



CENTRAL UNIVERSITY OF JAMMU

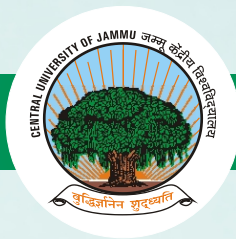
(Established by the Central Universities Act, 2009)

Annual Report

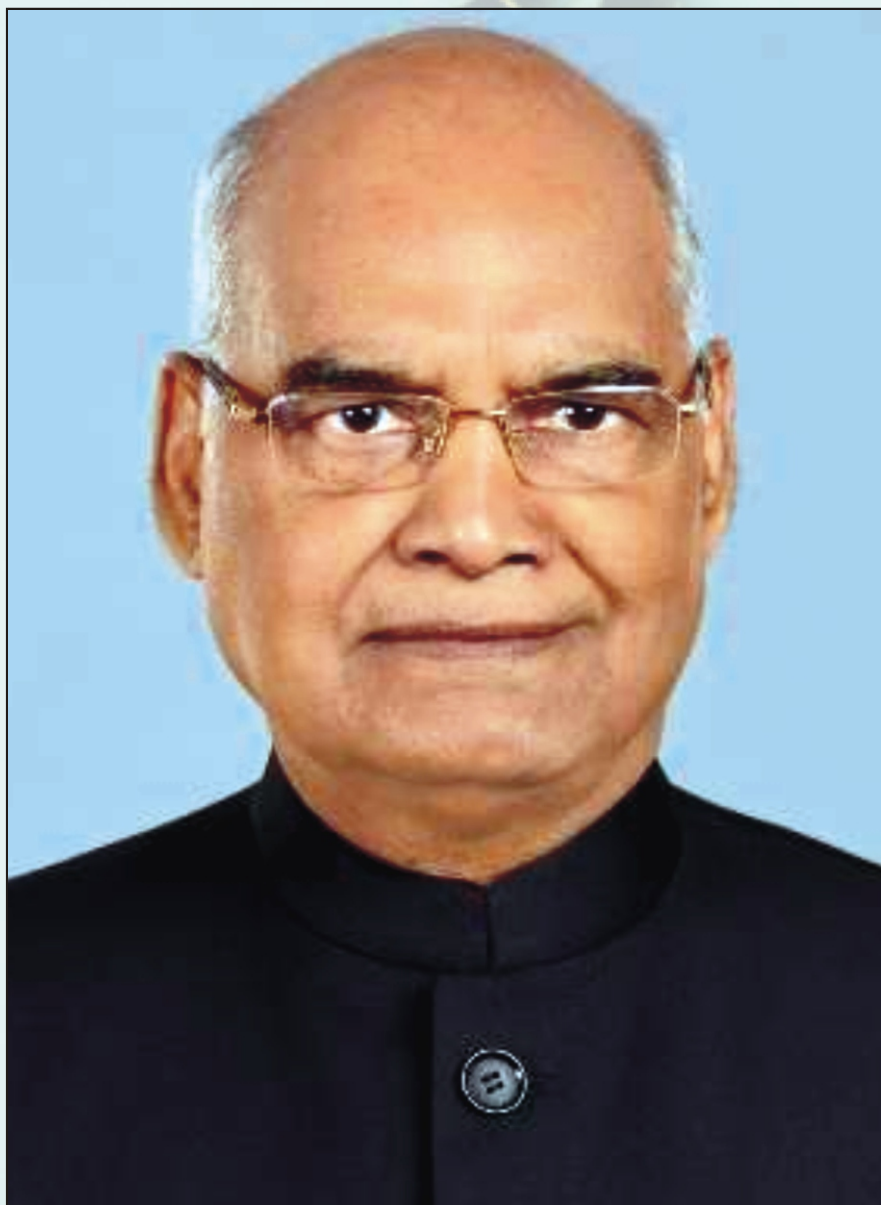
2018-2019

Raya-Suchani (Bagla), District Samba - 181143, Jammu (Jammu & Kashmir)

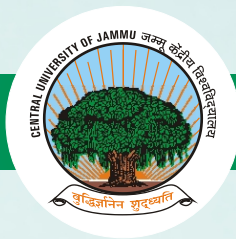
Tele : 01923-249660 Website : www.cujammu.ac.in



VISITOR



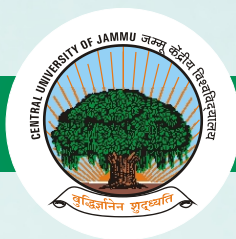
Shri Ram Nath Kovind
The President of India



CHANCELLOR



Shri Gopaldaswami Parthasarthy



Message from the Vice Chancellor

As the juggernaut of Higher Education is taking rapid strides in the country, presenting the 8th Annual Report of Central University of Jammu for the session 2018-2019 instils in me a special sense of fulfilment coupled with self- reflection - fulfilment, because the University in a short span of existence has carved a niche both in academics and research at the regional and at the national level; and self reflection, because the report serves as an instrument of introspection to draft a blueprint for future action.

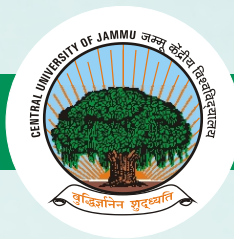
The report is an objective reflection of our initiatives and accomplishments for the session 2018-2019 and through a glimpse of a gamut of academic activities, research output and innovative teaching pedagogy presents the CUJ campus life buzzing with holistic learning and academic rigour. Currently, the University is offering 45 programmes: 16 Post Graduate, 20 research oriented, 04 Five Year Degree, 01 Four Year Integrated, and 02 Vocational types at Under-graduate level under the aegis of 13 Departments. One Diploma course each is being offered by the Community College and Yoga Centre. Recently, the University has succeeded in establishing Satish Dhawan Centre for Space Science with entire funding from Indian Space Research Organisation (ISRO). Moreover, the University is among the few Central Universities to have been sanctioned " Swami Dayanand Sarstwati Chair" by the UGC.



Braving the constraints and odds which are an integral part of an institution's origin and development, the significant increase in number of applicants opting for the various programmes offered by the University is a testimony of faculty's commitment towards academics and research. A quick glance at statistics showing that in the year 2014-2015 we had only 2798 (approx) applications, which rose to 23400 in 2017-18 and further to 30000 in 2018-19 is one of the clear indicators of university's growth. As part of the Collegium of ten Central Universities for admission entrance test, the University is equally concerned about its nationalistic bonding aptly reflected in the pan-Indian ethos of the University.

The University has so far awarded 17 Ph.Ds, and 103 M.Phil degrees. At present 112 Integrated M.Phil-PhD/ Ph.D scholars across 12 departments are pursuing their research programmes. The University is able to mobilize resources from various funding agencies for research. The CUJ faculty has been awarded prestigious National/International Fellowships, project funding and recognition and is constantly contributing to various governmental and non- governmental sectors through research, consultancy and outreach activities. At present, more than 56 major/minor research projects of academic and social relevance are undertaken by the faculty members. The faculty members are able mobilise 30 crores extra-mural funding from different funding agencies viz. National Board of Higher Mathematics, Department of Atomic Energy, GOI, SERB, UGC, ICSSR, DST, IUAC, M/O Textile, GOI, DeITY, GOI, MSME, GOI, M/O New and Renewable Energy, GOI, EDII, Ahmedabad etc.

Understandably, the academic rigour needs to be supplemented with state-of-the art infrastructure and facilities. Hence, with Wifi facility on the campus and in hostels, an automated library, basic sports



infrastructure, yoga classes, clubs and interactive sessions etc., the students of the University succeeded in obtaining prestigious placements, which serves as a big boost, enabling the students to get groomed in facing any type of competition. Under this regimen, the University has admirably succeeded in inculcating basic human values and standards through diverse programmes and courses being currently offered.

The University has signed 23 National and 07 International MoU's, besides obtaining the membership of apex industry/academic bodies like United Nations Academic Impact, Confederation of Indian Industry, NHRDN, ISTD, AOITA, AIMA, ISTD, Jammu Chamber of Commerce and Industries, etc. The University has the distinction of signing a very exceptional MoU with CUHP, CUK, which will greatly enhance the mobility of students, the teaching faculty, also facilitating the transfer of credits, something unique and the first of its kind across the country.

Commensurating with the national agenda and local requirements for inculcating entrepreneurial skills among students and the local population, the University has established Institution Innovation Council and University Business Incubation Centre for fostering start-up culture. The growth of the University clearly reflects a visible upward graph in the area of teaching and learning, quality research and publication. This progressive developmental trend is quite visible in infrastructural and support facilities. Further, the University is successful in qualitatively enhancing basic facilities in the class rooms in the form of smart teaching rooms and extensive use of ICT for multiplier effect in all its multidimensional activities.

The University possesses Faculty from all over the country and four round of selections have been completed to fill the vacant teaching and non-teaching positions. Many innovative proposals for increasing the educational opportunities in varied fields of specialisations as submitted by the University are under consideration of various Ministries of the Govt of India. The University is marching ahead to address all aspects of higher education and has also adopted five villages in the adjoining areas under Unnat Bharat Abhiyan as part of its social outreach programme. One School from each village is adopted for undertaking Capacity Building Programme for Teachers/Administrators and Students-Oriented Support Programmes under PMMMNMTT.

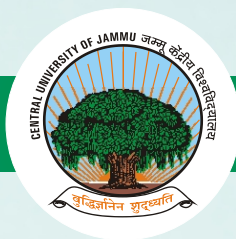
University has taken a series of digital initiatives to become paperless and cashless. The university has reduced its paper consumption and in the coming months the paper consumption will be reduced to 1/3rd of 2016-17. Other notable activities include: Quality Improvement measures; International Fellowships; Eminent Lecture Series; Faculty Induction and Development Programs; Maiden Convocation; Coaching Classes for Competitive Examinations; Leadership through Sports Program.

The Directorate of Internal Quality Assurance has been instrumental in NAAC Accreditation of the University. University has been awarded B++ with 2.88 Grade point by the NAAC and is ahead of seven new Central Universities. The University has participated in National Institutional Ranking Framework (NIRF) with rank 150-200 band.. University has obtained the approval of Management and M..Tech. (Computer Science and Technology) programmes from All India Council of Technical Education (AICTE).

The challenges and opportunities are elixir of Higher Education Institutions and the real catalyst and investments are goodwill and cooperation of all stakeholders: teaching faculty, scholars, students, administrative staff. Optimism is half the race won. With sustained smart work, support, camaraderie and goodwill, the Central University of Jammu is all bound to attain new pinnacles of glory in the year ahead.

Jai Hind!

Prof. Ashok Aima



LOGO & ITS DESCRIPTION

Logo



The Rising Sun, the Banyan Tree and the Infinite Sky are some of the most important constituents of nature, epitomizing its essence and motivating the mankind to embrace a productive way of life, to acquire knowledge and attain peace and happiness.

These elements have been arranged together into an emblem to represent the Central University of Jammu.

Description



RISING SUN : The Rising Sun in the backdrop of the Banyan Tree is emblematic of victory over darkness - the triumph of enlightenment over ignorance. The students shall abide in light, acquire knowledge and grow in wisdom.



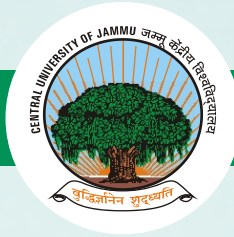
BANYAN TREE : This part of the emblem proclaims that as the Banyan Tree filters impurities to provide pure air, proliferation through its prop roots, the University intends to resonate wisdom and knowledge, leading to organised thought, discriminative faculty and self-discipline through contribution and participation of its alumni.



INFINITE SKY : The vast canopy of the Infinite Sky filled with rays of Sun denotes the enormous expanse available for acquisition, growth and spread of knowledge; the soaring spirit as also an exhaustive domain for nurturing and flow of ideas.

University is an abode of boundless learning, knowledge and wisdom that paves the way to purposeful self-introspection, leading to individual growth and development.

To sum up, the Rising Sun along with the Banyan Tree and the Infinite Sky, truly reflect the values, aspirations, goals and ethos of the university as it seeks to usher in an enlightened society through vibrant, learned and empowered youth ready to adopt new ideas and emerging trends in the modern world; eager to face the resultant changes.



Motto, Vision & Mission

Motto

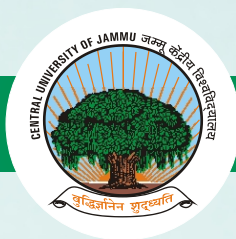
Motto of the University बुद्धिज्ञानेन शुद्ध्यति implies that knowledge refines, purifies and sharpens the mind.

Vision

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

Mission

- To impart 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.
- To inculcate self confidence; which when combined with disciplined study, leads to faith in one's strength and conviction.
- To develop talent for sustainable growth in academics, administration, business and research by laying emphasis on organised thought, self-discipline and discriminative faculty.
- To encourage 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.
- To provide a modern, environmentally sustainable, healthy and vibrant Campus in consonance with the principles of Green technology.
- To play participatory role in the affairs of the people of surrounding areas in particular and civil society in general.



1. Central University of Jammu

The Central University of Jammu came into existence on August 08, 2011, with the appointment of the first Vice-Chancellor. It was established by the Central Universities Act, 2009 (Act No. 25 of 2009 read with the Central Universities Act, 2009). The Central University of Jammu campus is under construction at Village Bagla, Raya Suchani in District Samba, which is at an approximate distance of 25 kms from Jammu.

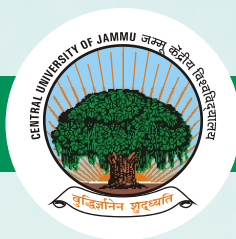


2. Campus Site

The administrative office of the University is housed in a building at the campus site at Raya-Suchani (Bagla), Distt. Samba (J&K). It has been made functional by providing facilities like computer networking, furniture, furnishings and other equipments.

All the teaching departments have started their functioning from the Main Campus of the University from the Academic Session 2017-18.

For the academic session 2019-20, admission shall be offered for all Academic & Vocational Courses viz., Computer Science and Information Technology, economics, educational Studies, English, Environmental Sciences, Business Administration, Mass Communication & New Media, Mathematics, National Security Studies, Public Policy & Public Administration, Social work, Tourism Management, Hindi, Five-Year Integrated M.Sc. Course in Botany, Zoology,



Physics, Chemistry, M.Sc. in Material Sciences & Technology and M.B.A. in Marketing Management and Two research centres and also vocational courses offered in B.Voc. Retail Management, B.Voc. Banking & Financial Services (by Department of Business Administration), Tourism Management (by Department of Tourism Management), Diploma in Beauty and Wellness, Diploma in Beauty and Wellness (Makeup), Diploma in apparel (Dress Designing and Tailoring), Diploma in Retail Management, Diploma in Tourism Management under the aegis of Community College.

The University has the requisite accommodation for class rooms, teaching faculty, research scholars and computer labs. It has a spacious canteen, a play ground and a health center managed by doctors appointed by the University. The campus is networked having wired and wireless Internet facility. The University is having NKN (National Knowledge Network) connectivity of bandwidth of 1 GBPS. The virtual classroom setup is also in place which is connected through NKN connectivity with other academic and research institutes.





3. Sailable Features of the University

Guided by the reforms agenda in higher education and learning from the experiences of the best universities of the world, the University has introduced a number of innovations as detailed below :

1. **Semester-Based Academic Calendar :**

All academic programmes of the University, Integrated Master's Degree, Master's Degree and Ph.D. programmes are conducted as per the UGC guidelines and designed at par with global practices in terms of effective number of teaching days and teaching learning inputs. All admitted candidates in Ph.D. programmes undergo mandatory coursework of six months duration.

2. **Programmes Based on Comprehensive Choice Based Credit System :**

The University has adopted Choice Based system (CBCS) as per the UGC guidelines.

3. **Innovative Approach in Designing Programmes of Studies :**

The Programmes of Studies offered by the University have been designed with an objective of making students globally competitive in their respective fields. The focus is on the Learner-Centred Approach as opposed to the conventional Teacher Centred approach to accommodate learner's needs and expectations to have wider choices in content, mode and pace of learning.

4. **Inter-disciplinary Programmes of Studies :**

The academics Departments of the University are designed around basic disciplines to enable faculty members to focus on their specialized areas of research. Each programme of Study of the University is inter-disciplinary that empowers the students to accumulate required number of credits from a wide variety of courses offered by other departments of the University as well.

5. **Evaluation Process for all Academic Programmes**

Students in all programmes of studies across disciplines and at all levels are assessed through Continuous Internal Assessment based on quizzes, assignments, independent works, group work, mid-semester and end-semester examinations. Each Department offers minimum four activities out of a list of activities to assess the performance of the students through wide variety of activities under continuous Internal Assessment. The evaluation process comprises the following :

Continuous Internal Assessment	25%
Mid-Semester Examination	25%
End-Semester Examination	50%



6. Ph.D. Programmes :

The University has full-time/part-time Ph.D. programmes that aim at sharpening the research skills, grooming teaching abilities, producing quality research publications and proactive participation in seminars/conferences.

Academic Infrastructure of the University :

7. Classrooms and Lecture Theatres :

The University has adequate number of classrooms and Lecture Theatres to cater to the present needs of the various academic programmes. The classrooms are well furnished and equipped with requisite multimedia aids for teaching.

8. Library :

The University has fully automated library. The library is stacked with adequate number of books, journals and reference materials related to the various disciplines/programmes of study offered by the University.

9. Internet & ICT Labs :

The University is equipped with seamless Wi-Fi connectivity and students can access the Internet through their own laptops from anywhere in the Campus. The University also has three state-of-the-art ICT Labs equipped with high-end PCs loaded with necessary softwares accessible to the students.

10. University Business Incubation Centre (UBIC) :

The University Business Incubation Centre (UBIC) has been set up and has been functional since 2015 under the aegis of Innovation, Incubation and Entrepreneurship Council sponsored by M/O MSME, GOI to foster a culture of entrepreneurship amongst students as well as local population. The aim and focus of the Incubation Centre is to nurture innovative ideas for commercialization and to provide infrastructural support to incubatees.



UBIC nurtures the innovative ideas of existing and prospective entrepreneurs in emerging innovative ventures by providing necessary mentoring, promoting IP ecosystem and providing entrepreneurs a platform to commercialize their ideas besides helping to raise the seed capital from different financial institutions at subsidized rates and IP protection. Also, Campus Start Up track has been initiated for promoting innovation. In this line, Rs. 25000/- cash prize has been announced by UBIC for promoting best innovative ideas having commercial relevance. In order to create an awareness about best innovative having commercial relevance. In order to create an awareness about entrepreneurship and sensitizing students about various schemes of GOI, a Lecture Series has been initiated by the UBIC and UIC wherein experts from diverse fields along with successful entrepreneurs are invited to deliver lectures.

11. Industry-Academia Interface :

The University has signed MoUs with various industries, reputed institutes/universities within the country and abroad which include MoUs with Chamber of Commerce and Industries-Jammu, VLCC, NASSCOM Foundation-New Delhi, Ashray Incubator-Ahmedabad, ASCI-Hyderabad. The University has also obtained membership of apex industrial organizations viz. ISTD, IAOTA, CII, NHRDN, AIMA, United Nation Academic Impact (UNAI) etc. This linkage has led to creating a strong industry-academia interface for the benefit of the students and the faculty. The University has initiated Eminent Lecture Series wherein prominent personalities and experts are invited periodically for interaction with students and faculty.

The University organized a Three Day HRD Congress in 2017 with an objective to strengthen the links between University and Corporate Houses. The event witnessed participation of industry leaders from 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 the students and faculty across the disciplines. Furthermore, through HRD



Congress, the University was able to generate training, mentorship and placement avenues for faculty and students respectively.

The University has also initiated a unique Corporate Immersion & Leadership Development Programme with an objective to sensitize the professionals towards the grass root level understanding of industry that attempts to connect classroom learning with real time environment.

12. Co-curricular Activities :

Facilities for sports and other co-curricular activities are available at the University Campus. These include outdoor games such as cricket, football, volleyball, badminton and basketball. Besides, facilities for indoor games like table tennis, chess and carrom are also available.

13. NSS Activities :

The National Service scheme (NSS) unit was created in the Central University of Jammu in 2015 in order to engage students in co-curricular activities such as community development and awareness programmes. The Unit has enrolled more than 120 volunteers from various departments of the University. It has organized various activities : Blood Donation Camp, Visit under PRA (Participatory Rural Appraisal), Participation in Youth Festival, republic Day Celebrations, Digital India Workshop etc.

14. Gymnasium :

The University has established fully equipped gymnasium in the Main Campus.

15. Combined Coaching Classes :

The University is also providing coaching classes of Combined Central and State Services Preliminary Examination to the students of the University as well as students from outside the University with due number of seats for the SC, ST, OBC & PwD Students.

**16. PG Diploma Course in Yoga :**

The University has started One Year PG Diploma course in Yoga w.e.f. Academic Session 2018 for the benefit of the students.

17. Udaan :

University organizes cultural festival UDAAN wherein students showcase their talents in various areas like Singing, Dancing, Painting, Rangoli Making etc.

18. Facilities :**(i) Faculty Rooms and Cabins :**

Faculty has well equipped IT-enabled cubicles and work stations providing them all facilities for pursuing academic and research activities.

(ii) Seminar Hall

Well-equipped Seminar Hall with a seating capacity of 170 has been created. The Committee rooms have been established at main campus for meetings, seminars, academic activities etc.

(iii) Healthcare

Medical facilities with full time doctors and nursing staff has been made available for the students, staff and faculty of the University at its campus.

(iv) Canteen/Caferia

The University has a spacious, airy canteen where students and teaching faculty relish the neat and clean eatables prepared under hygenic conditions at its campus.

(v) Hostels/Halls of Residence

The University has one Boy's Hostel (100 bed) and one Girl's Hostel (100 bed) under construction. At present the University has hired private buildings on monthly rent basis in Jammu city to accomodate outstation students. Depending on availability, these are allotted to the students on merit and distance basis.

(vi) Anti-Ragging Measures

The University is committed to prevent ragging and an Anti-Ragging Committee has been constituted in accordance with the relevant Supreme Court guidelines.

**19. What constitutes Ragging :**

- (i) 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.
- (ii) Indulging in rowdy or undisciplined activities of any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof any fresher or any other student.
- (iii) Asking any student to do any act which such student will not in ordinary courses do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.
- (iv) Any act by a senior student that prevents, disrupts the regular academic tasks assigned to an individual or a group of students.
- (v) Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- (vi) Any act of financial extortion or forceful expenditure/burden put on fresher or any other student.
- (vii) Any act of physical abuse including all variants of it : sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health of any person.
- (viii) Any act or abuse by spoken words, emails, posts, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.
- (ix) Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.



HIGHLIGHTS OF THE YEAR

1. THE UNIVERSITY STATUTORY / OTHER BODIES MEETINGS:

- **The Court:** 5th Meeting of the University Court was held on 7th September, 2018.
- **The Executive Council:** The 14th Executive Council meeting of Central University of Jammu was held at its Main Campus, Raya Suchani (Bagala), Samba, on 31st August, 2018 in which various important academic and administrative decisions were taken.
- **The Finance Committee:** 16th meeting of Finance Committee was held on 3rd November, 2018.

● THE SCHOOL BOARDS:

S. No	School	Date of Meeting
1.	School of Humanities and Social Studies	13-03-2019

● THE BOARD OF STUDIES:

S. No	Department	Date of Meeting
1.	Zoology	13-09-2018 26-11-2018
2.	Botany	29-11-2018
3.	Centre for Molecular Biology	31-08-2018
4.	Computer Science and Information Technology	17-12-2018 10-01-2019
5.	Marketing and Supply Chain Management	18-08-2018
6.	Public Policy and Public Administration	14-12-2018
7.	Human Resource Management & OB	10-08-2018
8.	Tourism and Travel Management	10-08-2018, 01-02-2019

2. EXAMINATION AND RESULTS:

Pass Percentage of PG, UG and Integrated Programmes for Academic Session 2018-19, Examination of which were held in the month of December, 2018 as are as follows:

Name of the Department	Semester I in %	Semester II in %	Semester III in %	Semester IV in %
Department of HRM & OB	81	100	94	100
Department of Tourism and Travel Management	85	100	91	100
Department of Marketing and Supply Chain Management	100	100	100	100



Department of Mass Communication & New Media	100	100	96	100
Department of Computer Science and Information Technology	95	100	100	100
Department of Mathematics	80	100	96	100
Department of Nano Science and Material	81	100	100	100
Department of Chemistry and Chemical Science	78	100	59	100
Department of Physics and Astronomical Sciences	86	100	94	100
Department of Educational Studies	81	100	94	100
Department of Economics	50	100	72	100
Department of Public Policy and Administration	55	100	94	100
Department of Sociology and Social work	69	100	96	100
Centre for Comparative Religion and Civilization	-	-	-	-
Department of English	61	100	89	100
Department of Hindi and Other Languages	100	100	100	100
Department of Environmental Sciences	95	100	97	100
Centre for Molecular Biology	-	-	-	-
Department of Zoology	82	100	89	100
Department of Botony	71	100	84	100
Department of National Security Studies	80	100	100	100
B.Voc (Retail Management)	71	100	82	100
B.Voc (Tourism Management)	41	100	55	100
Beauty and Wellness	-	-	-	-
Yoga Center	100	-	-	-

3. RECRUITMENT/APPOINTMENT/PROMOTIONS

● NON-TEACHING RECRUITMENT

The University conducted 2-tier tests for 21 non-teaching recruitment posts to fill up 30 vacancies. Written tests for these posts were conducted on 23.12.2017, 24.12.2017 and 07.01.2018 whereas Skills Tests for these posts were conducted from 12.07.2018 to 03.08.2018. Interview for Group A posts were held on 29th to 30th August 2018. External experts and evaluators from reputed central and state universities and government organizations have conducted the entire selection



process. The record of which is available on the University website. After the approval of Executive Council, vide resolution no. 5, 6, 7 and 8, the University has appointed 03 Group A Officers and 21 Group B and C employees. The Central University of Jammu advertised various non-teaching posts vide Employment Notification No. 22 and 23 which includes the statutory posts of Controller of Examinations and Librarian.

4. PROMOTION UNDER CAREER ADVANCEMENT SCHEME (CAS)

The following faculty members of respective Departments are hereby promoted from Assistant Professor Stage-I to Assistant Professor Stage-II and placed in higher AGP of Rs. 7000/- (6th Pay Commission) with effect from the date as recommended by Screening-cum-Evaluation Committee and according to UGC norms and CAS instructions of having successfully attended one Orientation and one Refresher/ Research methodology course of 2/3 weeks duration, in addition to the duration of service:

Sl.No.	Name of the Faculty	Department	Date of Joining	Date of Promotion (Stage-I to Stage-II)
1.	Dr. Anita Singh	Environmental Sciences	08.07.2013	08.07.2017
2.	Dr. Shweta Yadav	Environmental Sciences	22.07.2013	22.07.2017
3.	Dr. J. Jeganaathan	National Security Studies	12.07.2013	11.06.2018
4.	Dr. R. Sudhakar	National Security Studies	09.12.2013	18.07.2018
5.	Dr. Neeta Rani	National Security Studies	08.07.2013	18.07.2018
6.	Dr. Neena Gupta Vij	English	01.07.2013	18.07.2018

5. WORKSHOPS / SEMINARS / LECTURES / SYMPOSIA / EVENTS

- On 7th August, 2018, State Bank of India made a presentation on Financial Literacy, updates on CGSP and other products / services of SBI including X-Press Power Gain to other bank account holders at Brig. Rajinder Singh Auditorium, MVC. The purpose of the presentation is to educate the employees of the University with various benefits on products and services being provided by the SBI.
- Directorate of Internal Quality Assurance (DIQA), University of Jammu, in collaboration with Directorate of Internal Quality Assurance (DIQA), Central University of Jammu organised a day long National Assessment Accreditation Council (NAAC), sponsored workshop on "NAAC Accreditation and Assessment Awareness" on 27th August 2018. The workshop was held at The Business School, University of Jammu. The workshop covered different facets of quality parameters as well as highlights key concerns of deteriorating quality of higher education.
- 1st Convention was organised by The STRAT FIRST INDIA in collaboration with Directorate of Internal Quality Assurance (DIQA), Central University of Jammu and University of Jammu on the



theme “Global Ranking in Higher Education: Issues and Challenges”. The focus of the convention was to outline strategies and improve world rankings of Indian institutions and to develop the Indian Ranking Index that will become a benchmark in itself. The Vice Chancellors of the universities in northern India participated in the event. Prof. V. S. Chauhan, Chairman, National Assessment and Accreditation Council, Bangalore was Chief Guest on the occasion.

- On 1st September, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the 7th meeting of Board of Governors, IIM Jammu, held at India International Centre, New Delhi.
- On 6th September, 2018, a three day National Conference on “Destination Branding and Competitive Positioning” was organized by the School of Business Studies, Central University of Jammu at IIPA Jammu sponsored by Ministry of Tourism, Govt. The main objective of this workshop was to bring together professionals in travel and tourism industry, policy makers, academicians and scholars from across the country to promote dialogue, discussion and discourse on intrinsic nuances of destination branding. The conference formed an intellectual pool receiving more than 50 research papers and delegates coming from length and breadth of the country including Rajasthan, Haryana, Karnataka, Hyderabad, Tamil Nadu, Himachal Pradesh, Goa, Meghalaya and Kashmir. Sh. Parvez Dewan, IAS, Former Secretary, Tourism was invited as a Chief Guest in the inaugural function and Ambassador G. Parthasarthy, Chancellor, Central University of Jammu was invited as a Chief Guest on the valedictory session.
- On 13th September, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu participated in an International Conference on the theme “Tourism for developing Economies the path unexplored” organized by Indian Institute of Tourism and Travel Management, Noida. On this occasion they also facilitated Prof. Aima, for his significant contribution in the tourism academia.
- Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the Conference of Academic Leadership on 'Education for Resurgence' organized by Research for Resurgence Foundation in collaboration with UGC, AICTE, IGNOU, IGNC, ICSSR, JNU and SGT University held on 29th September, 2018, at Vigyan Bhawan, New Delhi.
- From 14th to 28th September, 2018, Central University of Jammu organized 'Induction Programme' for newly appointed non-teaching employees of Central University of Jammu.
- Central University of Jammu celebrated Hindi Pakhwara from 14th to 28th September, 2018. On 14th September, 2018, Central University of Jammu organized 'Hindi Poetry Conference' with the help of Jammu and Kashmir National Language Publicity. The Chief Guest on this occasion was Shri Ramesh Arora, MLC, J&K. Various other programmes which were organized during this Pakhwara are/were debate competition, poster competition, essay writing competition, noting and drafting



examination, word dictionary, quiz competition etc.

