd& 4th September, 2014. Papers presented in the seminar critically looked into the literature during the time of the Great War. Some of the major issues to be discussed in the seminar are Gendered responses, Wounded Masculinities, Virile Femininities, Time, Memory, Consciousness and the Great War, Historiography, Life Narratives, Dissent and Propaganda: Anti-war narratives, Poetry of the Great War, The Ethics of Violence/the Ideologies of *ahimsa*, Technology and War, Biopolitics, Medicine, Disease, Confinement, War and the Visual Media. Popular Cultures and the War, Problematics of the Nation; Spatial Politics-Border Poetics, Indian Responses: Cultural Translations.
- **The Department of English** organized a seminar on "***Postmodernism***" to inaugurate the new session 2014-2015 of Integrated M.Phil./Ph.D. Programme on 09/09/2014.
- **Department of English,** Central University of Jammu organized a seminar on "***Postcolonialism***" for Integrated M.Phil./Ph.D. Programme on 13/10/2014.
- **Department of English**, Central University of Jammu organized a National Seminar on the topic **"Dowry Murders: Gender Prejudiced Practices in India Today"** on 28thOctober ,2014.
- **Department of English**, Central University of Jammu on Extension Lectures by Prof. Chandra Mohan from 28 th October to 30 th October, 2014.
- **Department of English**, Central University of Jammu organized "*ILLUMINATI MEET."* The Department of English has formed a literary group called *Illuminati*. *Illuminati* will branch out into a young literary scholars association and a literary journal issued by the dept. of English. It shall be organizing talks, discussions and seminars. The first literary meet of *Illuminati* was held on 2nd December, 2014, on the topic, *Affective Communities: Operations of Affect in South Asia today*. It saw participation from the scholars of the dept. of English and a few faculty members. The second *Illuminati* meet was held on 9th December, 2014 with the continuation of the same topic, but on the issues that were not discussed in the previous meet. The discussion was open to all the students, scholars and faculty members of Central University of Jammu.

  The focal areas of the meet were as follows:

  Gender discrimination in contemporary India; Marriage and Indian modernity, *Talaq and Islam today; Cinema as affect*;*L.G.B.T. Communities*, *Sexual Violence*;

Women in public placesKhaps in India; *Honour killings in North India with special reference to Jammu*;*Love Jihad.*

- **The Department of English**, Central University of Jammu organised a one-day National Seminar on **In Translation: Issues and Contexts** on 21st January, 2015. The Seminar deliberated upon the issues and contexts in translation with reference to nationalism, culture, linguistics and texts.
- **Extension Lecture: Prof. SumanyuSathpathy,** Head, Department of English, University of Delhi, was invited to deliver a lecture on **"Translating Nonsense: Issues and Contexts"** on 20th January, 2015**.**
- **The Department of English**, Central University of Jammu organised a one-day National Seminar on **In Gender: Issues and Contexts** on 20thApril, 2015. The Seminar deliberated upon the issues and contexts related to gender, such as, Logocentrism and its effect on gender relations; celibacy; and Marriage in South Asia.
- **Extension Lecture: Prof RajniPalariwala,** from the Department of Sociology, University of Delhi, delivered a lecture **on "Marriage and Co-habitation in South Asia,"** on 20th April.
- **The Department of English**, Central University of Jammu organised a one-day Regional Seminar on **Bahishkrit Bharat** on 13th April, 2015. The Seminar deliberated upon the life, works and contribution of BabasahibAmbedkar.
- **Extension Lecture: Prof. Dhar,** Department of English, University of Kashmir, delivered a lecture on**, "Reading,"** on 16th August, 2015**.**
- **Extension Lecture: Prof. Ashok Mahapatra,** Department of English, University of Sambalpur, delivered a lecture on**, "Intertextuality: Revisiting a Passage to India"** on 17th October, 2015**.**
- **The Department of English**, Central University of Jammu organized a screening of ShashiTharoor at Oxford Union on 1st September, 2015.
- **Extension Lecture: Prof. Ashok Mahapatra,** Department of English, University of Sambalpur, delivered a lecture on**, "Intertextuality: Revisiting a Passage to India"** on 17th October, 2015**.**
- **Extension Lectures: Prof. RoshanLal, Head,** Department of English, Central University of Himachal Pradesh deliberated upon **"Theory: In Contemporary Times;"**
- **Prof. Aslam, Head**, Department of English, Central University of Kashmir spoke at length on **"Linguistics: Language and Communication"** on 28th October, 2015.
- An Extension Lecture was delivered by Prof. Anil Raina, Department of English and Cultural Studies, Panjab University on "Research Methodology," on 17th August, 2016.