- From 15th to 30th September, 2018, National Service Scheme (NSS) of the Central University of Jammu under Swachhta Hi Seva programme organized various activities to celebrate the 150th Birth Anniversary of Mahatama Gandhi like Swachhta Awareness / cleaning drive in the neighbourhood, University level Shapath for All faculty and staff members, Nukkad Natak by NSS Volunteers, Village visits/High schools vists, etc.
- On 1st October, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, participated in one day workshop on “Bharat Marching towards Total Employability through Education” organized by Haryana Vishwakarma Skill University and spoke on the topic “Skilling for Employability”.
- Department of Educational Studies, Central University of Jammu, under the aegis of School of Education (Pandit Madan Mohan Malviya National Mission on Teachers and Teaching) organized two days national seminar on the topic “Teacher Education: Issues and Challenges” on 04th October, 2018, at Brig. Rajinder Singh Auditorium, Central University of Jammu. Delegates from different parts of the country participated in the said event and discussions were held on various issues related to teacher education. The Chief Guest on this occasion was Prof. Ashok Aima, Vice Chancellor, CUJ. The keynote address was presented by Prof. S.C. Panigrahi, M.S. University, Baroda in total 28 papers were presented during this two days national seminar. The Chief Guest on the valedictory function was Prof. Mohd. Miyan, former Vice Chancellor, Maulana Azad National Urdu University, Hyderabad.
- On 11th October, 2018, a Two Day National Workshop on "Imagining- The future of the Space Science and its Strategic Importance" was organized by Department of Physics and Astronomical Sciences, Central University of Jammu, at its main campus Bagla which was sponsored by Indian Space Research Organization (ISRO), Department of Space, Govt. of India. During the inaugural function, Hon'ble Union Minister of State, Dr. Jitendra Singh was the Chief Guest; Chairman, ISRO- Dr. K Sivan, Guest of Honor and Former Chairman ISRO & Member of Executive Council CU Jammu- Dr. K Radhakrishnan and CEO & Chairman J&K Bank- Jenab Parvez Ahmed were the Special guests. Dr. K. Sivan in his talk highlights the importance of Space Science for the mankind. He apprised the audience about the purpose of establishing the Satish Dhawan Centre for Space Science at Central University of Jammu- First kind of research centre in Northern region. The objective of this centre will be to develop a Centre of Advance Studies in Space Sciences in J&K and Himalayan region, to promote the programme of space applications and to turn students into the future generation of leadership of high technology research and industry in India and abroad. In the presence of all the dignitaries, two Memorandum of Understanding (MoU) were signed. One



was between Central University of Jammu and Indian Space Research Organization (ISRO) to establish 'Satish Dhawan Centre for Space Science' and Second one was between Central University of Jammu and Central Scientific Instrumental Organization (CSIR-CSIO), Chandigarh.

- On 20th October, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu and IGP, Jammu, flagged off coaches from J&K (Jammu Segment) for a week long workshop on Leadership through Sports Program at Jamia Milia Islamia, New Delhi. The programme was jointly organized by School of Business Studies, Central University of Jammu and Ball State University, USA, under USA India Public Diplomacy Grants. In all 20 coaches from J&K (Jammu, Kashmir and Ladakh) attended the program at Delhi.
- On 25th October, 2018, Literary Club of Central University of Jammu, organized a poetry recitation and a panel discussion as a "Tribute to Atal ji as a Poet" in the Brig. Rajinder Singh, Auditorium, CUJ. The panel discussion was held on the topic "Literature and Politics A Correlation".
- On 4th October, 2018, Department of Mathematics, Central University of Jammu, organized two days National Conference on "Recent Advances in Mathematics". The inaugural function of the conference was held at Brig. Rajinder Singh Auditorium, Central University of Jammu. Prof. A.P. Singh, former Vice Chancellor, Central University of Rajasthan was the Key Note speaker. He apprised the audience of the Field Medal, Abel Prize and other prizes which are awarded in Mathematics. Prof. S. Ueki, Tokai University Japan appreciated the department for inviting him for a period of four weeks in the department.
- On 12th November, 2018, Prof. Ashok Aima was invited as Chief Guest in the inaugural session of one week Faculty Development Programme for SIE/DIET functionaries of Kashmir Valley organized by Department of Teacher Education, School of Education, Central University of Kashmir.
- On 12th November, 2018, Department of Environmental Studies, Central University of Jammu organized a Seminar on the topic "Atmospheric Aerosols in India Perspective: Climate and Ecosystem Health Implications" by Dr. Sachin S Gunthe (Fulbright Fellow), Associate Professor & Head, Max Planck Partner Group, IIT Madras, Chennai.
- A two day workshop on the topic "Teacher as Resource, ICT and MOOCs for Quality in Teaching Learning" was organized at DIET Leh by Centre for Learning and Pedagogic, Centre for Teacher Resource and Academic Support and Centre for Assessment and Evaluation, School of Education, Central University of Jammu, under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching on 13th November, 2018. The workshop was attended by about 85 teachers from various zones of Leh district. The main objective of this workshop was to enable teachers to become competent in innovatively employing the tools of technology to supplement



their traditional teaching methods and thereby to achieve enhanced learning of the students; to give an insight on a series of ICT tools that implicitly support creative learning and innovative teaching.

- From 29th November to 01st December, 2018, a three-day workshop on 'Recent Trends & Issues in School Administration and Leadership' was organized by the Department of Educational Studies, Central University of Jammu under the aegis of School of Education, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNTT) a national scheme of MHRD, Government of India in collaboration with the Chief Education Officer of Kishtwar district, J&K state, for the Head Teachers of elementary schools of District Kishtwar. The key objectives of the workshop were develop essential skills, competencies and values needed for effective school administration and leadership; and to enable the head teachers of elementary schools to create congenial environment for teaching-learning in the school. About 40 Head Teachers of elementary schools of Kistwar District of J&K participated in the workshop.
- On 03rd December, 2018, Central University of Jammu organized one day NPTEL Awareness workshop in its campus in which about one hundred and five delegates from various Higher Education Institutes (HEIs) of the region participated. The workshop mainly focused on NPTEL and its features, NPTEL Online Certification Courses and the concept of NPTEL Local Chapter. Prof. Satyaki Roy, National Coordinator, NPTEL and the Key Resource Person, enlightened the participants about NPTEL establishment and objectives. Sharing the purpose of the workshop, Dr. J.N. Baliya (SPOC, NPTEL) informed that the (NPTEL) has established its LOCAL CHAPTER in Central University of Jammu for building the desirable environment of digital learning in the region and also to encourage the young generation to improve the skills and knowledge by joining the venture of NPTEL courses network.
- Department of Human Resource Management & Organisational Behaviour, School of Business Studies, Central University of Jammu organised AICTE-ISTE Refresher Programme on "Scale Development For Faculty Members And Scholars" for faculty members of Management and allied disciplines working in AICTE/UGC recognised research institutions, colleges and University Post Graduate Departments inside and outside the State from 3rd to 12th December 2018.
- Department of Computer Science and Information Technology, Central University of Jammu, in collaboration with C-DAC Mohali organised one week workshop from December 10th -14th, 2018 on the topic "e-Suruksha" under the aegis of the project on Information Security Education and Awareness (ISEA), Ministry of Electronics and Information Technology, Govt. of India. The workshop was inaugurated by the Chief Guest Prof. Ashok Aima, Vice Chancellor, Central University of Jammu on 10th December, 2018 in the University main campus. The list of resource persons for the workshop included Mr. Akhil Goyal, Mr. Harpreet Singh and Mr. Chetan Soni, the



leading practitioners from C-DAC, Mohali. More than 40 participants from various government institutions registered and participated in this workshop.

- On 12th December, 2018, Department of Nano Science and Materials, Central University of Jammu organized lecture on the topic 'Future Prospects of Materials Science and Technology' for the science students of the Central University of Jammu held at Brig. Rajinder Singh Auditorium, Central University of Jammu.
- Department of Botany, Central University of Jammu organized a two day National Conference on the topic “Recent Development in Plant Stress Biology: Translating Laboratory Research to Human Welfare (RDPSB2019; 7 to 8 December,18)” at Brig. Rajinder Singh Auditorium, University of Jammu, on 7th and 8th December, 2018. Eighty five delegates, including eminent Academicians and Scientists participated and presented their work in the six technical sessions and the poster session. Prof. Manoj K. Dhar, Vice Chancellor, University of Jammu was the Chief Guest whereas Dr. Narendra Tuteja, Sr. Scientist, ICgeb, New Delhi, and Dr. S.D. Jamwal, IGP Jammu, were the Guests of Honour in the inauguration session. Dr. Sanjay Kumar, Director CSIR- IHBt, Palampur was the Chief Guest while Prof. A. K. Koul, Former Head, Department of Botany, University of Jammu was the Guest of Honour in the valedictory session.
- On 13th December, 2018, a two member committee comprising Shri S.P. Bhatnagar, Regional Director of NSS, New Delhi and Dr. Ashok Kumar Shroti, Regional Director of NSS, Lucknow, visited Central University of Jammu for inspection regarding the establishment of NSS Empanelled Training Institute under Ministry of Sports and Youth Affairs, GoI.
- On 14th December, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu was invited as Chief Guest for the 22nd Annual Conference of the Indian Political Economy Association, hosted by the Department of Economics, University of Jammu as part of the University's Golden Jubilee Celebrations.
- On 10th January, 2019, Institution Innovation Council (IIC), Central University of Jammu, organised a lecture on Smart India Hackathon, for the students of Central University of Jammu for clear understanding and maximum participation in the event. On this occasion, speakers focused on major initiatives of MHRD implemented through MHRD's Innovation Cell (MIC) which are Smart India Hackathon (SIH), Institution Innovation Council (IIC) and National Start-up Policy for Students and Faculties in HEIs.
- On 12th January, 2019, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, was invited for one day National Seminar on “Skills and Employability for Industry 4.0” organized by IILM Graduate, School of Management, Greater Noida, in association with Shri Vishwakarma Skills University and United Nation Compact.
- The Department of Chemistry and Chemical Sciences, Central University of Jammu, organized the 1st ChemForum Lecture Series on “Drug Design and Discovery” on 25th January, 2019, in the main campus. 'ChemForum' is a platform to introduce students of chemistry to emerging areas of



Chemical Sciences by eminent Scientists. It provides an opportunity for interaction of young minds and faculty members with distinguished researchers from academic institutions as well as from industries. Prof. Pawan Kumar Sharma, Department of Chemistry, Kurukshetra University, delivered a lecture on 'Future Therapies: Paradigm Shift in Drug Design and Discovery' followed by Dr. Qazi Naveed Ahmed from CSIR-IIIM, Jammu.

- On 29th January, 2019, Department of Mass Communication and New Media, Central University of Jammu, organized one day workshop for the students of their department. Sh Ramesh Chandra, Senior Videographer and Trainer at IIMC Delhi chaired the session on the occasion.

6. MEMORANDUM OF UNDERSTANDING (MOU)

- On 2nd August, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, visited MHRD, New Delhi, for signing of Tripartite MoU between MHRD, UGC and the University.
- On 28th December, 2018, Central University of Jammu, signed MoU with J&K Bank to establish a state-of-the-art Business Unit with the digital lobby at its main campus, Bagla. The Business Unit will have digital banking and infotainment facilities for University Students, Scholars and the Faculty Members. The unit will also create of facilities like Student Information Centre, Pride Corner, Outdoor and Indoor Amphitheatre, Mini Café, Seminar Room, Book Wall and Digital Banking Lobby. Zonal Head, Jammu Central II Narjay Gupta and Registrar, Central University of Jammu Dr Ravi Kumar signed the MoU in presence of the Vice-Chancellor, Central University of Jammu, Prof. Ashok Aima at the main campus of the University.
- The Indian Space Research Organisation (ISRO) signed an MoU with the Central University of Jammu (CUJ) on 11th October, 2018 for setting up of the "Satish Dhawan Centre for Space Science" in the University. The MoU was signed in the presence of Honourable Union Minister, Govt of India, Dr. Jitendra Singh, ISRO Chairman- Dr. K Sivan, Former Chairman ISRO & Member of Executive Council, Central University of Jammu- Dr. K Radhakrishnan and CEO & Chairman J & K Bank- Jenab Parvez Ahmed. The aim of the MOU is to create awareness about space research and to motivate young minds to take up research related to space, Astronomy, Geology, Atmospheric Sciences and related fields. High end research labs like Geospatial techniques Lab, automatic weather station, research lab for Astrophysics, Materials Sciences Lab for space applications, atmospheric sensing and Glacier Studies Lab and Disaster Management Unit will be set up at Central University of Jammu.
- An MoU was signed between Central Scientific Instruments Organisation (CSIR- CSIO), Chandigarh and Central University of Jammu, Jammu on 11th October, 2018 to commence the sharing of instrumentation facilities and collaborative research in materials science, sensor, biomedical and computational etc. MoU was signed by Dr H. K. Sardana, Officiating Director and Chief Scientist, CSIR- CSIO, Chandigarh and Dr. Ravi Kumar, Registrar, Central University of Jammu in the presence



of Dr. Jitender Singh, Union Minister, Govt of India, Dr. K. Sivan, ISRO, Chairman, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, Dr. Radhakrishnan, Ex- ISRO Chairman during National Workshop on “Imagining the Future of the Space Science and its Strategic Importance” organized by Department of Physics and Astronomical Sciences, Central University of Jammu .

- Defence Research and Development Organisation (DRDO) and Central University of Jammu will sign an MoU for the establishment of DRDO Centre in the University. A regard team of DRDO officials visited the University from January 15th to 16th, 2019. It was decided that two would be established in the campus two verticals namely Computational Systems Security and Sensors. High performance computing facility in the University with 20-25 GPU Grade Server along with high speed networking infrastructure would be established to enable the research work under this vertical. DRDO will support budget for Consultancy, Logistic support, SRF, JRF, Training, Workshops, Conferences, Collaboration with other Academic Institutes etc. Five acres of land was identified for setting up the buildings and supporting infrastructure of the DRDO.
- An MoU was signed between Indian Council of World Affairs, New Delhi and Central University of Jammu on 09th February, 2019 to facilitate comfortable movement and exchange of students, scholars and the faculty members for an informed and rational view and interpretations of world affairs.

7. IMPORTANT VISITS

- On 7th August, 2018, Regional Director, NSS, New Delhi, visited Central University of Jammu regarding the establishment of Empanelled Training Institutes for National Service Scheme (NSS) Programme Officers of Jammu & Kashmir State.
- On 06th August, 2018, first meeting of the Subject Specific Expert Committee for drafting Learning Outcome based Curriculum Framework (LOCF) for Under-Graduate and Post-Graduate level on Management was conducted in the Vice Chancellor Secretariat, Central University of Jammu. Prof. Ashok Aima, Vice Chancellor, Central University of Jammu (Chairperson of the above said committee) and Prof. B. Raja Shekhar, School of Management Studies, University of Hyderabad (Member of the Committee) besides six internal committee members constituted by Vice Chancellor, CUJ, attended the meeting.
- First meeting of the Academic Council of National Resource Centre, Human Resource Management, was held on 10th August, 2018, at IIC, New Delhi. The mandate of the NRC is to provide online orientation/refresher courses to the higher education faculty through MOOCs platforms like SWAYAM. The meeting was attended by Prof. Ashok Aima, Vice Chancellor, Central University of Jammu; Prof. TV Rao, Prof. M.I. Haque, Prof. Naval Kishore, Shri Subash Jagota, Shri. Nalin Srivastava, Shri Kamal Singh, Prof. L.K. Verma (Coordinator NRC), Dr. Jaya Bhasin & Dr. Shahid Mushtaq (Course Coordinators).



- On 17th August, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the 81st meeting of the Executive Committee of National Assessment and Accreditation Council (NAAC), which was held at Board Room, NAAC, Bengaluru.
- The CUJ under the MHRD flagship programme UBA conducted Gram Sabha of four villages with the cooperation of the Samba District Administration on the occasion of 72nd Independence Day at Jhang panchayat which has been adopted by the University. Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, was the Chief Guest for the occasion. It is pertinent to mention here that the CUJ has been recently selected through challenge mode and has become the Participating Institute under Unnat Bharat Abhiyan by signing MoU with IIT-Delhi, the National Coordinating Institute.
- From 22nd to 27th October, 2018 School of Business Studies, Central University of Jammu became the first University in Northern India to conduct a collaborative Project on “Leadership through Sports Program for Jammu and Kashmir” with Ball State University, USA. In this program Five American sports mentors/coaches (three female and two male) from USA shared their best experience on how to build sports and leadership programs in underserved communities. Upon completion of the week-long workshop, the Ball State University, Muncie, Indiana is overseeing a six-month virtual mentoring program between the American sports mentors/coaches and the participants. The entire funding would be borne by the Ball State University, Indiana, USA under US Mission India Public Diplomacy Grants Program. In this program twenty sports persons from across the three regions, Ladakh, Kashmir valley and Jammu participated in the event.
- From 10th September, 2018 to 05th October, 2018, Prof. Sei-Chiro Ueki, Tokai University Japan, visited Department of Mathematics, Central University of Jammu. The main purpose of this visit was to strengthen the research ties between two universities. Prof. Ueki, has already established a collaborative research link with Dr. Ajay K. Sharma, Head, Department of Mathematics, Central University of Jammu and they have jointly published five research papers in leading international journals.
- On 15th November, 2018, Amb. G. Parthasarathy, Honourable Chancellor, Central University of Jammu visited the CUJ campus and interacted with the Vice Chancellor, Registrar, faculty and Students of various departments.
- On 12th November, 2018, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, met Shri E.V. Eapen, IAS, Secretary, DARPG at New Delhi and gave presentation regarding Establishment of “Atal Centre for Good Governance & Policy Studies” at Central University of Jammu.



- In pursuance of Central Information Commission order, RTI Cell of the Central University of Jammu organized awareness programme on RTI for the faculty members and administrative officers of the Central University of Jammu on 5th December, 2018.
- Prof. Ashok Aima, Vice Chancellor, Central University of Jammu had a meeting with Honourable Governor, Govt. of J&K, Shri Satya Pal Malik at Raj Bhavan, Jammu on 02nd January, 2019, and briefed him about the functioning of the University. The Governor emphasized the importance of continuing hard work by the faculty and students for achieving the highest standards in teaching, research and extra-curricular activities.
- On 14th January, 2019, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the Experts Committee meeting to reassess the de-novo aspect of the proposal of Institute of Rural Management, Anand (Gujarat) for Deemed to be University Status held at UGC Office, New Delhi.
- In order to promote sports excellence and to formulate a long term sports policy, the Central University of Jammu conducted its first Sports Advisory Council meeting at its main campus. The meeting was chaired by Honourable Vice Chancellor, CUJ, Prof. Ashok Aima who briefed about the various achievements and initiatives taken by Central University of Jammu. A council constituting of top sports achievers and experts of International Standing from the State comprised Shri Ranjeet Kalra, Co-chairman of the Council & Advisor for Sports, Govt. of Lakshdweep; Shri Haji Abdul Qayoom, Chief Sports Officer, J&K Sports Council; Shri Ashok Kumar, Director Sports, Shrine Board, Katra; Shri S.P.Singh, Senior Officer J&K State Sports Council and other senior sports members of J&K.
- On 29th January, 2019, live video conferencing of the unique interaction programme “Pariksha Pe Charcha 2.0” was held in the Brig. Rajinder Singh Auditorium, Central University of Jammu in which Honourable Prime Minister, Shri Narendra Modi Ji, discussed regarding exams, life with students, teachers and parents across the nation. Prof. Ashok Aima, Vice Chancellor, Central University of Jammu along with Registrar, Deans of Schools, Heads of Departments and large number of students and scholars attended the said programme.

8. BOOK EXHIBITION

- The Central University of Jammu organized two day book exhibition at its main campus, Bagla, on 13th and 14th November, 2018. About 23 book-sellers and publishers across the country have displayed their books in the exhibition.



DEPARTMENTS

Activities / Achievements

DEPARTMENT OF ENVIRONMENT SCIENCES

1. ABOUT THE DEPARTMENT

The Department of Environmental Sciences (EVS), established in 2012, is offering M.Sc. programme Environmental Sciences with an intake capacity of 30 students per year. Four batches of students have been admitted till now out of which the first two batches have already passed out. The main focus of the Department is to provide quality education in Environmental Sciences, which has become extremely important in view of increasing development-sustainability conflicts, which largely impact plants, animals and human life. The Department is committed to prepare its students for global competition in job market and research innovations through constant review, revision and updating of the course curriculum to keep pace with the advances made in the discipline, emerging areas of research and development and the new technologies to understand and ameliorate environmental problems. The present curriculum conforms to the Choice Based Credit System recommended by the UGC wherein the students have been given choice to specialize in Natural Resource Management, Environmental Geoscience, and Solid Waste Management. The teaching pedagogy is more learner-oriented in comparison to the conventional classroom teaching. The Department is laying stress on hands-on training of the students in the Lab. and in the field.

2. ACTIVITIES ORGANIZED

I. Celebration of Earth-Day- 2019

To celebrate International Earth Day (22nd April, 2019), the Department of Environmental Sciences, Central University of Jammu organised an event on 22nd April 2019 with the theme for year 2019 as Protect Our Species.

II. Exert Lecture by Dr. Ajay Sharma

On 1st April, 2019, a guest lecture was organized by Department of Environmental Sciences in which M.Sc. students, research scholars and faculty members participated. The guest was Dr. Ajay Sharma from the University of Florida. He explained his research work on Forest Ecology and



described the role of forest fires in shaping the forest landscapes.

III. Picnic

The most awaited day of the year was the (second semester of Department of Environmental Sciences Central University of Jammu) picnic to three places situated in Reasi District of Jammu (BABA DANSAL, AGAR JITO AND SAYIAD BABA).

IV. Wetland Day-2019

Department of Environmental Sciences, Central University of Jammu celebrated World Wetland Day on 1st February, 2019. The theme for this year was "Wetlands and Climate Change. The Department had invited eminent speakers; Prof. B. L. Kaul, Prof. P.L Kaul and Prof. K.L Razdan to share their valuable experiences and knowledge regarding various aspects of wetlands. In the keynote address Prof. B.L. Kaul spoke about the importance of wetlands and impacts of anthropogenic activities resulting in the degradation of various wetlands including Dal Lake. Prof. KL Razdan in his address also spoke about the consequences of human interference into nature and stressed the need for proper management of wetlands.

V. One Day Practical Excursion to School of Energy Management, SMVDU, Katra

On 29th January, 2019, Thirty three students (semester II), and one Ph.D. scholar of Department of Environmental Sciences, Central University of Jammu went to educational trip at School of Energy Management, Shri Mata Vaishno Devi University, Katra, under the supervision of Dr. Richa Kothari (Associate Professor) and Dr. Anita Singh (Assistant Professor).

VI. Visit to Nilkamal Plastics Ltd.

Department of Environmental Sciences, Central University of Jammu organized one day industrial visit to Nilkamal Limited, Samba, under the guidance of Dr. Pankaj Mehta on 24th January, 2019. Nilkamal Ltd is Asia's and India's number one company which manufactures finest plastic furniture and other industrial products. The students were shown each and every process of manufacturing beginning from the raw material stage to the formation of product.

VII. Expert Lecture by Dr. Sachin S. Gunthe

On 12th November, 2018, Fulbright Kalam fellow Dr. Shweta Yadav organised a seminar in collaboration with the Department of Civil Engineering, IIT Madras at Brigadier Rajinder Singh, MVC Auditorium, Central University of Jammu, J&K. Fulbright Nehru fellow Dr. Sachin S. Gunthe (Associate Professor and Head, Max Planck partner group on Bioaerosols) gave a talk on "Atmospheric Aerosols in Indian perspective: Climate and Ecosystem Health Implications", followed by a brain storming session with the Faculty and Students of Central University of Jammu and neighboring universities.



VIII. Ozone Day

On 17th September, 2018, Department of Environmental Sciences celebrated International Day for the Preservation of the Ozone Layer at Brigadier Rajinder Singh, MVC Auditorium, Central University of Jammu, J&K. The Keynote address on this occasion was given by Dr. J C Kuniyal, Scientist-F.

IX. Vanmohatsav-2018

Central university of Jammu in collaboration with J&K Social Forestry Department Jammu, organised Vanmohatsav, in which near about 3000 plants were planted all over the University Campus. Many well-known dignitaries were present to grace this occasion along with Professor Ashok Aima, Honourable Vice Chancellor, Central university of Jammu. Mr.A.K.Gupta (additional PCCF,I.F.S) was the guest of honour of this event. Mr.Gupta, while addressing the gathering focused on the importance of planting trees and how trees contribute in balancing our ecosystem. Along with Mr. Gupta, many other guests like Mr. Praveen Kumar Raghav (Regional Director, Social Forestry Department Jammu), Ms. Neha Mehta (D.F.O, Social Forestry Department Jammu), Dr. C. M. Seth, Prof. N. K. Tripathi (Dean, School of Life Sciences) and Heads of various departments were also present in the event.

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- Sharma, B., Kothari, R. and Singh, R.P. Growth performance, metal accumulation and biochemical responses of Palak (*Beta vulgaris* L. var. Allgreen H-1) grown on soil amended with sewage sludge-fly ash mixtures. *Environmental Science and Pollution Research*, 25 1261912640, 2018 (IF 2.800).
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4. PUBLICATIONS IN CONFERENCE PROCEEDINGS

- Singh A., (2018). Comparative study for cellulase enzyme production under submerged and solid state fermentation using fungi on rice straw. International Conference on "Climate Change Towards Health and Agricultural Sustainability" from 18th to 20th February, 2019 at Guru Jambheshwar University of Science and Technology, Hisar (Haryana)
- Singh A. (2018). Role of rag pickers in solid waste collection and its management at Samba Municipal Corporation, India. International Conference on "Environmental and Ecological Sustainability: Engaging the stakeholders" from 4th to 5th October, 2018 at IGNOU, New Delhi



- Singh A. (2018). Cellulolytic enzymes production from the thermophilic fungus *Thermoascus aurantiacus* using rice straw as substrate. National Conference-cum-Industry-Academia meet on “Opportunities and Challenges in Fermentation Based Industrial Processes” (IAMF-2018) from 13-15 September 2018, organized by CSIR Integrative Medicine, Jammu (IIM)
- Yadav S and Petters M. (2018). Ice Nucleating Particle Properties of Aerosols In The Himalayan Region. Conference on Aerosol Impacts: Human Health to Climate Change from 26th to 28th November, 2018 in Center for Atmospheric Sciences, Indian Institution of Technology, Delhi.

5. CHAPTERS IN EDITED BOOK

S. No.	Authors	Title	Name of Book	Editors	Page no.	Year
1.	Ahmad S., Pandey A., Pathak V. V., Tyagi V. V., Kothari R.	Phycoremediation: Algae as ecofriendly tools for the removal of heavy metals from wastewaters;.	Bioremediation of Industrial Wastes for Environmental Safety. Springer International.	Dr. R.N.Bhargava	Chapter no. 12	In Press
2.	Azam R., Pandey A., Black P. N., Tyagi V. V., Kothari R.	Bio-processes for wastewater reuse: closed loop system for energy options.	Water Conservation, Recycling and Reuse: Issues and Challenges; Springer Environmental	Dr. Rajeev Pratap Singh, Dr. Shannon B. Hunt and Dr. Alan Kolok	In Press	2018
3.	Pathak A.K., Chopra K., Singh H. M., Tyagi V.V., Kothari R., Pandey A. K.	Solar Energy Applications for Sustainable Environment: Present and Future Prospects	Biotechnology for Sustainable Future, Springer	Dr. R. C. Sobti, Dr. Naveen KuamrArora, Dr. Richa Kothari	In Press	2018
4.	Pathak V. V., Ahmad S., Kothari R.	Implication of algal microbiology for wastewater treatment and bioenergy production	Environmental Biotechnology for Sustainable Future, Springer	Dr. R. C. Sobti, Dr. Naveen KuamrArora, Dr. Richa Kothari	In Press	2018
5.	Pathania D., Katwal R.	Ceramic Materials: General Introduction, Properties and Fabrication Methods,	Smart Ceramics.	Pan Stanford Publisher	464	2018



6.	Thakur M., Pathania D.	"Fabrication of gelatin-Zr (IV) phosphate and alginate-Zr (IV) phosphate nanocomposite based ion selective membrane electrode Nanocomposites,	Nano Hybrids and Composites	Pan Stanford Publisher	108-120	2018
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6. LIST OF SCIENTIFIC/ TECHNICAL BOOKS WRITTEN BY FACULTY MEMBERS IN THE DEPARTMENT

Sr. No.	Name of Book	Year	Authors	Publisher
1	Advances in Polymers for Biomedical Applications	2018	Pathania D. and Gupta B.	Nova, USA
2	Graphene Oxide: Advances in Research and Applications	2018	Pathania D. and Mishra A.	Nova, USA
3	Environmental Biotechnology for Sustainable Future	2019	R. C. Sobti, Naveen Kumar Arora	Springer
4	Medicinal and Aromatic Plant Diversity of Central University of Jammu".	2019	Dr. Pankaj Mehta & Ms. Anjali	Nil

7. RESEARCH GRANT RECEIVED FROM DIFFERENT AGENCIES

Name of the Investigator	Title of the Project and Duration	Amount Sanctioned	Funding Agency
Dr. Sunil Dhar (PI) Dr. Deepak Pathania (Co-PI) Dr. Pankaj Mehta (Co-PI) Dr. Dinesh Kumar (Co-PI)	Glacio-hydrometeorology and poaleo-history of Brahma group of glaciers, Chenab Basin, J&K (03 Years)	62 lakh	DST-HICAB
Dr. Dinesh Kumar	Assessment of land surface parameters role for weather pattern in western Himalayan region (03 Years)	40	DST Major Project
Dr. Anita Singh	Selective removal of inhibitors found in lignocellulosichydrolysates and simultaneous conversion of mixed sugars into bio-ethanol using microbial consortium (03 Years)	27.5	DST SERB
Dr. Pankaj Mehta (PI) Dr. Dinesh Kumar (Co-PI)	Spatial Distribution of Uranium and other associated water quality parameter in Eight District of Jammu Province	23	BRNS-DAE, GOI



8. INVITED TALK/CONFERENCE ATTENDED/ORGANIZED

- Deepak Pathania, Key note speaker in 4th International Multi-track Conference on Science, Engineering and Technology held at CT Institute of Engineering and Technology, Jalandhar on October 5-6, 2018.
- Deepak Pathania, Delivered a talk on waste water and methods of pollutant removal, Chitkara University, Baddi, Solan, Himachal Pradesh, 10th Feb., 2019.
- Deepak Pathania was Invited for a talk on nanocomposite ion exchangers for selective removal of metal ions from water system, Department of Chemistry of Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab is organizing one day National Conference on “RESEARCH IN CHEMICAL SCIENCES: CURRENT SCENARIO” on March 29, 2019.
- Deepak Pathania was an Invited speaker at Central University of Himachal on Techniques of Separation on May, 12, 2019.
- Singh A., (2019). Comparative study for cellulase enzyme production under submerged and solid state fermentation using fungi on rice straw. International Conference on “Climate Change Towards Health and Agricultural Sustainability” from 18-20 February, 2019 at Guru Jambheshwar University of Science and Technology, Hisar (Haryana)
- Singh A. (2018). Role of rag pickers in solid waste collection and its management at Samba Municipal Corporation, India. International Conference on “Environmental and Ecological Sustainability: Engaging the stakeholders” from 4-5 October 2018 at IGNOU, New Delhi
- Singh A. (2018). Cellulolytic enzymes production from the thermophilic fungus *Thermoascus aurantiacus* using rice straw as substrate. National Conference-cum-Industry-Academia meet on “Opportunities and Challenges in Fermentation Based Industrial Processes” (IAMF-2018) from 13-15 September 2018, organized by CSIR Integrative Medicine, Jammu (IIIM).
- Dr. Shweta Yadav has been appointed as a Nodal officer by MOEFCC for implementation of National Clean Air Programme (NCAP) in the state of Jammu & Kashmir. According to the proposed tripartite MoU, Central University as technical partner will be collaborating with J&K State Pollution Control Board and MOEFCC for city specific interventions under NCAP.
- Dr. Shweta Yadav gave oral presentation on the topic entitled “Ice Nucleating Particle Properties of Aerosols In The Himalayan Region” in Conference on Aerosol Impacts: Human Health to Climate Change from 26th - 28th November, 2018 in Centre for Atmospheric Sciences, Indian Institute of Technology, Delhi.
- Dr. Shweta Yadav was invited for a plenary lecture in the “Golden Jubilee National Symposium on Current Interventions to Plants and Microbes for Environmental & Agricultural Sustainability (CIPME-2019)” from March 6-8, 2019.



- Dr. Shweta Yadav was awarded a certificate of completion in October, 2018 by J. William Fulbright Foreign Scholarship Board and the Bureau of Educational and Cultural Affairs of the United States Department of State in recognition of successful completion of Fulbright Scholarship Program.
- Kothari Richa delivered a talk on "Water-energy security: Challenges and future recommendations", at Water-Food-Energy-Climate nexus: A perspective towards a sustainable future, a Indo-US Bilateral Workshop (International Workshop), 16-21 November 2018, Banaras Hindu University, U.P., India.
- Kothari Richa delivered a talk on "PV-electrolysis for hydrogen production: clean and sustainable approach" at National Conference on Renewable energy and sustainable environment: Challenges and Remedies. 24th April to 25th April 2018, Shri Mata Vaisho Devi University, Katra, J&K, India. She also chaired a session.
- Dr. Pankaj Mehta represented Central University of Jammu as President, Institution Innovation Council (IIC) and collected the Institute Certificate at the Launch of MHRD, IIC, GOI programme at the AICTE Head quarters, New Delhi on 21 November 2018.
- Dr. Pankaj Mehta served as Member Expert District Environmental Impact Assessment Authority (DEIAA, Samba District) in preparation of District Survey Report of Samba District, J&K.
- Dr. Pankaj Mehta served as a Coordinator, of International Earth Science Olympiad which will be conducted by Geological Society of India Bangalore at Central University of Jammu for the school students of X, XI and XII.
- Dr. Pankaj Mehta, presented paper in National Seminar on Geology and Climate of Himalaya (NSGCH) held on 15th -16th March 2018.
- Dr. Pankaj Mehta presentation paper in National conference on Climate Change, Societal consequences and Mitigation: Future Vision on the topic Estimation of Total Organic Carbon and textural Analysis of Tawi River Sediments in Jammu District held on 26th -27th April, 2018.
- Dr. Pankaj Mehta was invited as a resource person in Resurgent Yuva Conclave organised at IIT Delhi by National Yuva Cooperative society in February, 2019.
- Dr. Pankaj Mehta has been nominated as an expert by HOD GSI/NR Lucknow in National Mission-IV activities as per Visibility Actively and Quality (VAQ) Program in March, 2019.
- Dr. Pankaj Mehta was invited as a resource person in workshop organized by JKEDI on Innovation and Entrepreneurship.
- Dr. Pankaj Mehta, served as a Coordinator of International Earth Science Olympiad IESO-2019, Ministry of Earth science.



9. AWARDS FOR INNOVATION WON BY INSTITUTION/TEACHERS/RESEARCH SCHOLARS

Title of the Innovation	Name of the Awardee	Awarding Agency	Date of Award/ Name of Faculty	Category
EFR Duster & Medicinal and Aromatic Plant Diversity of CUJ	Central University of Jammu	Atal Ranking of Institutions on Innovation Achievements (ARIIA) Improvement Card & Appreciation	2019 Dr. Pankaj Mehta	Central University of Jammu has been appreciated for their effort and participation in Atal Ranking of Institutions on Innovation Achievements (ARIIA) in 2019 and an improvement card is issued to Central University of Jammu on online portal of ARIIA.

10. PATENTS PUBLISHED/AWARDED DURING THE YEAR

Patent Details	Patent Status Published/Filed	Patent Number	Date of Award
IPR titled as "Ecofriendly Detox Clay Pot (E-DCP)"	Filed	4623/2019-CO/L	2019
E-content developed by teachers such as : e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc.			
Name of the Teacher	Name of the Module	Platform on which Module is Developed	Date of launching e-content
Dr. Pankaj Mehta	Paper no 4 : Environmental Geology Module 1: Fuel Geology EVS/EG-IV/1	Epg- Pathshala (UGC)	2018



DEPARTMENT OF CHEMISTRY AND CHEMICAL SCIENCES

1. ABOUT THE DEPARTMENT

The Department of Chemistry and Chemical Sciences at the Central University of Jammu was established in the year 2016 with the introduction of five-year Integrated Masters in Science Chemistry program (current intake 35 seats). The UGC recommended the Implementation of Choice Based Credit System (CBCS) from the inception of the department. The department has started Ph.D. program in Chemistry since 2018-19 academic session. The current faculty members are highly qualified and experienced in various specialized areas of Chemistry such as Organic Synthesis, Green Chemistry, Catalysis, Coordination Chemistry, Bioinorganic Chemistry, Theoretical and Computational Chemistry. Currently, six externally funded research projects with a total cost of around two crore sare in progress which acquiesce high quality research. The department consists of appropriate student-teacher ratio and state-of-the-art laboratories with modern experimental facilities.

The Department of Chemistry and Chemical Sciences strives to be an internationally recognized department through its commitment to high quality education and research. The mission of the department is to provide high quality education in chemical sciences at undergraduate and postgraduate levels that prepares the graduates for productive careers in chemistry and related fields. The students are expected to obtain a broad understanding of the subject, and learn to think critically and communicate effectively in oral and written forms. The department provides a creative and supportive atmosphere for faculty-mentored research and student-centered learning.

2. ACHIEVEMENTS

- The faculty members of the Department of Chemistry and Chemical Sciences have published their research in well-reputed international journals such as Organic Letters, Journal of Organic Chemistry, Advanced Synthesis and Catalysis etc.
- Dr. V. Sridharan, Head, Department of Chemistry and Chemical Sciences has recently published a review article on 'Progress in the chemistry of tetrahydroquinolines' in Chemical Reviews, an ACS journal with Impact Factor: 52.6. ACS gave honorarium of USD 1,100/- for his contribution.

3. INTERNATIONAL, NATIONAL SEMINARS/WORKSHOPS/OTHER EVENTS

- January 2019: The Department organized the 1st 'ChemForum' Lecture Series on 25th January 2019 on 'Drug Design and Discovery'



- March 2019: The Department organized a two-day National Conference on Emerging Trends in Chemical Sciences (ETCS-2019) during 14-15 March 2019

4. DETAILS OF FIELD TRIPS / INDUSTRIAL VISIT / EDUCATIONAL VISIT

The Department organized a three-day trip to Dalhousie, Himachal Pradesh from 05-10-2018 to 07-10-2018 for the III and V semester students of Integrated M.Sc. Chemistry. A total number of 38 students participated in the tour.

5. ORIENTATION PROGRAMS ORGANISED/ATTENDED BY FACULTY MEMBERS

Dr. Princy Gupta Participated in an Inter-Disciplinary Refresher course on Online Teaching, Learning and Assessment organized by Faculty Induction Development Cell (FIDC), Central University of Jammu in collaboration with UGC SWAYAM Cell, Central University of Jammu, in line with provisions of UGC-HRDC held from 25th May 2018 to 8th June 2018.

6. FACULTY ACHIEVEMENTS

- **Dr. V. Sridharan** was awarded Best Publication award for the year 2018 by the Vice Chancellor, Central University of Jammu during the National Science Celebration.
- **Dr. V. Sridharan** acted as resource person in Refresher Course in Chemistry for University/College teachers sponsored by UGC HRDC organized by the Department of Chemistry, University of Jammu, in December 2018.
- **Dr. Venkata Ramana Doddi** was awarded Best Publication Award for the year 2018 by the Vice Chancellor, Central University of Jammu during the National Science Celebration
- **Dr. Tapta Kanchan Roy** acted as resource person in Refresher Course in Chemistry for University/College teachers sponsored by UGC HRDC organized by The Department of Chemistry, University of Jammu, Jammu, December 2018.
- **Dr. Princy Gupta** was nominated as UGC SWAYAM Mentor by UGC SWAYAM Coordinator, Central University of Jammu for coordinating SWAYAM related activities in the Department of Chemistry and Chemical Sciences.

7. SEMINARS, WORKSHOPS AND CONFERENCES ATTENDED BY THE FACULTY (2018-2019)

- **Dr. Tapta Kanchan Roy** delivered an invited talk in Theoretical Chemistry Symposium, an international symposium organized by BITS-Pilani on 13th to 16th February, 2019



- **Dr. Tapta Kanchan Roy** delivered an Oral Presentation at VI Rajasthan Science Congress-2018 (RSC-2018) during October 13-15, 2018 at the Central University of Rajasthan.
- **Dr. Princy Gupta** participated in a one day Workshop on World Health Day, organized by Central University of Jammu, Jammu during April 9th, 2018.
- **Dr. Princy Gupta** participated in a One day NPTEL Awareness Workshop, conducted by Indian Institute of Technology, Kanpur at Central University of Jammu, on December 3rd, 2018.
- **Dr. Rajni Khajuria** participated in a National Seminar on "Science and Technology for the Unreached: Notions, Values and Applicability" (NLSST-2018), organized by Govt. Degree College, Samba under the aegis of Indian Science Congress Association (ISCA)-Jammu Chapter, during april 20th-21st, 2018.
- **Dr. Rajni Khajuria** presented a paper entitled "Microwave Assisted Synthesis of Novel 3-nitro Substituted Pyridin-2(1H)-ones: Useful Precursors to 3-substituted- β -Carbolines".
- **Dr. Rajni Khajuria** participated in a one day workshop on World Health Day with the theme "Universal Health Coverage: Everyone, Everywhere" organized by Central University of Jammu during April 9th, 2018.

8. FACULTY PUBLICATIONS

- "Palladium-catalyzed regioselective syn-chloropalladation-olefin insertion-oxidative chlorination cascade: Synthesis of dichlorinated tetrahydroquinolines". P. Vinoth, M. Karuppasamy, B. S. Vachan, I. Muthukrishnan, C. U. Maheswari, S. Nagarajan, V. Pace, A. Roller, N. Bhuvanesh, V. Sridharan* *Org. Lett.* **2019**, 21, 34653469 (Impact Factor: 6.492).
- "Diastereoselective ABB' three-component synthesis of highly functionalized spirooxindoles bearing five consecutive asymmetric carbons"
T. Vivekanand, B. S. Vachan, M. Karuppasamy, I. Muthukrishnan, C. U. Maheswari, S. Nagarajan, N. Bhuvanesh, **V. Sridharan*** *J. Org. Chem.* **2019**, 84, 40094016 (Impact Factor: 4.805).
- "Progress in the chemistry of tetrahydroquinolines" I. Muthukrishnan, **V. Sridharan,*** J. C. Menéndez* *Chem. Rev.* **2019**, 119, 50575191 (Impact Factor: 52.613).
- "Construction of substituted imidazoles from aryl methyl ketones and benzylamines via N-heterocyclic carbene-catalysis" A. Alanthadka, E. Sankari Devi, T. Pavithra, S. Nagarajan, **V. Sridharan,** C. U. Maheswari *Catal. Commun.* **2019**, 125, 2631 (Impact Factor: 3.463).
- "Synthesis, characterization and biomedical applications of an alkylated quercetin-gadolinium complex". S. Kaviarasi, K. S. Shalini Devi, P. Vinoth, **V. Sridharan,** E. Yuba, A. Harada, U. M. Krishnan *ACS Biomater. Sci. Eng.* **2019**, 5, 12151227 (Impact Factor: 4.432).



- "DBU-Mediated synthesis of aryl acetylenes or 1-bromoethynylarenes from aldehydes" Y. Thummala, G. V. Karunakar, **V. R. Doddi** Adv. Synth. Catal. **2019**, In Press (Impact Factor: 5.123)
- "A series of newly synthesized axially ligated macrocyclic complexes of Zn(II)porphyrin- Spectroscopic, computational and antibiological characterization" **S. Kundan**, G. D. Bajju, D. Gupta, **T. K. Roy** Russian J. Inorg. Chem. **2019**, In Press **2018**
- "Three-component synthesis of a library of m-terphenyl derivatives with embedded β - aminoester moieties". D. Rocchi, J. F. González, J. Gómez-Carpintero, V. González-Ruiz, M. A. Martín, **V. Sridharan**, and J. C. Menéndez ACS Comb. Sci. **2018**, 20 722731 (Impact Factor: 3.500)
- "Enzymatic synthesis and self-assembly of glycolipids: Robust self-healing and wound closure performance of assembled soft materials" Y. S. Prasad, B. Saritha, A. Tamizhanban, K. Lalitha, S. Kabilan, C. U. Maheswari, **V. Sridharan**, S. Nagarajan RSC Adv. **2018**, 8, 3713637145 (Impact Factor: 2.936)
- "Metal-free, base catalyzed oxidative amination and denitration reaction: Regioselective synthesis of 3-arylimidazo[1,2-a]pyridines". E. Sankari Devi, A. Alanthadka, S. Nagarajan, **V. Sridharan**, C. Uma Maheswari Tetrahedron Lett. **2018**, 59, 34853489 (Impact Factor: 2.125)
- "Lipase catalysed synthesis of furan based oligoesters and their self-assembly assisted polymerization". K. Muthusamy, K. Lalitha, Y. S. Prasad, A. Thamizhanban, **V. Sridharan**, C. Uma. Maheswari, S. Nagarajan ChemSusChem **2018**, 11, 24532463 (Impact Factor: 7.411)
- "Supramolecular gel formation based on glycolipids derived from renewable resources." K. Lalitha, K. Gayathri, Y. S. Prasad, R. Saritha, A. Thamizhanban, C. U. Maheswari, **V. Sridharan**, S. Nagarajan Gels **2018**, 4, 1.
- "Sustainable approaches for steroid synthesis." **P. Gupta**, A. Mahajan Environ. Chem. Lett. **2018**, DOI:10.1007/s10311-018-00845-x (Impact Factor: 3.125).
- "Catalyst-controlled structural divergence: Selective intramolecular 7-endo-dig and 6-exo-dig post-Ugi cyclization for the Synthesis of benzoxazepinones and benzoxazinones". K. Singh, B. K. Malviya, **T. K. Roy**, V. S. Mithu, V. K. Bhardwaj, V. P. Verma, S. S. Chimni, S. Sharma J. Org. Chem. **2018**, 83, 1, 57-68 (Impact Factor: 4.849)
- "Synthesis of spirooxindoles through cyclocondensation of isatin and cyclic 1,3-diones." R. Joshi, A. Kumawat, S. Singh, **T. K. Roy**, R. T. Pardasani J. Heterocycl. Chem. **2018**, 55, 1783-1790 (Impact factor: 0.787)



- "Hypochlorite-mediated modulation of photoinduced electron transfer in a phenothiazine-boron dipyrromethene electron donor-acceptor dyad: A highly water soluble "turn-on" fluorescent probe for hypochlorite". D. Soni, N. Duvva, D. Badgurjar, **T. K. Roy**, S. Nimesh, S. Nimesh, G. Arya, L. Giribabu, R. Chitta Chem. Asian J. **2018**, 13, 1594-1608 (Impact factor: 4.083)
- "Phosphine-free bis(pyrrolyl)pyridine based NNN-pincer palladium(II) complexes as efficient catalysts for Suzuki-Miyaura cross-coupling reactions of aryl bromides in aqueous medium." S. Yadav, A. Singh, N. Rashid, M. Ghotia, **T. K. Roy**, P. P. Ingole, S. Ray, M. M. Shaikh C. Dash Chem. Select **2018**, 3, 9469-9475 (Impact factor: 1.505)
- "Intrinsic structure of pentapeptide Leu-enkephalin: Geometry optimization and validation by comparison of VSCF-PT2 calculations with cold ion spectroscopy." **T. K. Roy**, V. Kopysov, A. Pereverzev, J. Šebek, R. B. Gerber O. V. Boyarkin. Phys. Chem. Chem. Phys. **2018**, 20, 24894-24901 (Impact Factor: 3.906).
- "DBU-Mediated Efficient Synthesis of Diaryl Ethynes and Enynes from 1,1-Dibromoalkenes at Room Temperature". Y. Thummala, A. K. Morri, G. V. Karunakar, **V. R. Doddi** Eur. J. Org. Chem. **2018**, 62806285.
- "Recent developments in the synthesis of pyrido[1,2-a]benzimidazoles" **R. Khajuria**, Sk. Rasheed, C. Khajuria, K. K. Kapoor, P. Das Synthesis (Invited Article) **2018**, 50, 2131-2149 (Impact Factor: 2.722)
- "One-pot cascade synthesis of pyrano/furanotetrahydroquinolines through Povarov reaction catalyzed by Fe(NO₃)₃@Al₂O₃" R. Kaur, **R. Khajuria**, Y. Saini, K. K. Kapoor Indian J. Heterocycl. Chem. **2018**, 28, 91-102 (Commemorative issue-dedicated to Prof. S. P. Singh on his 80th birthday)
- "Anomalous description of anharmonicity bending motions of carbon-carbon double bonded molecules with MP2 method: Ethylene as a case study" L. Ravichandran, S. Banik Phys. Chem. Chem. Phys. **2018**, 20, 2732927341 (Impact Factor: 3.906)

9. DETAILS OF RESEARCH PROJECTS

ONGOING

1. Title: Inert C-H Bond Activation-Initiated Cascade Processes via Oxidative Organocatalysis

Funding Agency:	DST-SERB
Budget:	Rs. 53,38,300/ (EMR/2016/001619)
Duration:	3 years (2017-2020)
Principal Investigator:	Dr. V. Sridharan



- 2. Title: Theoretical Investigation on Conformationally Resolved 3D-structures of Large Biomolecules by Quantum Anharmonic Vibrational Spectroscopy**
- Funding Agency: DST-SERB
 Budget: Rs. 55,11,000/- (EMR/2017/000512)
 Duration: 3 years (2018-2021)
 Principal Investigator: Dr. Tapta Kanchan Roy
- 3. Title: The Microscopic View of Structure and Anharmonic Vibrational Spectroscopy of Peptide-water Complexes**
- Funding Agency: UGC-Startup
 Budget: Rs. 10,00,000/- (No.F.30-352/2017(BSR))
 Duration: 2 years (2017-2019)
 Principal Investigator: Dr. Tapta Kanchan Roy
- 4. Title: Surface Modified Novel Magnetically Tuned Halloysite Functionalized Sulfonic acids: Synthesis, Characterization and Catalytic Activity**
- Funding Agency: UGC-Startup
 Budget: Rs. 10,00,000/- (F.30-35/2017(BSR))
 Duration: 2 years (2017-2019)
 Principal Investigator: Dr. Princy Gupta
- 5. Title: Understanding the Novel Reactivity and Better Utilization of Bicyclic Amidines**
- Funding Agency: DST-SERB
 Budget: Rs. 37,62,000/- (ECR/2017/000419)
 Duration: 3 years (2017-2020)
 Principal Investigator: Dr. Venkata Ramana Doddi
- 6. Title: Synthesis and Biological Evaluation of Nordihydroguaiaretic acid and its Analogues**
- Funding Agency: DST-SERB
 Budget: Rs. 6,50,000/- (IFA12-CH-36)
 Duration: 2 years (2017-2019 @ cujammu)
 Principal Investigator: Dr. Venkata Ramana Doddi



DEPARTMENT OF ENGLISH

1. ABOUT THE DEPARTMENT

The Department of English was established in October, 2011. The Department offers degrees at M.A. and Ph. D levels. Teaching is done through Lectures, ICT based teaching, participatory sessions like Group Discussions, Film Screening, Seminar Paper Presentation, and Debate. The Department provides intensive mentoring to the students both in and beyond the classroom in a wide variety of forums viz. Literary Club, Literary Discourses- a fortnightly seminar series and Commemorating the Writer Series a monthly activity wherein a writer's birthday is celebrated through lectures, presentations and performances.

2. THE DEPARTMENT IS DISTINCTIVE IN OFFERING:

- Translation Studies
- Comparative Literature
- Women's Writings Across Cultures

VISION

- To envision the Department as a centre for academic excellence, contextual research and professional expertise.

MISSION

- To train students in communication skills in English
- To introduce students to the tools of literary scholarship and sharpen their critical ability to interpret and evaluate all forms of literary expressions.
- To prepare students for employability by honing their professional competencies.
- To strengthen a global worldview through a well structured curriculum and university/community partnership.
- To bolster the interface between technology and English studies.

3. EXTENSION LECTURE SERIES HELD IN DEPARTMENT.

- Prof. Tez Nath Dhar, Retd. Professor, Department of English, University of Kashmir, delivered two lectures: 1) "Novel in Relation to History" 2) "Search, Re-Search and Search" on 12 November, 2018.
- Prof. K.B. Razdan, Retd. Professor, Department of English, University of Jammu, delivered an extension lecture on "An Overview of Twentieth Century British Poetry with Special Reference to Wystan Hugh Auden" on 12 November, 2018.
- Prof. K.B. Razdan, Retd. Professor, Department of English, University of Jammu, delivered an extension lecture on "Dramatic Techniques in Dance Like a Man" on 19 April, 2018.



4. DETAILS OF VISIT OF OUTSIDE EXPERTS.

- a. **12 March, 2019: Open Viva-voce examination of Mr. Nasir Faried Butt, Ph. D. Scholar, Department of English, Central University of Jammu**
 - i. Prof. Roshan Lal Sharma, Department of English, Central University of Himachal Pradesh
- b. **23 May, 2018: The 4th School Board Meeting of the School of Languages**
 - i. Prof. Deepti Gupta, Department of English, Panjab University, Chandigarh
 - ii. Prof. Rabinder Powar, Department of English, Punjabi University, Patiala
 - iii. Prof. Roshan Lal Sharma, Department of English, Central University of Himachal Pradesh
 - iv. Prof. P.N. Trisal (Retd.), Department of Hindi, University of Jammu
- c. **16 May, 2018: The Board of Studies (BoS) meeting of the Department of English**
 - i. Prof. Anil Raina, Department of English, Panjab University, Chandigarh
 - ii. Prof. Sukhdev Singh, Department of English, Guru Nanak Dev University

5. FACULTY ACHIEVEMENTS

Dr. M. A. Afzal Farooq

Dr. M. A. Afzal Farooq was awarded Best Presenter Award in International Conference on Multidisciplinary Research for the paper titled "What is Being Woman?: The Taslima Phenomenon in South Asian Literature" held at Colombo, Sri Lanka on 5-6 October, 2018. He was honoured with a Medal and a Certificate of Achievement.

6. ANY OTHER RELEVANT INFORMATION.

Refresher Course attended by faculty members/ Talks Delivered

Dr. Vandana Sharma

- i. Attended 2 week Inter-Disciplinary Refresher Course on "Online Teaching Learning and Assessment from 25 May, 2018 8 June, 2018 organized by Faculty Induction Development Cell (FIDC) & UGC SWAYAM Cell, Central University of Jammu
- ii. Resource Person in a Induction programme for Newly Appointed Non Teaching Staff organized by Central University of Jammu w.e.f. 16-27 September, 2018. Conducted two sessions on "Language In Official Correspondence" and "Communication & Interpersonal Skills.
- iii. Invited Talk on "Atrocities Against Women During Different Phases of Life and Role of Police" and "Gender Justice in J&K and Role of Police" in Course on on 25th July, 2018 at Sher_I-Kashmir Police Academy, Udhampur, J&K.
- iv. Invited Talk on "Translation Studies in India: Past and Present" in the Department of English, University of Jammu, Bhandarwah Campus on June 2018.

**Dr. Neena Gupta Vij**

- a. Attended 2 week Inter-Disciplinary Refresher Course on “Online Teaching Learning and Assessment from 25 May, 2018 8 June, 2018 organized by Faculty Induction Development Cell (FIDC) & UGC SWAYAM Cell, Central University of Jammu

Dr. Raj Thakur

- a. Attended 2 week Inter-Disciplinary Refresher Course on “Online Teaching Learning and Assessment from from 25 May, 2018 8 June. 2018 organized by Faculty Induction Development Cell (FIDC) & UGC SWAYAM Cell, Central University of Jammu
- b. Online Certificate Course: Dr. Raj Thakur Completed Online Certificate Course/FDP (12 weeks/ 30 July, 2018 to 19 October, 2018) /3 Credit Course: Introduction to Cultural Studies organized by NPTEL, AICTE (Ministry of HRD Govt. of India/SWAYAM) from IIT Madras

Dr. Jeet Singh

Attended 2 week Inter-Disciplinary Refresher Course on “Online Teaching Learning and Assessment from 25 May, 2018 8 June, 2018 organized by Faculty Induction Development Cell (FIDC) & UGC SWAYAM Cell, Central University of Jammu

- i. Dr. Raj Thakur Attended 3 day National Workshop on Re-connecting Deleuze & Guattari: On the Philosophy of the Now: Countering Incommunicado, Invisibility, Crisis , 05 -07 October, 2018 organized by Centre for Culture, Media & Governance, Jamia Millia Islamia, New Delhi.
- ii. Dr. Jeet Singh Attended “NPTEL AWARENESS WORKSHOP” conducted by Central University of Jammu on 13 December, 2018.

7. PAPER PRESENTED IN SEMINARS, WORKSHOPS AND CONFERENCES :

Theme of the Conferences/ Seminars/ Workshops attended	Regional/National/International	Dates	Organizer	Keynote Speaker/Chaired /Co-Chaired/Resource Person	Title of the Talk/Paper Presented
Dr. Vandana Sharma					
18th MELOW Conference	International	15-17 March, 2019	Jamia Milia	Paper Presenter Chaired one session	“Paradox of Utopian Thought and Dystopian Reality in Manjula Padmana-bhan's Escape and The Island of Lost Girls”



International Conference on Translation Across Cultures "Dissolving Boundaries Creating Harmony"	International	4-6 October, 2018	Jaypee Institute of Information Technology, Noida	Paper Presenter	"Situating Hegemony and Appropriating Power: Investigating Select Postcolonial Translation"
Dr. Neena Gupta Vij					
International Seminar on, "Shakespeare's Women-Glowing Or Dwindling: A Gender Perspective"	International	18-19 January, 2019	DHE Sponsored	Paper Presented	Titania: Diminished by Love in A Midsummer Night's Dream
International Seminar on "Nationalism in Modern India: Concepts and Challenges"	International	21-22 December, 2018.	Department of Hindi, Sri Jai Narain PG College, Lucknow	Paper presented	"Mother India/Modern India: From Vande Matram to a Patriarchal Nationalism?"
National Seminar on "History, Myth and Orality"	National	13-15 November, 2018	Department of English, Banaras Hindu University, Varanasi	Paper Presented	"Reworking the Mahabharata: Contemporary Narratives of the Rise and Fall of Hastinapur"
National Seminar on "Researches in Languages Literature and Social Sciences: Modern Perspectives and Prospects"	National	9-10 August , 2018	Department of English, Guru Kashi University, Talwandi Sabo, Bathinda	Paper presented	"Fictional Narrative: A Way of World Making"
National Seminar on "Aesthetics and Theory in Contemporary Appreciation of Literature: Convergences and Contestations"	National	25 July, 2018	Department of English, University of Jammu	Paper Presented	"Stretching the Limits of the Aesthetic: the Interdisciplinary, Intertextual, and Intersubjective Nature of Literary Text"



Dr. M.A. Afzal Farooq					
National Seminar on "Popular Culture, Literature and Other Art Forms: Today and Beyond".	National	18-19 January, 2019	Department of English, Indira Kala Sangeet Vishwavidyalaya, Khairagarh, C.G	Paper Presenter	Cultural Confrontation: Mamoni Roisom Goswami's The Shadow of Kamakhya and Nirupama Borgohain's Selected Short stories of Nirupama"
International Conference on Multidisciplinary Research	International	5-6 October, 2018	The International Research Development Institute, Colombo	Paper Presenter	"What is being Woman? : The Taslima Phenomenon in South Asian Literature"
Dr. Raj Thakur					
National Seminar- "Towards Indian Theory- Theories of Cultural Studies"	National	14-15 March, 2019	Department of English and Cultural Studies, Panjab University, Chandigarh	Paper Presenter	"Cricketing Gandhi: Politics of Pentangular Cricket in Pre-Independence India
International Conference- "Revisiting Cosmopolitanism"	International	18-21 December, 2018	Forum on Contemporary Theory (India) & International Lincoln Centre, Shreeport. Puri, Odisha	Paper Presenter	"Cultural Economy of Cosmopolitanism and Indian Premiere League"



Dr. Parveen Kumari				
Being and Doing Gender: Multidisciplinary Perspectives	National	6-7 December, 2018	Department of Women Studies, University of Madras, Chennai	Paper Presented
The 16th Asia TEFL 1st Maal & 6th HALL 2018	International	27-29 June, 2018	Macau, SAR, China	Paper Presented
"Social Exclusion and Marginal Communities: Challenges of Deprivation and Discrimination in Northern India"	National	25-26 May, 2018	Centre for Study of Social Exclusion and Inclusive Policy	Paper Presented

8. FACULTY PUBLICATIONS

Dr. Vandana Sharma

- i. "Hegemonic Historiography vis-a-vis Subversive Politics: A Comparative Study of Heroic Uprising in India and Africa Sahitya" Peer- reviewed, UGC listed Vol.8
- ii. Dogri Mahakavya Jitto: A Western Perspective Epic in India An edited anthology 2019
- iii. From Ladyland to Wasteland: A Shift from Utopian Vision in Sultana's Dream to Dystopian Paradox in Escape" in UGC Listed Journal Virtuoso, February 2019.

Name of the Author(s) (Main Author then co-author)	Article/Research Paper/Book Chapter/Any Other	Name of the Magazine/Journal/Book	ISSN/ISBN No.	Year of Publication
Dr. M.A. Afzal Farooq				
Dr. M.A. Afzal Farooq	"A Mother in Search of a Child": Nirupama Borgohain's Tryst with Realism" (Pg. No. 355-363)	Literary Insight, A Refereed International Journal, Volume 10, Issue 1,. UGC Approved Journal No. 49284	ISSN 0975-6248	January, 2019
Dr. M.A. Afzal Farooq	"Reading Nirupama Borgohain's Sleepless Night' as a Mirror of Contemporary Socio-political Issues "(pg. 110-118)	International Journal of Research and Analytical Reviews, Vol. 5, Issue 4, UGC Approved	P-PISSN 2349-5138, E-ISSN 2348-1269. Impact Factor 5.75,	October, 2018
Dr. M.A. Afzal Farooq	"Contextualizing and Contemporizing Nirupama Borgohain's "The Chaste Woman" (Pg. 43-56)	The Vedic Path: Quarterly English Journal of Gurukul Kangri Vishwavidyalaya Vol. XCV (No. 3) (UGC Approved Research Journal Sr. No. 324, Journal No. 29063/76)	ISSN 0970-1443	July-Sept., 2018



DEPARTMENT OF ECONOMICS

1. SEMINARS/ WORKSHOPS/ CONFERENCES ATTENDED BY THE FACULTY:

1) Prof. R L Bhat

- Delivered an Invited Lecture at University of Allahabad titled “Human Development- Some New Reflections” on 9th Nov. 2018.

2) Dr. Susanta Nag

- Presented a paper titled “Determination of Health Status of Children: A Case Study of District Kathua (J&K)” at the 101st Annual Conference of the Indian Economic Association held at ISID, New Delhi during 14-16th December 2018.

3) Ms. Preeti Gupta

- Presented a paper titled 'An Empirical Assessment of Skill Training and Development in Sustaining Rural Livelihoods: A Case Study of District Samba' in the International Seminar themed, Sustainable Rural Development in India: Issues, Opportunities and Challenges organized by School of Economics, SMVDU in collaboration with NABARD on 9th March, 2019.
- Participated In **IDC Refresher** course on 'Online Teaching, Learning and Assessment' organized by FIDC in collaboration with UGC Swayam Cell at Central University of Jammu from 25th May to 8th June, 2018.
- Participated in **NPTEL AWARENESS WORKSHOP** conducted by IIT, Kanpur at Central University of Jammu on 3rd December, 2018.
- Participated in **one week Workshop/Training Programme** on the topic 'eSuraksha' from 10-14 December, 2018 organised by Department of Computer Science and IT in collaboration with C-DAC Mohali at Central University of Jammu.

2. FACULTY DEVELOPMENT / TRAINING PROGRAMMES:

- Attended One Week National Workshop on “**Indian Economy and Society in 21st Century**”, during 25th- 29th March, 2019 at Teaching Learning Centre, Central University of Punjab, Bathinda.
- Attended One Week Workshop/ Training Programme on “**e-Suraksha: A Practical Approach on Network & Web Application Security**”, during 10th 14th December , 2018 at Department of Computer Science & IT, Central University of Jammu.
- Attended the One Week Workshop on “**Research Methodology in Economics**”, during 5-10 November 2018 at the UGC-HRDC, JNU, organized by the Centre for Economic Studies and Planning, School of Social Sciences, Jawaharlal Nehru University, New Delhi.



3. LECTURE DELIVERED

- Delivered lecture on **“Poverty, Inequality, Vulnerability, Multi-Dimensional Poverty”** in one month certificate course on Social Audit and Social Accountability for District Resource Persons, Social Audit Unit held on 24th October, 2018 at J & K Institute of Management , Public Administration & Rural Development, Sidhra, Jammu
- Delivered two lectures on **“Market Intelligence and Efficiency of Agricultural Products in India”** & **“Agricultural Price Policy in India- Issues and Ways Forward”** in two days training programme entitled **“ Agricultural Marketing- New Paradigms”** held on 30th -31st August, 2018 at SAMETI-Jammu, SKAUST-J, Chatha.

4. PRESENTED A PAPER

Mr. Anil Kumar Bharti

- Presented a paper titled **“Determination of Health Status of Children: A Case Study of District Kathua (J&K)”** at the 101st Annual Conference of the Indian Economic Association held at ISID, New Delhi during 14-16th December 2018.
- Presented a paper titled **“Exploring Impact of Destination Brand Equity on Sustainable Tourism”** in National Conference on Destination Branding and Competitive Positioning w.e.f 6th-8th September 2018 organised by School of Business Studies, Central University of Jammu.
- Attended One Day workshop on **“ NAAC Assessment and Accreditation Awareness Programme”** on Aug 27, 2018 organised by DIQA, University of Jammu in collaboration with Central University of Jammu and supported by NAAC, Bengaluru at University of Jammu.

Mr Rajesh Kumar

- Presented a paper titled **“The Journey of India Pakistan Trade: from Positive List to MFN”** in 101st Annual Conference of the Indian Economic Association held at ISID, New Delhi during 14-16th December 2018.
- Presented a paper titled **“Determination of Health Status of Children: A Case Study of District Kathua (J&K)”** at the 101st Annual Conference of the Indian Economic Association held at ISID, New Delhi during 14-16th December 2018.

5. PARTICIPATED IN WORKSHOP/CONFERENCE/SEMINAR:

- Invited as Resource Person at the the 101st Annual Conference of the Indian Economic Association held at ISID, New Delhi during 14-16th December 2018.



6. FACULTY PUBLICATIONS

Prof. R. L. Bhat

- Published a paper titled “Service Quality in Private Hospitals of Jammu & Kashmir -An Empirical Assessment from District Srinagar” in International Journal of Healthcare Technology and Management-ISSN 1368-2156
- Published a paper titled “Determinants of Employment Generation Under MGNREGA-Some Evidence from Jammu and Kashmir State” in VARTA, ISSN NO. 0970-9177.

Dr Susanta Nag

- Published a paper titled “Determination of Health Status of Children: A case Study of District Kathua (J&K)” in IEA Conference Volume, The Journal of Institute of Public Enterprise ISSN: 0971-1864, UGC Listed Journal No. 41951, Vol-41 Special Issue, December 2018.

Ms. Preeti Gupta

- Published a paper titled “An Analysis of Skill Development Programme: Special Reference to SBI-RSETI in Samba District” in UGC listed journal, Research Directions ISSN: 2321-5488, Vol-6, December 2018.

Dr. Shaveta Kohli

- Paper published “Clustering Based Operational Expenditure Model for Solar Generation: A Solution to the Revenue Losses Problem of PSPCL” in a Journal “ ArthVikas” published by Department of Economics, Sardar Patel University, Vallabh Vidyanagar, Gujarat- 388120; ISSN 0004-3567

Mr. Anil Kumar Bharti

- Published a paper titled “Intergenerational Occupational Mobility Among Scheduled Castes: A Case Study of District Samba (J&K)” in International Journal of Social Science and Economic Research, ISSN: 2455-8834, Vol: 03, Issue: 07 in July 2018.
- Published a paper titled “Determination of Health Status of Children: A case Study of District Kathua (J&K)” in IEA Conference Volume, The Journal of Institute of Public Enterprise ISSN: 0971-1864, UGC Listed Journal No. 41951, Vol-41 Special Issue, December 2018.

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7. EVENTS ORGANIZED BY THE FACULTY**Dr. Shaveta Kohli**

- Organised a lecture on “ Land Acquisition: Law, Economics and Politics” delivered by Prof. Ram Singh, Faculty, Delhi School of Economics on 28th August, 2018 under the aegis of Eminent Lecture Series, Central University of Jammu.
- Organized a Debate competition as a member of Equal Opportunity on 3rd May, 2018, on the topic “Equality through Positive Differences” at CUJ. The aim of this event was to create awareness among the students about the various differences exist in the society and how to reduce, remove and positively accommodate those differences.

8. PH.D AWARDED

- Mr. Susanta Nag, Assistant Professor in the Department of Economics, has been awarded Ph.D Degree in Economics from School of Economics, University of Hyderabad, Hyderabad.



DEPARTMENT OF MASS COMMUNICATION AND NEW MEDIA

1. ABOUT THE DEPARTMENT:

- The Department of Mass Communication and New Media of Central University of Jammu was established in March 2014.
- This was the first department in Jammu region, which offered full fledged Masters Programme in Mass Communication.
- Initially there were four faculty members in the department; all Assistant Professors.
- Later on Dr. Govind Singh joined the department in December 2016 as Professor and Dr. Dharmendra Singh joined in the year 2018 as Associate Professor.
- The master's programme had an intake of 30 students for initial two years and later on increased to 36 from year 2016.
- The department also started PhD programme in the year 2016 and currently six research scholars are enrolled.
- There are 250 books and 10 journals of mass communication in the central library.

2. OBJECTIVES

- To establish the Department as a perfect blend of academic and professional repute.
- To introduce courses with employment opportunities and academic innovations.
- To provide specialized training to the students to choose their specific career path.
- To help students in their placements in various media and non media institutions.
- To bridge the gap between theories and practices of media so that the students are motivated to become critical and professional journalists.
- To train the students efficiently to tap the potential and scope of new media .

3. MAJOR ACHIEVEMENTS DURING THE YEAR :

- Seven students got placed in ETV Bharat, Hyderabad.
- One student cleared NET examination.
- Other students got placed in Amar Ujala, Waqt India, JK Update, U News (Laddakh), LAMO NGO (Leh), Gandhi Memorial College as Assistant Professor. Also, a few of them started their own Youtube channel PointX.
- One week long publishing workshop was organised by the department in collaboration with National Book Trust from 25th March, 2019 to 31st March, 2019. Around 30 people participated in this workshop across various disciplines and professions, not only from the University but also outside the University.



4. INTERNATIONAL/NATIONAL SEMINARS/WORKSHOPS/OTHER EVENTS:

- **One day workshop organised on Research Methodology on 2nd April, 2018**

A one day workshop on Research Methodology was conducted by Dr. Archana R. Singh, Dean and Head, Department of Mass Communication and Journalism, Panjab University, Chandigarh on 2nd April, 2018.

- **One day workshop on Quark Xpress organised by the Department on 15th October, 2018**

The Department of Mass Communication and New Media organised one day workshop on Quark Xpress for the students of the department, in which Mr. Gagan from Amar Ujala, Jammu took the sessions on 15th October, 2018.

- **Camera Handling Workshop organised on 29th January, 2019**

The department organised a full day camera handling workshop on 29th January, 2019. Mr. Ramesh Chand from Indian Institute of Mass Communication conducted the workshop.

5. EMINENT LECTURE SERIES :

Name of the Speaker	Topic of Lecture	Date of Visit
Dr. Baldev Sharma, Head and Dean, CUHP	Status of Journalism	4 th July, 2018

6. EXTENSION LECTURE:

Name of the Speaker	Topic of Lecture	Date of Visit
Shri Dayashankar Shukl, Editor, Amar Ujala, Jammu.	Changing form of Journalism	19 th January, 2018
Mr. Harikrishnan B., Assistant Professor, Central University of Himachal Pradesh	Data Journalism	15 th October, 2018

7. FIELD TRIPS/ INDUSTRIAL VISIT/EEDUCATIONAL VISIT:

- An academic tour to Jaipur-Ajmer-Pushkar was organised for the students of 4th semester from 26th March, 2019 1st April, 2019.
- A departmental picnic to Patni Top was conducted on 5th January, 2019.
- A departmental picnic to Patni Top was conducted on 7th May, 2018.

8. VISIT OF OUTSIDE EXPERTS:

Name of the Expert	Purpose of Visit	Date of Visit
Dr. Baldev Sharma, Head and Dean, CUHP	As an Expert for Dissertation Viva Voce	4 th July, 2018



9. ORIENTATION PROGRAMS ORGANISED/ ATTENDED BY FACULTY MEMBERS:

- Dr. Bachha Babu completed the online Annual Refresher Programme in Teaching (ARPIT) in the subject "Political Science on Jammu and Kashmir Reflections and Insights" in March 2019.
- Dr. Bachha Babu attended Refresher Course on 'Online Teaching, Learning and Assessment' organised by Faculty Induction Development Cell (FIDC), Central University of Jammu in collaboration with UGC SWAYAM Cell, Central University of Jammu from 25th May, 2018 to 8th June, 2018.
- Ms Archana Kumari attended Refresher Course on 'Online Teaching, Learning and Assessment' organised by Faculty Induction Development Cell (FIDC), Central University of Jammu in collaboration with UGC SWAYAM Cell, Central University of Jammu from 25th May, 2018 to 8th June, 2018.

10. FACULTY ACHIEVEMENT DURING 2018-2019:

- Ms. Archana Kumari got Iconic Woman Award for contributing positively to the field of education, by Women Economic Forum on 13th April, 2019 at Taj Vivanta, Dwarka, New Delhi.
- **A Major Research Project has been sanctioned**
A major research project titled "Social Media Technology and Conflict Resolution: A Study in Kashmir Valley" has been sanctioned to Dr. Bachha Babu by ICSSR.
- A Minor Research Project has been sanctioned

11. STATUS OF PLACEMENT AND INDUSTRIAL TRAINING OF THE STUDENTS

Current Batch Final Placement of Students: (2016 -2018 batch)

Name of Student	Programme	Name of the organization where Students are placed	Date of completion of Degree
1. Ramyan Bhardwaj	PGMCNM	NET Qualified, Lecturer at Gandhi Memorial College, Jammu	2018
2. Ahras Raasi	PGMCNM	ETV Bharat, Hyderabad	2018
3. Dallu Slathia	PGMCNM	ETV Bharat, Hyderabad	2018
4. Neha Raina	PGMCNM	ETV Bharat, Hyderabad	2018
5. Anil Sharma	PGMCNM	ETV Bharat, Hyderabad	2018
6. Roshi	PGMCNM	News Now	2018
7. Karishma Chib	PGMCNM	Amar Ujala	2018
8. Anshu Sharma	PGMCNM	Amar Ujala	2018



9. Naresh Singh	PGMCNM	Amar Ujala	2018
10. Pooja	PGMCNM	Waqt India	2018
11. Rajat Vohra	PGMCNM	Point X portal	2018
12. Diwakar Thappa	PGMCNM	Point X portal	2018
13. Norboo	PGMCNM	NGO LAMo, Leh	2018
14. Hussein	PGMCNM	U News and Sehar Magazine, Laddakh	2018
15. U S Lima	PGMCNM	JK Update	2018

12. SEMINARS, WORKSHOPS AND CONFERENCES ATTENDED BY THE FACULTY (2018-2019):

Prof. Govind Singh

Award/ Invited Talk	Name of Award/Title of Talk	Category of Award/ Organisation
Award	Thakur Ved Ram National Award, Kullu	For contribution to Hindi Journalism
Invited Talk	Hindi Journalism: National Perspective and Career Prospects	Guru Nanak Khalsa College, Delhi University
Resource Person	Refresher Course on Rural Journalism and Development Journalism	Centre for Mass Communication, University of Rajasthan and UNICEF for A
Chairperson	Faculty Development Programme on Rural Communication	Central University of Jammu in collaboration with National Council for Rural Institutes
Resource Person	Rural Journalism	FDP on Rural Communication organised by CUJ
Resource Person	National Symposium and Workshop on 'Students Politics, Social Media and Political Education'	CIE, Department of Education, University of Delhi on February 16, 2018
Chaired a Session	National Seminar on Media and employability	Guru Nanak Khalsa College, University of Delhi
Chaired a Session	National Seminar on Women and Media	Laxmibai College for Women, University of Delhi
Resource Person	Social Media and Youth in context to National Security	Jaipur Youth Festival, Jaipur
Resource Person	Development Journalism	National Curriculum Designing Workshop, Jaipur
Resource Person	Media in India : An Overview	Workshop for Assistant Professors of J & K.
Chaired the Session	Narad Jayanti Samaroh	J & K Vishwa Samvad Kendra, Jammu
Resource Person	National Seminar on Dr. Nagendra	Central University of Jammu
Resource Person	Khet Virasat Mission	Bhatinda
Resource Person	International Hindi Day	Central University of Jammu

**Dr. Dharmendra Singh**

Theme of the Conference/ Seminar Attended	Regional/N ational/Inte rnational	Dates	Organiser	Keynote Speaker	Title of the paper presented
National Conference of Educators for Nai Talim and Experiential Learning Teacher Education Curriculum and Practices	National	27-28 February 2019	MGNCRI, Hyderabad	Attended	Attended

Dr. Bachha Babu

Theme of the Conference/ Seminar Attended	Regional/N ational/Inte rnational	Dates	Organiser	Keynote Speaker	Title of the paper presented
One week workshop on 'eSuraksha' A Practical Approach on Network and Web Application Security	National	December 10- 14, 2018	Department of Computer Science & Information Technology, Central University of Jammu	Participated	Participated
One Day Workshop on NAAC Assessment and Accreditation Awareness Programme	National	August 27, 2018	University of Jammu in collaboration with Central University of Jammu	Participated	Participated

Ms. Archana Kumari

Award/ Invited Talk	Name of Award/Title of Talk		Category of Award/ Organisation		
Award (13.04.2019)	Iconic Woman Award for contributing positively in the field of education		Women Economic Forum, 2019		
Theme of the Conferences/Seminars/ Workshops Attended	Regional/ National/ International	Dates	Organiser	Title of the Talk/ Paper Presented	
Three day workshop on 'Indian Media Industry: Forces, Trends and Practices'	National	February 7 – 9, 2019	Department of Communication and Journalism and Teaching, Learning Centre, Savitribai Phule Pune University, Pune	Participant	
Examining the Socio-Political Economy of Communication	International	October 27 – 29, 2018	Asian Congress for Media and Communication	Free Speech in Social Media vs. Mainstream Media : Journalist's Perspective	
Five day Train-the-Trainer Programme	National	September 3 – 7, 2018	Google News Initiative India Training Network	Participant	
Five day Course in 'Digital Media in a Global Age'	National	July 16 – 20, 2018	Indian Institute of Technology, Kharagpur under Global Initiative for Academic Network (GIAN)	Participant	

**Mr. Manish Prakash**

Theme of the Conferences/Seminars/ Workshops Attended	Regional/ National/ International	Dates	Organiser	Title of the Talk/ Paper Presented
Contemporary Practices and Trends in Business Management and Society	National	21 st May, 2018	Shri Mata Vaishno Devi University, Katra	Tourism Enticing Nostalgia through Films in Contemporary Society
Digitality and Communication	International	Sep 5-7, 2018	The English and Foreign Languages University	Digitizing Hindi Films: A Way Forward: A Study of Ekta Kapoor's Two New Age Films
Indian Cinema and Alternate Networks	International	Nov 16-18, 2018	Guru Govind Singh Inraprastha University, Delhi	Film Analysis through a Web of Networks: A Paradigm Shift on Writings about Regional Films
Contemporary Indian Cinema (Contestations and Consolidations)	International	Feb 7-9, 2019	Savitribai Phule Pune University	Reinvigorating the mundane space through Yashraj Films and Dharma Productions in Hindi cinema
One week Faculty Development Programme on Digital Tools in Teaching and Research	National	Jan 2-7, 2019	Manav Rachna International University, Faridabad	Participated

13. FACULTY PUBLICATIONS:**Prof. Govind Singh**

Name of the Author/Authors	Article/Research Paper/Book Chapter/Any Other	Name of Publisher	Name of the Magazine/Journal/Book	ISSN/ SBN No.	Year of Publication
Dr. Govind Singh	Research Paper "Uttarakhand ke Melon ki Sanchar Vyavastha"	Makhanlal Chaturvedi Patrakarita Vishwavidyalaya, Bhopal	Media Manthan		2018

Dr. Dharmendra Singh

Name of the Author/Authors	Article/Research Paper/Book Chapter/Any Other	Name of Publisher	Name of the Magazine/Journal/Book	ISSN/ISBN No.	Year of Publication
Dr. Dharmendra Singh	Book	Neha Publishers and Distributors, New Delhi	Bhartiya media me Vikas	978-81-936008-4-9	2018
Dr. Dharmendra Singh	Book	Neha Publishers and Distributors, New Delhi	Media Freedom and social Justice	978-81-936008-1-8	2018

**Dr. Bachha Babu**

Name of the Author/Authors	Article/Research Paper/Book Chapter/Any Other	Name of Publisher	Name of the Magazine/Journal/Book	ISSN/ISBN No.	Year of Publication
Ishfaq ahmad Shah ,Akshay Kumar & Dr Bachha Babu	Media censorship in Jammu and Kashmir: A chronicle		Journal of Advanced Research in Journalism and Mass Communication		2019
Dr.Bachha Babu & Ishfaq Ahmad Shah	New Media Tools in Conflict Situation :A Study of Digital Journalism practices in Jammu and Kashmir		Communis		2018
Dr Bachha Babu & Vinica Bhat	Migration and Media Reporting with Special Reference to Kashmiri Migrants		Research Directions	2321-5488	2018
Dr.Bachha Babu	Political Economy of Mass Media : Concept & Reference	Kanishka Publication, New Delhi		ISBN-978-81-934480-4-5	2018

Ms. Archana Kumari

Name of the Author (S)	Article/ Research paper/ Book Chapter/ Any Other	Name of Publisher	Name of the Magazine/ Journal/ Book	ISSN/ISBN No.	Year of Publication
Archana Kumari	Ecosystems for Media Organisations	Odisha Open University (OER)	SLM in Open and Distance Learning Format		2018
Archana Kumari	Ecosystems of Print Media Organisations	Odisha Open University (OER)	SLM in Open and Distance Learning Format		2018
Archana Kumari	Ecosystems of Broadcast Media Organisations	Odisha Open University (OER)	SLM in Open and Distance Learning Format		2018
Archana Kumari	Convergent Media and Its Ecosystem	Odisha Open University (OER)	SLM in Open and Distance Learning Format		2018
Archana Kumari	Strategic Planning and Brand Management	IGNOU (Open and Distance Learning Material)	Course 12 – Advertising and Public Relations		2018



14. DETAILS OF RESEARCH PROJECTS:

Name of the Project Investigator	Title of the Research Project	Funding Agency	Tenure of the Project	Major Research Project/ Minor Research Project	Status	
					Ongoing	Date of Completion
Dr. Bachha Babu	Social Media Technology and Conflict Resolution:A Study in Kashmir Valley	ICSSR	2019-2021	Major Research Project	Ongoing	2021
Dr. Bachha Babu	Evaluation Study of the Units Financed by J&K SC,ST & BC Development Corporation Ltd	<i>Jammu & Kashmir State SC, ST & BC Development Corporation Ltd. (J&K State</i>	2019	Minor Research Project	Ongoing	2019



DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

1. ABOUT THE DEPARTMENT

The Department of Computer science & IT under the aegis of School of Basic & Applied Sciences was established in the year 2012. Initially the Department started offering the M.Sc.(Computer Science) programme with an intake of 30 seats. Later, in the year 2013, the programme was renamed as Integrated M.Sc.(Computer Science)-MCA. Three batches of MCA have been successfully passed out till the year 2017. Keeping in view the research output, market scenario and industry requirements the Department started offering M.Tech(Computer Science & Technology) programme with an intake of 24 seats and discontinued the Integrated M.Sc.(Computer Science)-MCA programme from the session 2016-17. The M.Tech programme has been approved by AICTE from the session 2017-18. The Department is also offering Ph.D. research programme from the academic session 2016-17. The Department has a team of six highly qualified and experienced faculty members with varied field of research areas. The Department of Computer Science and Information Technology has successfully organized two International Conferences on the theme of "Recent Innovations in Computing" (ICRIC) in the year 2018 and 2019.

2. INTERNATIONAL, NATIONAL SEMINARS/WORKSHOPS/OTHER EVENTS HELD IN DEPARTMENT

● International Conference (8th and 9th March 2019)

The 2nd International Conference on Recent Innovations in Computing (ICRIC-2019) was held on 8th - 9th March, 2019 at Central University of Jammu, J & K. ICRIC-2019 was organized to provide an opportunity to research scholars, academicians, industrialists and students to interact and share their experience and knowledge in the recent technological advancements in the field of Computer Science & Information Technology. The ICRIC-2019 offered a rich program, including keynote addresses and paper presentations. Theme of the Conference: "Inclusive innovation for a Better Digital World"

In the ICRIC-2019 more than 173 manuscripts were received from researchers/ academician covering six different countries and 13 states across the country. Out of the 173 received manuscripts, only 82 high quality research articles were accepted for oral presentation. The accepted articles were presented by the participants in 8 different technical sessions during both days of the Conference. The technical sessions in the conference were chaired by various delegates including Prof. Shuchita Upadhyaya (Kuruskshetra University, Haryana), Dr. Sudhanshu Tyagi (Thapar University), Dr. Manoj Kumar Gupta (SMVDU, Katra), Dr. Sudeep Tanwar (Nirma University, Ahmedabad), Dr. Jatinder Manhas (University of Jammu), and Dr. Pradeep Kumar Singh



(Jaypee University of Information Technology, Solan). The ICRIC-2019 was financially supported by SERB-Department of Science and Technology, Govt. of India and Science & Technology Department J&K as well as technically sponsored by Lecture Notes in Electrical Engineering (LNEE), Springer. After an intense review process 66 manuscripts out of 82 presented papers were selected and sent for final publication in the LNEE Springer.

ICRIC-2019 had following Keynote speakers from various Institutes of repute:

- Dr. Zdzislaw Polkowski, Rector's Representative for International Cooperation and Erasmus Programme Jan Wyzykowski University, Polkowice, Poland
- Dr. Devesh C Jinwala, Dean Faculty Welfare, IIT Jammu, India
- Mr. Amit Sharma, Additional Director, DRDO, India

3. TRAINING PROGRAMME

One week Training Programme on “e-Suruksha” (December 10-14, 2018)

The Department of Computer Science and Information Technology, Central University of Jammu, in collaboration with C-DAC Mohali has organized one week workshop from December 10-14, 2018 on the topic "e-Suruksha" under the aegis of the project on Information Security Education and Awareness (ISEA), Ministry of Electronics and Information Technology, Govt. of India. The list of resource persons for the workshop includes **Mr. Akhil Goyal, Mr. Harpreet Singh and Mr. Chetan Soni**, the leading practitioners from C-DAC, Mohali. More than 40 participants from various government institutions were registered and participated in the workshop.

4. EMINENT LECTURES

- Prof. Manish Kumar Jindal, Professor RC Muktsar, Punjab University Chandigarh, delivered Lecture on “Captcha” on 17th December, 2018.
- Dr. Rajesh Pillai, Scientist G, SAG, DRDO New Delhi, delivered Lecture on “Trust in Modern Computers” on 16th January, 2019.
- Prof. Prof. Devesh C Jinwala, Dean IIT Jammu, delivered Lecture on “Cyber Physical Systems: Characteristics, Applications and Security Issues”, March 08, 2019.
- Mr. Amit Sharma, Advisor(Cyber) and Director in the Office of the Secretary Department of Defence(R&D), delivered Lecture on “Cyber Weapons and Advanced Cyber Threats to National Security” March 08, 2019.
- Dr. Zdzislaw Polkowski, Rector's Representative for International Cooperation and Erasmus - Programme, Jan Wyzykowski University in Polkowice, Poland, Delivered Lecture on “Selecting ICT Solutions for Micro Companies by Multiple Criteria Decision Making Methods”, March 09, 2019.



5. AWARENESS PROGRAM

S. No.	Participant in IT Awareness Programme	No. of Participant	Dated	Year
1.	Govt. Higher Secondary School, Gho Brahmana (Samba)	39	24 th Jan. 2019	2019

6. FIELD TRIPS / INDUSTRIAL VISIT / EDUCATIONAL VISIT.

- One day picnic to Amritsar was organized for the students of Dept. of CS&IT on 2nd Apr, 2019

7. VISIT OF EXTERNAL EXPERTS.

- Prof Rakesh Kumar, Kurukshetra University, December 17, 2018 and May 21, 2019
- Prof. Manish Jindal, Punjab University Chandigarh, December 17, 2018 and May 21, 2019
- Prof. H.K.Verma, NIT Jalandhar, August, 2018
- Prof. Vinod Sharma, Jammu University, Jammu, December 2018
- Prof. Lalit sen Sharma, July 2018
- Prof. Shuchita Upadhyaya Kuruskshetra University, Haryana, March 2019
- Dr. Sudhanshu Tyagi Thapar University, March 2019
- Dr. Manoj Kumar Gupta SMVDU, Katra, March 2019
- Dr. Sudeep Tanwar Nirma University, Ahmedabad, March 2019
- Dr. Jatinder Manhas University of Jammu, March 2019
- Dr. Pradeep Kumar Singh Jaypee University of Information Technology, Solan, March 2019
- Dr. Rajesh Pillai, Scientist G, SAG, DRDO New Delhi, March 2019
- Prof. Prof. Devesh C Jinwala, Dean IIT Jammu, March 2019
- Mr. Amit Sharma, Advisor(Cyber), March 2019
- Dr. Zdzislaw Polkowski, March 2019

8. ORIENTATION PROGRAMS ORGANIZED/ATTENDED.

Mr. Neerender Kumar

Name of the Course	Place	Duration	Sponsoring Agency
General Orientation Course	UGC HRDC UNIVERSITY OF JAMMU	24 Dec. 2018 to 22 Jan. 2019	UGC



9. FACULTY ACHIEVEMENTS

DRDO Sponsored Research Project titled “ Development of Vulnerability Analysis Framework and Test Bed for IoT and Embedded Devices” worth Rs. 46.322 Lacs was awarded to Dr Yashwant Singh(PI), Dr. Arvind Selwal (Co.PI).

10. SEMINARS, WORKSHOPS AND CONFERENCES ATTENDED BY THE FACULTY

Dr. Yashwant Singh

Theme of the Conferences/ Seminars/ Workshops Attended	Regional/National/ International	Dates	Organiser	Keynote Speaker/Chaired/ Co-Chaired/ Resource Person
“eSuraksha” A practical Approach on Network & Web Application Security	One week workshop/Training (National)	10 Dec., 2018 to 14 Dec, 2018.	Deptt of Computer Science & IT (In Collaboration with C-DAC , Mohali), Central University of Jammu,	Coordinator
Recent Innovation in Computing	International Conference	8 th - 9 th March, 2019	Department of Computer Science & IT, Central University of Jammu	General Chair

Dr. Bhavna Arora

Theme of the Conferences/ Seminars/ Workshops Attended	Regional/ National/ International	Dates	Organiser	Keynote Speaker/Chaired/ Co-Chaired/ Resource Person
“eSuraksha” A practical Approach on Network & Web Application Security	One week workshop/Training (National)	10 Dec., 2018 to 14 Dec, 2018.	Department of Computer Science & IT(In Collaboration with C-DAC , Mohali), Central University of Jammu,	Participant
Recent Innovation in Computing	International Conference	8 th - 9 th March, 2019	Department of Computer Science & IT, Central University of Jammu	Session Chair
Data Analytics with Python	FDP (National)	7 May, 2019 to 12 May, 2019	Bhaderwah Campus, University of Jammu (In Collaboration with Electronics & ICT Academy, IIT Roorkee)	Participant
Entrepreneurship Development	FDP (National)	20 May 2019 to 10 June 2019	UBIC & FIDC, Central University of Jammu (In collaboration with Entrepreneurship Development Institute of India)	Participant

**Dr. Arvind Selwal**

Theme of the Conferences/ Seminars/ Workshops Attended	Regional/National/ International	Dates	Organiser	Keynote Speaker/Chaired/ Co-Chaired/ Resource Person
"eSuraksha" A practical Approach on Network & Web Application Security	One week workshop/Training(National)	10 Dec., 2018 to 14 Dec, 2018.	Department of Computer Science & IT(In Collaboration with C-DAC , Mohali), Central University of Jammu,	Coordinator
Recent Innovation in Computing	International Conference	8 th - 9 th March, 2019	Department of Computer Science & IT, Central University of Jammu	Session Chair
Student Induction Program based on UHV	FDP (National)	04 June 2019 to 10 June 2019	Panjab University, Chandigarh(AICTE)	Participant
Data Analytics using Python	One week FDP	June 18-22, 2019	IIT Roorkee	Participant

Dr. Deepti Malhotra

Theme of the Conferences/ Seminars/ Workshops Attended	Regional/National/ International	Dates	Organiser	Keynote Speaker/Chaired/ Co-Chaired/ Resource Person
Data Analytics and Data Science	FDP (National)	10 Sept, 2018 To 15 Sept, 2018	University of Jammu(In collaboration with Electronics & ICT Academy, IIT Roorkee)	Participant
NPTEL Awareness Workshop	National	3 rd Dec, 2018	Indian Institute of Technology Kanpur	Participant
"eSuraksha" A practical Approach on Network & Web Application Security	One week workshop/Training(National)	10 Dec., 2018 to 14 Dec, 2018.	Department of Computer Science & IT(In Collaboration with C-DAC , Mohali), Central University of Jammu,	Participant
Recent Innovation in Computing	International Conference	8 th - 9 th March, 2019	Department of Computer Science & IT, Central University of Jammu	Session Chair
Entrepreneurship Development	FDP (National)	20 May 2019 to 10 June 2019	UBIC & FIDC, Central University of Jammu (In collaboration with Entrepreneurship Development Institute of India)	Participant

**Mr. Neerendra Kumar**

Theme of the Conferences/ Seminars/ Workshops Attended	Regional/National/ International	Dates	Organiser	Keynote Speaker/Chaired/ Co-Chaired/ Resource Person
"eSuraksha" A practical Approach on Network & Web Application Security	Training (National)	10 Dec., 2018 to 14 Dec, 2018.	Department of Computer Science & IT(In Collaboration with C-DAC , Mohali), Central University of Jammu,	Participant
Recent Innovation in Computing	International Conference	8 th - 9 th March, 2019	Department of Computer Science & IT, Central University of Jammu	Session Chair
Entrepreneurship Development	FDP (National)	20 May 2019 to 3 June 2019	UBIC & FIDC, Central University of Jammu (In collaboration with Entrepreneurship Development Institute of India)	Participant
SIP based on UHV	FDP (National)	04 June 2019 to 10 June 2019	Punjab University, Chandigarh(AICTE)	Participant

11. FACULTY PUBLICATIONS**Prof. Devanand**

Name of the Author(S) (Main Author then co-author)	Article/Research paper/ Book Chapter/ Any Other	Name of Publisher	Name of the Magazine/Journal/ Book	ISSN/ISB N. No	Year of Publication
Neha Verma, Devanand, Bhavna Arora	Experimental Analysis of Recommendation System in e-Commerce	BEIESP (Scopus Journal)	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075	2019

**Dr. Yashwant Singh**

Name of the Author(S) (Main Author then co-author)	Article/Research paper/ Book Chapter/ Any Other	Name of Publisher	Name of the Magazine/Journal/ Book	ISSN/ ISBN. No	Year of Publication
Shamsul Haq, Yashwant Singh	Botnet Detection using Machine Learning	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978 -1-7281-0646-5	2019
Vandana Mohindru, Yashwant Singh, Ravindara Bhatt	A Review on Lightweight Node Authentication Algorithms in Wireless Sensor Networks	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978 -1-7281-0646-5	2019
Deep Kumar Bangotra , Yashwant Singh , Arvind Selwal	Machine Learning in Wireless Sensor Networks: Challenges and Opportunities	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978 -1-7281-0646-5	2019
Vandana Mohindru, Yashwant Singh, Ravindara Bhatt	Securing Wireless Sensor Networks From Node Clone Attack: A Lightweight Message Authentication algorithm	InderScience Publishers	International Journal of Information and Computer Security	DOI: 10.1504/IJICS.2019.10017217	2019
Vandana Mohindru, Yashwant Singh, Ravindara Bhatt	Hybrid Cryptography Algorithm for Securing Wireless Sensor Networks from Node Clone Attack	Bentham Science	Recent Advances in Electrical & Electronic Engineering	DOI : 10.2174/2352096512666190215125026	2019

Dr. Bhavna Arora

Name of the Author(S) (Main Author then co-author)	Article/Research paper/ Book Chapter/ Any Other	Name of Publisher	Name of the Magazine/Journal/ Book	ISSN/ ISBN. No	Year of Publication
Shivangi Dutta, Bhavna Arora	Preprocessing for Parts of Speech (POS) Tagging in Dogri Language	BEIESP (Scopus Journal)	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075	2019



Neha Verma, Devanand, Bhavna Arora	Experimental Analysis of Recommendation System in e-Commerce	BEIESP (Scopus Journal)	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075	2019
Neeraj Bhagat, Bhavna Arora	Intrusion Detection using Honeypots	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978-1-7281-0646-5	2019
Sonam Gandotra , Bhavna Arora	Functional words removal techniques: A review	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978-1-7281-0646-5	2019
Bhavna Arora	Big Data Analytics: The Underlying Technologies Used by Organizations for Value Generation	Springer Singapore	Understanding the Role of Business Analytics	Online ISBN978-981-13-1334-9, Print ISBN978-981-13-1333-2	2019
Akankasha, Bhavna Arora	A Review of Sentimental Analysis on Social Media Application	Springer Singapore	Emerging Trends in Expert Applications and Security	eBook ISBN 978-981-13-2285-3 Softcover ISBN 978-981-13-2284-6 Series ISSN 2194-5357	2019
Neeraj Bhagat, Bhavna Arora	Honeypots and Its Deployment: A Review	Springer Singapore	Emerging Trends in Expert Applications and Security	eBook ISBN 978-981-13-2285-3 Softcover ISBN 978-981-13-2284-6 Series ISSN 2194-5357	2019
Akankasha, Bhavna Arora	Sentiment Analysis on Twitter Data Using Classification Approach	IJRECE	International Journal of Research in Electronics and Computer Engineering	ISSN(Online): 2348-2281, ISSN(Print):2393-9028	2018

**Dr. Arvind Selwal**

Name of the Author(S) (Main Author then co-author)	Article/Research paper/ Book Chapter/ Any Other	Name of Publisher	Name of the Magazine/Journal/ Book	ISSN/ISBN. No	Year of Publication
Sheikh Imroza Manzoor, Arvind Selwal	An Analysis of Biometric Based Security Systems	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978-1-7281-0646-5	2019
Deep Kumar Bangotra , Yashwant Singh , Arvind Selwal	Machine Learning in Wireless Sensor Networks: Challenges and Opportunities	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978-1-7281-0646-5	2019

Dr. Deepti Malhotra

Name of the Author(S) (Main Author then co-author)	Article/Research paper/ Book Chapter/ Any Other	Name of Publisher	Name of the Magazine/Journal/ Book	ISSN/ISBN. No	Year of Publication
Saima Fayaz Chashoo, Deepti Malhotra	VM_Mig_Framework: Virtual Machine Migration With and Without Ballooning	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978-1-7281-0646-5	2019
Vishalika, Deepti Malhotra	LD_ASG: Load Balancing Algorithm in Cloud Computing	IEEE xplore	Proceedings of 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC)	ISBN: 978-1-7281-0646-5	2019

**Mr. Neerendra Kumar**

Name of the Author(S) (Main Author then co-author)	Article/Research paper/ Book Chapter/ Any Other	Name of Publisher	Name of the Magazine/Journal/ Book	ISSN/ISBN. No	Year of Publication
N. Kumar and Z. Vámosy	Obstacle recognition and avoidance during robot navigation in unknown environment	Science Publishing Corporation	International Journal of Engineering & Technology	ISSN: 2227-524X	2018
N. Kumar and Z. Vámosy	Robot navigation with obstacle avoidance in unknown environment	Science Publishing Corporation	International Journal of Engineering & Technology	ISSN: 2227-524X	2018
N. Kumar and Z. Vámosy	Robot navigation in unknown environment with obstacle recognition using laser sensor	The Institute of Advanced Engineering and Science (IAES)	International Journal of Electrical and Computer Engineering	ISSN: 2088-8708	2019
F. Kossier and N. Kumar	Robot Navigation and Path Planning Techniques Challenges: A Review	CSJournals	International Journal of Electronics Engineering	ISSN: 0973-7383	2019

12. DETAILS OF RESEARCH PROJECTS

DRDO Sponsored Research Project titled “ Development of Vulnerability Analysis Framework and Test Bed for IoT and Embedded Devices” worth Rs. 46.322 Lacs was awarded to Dr Yashwant Singh(PI), Dr. Arvind Selwal (Co.PI).

**DEPARTMENT OF EDUCATIONAL STUDIES****Dr. Asit K. Mantry**

1. Participated in the one-week capacity building programme on 'Pedagogy: Transition and Assessment' organised by UGC-HRDC, Kurukshetra University, Kurukshetra, Haryana, from 25th March 2019 to 30th March 2019.

Dr. Ravi Vanguri

1. Presented a research paper on 'Attitude of Elementary School Teachers towards Inclusive Education in Rajouri District of Jammu Province' during an International Conference on "Quality Teacher-education vis-à-vis School Education" organised by Department of Education, University College of Education, Osmania University, Telangana, from 24th-25th January 2019.



DEPARTMENT OF TOURISM AND TRAVEL MANAGEMENT

1. About the Department

The Department of Tourism and Travel Management (DTTM) aspires to evolve as a 'Centre of Excellence' education, research and policy development. With the wide network of employment partners, DTTM has been ensuring excellent placement since 2014. Students are exposed to summer internship, On the Job Training, Tourism Immersion and Leadership Development Camp, mentorship programmes, skill development modules and personality grooming sessions, designed to maximize success in the job market.

2. MAJOR ACHIEVEMENTS DURING THE YEAR

- Excellent track records of placements during 2018-19
- Four students have qualified UGC NET 2018

3. INTERNATIONAL, NATIONAL SEMINARS/ OTHER EVENT HELD IN DEPARTMENT .

DTTM Celebrates the Spirit of Incredible India and World Tourism Day-2018 (September, 2018)

The Department of Tourism and Travel Management (DTTM), organized spectrum of events to mark the occasion of the “Paryatan Parv” and “World Tourism Day” during September 25th-27th, 2018. In this event, a series of activities were organized in consonance with the theme jointly mooted by the Ministry of Tourism, Government of India and the United Nation World Tourism Organization (UNWTO). In sync with the pulse of the theme, the Department organized a series of activities viz- Documentary Making Competition, Nukkad Natak, Cultural Dance, Debate Competition, Quiz Competition and panel discussion on the UNWTO theme-'Tourism and Digital Transformation'. Keeping in mind the essence of celebrating spirit of 'Incredible India', the Ministry of Tourism, Government of India has launched the “PARYATAN PARV” under the theme “Dekho Apna Desh” aimed at raising awareness of the value and contribution that tourism can make towards development of our nation.

Special Lecture on Contemporary Challenges in Service Industry (August, 2018.)

DTTM organized a special lecture on 'Contemporary Challenges in Service Industry' on August, 2018. This talk was delivered by Mr. Amit Kumar Sood, General Manager, Hotel Asia, Jammu. He elaborated on the various contemporary practices in the service industry and also appraised the house about the Skills sets needed by the service industry professionals in 21st century. He explained the importance of technology in hospitality sector and elaborated on the increased



demand of PMS (Property Management System) and Reputation management in service industry.

(Workshop on Green Practices in Tourism, July 2018)

DTTM organized one day workshop on Green Practices in Tourism on July 27, 2018. Mr Jiju Jose, CEO and Secretary, Green Tourism Circuit, Kerala was the key resource person. He delivered a talk on the 'Best Green Practices of Tourism in Kerala'. He elaborated on the initiatives like STEP (Safe to Eat Points) certification, palm leaf certification and how Kerala is making the best of the indigenous knowledge and culture to showcase and position itself at the international platform.

DTTM organizes Tourism Immersion and Leadership Development Camp (TILDC) at Kullu

Tourism Immersion & Leadership Development Camp (TILDC) is a unique initiative of the Department of Tourism & Travel Management (DTTM), instituted with an objective to sensitize the budding tourism professionals towards the ground level reality of tourism and practicum that attempt to connect classroom learning with real time environment.

4. DETAILS OF ORIENTATION PROGRAMS ORGANIZED/ATTENDED BY FACULTY MEMBER.

Mr. Ranjeet Kumar Raman participated in the Inter-disciplinary Refresher Course on 'Online Teaching, Learning and Assessment' organized by FIDC, Central University of Jammu in collaboration with UGC SWAYAM during 25th May- 8th June 2018.

5. FACULTY ACHIEVEMENT DURING 2018-2019.

- Dr. Amit Gangotia was felicitated with the “Global Hospitality Leadership Award-2018” during the 4th International Conference on “Advanced Technologies and Innovation in Tourism and Hospitality Industry” (ATITHI-2018) on 24th -25th Nov, 2018.
- Invited as Session Co-Chair in the technical session in the 2nd International Conference on “MM HTFT iCoN-2019, International Conference on Innovation, Trends & Strategies in Hospitality, Tourism and Food Technology: Vision 2030 organized by Maharaja Markandeshwar University, Ambala (Haryana) on March 15-16th 2019.
- The Indian Society for Technical Education (ISTE) has admitted Dr. Amit Gangotia, Ranjeet Kumar Raman, Raul Thakur, Manjeet Singh and Rabinder Singh, life member of the ISTE, an organization for promoting the quality and standards in technical education.
- Social Science and Humanities Research Association (SSHRA) has admitted Mr. Ranjeet Kumar Raman, life-time member of the SSHRA.



6. SEMINAR, WORKSHOP AND CONFERENCE ATTENDED BY THE FACULTY (2018-2019).

- Dr. Amit Gangotia was invited as Session Co-Chair during the National Seminar on Innovations, Creativity & Sustainability in Tourism, Aviation & Hospitality Industry (06th -07th April, 2018) organized by University Institute of Tourism and Hospitality management of Chandigarh University, Punjab.
- Dr. Amit Gangotia was invited as Subject Expert, part of the inspection team HPTU to grant affiliation in the team of Himachal Pradesh Technical University to Green Hill Institute and LR Institute, District Solan, Himachal Pradesh on 13th July-14th July, 2018.
- Dr. Amit Gangotia was invited for special Invited lecture on Importance of Soft Skills for Service Industry Professionals School, Rajiv Gandhi Government Engineering College Campus, Nagrota Bagwan, Kangra (H.P) on 25th August, 2018.
- Dr. Amit Gangotia was invited as Resource Person to Subharti University on 4th International Conference on “Advanced Technologies and Innovation in Tourism and Hospitality Industry” (ATITHI-2018) on 24th -25th Nov, 2018.
- Dr. Amit Gangotia participated as a Member of Cricket team of Central University of Jammu in the All India Vice-Chancellor's T-20 Cricket Tournament organised by Kashmir University from 29th Aug, 2018-13th Sept, 2018.
- Mr. Ranjeet Kumar Raman presented a paper titled 'A Framework for Evaluating Service Quality of Buddhist Circuit' in the National Conference on Destination Branding and Competitive Advantage, organized by School of Business Studies, Central University of Jammu, September 6th -8th 2018.
- Mr. Rahul Thakur was invited as Resource Person during the National Seminar on Innovations, Creativity & Sustainability in Tourism, Aviation & Hospitality Industry (06th -07th April, 2018) organized by University Institute of Tourism and Hospitality management of Chandigarh University, Punjab.
- Dr. Poonam Sharma presented a paper titled 'Tourism Events and Brand Identity of a Destination in the National Conference on 'Destination Branding and Competitive Positioning' organized by SBS, Central University of Jammu during 6th -8th Sep, 2018.
- Dr. Poonam Sharma presented a paper titled ' Impact of tourism on Sustainable Development: Examining the Local Residents Perception' in the International Conference on 'Tourism for Developing Economies The Path Unexplored' at IITM, Noida during 13th -15th Sep, 2018.
- Mr. Rabinder Singh presented a paper titled 'The influence of Social Economic Factors on the Business Performance' in National Conference on Destination Branding and Competitive Positioning held at Central University of Jammu from 6th to 8th September, 2018.



- Mr. Rabinder Singh presented a research paper titled, “Understanding Students Acceptance of e-Learning Systems: Using Technology Acceptance Model” in International Conference “ Strategic Marketing Initiatives in Emerging Markets” in collaboration with NASMEI, 15-16 March, 2019, The Business School, University of Jammu.
- Manjeet Singh presented paper a titled 'Inclusive Tourism in India: A Distant Dream or Reality in Advanced Technologies & Innovations in Tourism & Hospitality Industry (ATITHI-2018), organized by Bhikaji Cama Subharti College of Hotel Management, Subharti University, 24-25 Nov 2018.
- Manjeet Singh presented paper titled 'Tourism Events and Brand Identity of a Destination” in National Conference on Destination Branding and Competitive Positioning, organized by School of Business Studies, Central University of Jammu, 6-8 Sep 2018.

7. FACULTY PUBLICATIONS

- Aruditya Jasrotia and Dr. Amit Gangotia (2018). Smart Cities to Smart Tourism Destination: A review paper published in (double blind reviewed, biannual Journal), Journal of Touris Intelligence and Smartness” eISSN: 2651-3420, Volume (1), Issue (1), pp 47-56 (September, 2018).
- Rabinder Singh (2018). Analysis of Socio-Economic Background of Entrepreneurs: A Case Study of Select MSMES in J & K (INTERNATIONAL JOURNAL OF MANAGEMENT STUDIES (IJMS)) Volume (v), Special Issue 4, August 2018.

8. DETAILS OF RESEARCH PROJECTS.

- One Minor Project sponsored by the Central University of Jammu (Rs 2L)



DEPARTMENT OF HINDI AND OTHER INDIAN LANGUAGES

1. ABOUT THE DEPARTMENT

Department of Hindi and other Indian Languages was established in August 2015. Departments emphasis on Hindi language. Department running Two Years PG Programme In Hindi.

2. INTERNATIONAL, NATIONAL SEMINARS/WORKSHOPS/OTHER EVENTS

Date	Topic	Resource Person
31-07-2018	Prem Chand aur Unka Yug	Dr. Ratanlal Shant

EXTENSION LECTURE

Date	Topic	Resource Person
25-10-2018	Hindi Vyakaran	Dr. Asha Rani
17-12-2018	Shodh Pravidhi	Dr. Sunil Kumar

3. DETAILS OF ORIENTATION PROGRAMS ORGANIZED/ATTENDED BY FACULTY MEMBERS:-

Dr. Ratnesh Kumar Yadav participated in the General Orientation Course (GOC) organised by Faculty Induction Development Cell (FIDC) Central University of Jammu in line with provisions of UGC-HRDC held from 25th may 2018 to 25th june, 2018

4. SEMINARS, WORKSHOPS AND CONFERENCES ATTENDED BY THE FACULTY (2017-2018)

Name of the Faculty	Seminars/ Workshops	Organization	Topic	Date
Dr. Vandana Sharma	National	Dept. of Hindi Jammu University, Jammu	'Shikanje ka dard' men dalit ki samajik sthiti	12-14 Sept. 2018
	Workshops	Jammu University, Jammu & CU Jammu	NAAC Assessment and Accreditation Awareness Programme	27 Aug., 2018
Dr. Vinay Kumar Shukla	Seminars National (Resource Person)	St. Joseph's College for Women, Vishakhapattanam (AP)	Stri-Vimarsh	14-15 July, 2018

5. FACULTY PUBLICATIONS

Author	Name of Magazine Book Chapter	Title of Paper	Date/ Year	ISBN/ ISSN
Dr. Vandana Sharma	Printing Aria	Hindi Upanyas Aur Adivasi Vimarsh	April, 2018	2394-5303
Dr. Ratnesh Kumar Yadav	Sankaly	Bhumandlikaran Aur Hindi Upanyas	April-Sept., 2018	2277-9264
Dr. Arbind Kumar Yadav	Lok Smriti evm Sanskriti	Bhojpuri Lok Giton Ko Swarup	Sept. 2018	978-93-83772-69-8



DEPARTMENT OF PHYSICS AND ASTRONOMICAL SCIENCES

1. EXTENSION AND OUTREACH ACTIVITIES

Under Popular Lecture Series, Department of Physics and Astronomical Sciences, Central University of Jammu organised a lecture on the topic “Nuclear Reaction at Different Energy: from the Early Universe to Nuclear Energy”. The lecture was delivered by Prof. Christoph Hartnack from University of Nantes, France.

2. AWARDS

Prof. S. K. Khosa of Department of Physics and Astronomical Sciences, Central University of Jammu was Conferred with Lifetime achievement award during Indo-French Seminar on “Multifragmentation, Collective Flow and Sub threshold Particle production in Heavy Ion Reactions” held on 4th to 6th Feb. 2019 at Panjab University Chandigarh.

3. APPOINTMENT OF RESEARCH STAFF

Name of Research Fellowship	Duration of Fellowship	Funding Agency	Supervisor
1. Mr. Ishant Kumar	2 Years	SERB	Dr. Vinay Kumar
2. Dr. Preeti Verma	3 Years	CSIR	Prof. S. K. Khosa
3. Ms. Divya Sharma	3 Years	SERB	Dr. Avinash C. Yadav

4. WORKSHOP/SEMINAR ORGANIZATION

Department of Physics and Astronomical Sciences organized a two days workshop on “Imagining the future of Space Science and its Strategic Importance” on Oct. 11-12, 2018

5. RESEARCH PAPERS PUBLISHED

S. No	Title of the paper	Name of the author	Title of the journal	Year of Publication
1	A novel orange-red emitting Ba ₂ Ca(BO ₃) ₂ :Sm ³⁺ p phosphor to fill the amber gap in LEDs: Synthesis, structural and luminescence characterizations	M. Manhas, Vinay Kumar , Vivek K. Singh, J. Sharma, Ram Prakash, Vishal Sharma, A.K. Bedyal, H.C.Swart	Current Applied Physics	2018
2	Potential of Sm ³⁺ doped LiSrVO ₄ nanophosphor to fill amber gap in LEDs	P. Biswas, Vinay Kumar , Vishal Sharma, A.K. Bedyal, Naresh Padha, H.C. Swart	PHYSICA B-CONDENSED MATTER	2019
3	Surface and spectral studies of Sm ³⁺ doped Li ₄ Ca(BO ₃) ₂ phosphors for white light emitting diodes	Neharika, V.K. Singh, J. Sharma, A.K. Bedyal, Vinay Kumar , H.C. Swart	Journal of Alloys and Compounds	2018
4	Synthesis, spectral and surface investigation of novel CaMgB ₂ O ₅ :Dy ³⁺ nanophosphor for UV based white LEDs	Vinay Kumar , M. Manhas, A.K. Bedyal, H.C. Swart	Materials Research Bulletin	2018
5	X-ray photoemission and spectral investigations of Dy ³⁺ activated magnesium pyrophosphate phosphors	Rubby Mahajan, Sandeep Kumar, Ram Prakash, Vinay Kumar , R.J. Choudhary, D.M. Phase	Journal Of Alloys And Compounds	2018



6	Microscopic insight into the nuclear structure properties of odd-mass 101–109Cd isotopes	Preeti Verma, Suram Singh *, Arun Bharti, S.K. Khosa , G.H. Bhat and J.A. Sheikh	Nuclear Physics A	2019
7	Systematic study of two-quasiparticle structure of the neutron-rich odd-odd rubidium nuclei	Surbhi Gupta, Suram Singh , Amit Kumar, Anuradha Gupta, Arun Bharti, G.H. Bhat, and J.A. Sheikh	Chinese Journal of Physics	2019
8	Investigation of quasi-particle structure of proton-hole Indium nuclei	Suram Singh , Amit Kumar, Surbhi Gupta, Arun Bharti, G. H. Bhat and J. A. Sheikh	European Physical Journal Plus	2018
9	Ultraviolet Quantum Cutting Through Down Conversion luminescence behaviour of Er ³⁺ substituted Sr _{0.7} Bi _{2.2} Nb ₂ O ₉ (BLFS) Ceramics	Amit Tomar , Meetesh, Suram, Lokesh, Sandeep Arya, Sanyogita	Integrated Ferroelectrics	2019
10	Sol-gel synthesis of Zn doped MgO nanoparticles and their applications	Asha, sandeep, Bikram, Prerna, Amit Tomar , Suram Singh and Rakesh	Integrated Ferroelectrics	2019
11	Morphological and Optical Characterization of Sol-Gel Synthesized Ni-doped ZnO nanoparticles	Prerna, sandeep, Asha, Bikram, Amit Tomar , Suram Singh and Rakesh	Integrated Ferroelectrics	2019
12	Template based Electrochemical Synthesis of Copper (Cu) Nanowires as CH ₂ Cl ₂ Sensor	Jyoti, Sandeep, Anoop, Sonali, Asha, Vikram and Amit Tomar	Integrated Ferroelectrics	2019
13	Influence of addition of nanoparticles of magnetic phase on structural, microstructural and dielectric properties of multiferroic composites	Poonam, Amit Tomar and R.P. Tandon	Integrated Ferroelectrics	2019
14	Critical Pólya urn	Avinash Yadav	PHYSICAL REVIEW E	2018

6. FACULTY PARTICIPATION IN SEMINARS/CONFERENCES AND SYMPOSIA DURING THE YEAR :

No. of Faculty	International Level	National Level	State Level	Local Level
Attended Seminars/Workshops	4	2		
Presented Papers	7	1		
Resource Persons	5	1	1	



DEPARTMENT OF MARKETING AND SUPPLY CHAIN MANAGEMENT

1. EVENTS

- Sh. Govind Sharma Chairman, Press Trust of India delivered a lecture on 26 March 2019 to the students of the department on the topic “Nuances of Publishing in the Academic World” wherein he elaborated on the various issues faced by the writers and the students for publishing their work. He also explained how Book Trust of India is assisting the young writers of the country and also told that they are organising workshops for the aspiring writers in the country with a purpose to attract talented youth in the field of writing.
- Prof Ajay Sharma from University of Florida delivered a lecture on the topic “Management lessons from Ecology” on 01 April, 2019 wherein he quoted various examples like how ecology maintain itself under extreme variation of cold and worm weather, different flora protect itself in the same forest region. He explained underlying concepts describe how this can be used by management professionals in optimally utilising the resources.
- Educational tour cum excursion was organised for the students at Patnitop and Sanasar on 27th April, 2019 to explore to opportunities for business and development of that area to attract more tourists.



DEPARTMENT OF PUBLIC POLICY AND PUBLIC ADMINISTRATION

1. DR. ROUCHI CHAUDHARY

Seminars/Conferences/ Invited Lectures

- Delivered Lecture on “Managing Change in the Police Organization” at Sher-I-Kashmir Police Academy, Udhampur, J&K on 1st September, 2018 to the J&K Police officers of the ranks of Dy.SsP and Superintendents of J&K Police.
- Delivered lecture on “Unnat Bharat Abhiyan” on 26th September 2018 at 'Induction cum General Training Programme' for newly appointed non-teaching employees of Central University of Jammu scheduled from 14-27 September, 2018.
- Delivered lecture on “Governance and Human Rights” on 6th December 2018 at the 'Inter-Disciplinary Refresher Course in Human Rights', University of Jammu.
- Delivered lecture on “Human Rights and New Trends in Policing” on 6th December 2018 at the 'Inter-Disciplinary Refresher Course in Human Rights', University of Jammu.
- Delivered Lecture on “Concept of Smart Policing: The Roadmap Ahead” at Sher-I-Kashmir Police Academy, Udhampur, J&K on March 7, 2018.

Workshop

- Attended two weeks workshop/FDP on SWAYAM organized by Central University of Jammu in June 2018.

Publications

- Published a book chapter titled “Contextualizing the 'Good' Quality Governance: Global Strategies for Sustainable Economic Revival in India” in edited book 'Economic Revival in India: Issues & Challenges', 2018.(ISBN 978-93-86123-48-0)
- Contributed a chapter for IGNOU Course Material for B.A- Public Administration .

2. DR. G. DURGA RAO (2018 2019 ACADEMIC SESSION)

List of books published

- Published a book chapter titled "From Crisis to Innovation - Contours of Governance Reforms in India". In an edited book titled 'Contours of Public Policy and Governance in India: Festschrift in Honour of Prof. Ramabrahmam', (In print).

Journals/Research publications

- DurgaRao G, Civil Society and Anti-Corruption Movement in India - A Critical Appraisal of India against Corruption, 2011, Public Affairs and Governance, Vol. 7, No. 1, March 2019, pp. 1-14 (In print)

RESEARCH/CONSULTANCY MAJOR/MINOR PROJECTS SANCTIONED

Consultancy Project - 01

Project Investigator	Funding Agency	Duration of the Project	Amount Sanctioned
Dr. G. Durga Rao	JKSCSTBCDC	4 Months	Rs. 4,70,000



Seminar/ Conferences attended

Theme of the Conferences/ Seminar/ Workshops Attended	Regional/ National/ International	Dates	Organiser	Keynote Speaker/ Chaired/Co-Chaired/ Resource Person	Title of the Talk/ Paper Presented
Governance in an Era of Inequality : Training the Next Generation of Policy Practitioners in South Asia."	International Conference	25 & 26 February 2019	NASPAA and the OP Jindal School of Government and Public Policy, O.P. Jindal Global University, Sonipat.	Resource Person	Employability of the discipline of Public Policy : Indian Perspective

3. DR. GOVIND KUMAR INAKHIYA

International Seminar

Presented a paper entitled "New Dynamics of Uzbek India Relations: Past ties and future Prospects" organized by the Centre for Russian and Central Asian Studies, School of International Studies, J N U New Delhi, 18-19 March 2019

Publication:

Contributed one chapter on "From Crisis to Innovation - Contours of Governance Reforms in India". In an edited book titled 'Contours of Public Policy and Governance in India: Festschrift in Honour of Prof. Ramabrahmam', (In print) (Co- Author).

4. Dr. Mohit Sharma

List of books published

Published a book chapter titled "From Crisis to Innovation - Contours of Governance Reforms in India". In an edited book titled 'Contours of Public Policy and Governance in India: Festschrift in Honour of Prof. Ramabrahmam', (In print).

RESEARCH/CONSULTANCY MAJOR/MINOR PROJECTS SANCTIONED

Consultancy Project - 01

Project Investigator	Funding agency	Duration of the project	Amount sanctioned
Dr. Mohit Sharma	JKSCSTBCDC	4 Months	Rs. 4,70,000



DEPARTMENT OF NANO SCIENCES AND MATERIALS

1. ABOUT THE DEPARTMENT:

The Department of Nano Sciences and Materials was established in the year 2016, and the first session was admitted to M.Sc. (Materials Science and Technology). At present, the department is functioning with one Associate and four Assistant Professors.

2. REPORT ON VARIOUS EMINENT LECTURE SERIES HELD IN DEPARTMENT

Dr. Amitansu Pattanaik

Senior Scientist, Defence Terrain Research Laboratory (DTRL), Defence Research and Development Organization (DRDO), Delhi-110054.

Students learned about the basic fabrication techniques of devices and delivered lectures for students and faculty members as well.

3. REPORT ON EXTENSION LECTURE SERIES HELD IN DEPARTMENT

Prof. K K Raina

Vice Chancellor, DIT University

Dr. T.C. Shami,

PhD, FRSC, Scientist 'G'(Additional Director)Head, Directorate of Strategic Materials & Special Materials Group (DRDO), Ministry of Defence, GT Road, Kanpur-208013 delivered a lectures on "Prospects of Materials Science for students and faculty members."

4. DETAILS OF MEMORANDUMS OF UNDERSTANDING SIGNED

Memorandum of Understanding (MOU) between Central University of Jammu, India and National Physical Laboratory, New Delhi has been finalized.

5. INNOVATION PROGRAMMES GROWTH PROGRAMMES AND OTHER PROGRAMMES

Proposal for establishing "DRDO-STC" Department of Nano Sciences and Materials actively contributed in writing DPR for establishing "DRDO-STC" at Central University of Jammu.

6. DETAILS OF ORIENTATION/FACULTY DEVELOPMENT PROGRAMMES ORGANISED / ATTENDED BY FACULTY MEMBERS

Dr. Vishal Singh has a Accomplished 8 week online refresher course on "Quantum mechanics for scientists and Engineers from 2nd October, 2018 to 10th December, 2018, Coursera, Stanford University.

7. FACULTY ACHIEVEMENTS DURING 2018-19

Since Dec, 2018 - Sr. Visiting Scientist, Nanyang Technological University, Singapore



8. ANY OTHER RELEVANT INFORMATION

Patent (Filed)

- Sahu Satyabrata, Rarotra Saptak, Pawan Kumar, Ki Hyun Kim, A Novel methodology for the conversion of mobile battery waste into ZIF-67, Indian Patent 2019 (Application no. 201911016830).

9. SEMINARS WORKSHOP AND CONFERENCES ATTENDED BY THE FACULTY 2018-19

- **Dr. Vishal Singh** has attended 5th International Conference on Nanoscience and Nanotechnology (ICONN-2019), 28-30 January 2019, Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur-603203, Chennai, Tamil Nadu.
- **Dr. Pragati Kumar** has attended and presented research paper in 5th International Conference on Nanoscience and Nanotechnology (ICONN-2019), 28-30 January 2019, Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur-603203, Chennai, Tamil Nadu.
- **Pawan Kumar**, Ki Hyun Kim, Aqueous synthesis of imidazolate frameworks at room temperature for nitro compounds sensing (OR-03-0581), 10th Singapore International Chemistry Conference 2018 (SICC10), 16th-19th Dec. 2018, NSU, Singapore.
- **Pawan Kumar**, Ki-Hyun Kim, Kowsalya Vellingir, ZIF-67 for chemosensing of volatile organic compounds (VOCs) Ref. No. AF0572 / ENV-17-4 (OP28-4) at BEEM-2018, June 10-13, 2018 Korea.

10. FACULTY CONFERENCE PUBLICATIONS

Dr. Vishal Singh

Theme of the conference /seminar /workshop attended	Regional/ National/International	Date	Organiser	Keynote speaker/Chaired/Co-Chaired/Resource person	Title of the talk
5th International Conference on Nanoscience and Nanotechnology (ICONN-2019),	International	28-30 Jan, 2019	Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur-603203, Chennai, Tamil Nadu	Talk	Effect of Quantum Confinement and Surface Morphology on Enhancement of Magnetoelectric Coupling Coefficient of Multiferroic Nanocomposite of PbTiO ₃ -SrFe ₁₂ O ₁₉



Dr. Tanuj Kumar

Theme of the conference /seminar /workshop attended	Regional/ National/International	Date	Organiser	Keynote speaker/Chaired/Co-Chaired/Resource person	Title of the talk
National conference RAETP 2018 Dept. of Physical & Astronomical science,	National conference	(April 17-18, 2018),	Central University of Jammu	Talk	
One day acquaintance program on Accelerator based research,	acquaintance program	26 March 2018,	Dept. of Physical & Astronomical science, Central University of Jammu	Invited Talk	Synthesis and Engineering of Nanostructures by ion beam
NPTEL Awareness Workshop	NPTEL Awareness Workshop	3 Dec.2018	Central University of Jammu,	Participation	
Two day National Conference on Recent Advances in Condensed Matter Physics	National Conference	Oct.12-13,2018.	KUK	Poster	"Dynamic Scaling and Fractal behavior of Nano-patterning Si(100)...ion irradiation environment
International Workshop on Soft Materials and Devices (IWSMD-2018)" organized by	International Workshop	21-26 March 2018	Central University of Jammu from 21th March 2018.	Member of organising committee & participation	
General Orientation Course (GOC) organized by Faculty Induction Development Cell (FIDC),	Orientation Course	25th May to 25th June 2018	Central University of Jammu,		



NPTEL Course	FDP		July-Dec 2019		Solar Photovoltaics: Principles, Technologies & Materials
NPTEL Course	FDP		July-Dec 2019		Structural Analysis of Nanomaterials

Dr. Pragati Kumar

Theme of the conference /seminar /workshop attended	Regional/ National/International	Date	Organiser	Keynote speaker/Chaired/Co-Chaired/Resource person	Title of the talk
5th International Conference on Nanoscience and Nanotechnology (ICONN-2019),	International	28-30 Jan, 2019	Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur-603203, Chennai, Tamil Nadu	Poster	Ar-ambient pressure induced bleaching of multiphonon Raman mode
International Conference on Nanotechnology: Ideas, Innovations and Initiatives (ICN:3I-2017), scheduled to be held from	International	December 06 - 08, 2017	at IIT Roorkee, Uttarakhand, India	Poster	Optical and structural studies of chemically synthesized silicon nanowires

Dr. Pawan Kumar

Theme of the conference /seminar /workshop attended	Regional/ National/International	Date	Organiser	Keynote speaker/Chaired/Co-Chaired/Resource person	Title of the talk
International Chemistry Conference	International	16th - 19th Dec. 2018,	NSU, Singapore	NSU, Singapore	Aqueous synthesis of imidazolate frameworks at room temperature for nitro compounds sensing (OR-03-0581),



BEEM-2018 (Sustainable Environment)	International	9,10-13 June, 2018	Korea University, Korea	Prof. Park, Prof K H Kim	ZIF-67 for chemosensing of volatile organic compounds (VOCs) Ref. No. AF0572 / ENV-17-4 (OP28-4)
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11. FACULTY PUBLICATIONS

Dr. Anil K. Thakur (Head)

Name of the author (s) (main author then co-author)	Article/Research paper/Book Chapter/Any other	Name of Publisher	Name of the magazine /Journal/ Book	ISSN/ ISBN. No.	Year of Publication
Ajay Singh, Shivani Suri, Parveen Kumar Balwinder Kaur, A.K.Thakur, Vishal Singh	Effect of temperature and frequency on electrical properties of multiferroic lead titanate and strontium hexaferrite(PbTiO ₃ and SrFe ₁₂ O ₁₉)		Journal of Alloys and Compounds, 764, 599, 2018		2018
Amit Choudhary, Ambika Bawa, Anil K Thakur, Lokesh Gangwar, Suraj Kumar, Surinder Singh, and Ashok Manikrao BIRADAR,	Electric field dependence of the optical dispersion process in short pitch ferroelectric liquid crystal		Appl. Phys. Lett. 2019 (Communicated)		2019
Ambika Bawa, Amit Choudhary, Anil K. Thakur, et al)	Surface interface induced dynamics of partially unwound helical structure in deformed helix ferroelectric liquid crystal		,Phys. Rev. E, 2019 (Communicated)		2019

**Dr. Vishal Singh**

Name of the author (s) (main author then co-author)	Article/Research paper/Book Chapter/Any other	Name of Publisher	Name of the magazine /Journal/ Book	ISSN/ ISBN. No.	Year of Publication
Ajay Singh, Shivani Suri, Parveen Kumar, Balwinder Kaur, A.K.Thakur, Vishal Singh	Effect of temperature and frequency on electrical properties of multiferroic lead titanate and strontium hexaferrite(PbTiO ₃ and SrFe ₁₂ O ₁₉)		Journal of Alloys and Compounds, 764, 599, 2018		2018
Bharat Singh, Naresh Kumar, Vishal Singh, Ravinder Tickoo, N K Gaur, Ajay Singh	Structural and Magnetic Investigations of Yb Substituted Y _{1-x} Y _x BaCo ₄ O ₇ (0 ≤ x ≤ 0.5) compound"	Taylor and francis	Integrated Ferroelectric	1058-4587	2019

Dr. Tanuj Kumar

Name of the author (s) (main author then co-author)	Article/Research paper/Book Chapter/Any other	Name of Publisher	Name of the magazine /Journal/ Book	ISSN /ISBN. No.	Year of Publication
Monika Saini, S. K. Singh, Rajni Shukla, and Tanuj Deswal	Silver nanoparticles embedded polyaniline/Mg _{0.5} Cu _{0.5} Fe ₂ O ₄ co re-shell nanocomposite for EMI shielding	AIP	AIP Conference Proceedings 2006, 030033 (2018); https://doi.org/10.1063/1.5051289		2018
Ratnesh K. Pandey, Shikha Awasthi, Tanuj Kumar, and Avinash C. Pandey	Size and strain analysis of CaF ₂ thin films	AIP	AIP Conference Proceedings 2006, 030042 (2018); https://doi.org/10.1063/1.5051289		2018
Jyoti, Shachi Pachauri, and Tanuj Kumar	Propagation of solitary waves in a magnetized inhomogeneous dusty plasmas: Effect of recombination,	AIP	AIP Conference Proceedings 2006, 030024 (2018); https://doi.org/10.1063/1.5051289		2018



Self-organized Nanopatterning of Si (100) surface using ion beam irradiation	, Vandana, Tanuj Kumar, Jyoti, Amit Tomar, Indra Sulania, D. Kanjilal, and Shyam Kumar	AIP	AIP Conference Proceedings 2006, 030048 (2018); https://doi.org/10.1063/1.5051304		2018
Nano-patterning on Si (100) surface under specific ion irradiation environment	R. P. Yadav , Vandana, Jyoti Malik, Jyoti Yadav, A. K. Mittal and Tanuj Kumar	Cambridge	MRS Advances		2019
Al ₂ O ₃ -Water Nanofluids for Heat Transfer	Lakshita Phor, Tanuj Kumar, Monika Saini and Vinod Kumar	Cambridge	MRS Advances		2019

Dr. Pragati Kumar

Name of the author (s) (main author then co-author)	Article/Research paper/Book Chapter/Any other	Name of Publisher	Name of the magazine /Journal/ Book	ISSN/ ISBN. No.	Year of Publication
Pragati Kumar, Nupur Saxena, F. Singh, Vinay Gupta	Ion beam assisted fortification of photoconduction and photosensitivity	Elsevier	Sensors and Actuators A	0924-4247	2018
Nupur Saxena, Tania Kalsi, Prateek Uttam, Pragati Kumar	Morphological evolution in nanocrystalline CdS thin films from flowers to salt rock like structures.	Elsevier	Optical Materials	0925-3467	2018
Nupur Saxena, Pragati Kumar, and Vinay Gupta	CdS nanodroplets over silica micro balls for efficient room temperature LPG detection	Royal Society of Chemistry	Nanoscale Advances	2516-0230	2019



Dr. Pawan Kumar

Name of the author (s) (main author then co-author)	Article/Research Paper/Book Chapter/Any other	Name of Publisher	Name of the magazine /Journal/ Book	ISSN/ ISBN. No.	Year of Publication
Kumar P., Kim K.-H., Mehta P.K., Ge L., Lisak G.	Progress and challenges in electrochemical sensing of volatile organic compounds using metal-organic frameworks.	Taylor & Francis	Critical Reviews of Environmental Science & Technology (In Press)		2019
Azzouz A., Kailasa S. K., Kumar P., Ballesteros E., Kim K.-H	Advances in functional nanomaterial-based electrochemical techniques for screening of endocrine disrupting chemicals in various sample matrices	Elsevier	Trends in Analytical Chemistry (In Press)		2019
Yen Thi Tran, Jechan Lee, Pawan Kumar, Ki-Hyun Kim, Sang Soo Lee	Natural zeolite and its application in concrete composite production	Elsevier	Composite Part B - Engineering 165, 354-364		2019
Singh J., Dutta T., Kim K.-H., Rawat M., Samddar P., Kumar P.	'Green' synthesis of metals and their oxide nanoparticles: Applications for environmental remediation.	Springer Nature	Journal of Nanobiotechnology 16, 84		2019
Kumar P., Kim K.-H., Saneja A., Wang B., Kukkar M.	Biological hierarchically structured porous materials (Bio-HSPMs) for biomedical applications. volatile organic compounds.	Elsevier	Journal of Porous Materials, 3, 655-675		2018
Kumar Vanish, Pawan Kumar, Anastasia Pournara, Kowsalya Vellingiri, and Ki-Hyun Kim	Nanomaterials for the sensing of narcotics: challenges and opportunities	Elsevier	TrAC Trends in Analytical Chemistry, 106, 84-115		2018
Sang-Hee Jo , Min-Hee Lee , Ki-Hyun Kima, Pawan Kumar	Characterization and flux assessment of airborne phthalates released from polyvinyl	Elsevier	Environmental Research 165 (2018) 81-90		2018



	chloride consumer goods				
Kumar Vikrant, Suresh Kumar Kailasa, Daniel C.W. Tsang, Sang Soo Lee, Pawan Kumar,	Biofiltration of hydrogen sulfide: Trends and challenges	Elsevier	Journal of Cleaner Production, 2018, 187 131-147		2018
Liu B., Vellingiri K., Jo S.-H., Kumar P., Ok Y.S., Kim K.-H.	Recent advances in controlled modification on the size and morphology of metal-organic frameworks (MOFs)	Springer	Nano Research. 1-27		2018

12. DETAILS OF RESEARCH PROJECTS

A. Details of Research projects (New Project Since March, 2019)

Name of the Project Investigator and co-investigator	Title of the Research Project	Funding Agency	Tenure of the Project	Major Research Project/ Minor Research Project	Status	
					Ongoing	Date of Completion
Dr. Pawan Kumar	Application of water-stable metal organic frameworks (WMOF) for the detection of odorants and emerging pollutants/pesticides in wastewater (SERB Project file no. ECR/2018/001716)"	SREB	3 years	Major	Ongoing	1-04-2022

B. Details of Research projects (Ongoing/completed)

Name of the Project Investigator and co-investigator	Title of the Research Project	Funding Agency	Tenure of the project	Major research project/ Minor research project	Status	
					Ongoing	Date of completion
Dr. Vishal Singh	Development of multiferroic thin films for spintronic applications	UGC	2 years	Major	Ongoing	2-12-2019



Dr. Vishal Singh	Development of bio-metal organic frameworks (BMOFs) as a novel multipurpose capturing system for natural/hazardous/fuel gases funding	2 Year	Central University of Jammu, Jammu	Minor-Project Cost: 200000/-	Approved in 2017	Approved
Dr. Pragati Kumar	Synthesis and Characterization of undoped/doped nanostructures	Central University of Jammu, Jammu	2 Year	2 Lakhs	Completed	08/03/2019
Dr. Pragati Kumar	Ion beam induced modification of luminescence activators doped CdS thin films.	IUAC, New Delhi	3 Year	6 Lakhs		31/03/2020
Dr. Pragati Kumar	Development of Nanostructures based Optical Sensors	UGC, New Delhi	2 Year	10 Lakhs		21/02/2019
Dr. Pawan Kumar	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)	Empowerment And Equity Opportunities For Excellence in Science by Science and Engineering Research Board, New Delhi	4 Year	Major (Project Cost: 50,200/-)	Ongoing	31/3/2021
Dr. Pawan Kumar	'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 Duration :	2 Year	Minor - Project Cost : 10,00,000/-	Ongoing	2/4/2019

13. Placement (2018-19)

- Mr. Ranjit Sika and Ms. Priya Jasrotia selected as PhD student at department of Nanosciences and Materials, CUJ.
- Mr. Loknath registered for PhD at IIT, Indore



DEPARTMENT OF HUMAN RESOURCE MANAGEMENT & ORGANIZATIONAL BEHAVIOUR

1. ABOUT THE DEPARTMENT

The department believes in preparing the students to approach business situations and solve them in the way established corporations do. Learning happens both inside and outside the classroom, hence, technology plays a big part in the core culture, and so does global exposure, project management, critical reasoning, and business communication skills. Department of MBA (HRM) lays emphasis on all this through experiential learning opportunities, internship, course assignments, industry-academia interactions and other industry-driven projects.

2. MAJOR ACHIEVEMENTS DURING THE YEAR

- Two students have qualified UGC NET 2019
- Excellent track records of placements during 2018-19

3. MONTH WISE REPORT ON INTERNATIONAL, NATIONAL SEMINARS/ OTHER EVENT HELD IN DEPARTMENT.

National Seminar on “Consumer Protection and Welfare” from 1st-2nd May, 2019

School of Business Studies, Central University of Jammu Organized a National Seminar on Consumer Protection and Welfare (1st-2nd May, 2019) under the guidance of Honorable Vice Chancellor Prof. Ashok Aima. The two days seminar aimed at creating a platform for knowledge dissemination and discussion among academicians, scholars, trade professionals, enforcement agencies and other stake holders from across the region and the nation. The conference formed an intellectual pool receiving more than 50 research papers from researchers and scholars. The Seminar also witnessed panel discussions on the thematic areas with panelists and delegates from length and breadth of the country.

Capacity Building Workshop on Consumer Welfare and Protection, 3 4 May 2019

Capacity building workshop on Consumer Welfare and Protection was organized by the department of human resource and organizational behavior on 3-4 May 2019. The workshop was an extension of the project sanctioned by the ministry of consumer affairs to Dr. Gowhar Rasool, Assistant Professor, Department of HRM and OB. The workshop attended by representatives from CAPD, legal meteorology, faculty and scholars from various universities and colleges in the region



focused on grievance redressed mechanisms using e-platforms. Some of the major deliverables of the workshop included consumer and markets, liberalization and globalization of markets with the concept of consumers, e-commerce with reference to Indian market, GST, etc. The resource persons for the workshop included DSP S.Y. Kichloo, Mr. Amit Sharma, KAS, Prof. Amitabh Kundu, RIS, New Delhi, A.A. Jaiswal from IIM Ahmedabad.

National conference on “Destination Branding and Competitive Positioning” from 6th -8th September, 2018.

The three days conference aimed to bring together professionals in the industry, policy makers, academicians and scholars from across the country to promote dialogue, discussion and discourse on intrinsic nuances of destination branding. The conference formed an intellectual pool receiving more than 50 research papers and delegates coming from length and breadth of the country including Rajasthan, Haryana, Karnataka, Hyderabad, Tamil Nadu, Himachal Pradesh, Goa, Meghalaya and Kashmir. In these three consecutive days, the delegates debated, discussed and formed constructive suggestions on various thematic areas.

Leadership through Sports Programme, Phase II

Phase II of the International Collaborative Project on “Leadership through Sports Program for Jammu and Kashmir” under Programme organized by Ball State University, Muncie, Indiana, USA was conducted in collaboration with Department of HR & OB, School of Business Studies, Central University of Jammu. During the project, Ball State University, Indiana, initiated a one month virtual mentoring program between American Sports Mentor/ Coaches and participant coaches from three regions of the state. The trainers from US shared their best practices on how to win sports and leadership programme in under privileged communities.

Swachh Bharat Abhiyan

As a part of initiative of Ministry of Tourism, Govt. of India, Swachhta Action Plan, IITM Gwalior, a Ministry of Tourism Institute, organized Swachh Bharat Swachh Paryatan initiative in Jammu. The first programme was conducted in January 2019 in Fauji Public School, Rahya Suchaini, wherein an awareness drive was conducted and over 400 students took the Swachhta Pledge. A documentary to sensitize the students was also shown which was followed by a quiz session. Prizes were also distributed to motivate the students. Dr. Neelika Arora acted as a key resource person for the same. A similar program was conducted in February 2019, where Dr. Jaya Bhasin and Shri Manjeet Singh were the key resource persons for the students at Bhargawa School, Bagla, Rahya Suchaini.



4. MONTH WISE REPORT ON EXTENSION LECTURE SERIES HELD IN DEPARTMENT.

- **Interactive session by Dr.Mohd. Naveed Khan, AMU on Research Methodology on 10/09/2018.**

Research methodology is the specific procedures or techniques used to identify, select, process, and analyze information about a topic. In a research paper, the methodology section allows the reader to critically evaluate a study's overall validity and reliability. Furthermore, he shared about the sampling techniques, sample size, data analysis. He also spared some time on that how to publish paper in good journals.

- **Interactive session by Dr.Mohd. Naveed Khan, Associate Professor, AMU on Consumer Behaviour on 10/09/2018.**

Dr. Naveed Khan, interacted with the students in which he share how individual customers, groups or organizations select, buy, use, and dispose ideas, goods, and services to satisfy their needs and wants. It will help them to make more sense of behavior they see around them and put it into a wider context. The main motive of the guest lecture was to enrich the students with the knowledge behavior

5. MONTH WISE REPORT ON AWARENESS PROGRAMME ORGANIZED BY DEPARTMENT.

To sensitize the young students about the upcoming vocations like tourism, retail management, banking & finance and other career avenues, Dr. Varun Abrol and Mr. Manjeet Singh conducted a drive in the schools adjoining the villages of Rahya Suchani. The students were also apprised of various vocational programs offered by the Central University of Jammu and the admission process for the same.

6. DETAILS OF FIELD TRIPS/INDUSTRIAL VISIT/ EDUCATIONAL VISIT.

Students of MBA 4th and 2nd semester and students B Voc Retail Management have under taken live projects with Big Bazar, Pantaloons, Brand Factory. The On the Job Training was of one week duration where the students were exposed to different domains of retail sector.

7. FACULTY ACHIEVEMENT DURING 2018-2019.

Dr. Gowhar Rasool got Fellowship from National University of Singapore

8. SEMINAR, WORKSHOP AND CONFERENCE ATTENDED BY THE FACULTY (2018-2019).

- Dr. Jaya Bhasin attended National Seminar and Capacity Building Workshop on Consumer Protection And Welfare organized by the School of Business studies, Central University of Jammu..
- Dr. Neelika Arora, attended National Seminar and Capacity Building Workshop on Consumer



Protection and Welfare organized by the School of Business studies, Central University of Jammu.

- Dr. Neelika Arora attended Faculty Development programme organized by Central University of Jammu.
- Dr. Shahid Mushtaq, attended National Seminar and Capacity Building Workshop on Consumer Protection and Welfare organized by the School of Business studies, Central University of Jammu.
- Dr. Shahid Mushtaq attended Faculty Development programme organized by Central University of Jammu.
- Ms. Anjali Pathania attended National Seminar and Capacity Building Workshop on Consumer Protection and Welfare organized by the School of Business studies, Central University of Jammu.
- Mr. Asif Ali, attended ICRICS-2019 conference organized by the Department of Computer Science, Central University of Jammu.
- Mr. Asif Ali attended National Seminar and Capacity Building Workshop on Consumer Protection and Welfare organized by the School of Business studies, Central University of Jammu.
- Dr. Gowhar Rasool attended National Seminar and Capacity Building Workshop on Consumer Protection and Welfare organized by the School of Business studies, Central University of Jammu.
- Dr. Gowhar Rasool, attended 2 weeks workshop on Experimental Methods in National University of Singapore.
- Dr. Varun Abrol attended National Seminar and Capacity Building Workshop on Consumer Protection And Welfare organized by the School of Business studies, Central University of Jammu.
- Dr. Varun Abrol Presented paper on “Impact of Psychological Capital on Tourism Entrepreneurs: A Theoretical Perspective” in International seminar conducted by School of Hospitality and Tourism, University of Jammu.
- Dr. Varun Abrol Presented paper on “Understanding Student's Acceptance of E-Learning Systems: Using Technology Acceptance Model” in national seminar conducted by School of Business Studies, Central University of Jammu.

9. FACULTY PUBLICATIONS.

- Pathania, A. & Rasool, G.(2019). Investigating power styles and behavioural compliance for effective hospital administration, International Journal of Healthcare quality assurance, Emerald publications.
- Ali, A. & Bhasin, J. (2019). Understanding Customer repurchase Intention in E-Commerce: Role of Perceived Price, Delivery Quality and Perceived Value, Jindal journal of Business research, Sage (Scopus).
- Ali, A & Bhasin, J.(2019) . Entrepreneurial Intentions in Millennials, International Journal of Management, Technology And Engineering,



- Ali, A & Bhasin, J. (2019). A Model of Information Systems Interventions for e-Learning: An Empirical Analysis of Information System interventions in e-Learner Perceived Satisfaction, Lecture Notes in Electric Engineering, Springer.
- Ali, A & Bhasin, J. (2018) Understanding Students Acceptance of e-Learning Systems: Using Technology Acceptance Model, Researcher, Jammu University.
- N Arora, N Dhiman (2018) Role Of Work Engagement In Predicting Organizational Citizenship Behaviour Among School Teachers , Gurukul Business Review-Gbr. gkv.ac.in.
- N Dhiman, N Arora (2018) Exploring the Relationship of Psycap and Turnover Intentions: A Study among Health Professionals, - Amity Business Review.
- N Dhiman, N Arora (2018) Adoption of E-recruitment Mobile Apps: A Study Based on UTAUT2 Framework , Journal of Organisation and Human Behaviour.

10. DETAILS OF RESEARCH PROJECTS.

- Dr. Gowhar Rasool got the project “Field Mapping and Consumer Protection and Welfare under Ministry of Consumer Affairs, Government of India worth 31.25 Lacs.



THE YOGA CENTRE

The Yoga Centre, Central University of Jammu is headed by Dr. D.L. Choudhary.

1. VISION

The Vision of the Centre is to develop overall personality of an individual through Yoga.

2. MISSION

The Yoga Centre in line with the vision statement provides facility for meditation and development of spiritual quotient. It creates a stress free environment which helps in development of human resources. For the purpose of attaining the above aim the objective of the Centre are as follows:

- The Centre shall always strive to stride forward and keep pace with the changing needs and spirit of the time by taking care of the health of society.
- 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.
- The Centre shall spare no effort to continue its academic potential by providing quality infrastructure and facility to upgrade the knowledge of the students and Teachers in the field of Yoga.

3. EVENTS AND BEST PRACTICES

- The entire University has been made tobacco free through initiative of both the teachers and administrative staff and this has definitely created a positive impact in the department.
- The Centre had planted many plants around the department and also planted around 50 different plants around the academic block.
- One Year P.G. Diploma in Yoga was started in the month of August, 2018.

4. EVENTS ORGANISED :

Central Council for Research in Yoga and Naturopathy (Ministry of AYUSH) Govt. of India, New Delhi had given a target of organizing One (01) month Yoga Camp commencing from 21st May to 21st June, 2018. In this direction, The Yoga Centre, Central University of Jammu organized One Month Free Yoga Camps covering about 2500 students, NGOs and Social Organizations. The common Yoga Protocol was followed while undertaking Yoga Asanas, Pranayama and Meditation sessions. The event have been rewarded through still photography and videography. The list of participants has also been prepared camp wise.



A series of camps were organised after inaugural function of the camp from 21st May, 2018. The inaugural session of Free Yoga Camps was inaugurated by Hon'ble Vice Chancellor Prof. Ashok Aima in Central University of Jammu, Rahya-Suchani, Bagla. Those who graced the occasion included Academic Coordinator Central University of Jammu Prof. Lokesh K Verma, Registrar Dr. Ravi Kumar, Prof. Deepsheekha Kotwal, Head Dept. of English, Dr. Govind Singh Inakhiya, Head Dept. of Mass Communication and New Media, Dr. Deepak Pathania, Head Dept. of Environmental Sciences and Dean Students Welfare, Dr. Jaya Bhasin, Head Dept. of Human Resource Management and Organisational Behaviour, Dr. Pankaj Mehta, Assistant Professor, Dept. of Environmental Sciences, Dr. Ritu Bakshi, Asst. Prof. Dept. of Education and other faculty members.

The guest faculty who conducted the camps includes Sh. S.K. Jain, Ms Renu Thaper, Ms Ranjana Verma, Sh. I.D. Soni, Sh. Lal Singh Nag, Sh. Sanjeev Kumar. About 160 students took part in the Yoga Camps on 21st May, 2018 held at different locations i.e. Central University of Jammu, Kendriya Vidyalaya, Central University of Jammu, Rahya and Govt. Degree College, Samba. Different Asanas, Pranayaam, Meditation as per the Common Yoga Protocol were performed by the Yoga teachers. At the end of the programme, light refreshment was served to all those who performed and participated in the camp.

5. INTERNATIONAL DAY OF YOGA- 21ST JUNE, 2018

4th International Day of Yoga was celebrated by Central University of Jammu at Temporary Academic Block, Sainik Colony, Jammu on 21st June, 2018. Month long free Yoga camps were concluded in the light of International Day of Yoga. Dr. Devinder Kumar Manyal, former Minister for Health and Medical Education, J&K Govt. was Chief Guest in the function. Prof. Indu Aima, former Director IMPA, was Guest of Honour and Dr. Ravi Kumar, Registrar, Central University of Jammu presided over the proceedings of the programme.

6. INAUGURATION OF ONE YEAR P. G. DIPLOMA IN YOGA

The classes for One Year P. G. Diploma in Yoga were started on 3rd August, 2018 at TAB, Central University of Jammu. The total number of students who sought admission in this course was 26 in numbers. There were five (05) papers which include four (04) theory papers and one (01) practical paper. The Guest faculty who conducted the classes includes the following:

1. Mr. S. K. Jain
2. Dr. Shambu Ram
3. Dr. Konika Bhagat
4. Dr. Manoj Chalotra
5. Dr. Meena Bharti

**7. PRACTICAL EXAMINATION**

The practical examination of the aforesaid course was conducted on 19th December, 2018.

8. THEORY EXAMINATION

The theory examination of One Year P. G. Diploma in Yoga was conducted w.e.f. 21st December, 2018.

9. Yogic Tour

Highlights of the Yogic tour of the students of One Year P. G. Diploma in Yoga was undertaken to the following places:-

1. Nav Devi
2. Sulaman Park,
3. Shiyad Baba,
4. Salal Hydroelectric Project
5. Highest Railway Bridge (Chenab Bridge), Distt. Reasi, J&K, India on 20th October, 2018.

10. COMBINED COMPETITIVE COACHING CLASSES:

The Coaching for Combined Competitive Examination (KAS Preliminary) was started on 6th August, 2018 at TAB, Central University of Jammu. 55 candidates which includes SC /ST /OBC / Minorities and General Category have been enrolled for coaching purposes. It was free coaching for aforesaid categories except General category students.

The detail of the Guest Faculty as under:

1. Ms Rupali
2. Mr. Nasir Khan
3. Mr. Jagteshwar Singh
4. Ms. Preeti Sharma
5. Mr. Shakun

Out of 55 students, 10 students qualified for Preliminary Examination. The Coaching for the aforesaid examination is a regular feature of the Central University of Jammu.



CENTRE FOR MOLECULAR BIOLOGY

1. ABOUT THE DEPARTMENT

The Centre for Molecular Biology aims at carrying out research in the basic as well as applied biological sciences and use this knowledge to advance our understanding of the biological world and help to improve human health. Our mission is to create a highly competitive research and teaching environment that will help students as well faculty members to excel in this field of biological science. The teaching fraternity of this centre is committed collectively and individually to achieving the above goals and to maintain the highest standard of teaching and research. The objectives of the Centre are to conduct high quality basic research and training in frontier areas of modern biology, and promote centralized facilities for new and modern techniques in the interdisciplinary areas of biology.

2. MAJOR ACHIEVEMENT DURING THE YEAR

- Extra-mural funded project 6 (six) (UGC 2, SERB 3, ICMR 1)
- Intra-mural funded project 02 (CUJammu)

3. INTERNATIONAL, NATIONAL SEMINARS/WORKSHOPS/OTHER:

- Celebration of February 28, 2018, National Science Day
- Celebration of 9th April 2018, World Health Day

4. EMINENT LECTURE SERIES

- Lecture delivered by Prof. DK Pandya, Dean Admin, IIT Jammu on “Material Science”.
- Lecture delivered by Prof RS Sangwan, Director, AcSIR, New Delhi on National Science day.

5. AWARENESS PROGRAMME

- Organised Cancer prevention related programme

6. MEMORANDUMS OF UNDERSTANDING SIGNED:

- The Memorandums of Understanding (MoU) was signed between Centre for Molecular Biology, CU, Jammu and IIIIM Jammu on 20th July, 2017.

7. ORIENTATION PROGRAMMES ATTENDED BY FACULTY MEMBERS:

- All the faculty members attended four week General Orientation Program from 6 December 2017 to 6 January 2018, organized by Faculty Induction and Development Cell (FIDC), Central University of Jammu



- Dr AK Yadav, Dr PK Mehta and Dr S. Sehgal attended two week (108 Hrs) Refresher Program from 25 May 2018 to 7 June 2018 organized by Faculty Induction and Development Cell (FIDC), Central University of Jammu in collaboration with UGC-SWAYAM Cell.
- Attended One week National Workshop on “Animal Cell Culture” from 08.05.18 to 14.05.18, 2018 organised by Faculty Development Centre (UGC-Human Resource Development Centre) Guru Nanak Dev University, Amritsar, Punjab

8. FACULTY ACHIEVEMENTS DURING 2018-19

Dr Ashok Kumar Yadav

- Received CRG-SERB Research Project (Rs. 55.0 Lakhs) on the title “Surface Expression of Glucagon like Peptide-1 on Indigenous Probiotic Lactobacillus for Management of Type 2 Diabetes”
- Received ECRA-SERB Research Project (Rs. 37.0 Lakhs) on title “Cell Surface Display of Divalent Hsbp-OmpA Protein on Indigenous Probiotic Lactobacillus to Counter Gut Pathogens Helicobacter pylori and Salmonella typhimurium”
- Received UGC-Start-up Research Project (Rs. 10.0 Lakhs) on title “Comparative Gut Microbiome Profiling of Colorectal Cancer Patients and Healthy Human Gut of Jammu & Kashmir Population”
- Published a paper on Adhesion of Lactobacilli and their anti infectivity potential. Critic. Rev. Food Sc. Nutri.57(10):20422056.
- 3rd Prize in Oral Presentation in product development on the title “Designer probiotic for human health” National Conference-cum-Industry Academia Meet 2018, CSIR-IIIM, Jammu.
- Session Co-Chaired in National Conference-cum-Industry Academia Meet 2018, CSIR-IIIM, Jammu.
- Book Chapter: PK Mehta, AK Yadav, D Kumar "Food Science and Technology" Nova Biomedical, New York. 2018

Dr Audesh Kumar Bhat

- Received UGC-Start-up Research Project (Rs. 10.0 Lakhs) on the title “Understanding the Role of DNA Polymerase Zeta (Pol) in Cancer and Onset of Chemoresistance in Most Prevalent Gastrointestinal Cancers in Jammu and Kashmir region”
- Published a paper in Life Science Journal entitled “Pharmacological evaluation of Novel PKR inhibitor indirubin-3-hydrazone in-vitro in cardiac myocytes and in-vivo in wistar rats”. (2018) PMID: 30076923
- Published a paper in Fundamental and Clinical Pharmacology entitled “Imoxin Attenuates High Fructose Induced Oxidative Stress and Apoptosis in Renal Epithelial Cell via Downregulation of PKR Pathway.” 2018, 32(3):297-305.



- 2nd Prize in poster presentation. 43rd Annual Conference of Indian Society of Human Genetics 2018, CCMB, Hyderabad.

Dr. Praveen Kumar Mehta

- Received ECRA- SERB major project (Rs. 50.0 Lakhs) titled “Microbial Isolation and Screening for Acyltransferase Activity on Amides for the Production of Industrially Important Hydroxamic Acids from Thermal Springs of Northern India”.
- Published a book chapter entitled “Secondary Metabolites from Microorganisms” Nova Science Publisher 2018: 153-179.
- Published a research article “Volatile Constituents of Jambolan (Syzygium cumini L.) Fruits at Three Maturation Stages and Optimization of HS-SPME GC-MS Method Using a Central Composite Design” Food Anal. Methods (2018) 11:733749. Methods.

Dr. Shelly Sehgal

- Published a research paper entitled “Epidemiology and Genotypes of Hepatitis C virus: A First study from J&K, India” in Journal of Gastrointestinal Infections.
- Participated in Four week General Orientation Program from 6th Dec'2017- 6th Jan'2018, organized by Faculty Induction and Development Cell (FIDC), Central University of Jammu
- Participated in One Week National Workshop on “Animal Cell Culture” from 8th May'2018-14th May'2018 organized by Faculty Development Centre (UGC-Human Resource Development Centre) Guru Nanak Dev University, Amritsar, Punjab.
- Participated in Two weeks (108 Hrs) Refresher Program from 25th May'2018 - 7th June 2018 organized by Faculty Induction and Development Cell (FIDC), Central University of Jammu in collaboration with UGC-SWAYAM Cell.
- Co-supervised dissertation work of one student pursuing PG Diploma (Bioinformatics, University of Jammu).
- Served as External Examiner (Theory and Practical) in University of Jammu and SKUAST.

9. OTHER RELEVANT INFORMATION

- 2nd Prize in poster presentation. 43rd Annual Conference of Indian Society of Human Genetics 2018, CCMB, Hyderabad.
- 3rd Prize in oral presentation in product development on title “Designer probiotic for human health” National conference-cum-Industry Academia meet 2018, CSIR-IIIM, Jammu.



10. SEMINARS WORKSHOP AND CONFERENCES ATTENDED BY THE FACULTY

Dr Ashok Kumar Yadav

National Conference-cum-Industry Academia meet 2018	National	13-14 September 2018	CSIR-IIIM, Jammu	Co-Chaired Session	-
National Conference-cum-Industry Academia meet 2018	National	13-14 September 2018	CSIR-IIIM, Jammu	Speaker	Designer Probiotic for Human Health

Dr. Praveen Kumar Mehta

National conference-cum-Industry Academia meet 2018	National	13-14 September 2018	CSIR-IIIM, Jammu	Co-Chaired a Session	-
National conference-cum-Industry Academia meet 2018	National	13-14 September 2018	CSIR-IIIM, Jammu	Speaker	"Volatile Compounds Identified from Jenipapo Fruit Using SPME/GC-MS Method"

11. FACULTY PUBLICATION

- Published a paper in Life Science journal entitled "Pharmacological evaluation of novel PKR inhibitor indirubin-3-hydrazone in-vitro in cardiac myocytes and in-vivo in wistar rats". (2018) PMID: 30076923
- Published a paper in Fundamental and Clinical Pharmacology entitled "Imoxin attenuates high fructose induced oxidative stress and apoptosis in renal epithelial cell via downregulation of PKR Pathway." 2018, 32(3):297-305.
- Mehta PK; Galvo M S; Soares A C; Nogueira J P; Narain N. (2018). "Volatile Constituents of Jambolan (Syzygium cumini L.) Fruits at Three Maturation Stages and Optimization of HS-SPME GC-MS Method Using a Central Composite Design" Food Anal. Methods (2018) 11:733749. Methods.
- Kumar P; Kim-K; Mehta PK; Lisak, LG. (2019). "Progress and Challenges in Electrochemical sensing of Volatile Organic Compounds Using Metal-Organic Frameworks. Crit. Rev. Env. Sci. Tec. DOI:10.1080/10643389.2019.1601489.



CENTRE FOR COMPARATIVE RELIGIONS AND CIVILIZATIONS

1. COMMENCEMENT OF PH. D. PROGRAMME

The Centre has inaugurated the Ph. D. Programme with the admission of two research scholars namely; Sohail Quyoom and Ridhima Sharma for the Academic Year 2018 19.

2. COMMENCEMENT OF INTER DISCIPLINARY COURSES

The Centre offered two IDC courses titled Comparative Religions for the third semester and Ethics for the fourth semester. Eighty eight students registered for the Ethics course.

3. CELEBRATION OF WORLD PHILOSOPHY DAY

The Centre organized the Indian Council for Philosophical Research (ICPR) sponsored World Philosophy Day Celebration on the theme of Philosophy of Man and Environment on 19th November 2018 at Central University of Jammu

4. CONFERENCE/SEMINAR/WORKSHOP ORGANISED

Peace Building Workshop

A local consultation on Youth, Peace and Security Agenda of United Nations was held at the Central University of Jammu, Samba, from March 13 to March 14, 2019. The consultation was organized by The Centre for Comparative Religions and Civilizations, Central University of Jammu in collaboration with Daffodils Project.

5. LECTURES ORGANISED

☐ **“Know Your Country and its Culture“ Lecture Series**

- The Centre organized a lecture on the theme 'Contribution of Indian Literature to the World Thought'. The lecture was delivered by Professor Neerja A. Gupta , Director of Study Abroad Program and Diaspora Studies, Gujarat University on 27th of July, 2018.
- The Centre organized a lecture on the theme 'Exploring Heritage without Vision'. The lecture was delivered by Ar. Kavita Murugkar , Associate professor, B N college of architecture, University of Pune on 23rd of October 2018.
- The Centre organized a lecture on the theme 'Individual Freedom and Ethics in the Religious Traditions with Special Reference to Saiva Siddhanta and Vaishnavism'. The lecture was delivered by Dr. Murugesan A., Assistant Professor of Centre for Comparative Religions and Civilizations , Central University of Jammu on 05th of February, 2019.



- The Centre organized a lecture on the theme 'Value Education'. The lecture was delivered by Professor Govind Prasad Sharma, Chairman, National Book Trust (NBT), Delhi on 26th of March, 2019.

“SAMVAD” LECTURE SERIES

- The Centre organized a lecture on the theme 'Nomadism and Modernity: Bakarwal's in Context'. The lecture was delivered by Mr. Bhat Iqball Majeed, Assistant Professor, Department of Social Work, Central University of Jammu on 1st of August 2018.
- The Centre organized a lecture on the theme 'Kashmir Rishi Tradition- Nund: The Rishi'. The lecture was delivered by Professor G M Khawaja alias Zaffar, Centre for Comparative Religions and Civilizations, Central University of Jammu on 11th of September 2018.
- The Centre organized a lecture on the theme 'Human body and Mysticism: A study of selected Lala Vakha's'. The lecture was delivered by Mr. Jameel Ahmed, Research Scholar, Department of English, Central University of Jammu on 27th of September 2018.
- The Centre organized a lecture on the theme 'Questioning the Well-being in the Realm of 'SPACE''. The lecture was delivered by Dr. Ranbir Singh, Assistant Professor, Department of Social Work, Central University of Jammu on 1st of November 2018.
- The Centre organized a lecture on the theme 'Science and Sprituality. The lecture was delivered by Mr. Kulkarni Shashank Dattatray, Research Scholar, Department of Public Policy and Administration, Central University of Jammu on 25th of January 2019.

PUBLICATION OF BOOK

The Centre published the translation of Pratibhijnahridayam from Sanskrit to Kashmiri language by Prof. G. M. Khawaja and it was released on 13th May 2019.

6. FACULTY ACTIVITIES

1. PROF. G. M. KHAWAJA

i) Presented Research Papers and Book Review

- Presented a research paper on Karaikkal Ammai and Lal Ded (Two Female Poets belonging to different Cultures): A Comparative Study in the International Seminar organized by the Department of Saiva Siddhanta, University of Madras, Chennai on the theme „Saivism through the Ages“, 04th to 06th March 2018.
- Presented research paper on Nund The Rishi in the Committee Room, Main Building, Central University of Jammu on 10th September 2018.



- Book Review on Kashmiri Paath of Srimad Bhagavat Gita organized by Sampriti, Jammu on 11th October 2018
- Presented a research paper on Kashmiri Rishi Tradition and Environment in the World Philosophy Day celebration at the Centre for Comparative Religions and Civilizations, Central University of Jammu, on 19th November 2018

ii) Invited Lecture

- Delivered lecture on Kashmir Mystical Thought in the Kirubananda Variyar Endowment Lecture, organized by the Department of Saiva Siddhanta, University of Madras, Chennai on 06th March 2018.

iii) Participated Workshop

- Participated in fifteen days, "Fourth Level Workshop on Kashmir Saivism", organized by Indian Council for Philosophical Research (ICPR), at Academic Centre, Lucknow, 14th Feb - 28th Feb 2018.

2. MR. AJAY KUMAR SINGH

- Singh A.K., "Science in Jain Canonical Literature", Bharatiya Manyapra, Ahmedabad 2018, pp 7-12, ISSN 23218444
- Singh A.K., " Universal Consciousness in the Epical Writings of Ashwaghosh " Universal message in Buddhist Hybrid Sanskrit Literature, Rashtriya Sanskrit Sansthan, Dev Prayag ,2018, pp.... , ISBN 978938627214

i) Presented Papers

- A Research Paper on "Comparative Analysis of Buddhist and Christian Ethics " presented in the 18th Annual Conference of Indian Society of Buddhist Studies Jointly organized by ISBS, ICHR and ICPR at Kalyani University, WB (India) from 28th -30th September 2018.

ii) Workshop

- Participated in One day NPTEL awareness workshop organized by IIT Kanpur at Central University of Jammu at Jammu on 3rd December 2018.
- Participated in five Days workshop on "e-Suraksha" organized by Department of CSIT, Central University of Jammu at Jammu from 10th December - 14th December 2018.
- Participated in One Days workshop on "Communication Skills Required in Teaching" organized by Faculty Development Cell(FDC), SMVDU, Katra on 15th December 2018.



- Ajay Kumar Singh, Assistant Professor of the Centre has participated in Seven Days Certificate Course in Book Publishing, Jointly organized by National Book Trust (NBT), Delhi and Central University of Jammu at Jammu from 25th March 2019 -31st March 2019.

iii) Chairperson

- Moderator Cum Co-Chair of one of the technical session of Three Days 18th Annual Conference of Indian Society of Buddhist Studies Jointly organized by ISBS, ICHR and ICPR at University of Kalyani, W.B. (India) from 28th -30th September 2018.

iv) Convener

- Convened Two lectures of Know Your Country and Its Culture Lecture Series on 27th July 2018 and 23rd October 2018 at Central University of Jammu.
- Convened Four lectures of Samvad Lecture Series on 1st August 2018, 11th September 2018, 27 September 2018 and 1st November 2018 at Central University of Jammu.

v) Awards And Honours

- Mr. Ajay Kumar Singh, Assistant Professor and Coordinator of the Centre has received Gold Medal by Mahatma Gandhi Ananturstriya Hindi Vishwavidyalaya, Wardha on 15th October, 2018.
- Mr. Ajay Kumar Singh, Assistant Professor and Coordinator of the Centre has nominated as UGC Swayam Mentor on 11th May 2018 by the Honorable Vice-Chancellor of the Central University of Jammu.
- Mr. Ajay Kumar Singh, Assistant Professor and Coordinator of the Centre was nominated as Coordinator of the Seminar of the Indian Council of Philosophical Research (ICPR) by the Honorable Chairman and Member Secretary of ICPR on 14th August 2018.
- Mr. Ajay Kumar Singh, Assistant Professor and Coordinator of the Centre was nominated as Assistant Dean Students Welfare of the Central University of Jammu on 31st October 2018 by the Honorable Vice-Chancellor of the Central University of Jammu.

3. DR. MURUGESAN A

i) Published Research Papers

- Published a series of research paper on “ Religious View on Environment and it's Protection: Special Reference to Saiva Siddhanta” Artland, Vol. XXVII, No. 01-03, Jan-Mar 2018, pp. 13-15, Reg. No. 50860/90.



- Published research paper on "The Divinity and Humanity of Jesus Christ in the Writings of Vengal Chakkarai," International Journal of Innovative Knowledge Concepts, Vol. 6, No. 03, March 2018, pp. 01 04, ISSN 2454-2415.
- Published research paper on "Individual Freedom and Ethics in Saiva Siddhanta and Christianity: A Comparative Analytical Study on Social Values," International Journal of Innovative Knowledge Concepts, Vol. 6, No. 05, May 2018, pp. 82 87, ISSN 2454-2415.
- Published research paper on "Vaishnavism: An Introduction," Pataliputra Journal of Indology, Vol. 3, Issue 2, August 2018, pp. 70 74, ISSN 2320-351x.
- Published a research paper on "Vaishnavism: An Introduction," Pataliputra Journal of Indology, Vol. 3, Issue 2, August 2018, pp. 70 74, ISSN 2320-351x.
- Published a research paper on "An Introduction to Shakta Tradition," Pataliputra Journal of Indology, Vol. 3, Issue 3, November 2018, pp. 01 05, ISSN 2320-351x.
- Published a research paper on "The History and Centers of Jainism in Tamil Nadu," Pataliputra Journal of Indology, Vol. 4, Issue 1, March 2019, pp. 22 26, ISSN 2320-351x.

ii) Presented Research Papers

- Presented a research paper on Saivism in Vedas and Upanishads in the International Seminar on "Saivism through the Ages" in connection with the Celebration of 160th Year Post Diamond Jubilee Year of University of Madras, organized by the Department of Saiva Siddhanta on 04th March 2018.
- Presented a research paper on Human and Environment in the Philosophy of Jainism and Christianity in the World Philosophy Day celebration at the Centre for Comparative Religions and Civilizations, Central University of Jammu, on 19th November 2018.

iii) Invited Lectures

- Delivered lecture on Contemporary Religious View on Religious Fundamentalism, Peace and Harmony at the Department of Defence and Strategic Studies, University of Madras, Chepauk, Chennai, on 05th March 2018.
- Delivered lecture on Saiva Movements in the Ancient India in the Kirubananda Variyar Endowment Lecture, organized by the Department of Saiva Siddhanta, University of Madras, Chennai on 06th March 2018.
- Delivered an extension lecture on Need and Relevance of Professional Ethics for Teacher



Educators at the Department of Educational Studies for the first semester students of M. Ed. Programme on 07th September 2018.

- Delivered a lecture on The Importance and Relevance of Nai Talim of Mahatma Gandhiji in the Workshop sponsored by Mahatma Gandhi National Council for Rural Education under MHRD, organized by the Department of Education, University of Jammu on 23rd December 2018.
- Delivered a lecture on Individual Freedom and Ethics in the Religious Traditions with Special Reference to Saiva Siddhanta and Vaishnavism under the lecture series of Know Your Country and It's Culture on 05th Feb 2019 at CCRC, Central University of Jammu.

iv) Participations

- Participated in the General Orientation Course (GOC) organized by the School of Education under Pandit Madan Mohan Malviya National Mission on Teaching and Training (PMMMNTT) in collaboration with Faculty Induction Development Cell (FIDC), Central University of Jammu in line with provisions of UGC-HRDC held from 06th December 2017 to 08th January 2018.
- Participated in a one day Workshop on “NAAC Assessment and Accreditation Awareness Programme,” organized by Directorate of Internal Quality Assurance, University of Jammu in collaboration with Central University of Jammu and supported by NAAC, Bengaluru at University of Jammu on 27th August 2018.

4. CONVENER OF THE WORLD PHISLOPHY DAY

- Convened the Indian Council for Philosophical Research (ICPR) sponsored World Philosophy Day Celebration on the theme of Philosophy of Man and Environemnt, 19th Novemeber 2018 at Central Univerity of Jammu.



SWAMI VIVEKANANDA CHAIR

ABOUT THE CHAIR

The University Grant Commission has formulated the Scheme of Chairs in the name of Nobel Laureates and illustrious persons (who have born either as Indian Citizens or of an Indian Origin) whose contribution towards mankind have greatly been acknowledged at global level. Swami Vivekananda stands amongst such greatest figures whose vast knowledge of eastern and western culture mesmerised the western world especially American .

The auspicious seat of Swami Vivekananda Chair was sanctioned in Central University of Jammu by the University Grant Commission in March 2015 for a period of Five Years. It gives us immense pleasure to announce that Central University of Jammu is amongst the first five out of total 53 Central Universities of this country where seat of Swami Vivekananda has been established. Presently, Professor Vivek Kumar (newly appointed) is holding this seat since 18 Sep 2018, vice Professor Sudesh Kumar Sharma who earlier held this seat for a short duration from 16 May 2016 to 08 April 2018.

The main objective for functioning of this seat is to facilitate various research studies focussing on the life and Philosophy of Swami Vivekananda and their Relevance in Contemporary Time. The mandate of Chair is “Governance and Ethics” with specific emphasis on propagation of Teachings of Swami Vivekananda. To meet the expenses for carrying out the objectives of the Chair the total financial grant of Rs. 45 lakhs has so far been granted by the University Grant Commission in two instalments.

The details of major activities carried out by the Chair in the University Campus are as under.

- **On 31st October, 2018,** organized a lecture on Vallabh Bhai Patel on “**Rashtriya Ekta Diwas**” which was attended by Faculty, Administrative Staff members and Students of the university.
- **On 18th December, 2018,** A lecture was organized on the eve of “**Vijay Diwas**” i.e., 16 December by the Chair Swami Vivekananda. Brigadier Suchet Singh, a war veteran of 1971 Indo-Pak war, was the Chief Guest of the event. The lecture was attended by the Faculty, Officers, Staff and students of the university.
- **On 22nd December, 2018,** The Chair organised an event on “**GOOD GOVERNANCE DAY**” in university campus which was followed by Open Discussion with participation of students and Faculty members.



- **On 11th January, 2019, The Birth Anniversary of Swami Vivekananda** was celebrated with great zeal in the university campus under the aegis of Swami Vivekananda Chair. Followed by welcome address, a small skit on the life of Swami Vivekananda was played in an impressive way. The programme was attended by a large number of students and with display of vivid types of programmes the whole event became colourful. Professor HS Bedi, The Chancellor of Universities, was the chief guest on the occasion. Shri Kuldeep Chand Agnihotri, Vice Chancellor Central University of Himachal Pradesh, Dharamshala was the Chief and Shri Ashwani Kumar Churango, President Punnun Kashmir were other distinguished guests who also shared their thoughts. Professor Ashok Aima, Vice Chancellor Central University of Jammu presided over the function. The day long programme culminated with the thanks address from Dr. Vivek Kumar, Professor Swami Vivekananda Chair.
- **On 14-03-2019, The chair celebrated "INTERNATIONAL WOMEN DAY"** in the University Campus with major participation of students. A small skit was played by students on the theme of Women's Empowerment.
- From time to time, The chair professor actively participated in various seminars, organised by the other departments of this University, and also delivered lectures on the teachings and vision of Swami Vivekananda.



CULTURAL & OTHER ACTIVITIES

1. On the occasion of celebration of “Matribhasha Diwas” on 21st February, 2018, a guest lecture along with an interactive session with the objective to highlight the linguistic and cultural diversity of the country was organized, in which the students participated in the discussion on the related issues. On this occasion, a competitive essay writing programme for the students from different Departments was also organized in the main campus at Bagla (Distt. Samba) of the University, in which students secured first, second, third and consolation positions.
2. The Office of Dean Students' Welfare organized an “Awareness Programme in collaboration with personnel from Reserve Bank of India” on 27th February, 2018 on 'Banking Ombudsman Scheme'. The RBI personnel made students and faculty aware about the scheme and various related issues. An interactive session was also held with the faculty and the students.
3. The Central University of Jammu organized Students' Annual Cultural Fest 'UDDAN'- 2018 w.e.f 11th April to 13th April, 2018. It was inaugurated by Prof. Ashok Aima, Hon'ble Vice Chancellor, Central University of Jammu. The students from various Departments enthusiastically participated in fourteen different cultural events. On the concluding day of the fest; Chief Guest Hon'ble Vice Chancellor, University of Jammu, Prof. R.D. Sharma blessed the students with his motivating words and distributed the certificates along with Prof. Ashok Aima, Hon'ble Vice Chancellor, Central University of Jammu.
4. The students of Central University of Jammu bagged three awards in the two events they participated in “HIMSPARK; An Annual Cultural Programme” organized by Central University of Himachal Pradesh on 24th and 25th of April, 2018. The participation of students in this cultural programme was co-ordinated by Ms Archana Kumari, Mr. Manish Prakash, both Assistant Professors in the Dept. of Mass Communication and New Media and Ms. Dolma, Assistant Professor in the Department of Social Work Central University of Jammu. Ms. Vandita and Mr. Nitish Bhardwaj from the Department of Mass Communication and New Media won the titles of Ms Personality and Mr. Personality respectively in the Fashion Show whereas the group of girls including Namneet Kour, Kanika Bandral, Arti Thakur, Sonali Sharma, Neha Choudhary, Shallu, Neha, Sonam Singh, Azra Khan, Meenakshi Sumbria and Manisha Andotra; all from Social Work department bagged the title of best dance.



5. The Office of Dean Students' Welfare organized a "VANMOHATSAV" drive on 29th July, 2018 in collaboration with J&K Social Forestry Department, Jammu. In this drive about 3000 plants were planted all over the university campus. The main motto behind the event of Vanmohatsav was to plant more and more trees and to create awareness among the youth about the vital role that environment play in our life.
6. Swachh Bharat Internship Programme 2018: (1st September to 15th September, 2018)
 - a) Total number of enrolled students in the university is 1173 for academic session 2017-18.
 - b) Registration details for Swachh Bharat Internship Programme from Central University of Jammu under CENTRAL UNIVERSITY OF JAMMU-NSS #79954:
 - c) 70 per cent of the registered students are Girls.
 - d) A Committee has been constituted to effectively implement the Swachh Bharat Internship Programme 2018 in the university under the Nodal Officer.
 - e) The following activities are finalised for the Internship, which starts from 27 July Monday 2018. The internship is for 100hrs.

Awareness Campaigns

- Nukkad Nataks/ Street Plays/ Swachhata-related Folk Song/ Dance performances, etc.
 - Conducting Village or School-level Rallies
 - Wall Paintings on public walls and government buildings (Panchayat Ghar)
 - Organizing movie screenings (Swachh Bharat Mission (Gramin) movies : <http://tinyurl.com/sbmgramin>)
 - Waste Collection Drives (households/ common or shared spaces)
 - Segregation of solid waste into non-biodegradable and biodegradable waste
 - Development of Compost Pits
 - Street Cleaning, Drain Cleaning, Cleaning of back alleys
 - Campus cleaning
- f) All participants will be given a Swachh Bharat Internship Certificate on completion of their internship and its approval by the University.
 - g) Two curriculum credits will be given to interns whose internship reports are found eligible to get credits by parent institution.
 - h) The Best 3 interns/ teams will be recognized at College, University, State and National levels.
 - i) All students will prepare a detailed report of their internship and the same shall be uploaded into the SBSI website.



- j) The CUJ has committed to the cause of 'Clean India Campaign' and it has been engaging the student community in the Swachhta Pakhwara in the past. (a detailed report is enclosed).
7. “One day Induction Programme” for the newly admitted students for the session-2018 is organized by office of Dean Student's Welfare DSW's office on 8th Aug, 2018. The welcome address was given by Prof. Deepak Pathania (DSW). The Chief Guest in this programme was Prof. Ashok Aima, Honourable Vice Chancellor, Central University of Jammu. The Honourable Vice Chancellor Sir further blessed the students with his motivating words for their future. The Programme was concluded with vote of thanks by Prof. B. S. Bhau.
8. The one day “Surgical Strike Day” event was observed by Office of the Dean Student's Welfare on 28th September, 2018 in honour of armed national forces for their sacrifices for the nation.
9. “VIGILANCE AWARENESS WEEK” programme w.e.f from 29th October, to 02rd November, 2018 for one week was organized by the office of Dean Student's Welfare DSW's. The welcome address was given by Prof. Deepak Pathania (DSW). The programme comprised with the following events:
- The first day i.e., on 29/10/2018 included the Integrity Pledge by all employees and distribution of pamphlets on “Vigilance Activities”.
 - The second day (30/10/2018) started with the visit of students and faculty of the university to different Schools/Colleges for creating awareness on the ill-effects of corruption.
 - The third day (31/10/2018) involved various competitions on issues relating to Anti- corruption.
 - On the fourth day (01-11-2018) a workshop on the topic “Vigilance Awareness” was organised for the students and employees of the University.
 - On the same day, University website was also uploaded on Vigilance Awareness and work on email of Integrity pledge to vendors, suppliers, students, and stake holders' etc was done.
10. The Office of Dean Students' Welfare organized a “One Day Introductory talk on Stress Management” on 11th Dec, 2018 in collaboration with “Art of Living Organization”. The talk is inaugurated by Honourable Vice Chancellor Prof. Ashok Aima, Central University of Jammu. The talk is helped the students and faculty members in order to manage the stress in the present scenario of life.



11. The office of the Dean Student's Welfare, Central University of Jammu observed "Swami Vivekananda-Birth Anniversary" on 10th of January, 2019. The programme was inaugurated with a drama presented by "KALAKAAR", Academy of Jammu.

Eminent Educationists and thinkers were present in the event. They presented their views and opinions about the relevance of the thoughts of Swami Vivekananda in the present global context. In his presidential address, the special guests of the programme, Prof. Harmohinder Singh Bedi, Chancellor, Central University of Himachal Pradesh, mentioned that the slogan of "BHARAT MATA KI JAI" was actually proposed by Swami Vivekananda during his visit to Ganga Arti at Banaras. He further added that Swami Vivekananda wrote about one thousand letters, out of which seventy-seven letters were published and fifty-one letters were written to sister Nivedita in which he used to conclude with Wahe Guru.

He also disclosed that Swami Vivekananda stayed in Lahore for 21 days and also at Jammu during his visit to Kashmir.

The Programme was concluded with the Vote of Thanks presented by Prof. Vivek Kumar, Chairperson Swami Vivekananda.

12. A "Cultural Programme" organized by Dean Students Welfare, Prof. Deepak Pathania and his team on 23rd March, 2019 in the Central University of Jammu auditorium on the Importance of National Patriotism with emphasis on Partitions.

- The cultural skit was performed by Viraj Kala Kendra, Jammu artists under the direction of Sh. Rajnish Gupta. The performances reminded the audiences about the wounds created during the partition happened in 1947. In the cultural skit, it was depicted that the wounds have never healed living through the terror of partition.
- The cultural skit also displayed the role of Indian defense forces which enable the country to ensure national security and national unity, defending the nation from external aggression and internal threats and maintaining peace and security within borders.
- All the students and faculty present during the event applauded the performance given by the artists of Viraj Kala Kendra.
- Prof. Ashok Aima addressed the gathering and he focused on tragedy happened during the partition and loses of the lives of the country men. After the addressing, Prof. Ashok Aima also presented the mementoes to the artists who performed cultural skit.
- Prof. N.K. Tripathi, Prof. Vivek Kumar, Dr. Sunil Dhar, Dr. Ajay Kumar Singh, Dr. Ritu Bhakshi, Dr. Sujata and other faculty members presented during the event. Dr. Aman from department of Educational Studies presented the Vote of Thanks.



13. The Central University of Jammu organized Students' Annual Cultural Fest 'UDDAN'- 2019 for two days : 10th April, 2019 and 12th April 2019. It was inaugurated by Prof. Ashok Aima, Hon'ble Vice Chancellor, Central University of Jammu. The students from various Departments enthusiastically participated in seven different cultural events. On the inaugural day of the fest;
- Prof. Deepak Pathania (DSW) said that cultural events are integral part of our social life. He lauded all the students participating in the events by adding that such events enthuse the participants with unity, team spirit and leadership skills.
 - The Hon'ble Vice Chancellor sir also blessed the students with the blessings by saying that that this is an event which provides an opportunity to the students to showcase their hidden talents to the others. Therefore, UDAAN like events encourage the students to know the better and understand others well. Further he added that such type of events bring positivity, confidence and possibility of trust amongst the students.
 - The second day was concluded with valedictory ceremony which was graced by the presence of chief guest Dr. Arvinder Singh (Secretary, Academy of Art, Culture and Languages) and Hon'ble Vice Chancellor, Prof. Ashok Aima, Central University of Jammu, blessed the students with their motivating words and distributed the certificates among the students.
14. The office of Dean Student's Welfare organized "2nd Alumni Meet" on 26th April, 2019. Dean Student's Welfare invites the entire participant as alumni in the event. Around 300 alumni were present on the occasion.
- The Prof. Manoj Dhar, Vice Chancellor, University of Jammu was the chief guests of the occasion. In his address, the chief guests extended the best wishes to the alumni for their future. On the occasion, the alumnus shares their experiences regarding their achievements and knowledge which they have acquired in the university and will give their inputs for the growth of the university. An election for CUJ Alumni Association was also convened for the key posts of Central university of Jammu.



SPORTS ACTIVITIES (AIU)

The Students of the Central University of Jammu along with Teacher Incharges have been sent to participate in various sports events (2018) organized by Association of Indian Universities (AIU); the details of which are as under:

1. Team headed by Dr Raj Thakur, Dept. of English, participated in Inter-University Table-Tenis (M) competition at University of Jammu, Jammu from 11-01-18 to 15-01-18. CUJ TT Team (Men) got the walkover for the first two matches (11 Jan- DAV. Univ. Jalandhar), (12 Jan. A.M.U. Aligarh). Lost the match (pre-quarterfinals) on 13 Jan. against Univ. Of Allahabad.
2. Sports Activities Interstate University Sports Championship, University of Jammu, 22nd -27th March, 2018). The Central University of Jammu Cricket Team (Men) along with the Team Coach (Dr. Vikas Srivastava, Assistant Professor, Dept. of Botany, central University of Jammu and Team Manager (Mr. Manjeet Singh, Assistant Professor, Dept. of TTM, Central University of Jammu) reached University of Jammu cricket ground on 22nd March 2018, to participate at the 2nd State Sports Championship organised by Directorate of Sports & Physical Education, University of Jammu, Jammu. The CUJ Cricket team had its first knock out match against NIT, Srinagar team on 22nd March, 2018 at 10.30 AM. Team CUJ put up a spirited fight but eventually lost the match and was later relieved from the tournament
3. The Central University of Jammu Basket Ball Team (Men) along with the Team Coach (Dr. Audesh Bhat) and Team Manager (Dr. Ashok Yadav, and Dr. Anjali Thapa) reached University of Jammu for the competition. The Basketball competition started on 24th March, 2018 and the CUJ team played its first match on 24th at 9:30 am. CUJ team advanced to the next round by earning pass. The CUJ basketball team played its 2nd match on 25th against Jammu University and lost the match. 3rd match was played against Kashmir University for 3rd position on 25th at 12:30 pm.
4. The Central University of Jammu Football Team (Men) along with the Team Coach (Dr. Pragati Kumar) and Team Manager (Dr. Arbind Yadav) reached University of Jammu for the competition. CUJ Football (M) team defeated SKIMS Kashmir in its First match on 22nd March, 2018 by 7-0. In its Second match against BGSBU Rajouri on 24th March 2018, the team was defeated through penalty corner shoot as in the 90 minutes of game, both the teams were levelled at score of 2-2.



5. The Central University of Jammu Volley Ball Team (Men) along with the Team Coach (Dr. Asif Ali) reached University of Jammu for the competition. Central University of Jammu participated in 2nd State Universities Sports Championship in Volleyball event which was organised by University of Jammu from 22nd to 27th March, 2018. The Central University of Jammu played its opening match with Sher-e-Kashmir University of Agriculture Science & Technology- Jammu on 22/March/2018. With tournament being played on knock out basis Central University of Jammu won its opening match with Sher-e-Kashmir University of Agriculture Science & Technology- Jammu in 5 sets (3:2) and thereby made its way to 2nd round. On 23rd of March match between Central University of Jammu and Baba Ghulam Shah Badshah University was scheduled which could not be completed because of some unavoidable circumstances. However a rematch between the two teams was played on 24/March /2018 which Baba Ghulam Shah Badshah University won in 4 sets (3:1).
6. The Central University of Jammu, along with the office of Dean Student's Welfare inaugurated the Temporary Play Ground (Sports Area) of University on 19th Sept., 2018. It was formally inaugurated by Professor Ashok Aima, the Hon'ble Vice Chancellor at 2:00 PM.
7. The Dean Student's Welfare along with the Directorate of Sports & Physical Education of Central University of Jammu, send the students of Central University of Jammu to participated Cricket (Men), Zonal Level Tournament, Directorate of Sports & Physical Education, Maharshi Dayanand University (MDU), Rohtak, Haryana on 13th Dec 17th Dec, 2018. The team Incharge was Mr. Manjeet Singh.
 - The Central University of Jammu Cricket Team (Men) along with the Team Manager (Mr. Manjeet Singh, Assistant Professor, Dept. of TTM, Central University of Jammu) reached Rohtak on 14th December 2018, to participate at the Association of Indian Universities (AIU), Zonal Level Tournament organised by Directorate of Sports & Physical Education, Maharshi Dayanand University (MDU), Rohtak, Haryana, 14th 29th December 2018.
 - The Team Manager attended the meeting convened by the organisers on 14th December 2018 at MDU, 4.30 PM to finalise the CUJ Team slot in the match fixture.



- The Same evening the team had a practice session at the ground no 1, where the scheduled matches were supposed to be take place.
 - The full dressed Cricket Team (Men) along with team manager participated in a march past with CUJ flag at the inaugurate ceremony held on 15th December 2018, 9.30 AM at Ground No 1, Opp. Gymnasium/Multipurpose Hall, Directorate of Sports & Physical Education, MDU, Rohtak.
 - The fixture was finalised and the CUJ team was given the second match of the tournament which was held on 15th December 2018 at ground no 2.
 - The CUJ Team had its first knock out match against SMVDU. Kakrayal, Katra team on 15th December 2018 at 11.30 am. Team CUJ put up a spirited fight but eventually lost the match and was later relieved from the tournament on 16th December 2018.
 - The team departed from Rothak on 16th December 2018 and reached Jammu on 17th December 2018.
8. The Dean Student's Welfare along with the Directorate of Sports & Physical Education of Central University of Jammu, organize First Sports Advisory Council meet on April, 2019, "Aimed at Promoting Sports Excellence".



HALL OF RESIDENCE

BOYS HOSTEL

Facilities Available at Boys Hostel (BHR)

- Mess facility
- Furnitures such as Beds, Study table and Steel Almirah
- Study Room
- Gymnasium
- Common Room/Indoor sports facility
- Generator facility (In case of Power shutdown)
- Medical facility
- 24-hour Ambulance Service
- Magazines, News papers (Local and National)

The total intake of the Boys Hall of Residence (BHR) is 146.

Total No. of Students	General	OBC	SC	ST	Pwd	Other Minorities	Muslims
146	70	55	10	10	Nil	06	52

GIRLS HOSTEL

Central University of Jammu is at present having three Girls' Hall of Residence with a total capacity of 150 seats. All rooms are properly ventilated. Lush green gardens make the stay in the hall of residences very pleasant.

Total Intake Capacity	Number of Students Residing in Hostels					*Out of the Total		
	Gen.	OBC	SC	ST	Total*	PwD	Muslim	Other Minority Community
150	87	24	22	14	146	0	35	2

INFRASTRUCTURE

Each room of the hall of residence is equipped with bed, table, chair, Almirah for each resident. Hall of Residence is providing Genset facility for 24x7.

RECREATION

Each Hall of Residence is providing indoor and outdoor games facilities. Indoor games like table tennis, carom and chess. Outdoor games like volleyball and badminton. Yoga classes are provided to residents in weekends.

Udaan उड़ान



Udaan उड़ान



Udaan उड़ान



Udaan उड़ान



Van Mahotsav वन महोत्सव



Medical Camp चिकित्सा शिविर



Yoga Day योग दिवस



Independence Day स्वतंत्रता दिवस





University Court

(i)	Chancellor	Shri G. Parthasarathy, Ex-Officio, Chairperson
(ii)	Vice Chancellor	Prof. Ashok Aima, Vice Chancellor, Ex-Officio -Member
(iii)	Pro-Vice Chancellor	Ex-Officio-Members
(iv)	All Deans	Ex-Officio-Members
(v)	Two members of the Executive Council to be nominated by the Executive Council.	1. Prof. H. Devraj Former Vice Chairman, University Grants Commission
		2. Prof. M.I. Haque Former Dean and Chairman D/o Business Administration, Faculty of Management Studies and Research, AMU, Aligarh.
(vi)	All Head of Departments (HoDs)	Ex-officio Members
(vii)	Dean Students' Welfare	Ex-officio Member
(viii)	Registrar	Ex-officio Member, Member Secretary
(ix)	Librarian	Ex-officio Member
(x)	Proctor	Ex-officio Member
(xi)	Controller of Examinations	Ex-officio Member
(xii)	Finance Officer	Ex-officio Member
Representatives of Teachers out of Directors/Principals/Professors		
1.	Prof. R.L. Bhat Department of Economics	
2.	Prof. S.D. Sharma Department of Mathematics	
3.	Prof. G.M. Khawaja Centre for Comparative Religion and Civilizations	



4.	Prof. Lokesh Verma Department of Educational Studies
5.	Dr. Yashwant Singh Department of Computer Sciences & IT
6.	Dr. Sunil Dhar Department of Environmental Sciences
7.	Dr. Pankaj Mehta Department of Environmental Sciences
8.	Dr. Shahid Mushtaq Department of Marketing and Supply Chain Management
Representatives of Non-Teaching Staff	
1.	Group 'A' Ms. Shafra Parihar, Deputy Registrar
2.	Group 'B' Mr. Vikas Kumar, Assistant
3.	Group 'C' Mr. Rohit Jasrotia, Lower Division Clerk
Persons representing learned Professions and Special interests	
1.	Dr. Baldev Raj Head CII Avantha Centre Former Director Indira Gandhi Centre for Atomic Research, Kalpakkam
2.	Dr. Ram Vishwakarma Director, IIIM, Jammu
3.	Prof. Pervez Mustajab Zakir Hussain College of Engineering & Technology AMU-Aligarh
4.	Shri Balwant Thakur Consultant-cum-Regional Director, Indian Council for Cultural Relations, Jammu
5.	Sh. Ashok Bhan Patron, IIPA J&K Regional Branch, Jammu, Former Director General, Jammu and Kashmir Police
6.	Prof. Anju Bhasin Vice Chancellor Cluster University of Jammu

**Nominees of the Chancellor**

1.	Prof. (Dr.) Yogesh Tyagi, Vice Chancellor, University of Delhi.
2.	Dr. R.K. Kohli, Vice Chancellor, Central University of Punjab.
<u>Alumni :</u> Ms. Sonam Angmo Assistant Professor, English, Higher Education, J&K Government <u>Student :</u> Mr. Arif Mohammad, MBA/HRM & OB.	



Executive Council

a) Vice-Chancellor;	Prof. Ashok Aima Vice Chancellor (Chairman, Ex-officio)
b) Pro Vice-Chancellor;	Vacant
c) Secretary, Department of Higher Education, MHRD, GoI or his/ her nominee not below the rank of Joint Secretary;	<i>(Member, Ex-officio)</i>
d) Chairman, UGC or his/ her nominee;	<i>(Member, Ex-officio)</i>
e) Secretary of the State Government dealing with matters relating to Higher Education;	<i>(Member, Ex-officio)</i>
f) Four persons of distinction in academics to be nominated by the Visitor; (vide MHRD F. No. 52-1/2019-CU.III dated 18.02.2019)	1. Prof. Udai Pratap Singh Professor and Head Department of Anthropology Lucknow University, Lucknow <i>(Member)</i>
	2. Dr. Vineeta Singh Professor, Department of Statistics Institute of Social Sciences Dr. B.R. Ambedkar University, Agra <i>(Member)</i>
	3. Prof. Ramdev Bharadwaj Vice Chancellor Atal Bihari Vajpayee Hindi University, Bhopal <i>(Member)</i>
	4. Prof. Sushil Kumar Gupta Professor, Division of Agroforestry, Faculty of Agriculture SKUAST-Jammu <i>(Member)</i>
g) Three eminent academicians not in the service of the University, to be nominated by the MHRD from amongst a panel recommended by the Executive Council;	1. Member <i>(Vacant)</i>
	2. Member <i>(Vacant)</i>
	3. Member <i>(Vacant)</i>



h) One member of the Court nominated by the Visitor;	Member <i>(Vacant)</i>
i) Three Deans of Schools of Studies by rotation according to seniority;	1. Prof. N.K.Tripathi Dean, School of Life Sciences <i>(Member)</i>
	2. Prof. Govind Singh Dean, School of Humanities & Social Sciences <i>(Member)</i>
	3. Prof. Jaya Bhasin Dean, School of Business Studies <i>(Member)</i>
j) One Professor, who is not a Dean, by rotation according to seniority, to be nominated by the Vice-Chancellor; and	Prof. Brijmohan Singh Bhau Head, Department of Botany <i>(Member)</i>
k) One Associate Professor who is not a Dean, by rotation according to seniority to be nominated by the Vice Chancellor;	Dr. Sunil Dhar Associate Professor, Department of Environmental Sciences <i>(Member)</i>
l) Registrar Central University of Jammu	Secretary, Ex-officio



Academic Council

(a) Vice Chancellor	Prof. Ashok Aima, Vice Chancellor (Chairman, Ex-officio)
(b) Pro-Vice Chancellor	(Member, Ex-officio)
(c) Deans of Schools of Studies	(Member, Ex-officio)
(d) Dean of Students Welfare	(Member, Ex-officio)
(e) Proctor (Member, Ex-officio)	(Member, Ex-officio)
(f) Librarian (Member, Ex-officio)	(Member, Ex-officio)
(g) One member of the Court from amongst the elected members of the Court to be nominated by the Court	-----
(h) Ten Heads of teaching departments on the basis of seniority and rotation to be nominated by the Vice Chancellor	1. Prof. Brij Mohan Singh Bhau Head, Deptt. of Botony
	2. Dr. Yashwant Singh Head, Deptt. of Computer Sciences and IT
	3. Dr. Ajay Kumar Sharma Head, Deptt. of Mathematics
	4. Dr. Dharmendra Singh Head, Deptt. of Educational Studies
	5. Dr. V. Sridharan Head, Deptt. of Chemistry & Chemical Sciences
	6. Dr. Gaurav Sehgal Head, Deptt. of Marketing & Supply Chain
	7. Dr. Vinay Kumar Head, Deptt. of Physics & Astronomical Sciences
	8. Dr. Anil Kumar Thakur Head, Deptt. of Nano Science & Materials
	9. Vacant
	10. Vacant



(i) Five Directors of Centres, if any, on the basis of seniority and rotation, to be nominated by the Vice Chancellor	1. Centre for Comparative Religion & Civilizations
	2. Centre for Molecular Biology
	3. Vacant
	4. Vacant
	5. Vacant
(j) Two Professors, who are not Deans of Schools of Studies or Heads of the Departments/Centres and are not members of the Executive Council, from each School, on the basis of seniority and rotation, to be nominated by the Vice Chancellor.	1. Vacant
	2. Vacant
(k) Two Associate Professor, who are not covered in (c), (d) and (e) above, or not Heads of the Departments or not Directors of Centres or who are not members of the Executive Council, by rotation according to seniority, to be appointed by the Vice Chancellor.	1. Dr. Sunil Dhar Associate Professor Deptt. of Environmental Sciences
	2. Vacant
(l) Two Assistant Professor, who are not members of the Executive Council, by rotation according to seniority, to be appointed by the Vice Chancellor.	1. Dr. Pavinder Singh Deptt. of Mathematics
	2. Dr. Neelika Arora Deptt. of HRM & OB
(m) Ten persons, not in the service of the University, co-opted by the Academic Council for their special knowledge in educational progress, development and industry linkage.	1. Prof. Mohammad Miyan Former Member, UGC Former Vice Chancellor, Maulana Azad National Open University
	2. Prof. Manoj Dhar Vice Chancellor, University of Jammu



	<p>3. Prof. Sushma Yadav Vice Chancellor, Bhagat Phool Singh Mahila Vishwavidyalaya Khanpur Kalan, Haryana</p>
	<p>4. Prof. Manoj Gaur Director, IIT, Jammu</p>
	<p>5. Prof. R.N.K. Bamzai Former Vice Chancellor, Sri Mata Vaishno Devi University & School of Life Sciences Jawaharlal Nehru University, New Delhi</p>
	<p>6. Prof. Pulian B. Nayak Former Chairman, Department of Economics, Delhi School of Economics, University of Delhi</p>
	<p>7. Prof. Ashok Ogra Director, Apeejay School of Mass Communication, New Delhi</p>
	<p>8. Prof. S.K. Sharma Former Dean, Faculty of Law Former Head, Department of Law University of Jammu</p>
	<p>9. Prof. Ramesh Chander Head, Department of Mathematics University of Jammu</p>
	<p>10. Sh. Dhananjay Singh Director General - National HRD Network</p>
<p>(n) Registrar, Central University of Jammu</p>	<p>Secretary, Ex-officio</p>



Finance Committee

a)	Vice-Chancellor	Prof. Ashok Aima , Vice Chancellor (Chairman, Ex-officio)
b)	Pro-Vice-Chancellor	-----
c)	One Person nominated by Court	i) Dr. Ashok Bhan Patron, IIPA J&K Regional Branch, Jammu Former Director General Jammu & Kashmir Police (Court Member)
d)	Three Persons nominated by Executive Council, out of whom at least one shall be a member of the Executive Council.	i) Prof. Amitabh Mattoo Centre for International Politics, Organization and Disarmament, Jawaharlal Nehru University, New Mehrauli Road, New Delhi 110067 (Executive Council Member)
		ii) Prof. A.M. Pathan Former Vice-Chancellor Central University of Karnataka 75/4, Ranoji Rao Road Basvangudi, Bangalore-560004
		iii) Prof. Jai Prakash Sharma Department of Commerce (Faculty of Commerce & Business) Delhi School of Economics University of Delhi, Delhi-110007
e)	Three persons to be nominated by the Visitor	i) Joint Secretary and Financial Advisor, MHRD, or his/her nominee from Finance Bureau (dealing with CUs), MHRD not below the level of Under Secretary.
		ii) Joint Secretary (CU), MHRD or his/her nominee not below the level of Under Secretary from Administrative Bureau.
		iii) Joint Secretary (CU), UGC, or any other officer not below the level of Under Secretary nominated by the Chairman, UGC.
f)	Finance Officer	Secretary (Ex-officio)



IMPORTANCE COMMITTEES AND CELLS

A. GRIEVANCE REDRESSAL COMMITTEE FOR NON-TEACHING EMPLOYEES AND FOR STUDENTS:

The University has separate Grievance Redressal Committee for Non-Teaching employees and for students. The Committee is empowered to accept and consider written complaints and petitions in respect of matters directly affecting them individually or as a group; inquire into the grievances and make recommendations and report to concerned authorities; or otherwise.

B. SC/ST/OBC/PWD CELL:

The University is implementing the reservation policy as per Govt. of India and UGC Guidelines, 2006 (for Strict Implementation of Reservation policy of Government of India in Universities) for SC/ST/OBC/PwD in appointments. In line with guidelines, the University has nominated Liaison Officer for SC/ST, OBC and PwD. The University has set up SC/ST/PwD Cell and OBC Cell to look after the issues of the candidates of the community / category related to Admission, Employment and other Grievances.

THE FOLLOWING ACTIVITIES /MEETINGS HAVE BEEN CONDUCTED UNDER SC/ST CELL AT CENTRAL UNIVERSITY OF JAMMU.

1. Category certificate verifications of students have been done at the time of admissions of all the departments of the university.
2. Queries during admissions regarding SC/ST seats available were resolved on spot.
3. Time to time Admission committees/Recruitment committees has been formulated and revised to ensure the presence of SC/ST representative in every committee.
4. Time to time meetings have been conducted on University Roster.
5. Meeting has also been conducted for incorporation of Economically Weaker Section (EWS) in the University Roster.

Data for Annual Report from the period of 01st April 2018 to 31st March 2019

C. ADVISORY COMMITTEE:

In pursuance of the UGC Guidelines, 2006 for Strict Implementation of Reservation Policy of Government of India in Universities, Central University of Jammu has established an Advisory Committee with Vice-Chancellor as its Chairperson. The Committee reviews the implementation of reservation policy in admission and capacity building programme for SC/ST for their successful passing in the examinations.



D. SENSITIZATION, PREVENTION AND REDRESSAL OF SEXUAL HARASSMENT (SPARSH):

The University is committed to create a conducive workplace environment, for its employees, faculties, students and research scholars which is free from any form of sexual harassment.

SPARSH (Sensitization, Prevention and Redressal of Sexual Harassment) is functioning at Central University of Jammu with Apex Body of SPARSH (ABS) and UCC (University Complaints Committee). It is actively engaged in organizing various activities including Sensitization Programme and Counselling. Women Empowerment has been taken into consideration at each step. SAKSHAM an event for physical development and Yoga for faculties, research scholars and student is one such step. Yoga and physical development is also taken care of at the University. UBIC (University Business Incubation Centre) established at CUJ organized special events for Women Empowerment. Also, as an outreach activity entrepreneurial workshop for female artisans from Jammu Region was organized in the University.

HIRING OF MANPOWER THROUGH OUTSOURCE:

The University is having sanctioned strength of 175 person to engaged through outsource for security, cleaning, gardening, housekeeping, hostels, guest house etc.

E. APPOINTMENT / ENGAGEMENT:

Non Teaching:

The Administration Branch has undertaken the following steps for recruitment of Administrative (Non-teaching) employees of the University.

During 2018 2019:

- i. The University advertised Employment Notification No. 17 dated 22.09.2016, Notification No. 18 dated 08.02.2017 and Notification No. 19 dated 10th March, 2017 for filling up various administrative posts.
- ii. The process of following Non-teaching appointments were made by the Central University of Jammu during 2016-17:
 - Executive Engineer 01 (UR)
 - Information Scientist - 01 (UR)
 - System Analyst - 01 (UR)
 - Assistant Engineer - 01 (UR)
 - Nurse - 01 (UR)



- Private Secretary - 02 {01 UR, 01 PwD (OH)}
- Hindi Translator - 01 (UR)
- Senior Technical Assistant (Laboratory) - 01 (UR)
- Senior Technical Assistant (Computer) - 01 (UR)
- Technical Assistant (Computer) 01 (UR)
- Professional Assistant (Library) 01 (UR)
- Professional Assistant 01 (UR)
- Junior Engineer (Civil) 01 (UR)
- Junior Engineer (Electrical) 01 (UR)
- Semi Professional Assistant 01 (UR)
- Pharmacist 01 (UR)
- Security Inspector 01 (UR)
- Security Inspector 01 (UR)
- Upper Division Clerk 02 {01 UR, 01 PwD (HH)}
- Library Assistant 01 (UR)
- Kitchen Attendant 02 (UR)
- Hostel Attendant 02 (UR)
- Library Attendant 05 {03 UR, 01 PwD (VH), 01 OBC}
- Laboratory Attendant 01 (UR)

APPOINTMENT/ENGAGEMENT(2018-19)

A. Teaching

a. Professor (Tenure Basis)

1. The engagement of tenure of Prof. Govind Singh, Professor (on deputation) in the Department of Mass Communication and New Media has been extended vide letter No. CUJ/Estab.T/Prof-07/2016/218-223 dated 30.01.2019 for a period of six months w.e.f. 09.12.2018.
2. The period of engagement was extended on tenure basis for six months of the following : i) Prof. S.D. Sharma, Dept. of Mathematics; ii) Prof. N.K. Tripathi, Dept. of Zoology; iii) Prof. L.K.Verma, Dept. of Educational Studies; iv) Prof. S.K.Khosa, Dept. of Physics and Astronomical Sciences. v) Prof. Deepsheekha Kotwal, Dept. of English; vi) Prof. R.L. Bhat, Dept. of Economics



b. Associate Professor(Tenure/Contract/Deputation Basis)

1. The engagement of Dr. Gaurav Sehgal, Associate Professor (on deputation) in the Department of HRM&OB has been extended vide letter No. CUJ/Estab.T/Deput-04/146-153 dated 18.01.2019 for a period of six months w.e.f. 01.01.2019.
2. The engagement of tenure of Dr. Anil Kumar Thakur Associate Professor (on contract) has been extended vide letter No. CUJ/Estab.T/T.F.-12/2017/190-194 dated 23.01.2019 further upto 30.05.2019.

c. Guest faculty

1. The following guest faculty members were engaged for one year PG Diploma in Yoga for session 2018-19 i) Mr. S.K. Jain, ii) Dr. Shambu Ram, iii) Dr. Konika Bhagat and iv) Dr. Meena Bhart order issued vide No. CUJ/Estab.T-11/2018/564-569 dated 14.03.2019
2. Dr. Surya Dev Singh, Retd. Associate Professor of Chemistry has been engaged as guest faculty in the Department of Chemistry for five years integrated M.Sc. Programmes, order issued vide No. Cuj/Estab.T-11/2018/211-216 dated 30.01.2019.

d. Assistant Professor (Contractual Basis)

The following Assistant Professor(s) were engaged on contractual basis for various Departments:

S. No.	Name	Department
1.	Mr. Jeet Singh	Dept. of English
2.	Ms. Yangchan Dolma	Dept. of Social Work
3.	Mr. Rabinder Singh	Dept. of TTM
4.	Dr. Atul Yadav	Dept. of Physics & Astronomical Sciences
5.	Dr. Rajni Khajuria	Dept. of Chemistry & Chemical Sciences
6.	Dr. Ajay Kumar	Dept. of Botany
7.	Dr. Poonam Sharma	Dept. of TTM
8.	Dr. Shveta Saroop	Dept. of Botany
9.	Dr. Paul Sugandhar	Dept. of NSS
10.	Dr. Nirmal Singh	Dept. of Zoology
11.	Mr. Rajesh Kumar	Dept. of Economics
12.	Dr. Poonam	Dept. of Zoology
13.	Dr. Sumeet Kumar Sharma	Dept. of Mathematics
14.	Dr. Varun Abrol	B.Voc-Retail Management
15.	Mr. Manjeet	B.Voc-Tourism Management



HEALTH CENTRE

1. FUNCTIONING OF HEALTH CENTRE:-

University health centre functions from 9:30am to 5:30 on all working days.

Medical officers and paramedical staff are on call 24x7 on all days for hostels to deal with any emergency.

Staff Availability:-

01	Medical Officers	2
02	Staff Nurse	1
03	Pharmacist	1
04	Medical Attendant Cum Dresser	1
05	Office Attendant (out sourced Basis)	1

Above staff is presently providing medical cover to students, staff and employees of university.

Health Centre has two ambulances, one is stationed 24x7 at hostel and other is attached at health centre at main campus.

Medicines and other health facilities are provided free of cost to students and employees.

During the corresponding year (2018-2019) health centre was upgraded to five bedded health centre from one bedded.

2. FACILITIES:-

1	ECG
2	Ambulance (24x7)
3	Patient Cardiac Monitor
4	Oxygen (cylinders and oxygen concentrator)
5	First Aid in injuries including dressing, sutures, lv infusion etc.

3. ACTIVITIES:-

Biannual check up of students of KV, CUJ was conducted.

Monthly sanitation rounds of canteen and campus conducted.

OPDS Total number of patients attended health centre was 4359

Two more hospitals were empanelled during the said period.

4. DETAILS OF EXPENDITURE FOR THE YEAR (2018-2019)

A. Capital Expenditure:-

Hospital beds, side screen and drip stands : Rs. 1,10,330 (one lac, ten thousand three hundred thirty only).

**B. Recurring Expenditure:- (Consumables, Medicine, Surgical Items etc)**

Total Rs. 2,12,367 (Two Lac Twelve Thousand Three Hundred Sixty Seven Only)

Total Expenditure (A+B) ---- Rs. 322697

ENGINEERING & ESTATES

A. BUILDING COMMITTEE

There are total of 02 meetings of University Building Committee of the Central University of Jammu commenced in the year 2018-19. The details of the meetings are as given below:-

- 1) 14th meeting of the Building Committee was held on 26/10/2018 in the Conference Hall of Central University of Jammu
- 2) 15th meeting of the Building Committee was held on 27/12/2018 in the Conference Hall of Central University of Jammu

FOLLOWING WERE THE MAIN DECISIONS TAKEN DURING THE ABOVE SAID MEETINGS:-

- 1) The TAB at Sainik Colony was vacated by 31st of May 2018 and the remaining departments shifted to Bagla for which, space in the Administrative cum Academic Building has been created by shifting the Finance, Administration and Examination wings to the Guest House comprising of 24 rooms which shall save rent of Rs. 12,74,400/- per month for CUJ.
- 2) Central Water Receiving Station (CWRS), Elevated Water Storage (EWS)-1 & 2 is completed, the CUJ now have a water storage capacity of nearly 26.88 Lakh litres which is sufficient to cater to the water requirement of the university.
- 3) The PMC (M/s EPIL) have terminated the contract of M/s Anil Kumar & Co. (AKC), contractor for the execution of external electrification works and the part balance works pertaining to ESS-1 & ESS-2 & 03 No. CSS have given to M/s Civicon Hi-Tech Pvt Ltd. For Rs. 5.36 Cr. by the PMC at the risk and cost of M/s AKC.
- 4) Construction of 100 bedded Hospital of Yoga & Naturopathy for Central University of Jammu by the Ministry of AYUSH, Govt. of India.
- 5) 5 Acres of land for proposed Kendriya Vidyalaya Sangathan infrastructure and 10 Acres of land for proposed 100 bedded hospital of Yoga and Naturopathy in the Master Layout Plan of the university
- 6) The 100 bedded Boys Hostel is nearly complete and shall be handed over to CUJ by 30/09/2019 and asked for providing water & electricity connections. The Executive Engineer, CUJ informed that the process in this regard has been initiated.
- 7) Regarding basic amenities to be provided by the State Government, the Executive Engineer, CUJ informed that at present, there is no further progress in the work already executed so far due to



lack of funds with the respective executing departments.

CUJ is pursuing the matter with the state government and the MHRD.

- 8) The CUJ and J&K Bank are coming together to establish branch of J&K Bank in the university campus at Bagla which is the leading bank of the State and also that the bank shall be meeting the entire expenses towards construction cost. This shall facilitate extension of all kinds of modern banking services to the students and to the university populace.
- 9) The committee resolved to accord 4th extension of time to M/s EPIL upto 31/03/2019 which shall not have a bearing on the decision of CUJ to levy Liquidated damages/penalty on the PMC for the delay, if any, attributable to the PMC.
- 10) Construction of "Satish Dhawan Centre for Space Science" in University Campus at Bagla having approx. cost of Rs. 5.00 Cr..
- 11) The construction of a Store for a cost of Rs. 7.20 Lacs (approx.) subject to the condition that it's location does not interfere with the University's Master Layout Plan.
- 12) Creation of temporary/dismantable laboratories for Deptt. of Physics and Deptt. of Chemistry departments by covering the balconies of the respective Quarters for an approx. cost of Rs. 20.00 Lacs without disturbing the basic structure.

B. INFRASTRUCTURE DEVELOPMENT AT THE CAMPUS SITE VILLAGE BAGLA, SAMBA.

S.No.	Name of The Work	Name of Agency	Estimated/Allotted Cost	Progress Till Date	
				Financial	Physical
1.	Construction of Residential blds for faculty, Directorate of Distance Education Bldg and Gate complex for the permanent campus of Central University of Jammu Bagla	M/s Nagarjuana Const. Co.Ltd	116.29 (28.00 deferred as low priority works).Net value of contract= 88.29 Cr.)	75.94	100
2.	Construction of Road work, Bridges & Culverts and other associated works for the permanent campus of Central University of Jammu Bagla	M/s SEW Infrast. Ltd	264.98 (64.98 deferred as low priority works. Net value of contract= 200 Cr.)	195.76	99.00
3.	Part work of construction of Guest House for the permanent campus of Central University of Jammu Bagla	M/s Percept Builders	4.91	4.12	100.00
4.	Supply installation, Testing, Commissioning of 11/0.433 Kv Indoor/outdoor Electric substation & other associated external electrical works for the permanent campus of Central University of Jammu Bagla	M/s Anil Kumar & Co.	43.99 (10.20 deferred as low priority works. Net value of contract= 33.79 Cr.) Contract of M/s Anil Kumar & Co. (AKC) terminated on 08.01.18. Tenders of Balance work being invited at the risk & Cost of M/s AKC	10.28	27.12



5.	Balance work of supply, Installation, testing & Commissioning of two no. 11/0.433 KV indoor Electric Substation (ESS-1&2), 03 No. outdoor type 11/0.433 KV Compact Substation (CSS-1,2&3) and other associated external electrical works for the permanent campus of CUJ	M/s Civicon Hi-Tech Pvt. Ltd., Jammu	5.36	0.22	10.00
6.	Other Developmental Works including deep drilled tube well Water Supply & Professional Fees	--	41.53	23.08	55.57
7.	2 No100 Bedded Hostels for OBC Boys and Girls each (Partially funded by Ministry of Social Justice and Empowerment) Est. Cost 17.70	CPWD		11.01	65.00
8.	Other infrastructure including Lab, Equipments etc.			16.14	
9.	Payments made to EdCIL			0.2850	
	Total			336.83	



BALANCE SHEET AS ON 31.03.2019

Amount (in Rupees)

Sources of Funds	Schedule	Current Year	Previous Year
Corpus / Capital Fund	1	3328290313.29	4362171984.04
Designated / Earmarked / Endowment Funds	2	8275719.00	5238171.00
Current Liabilities & Provisions	3	1253288690.83	172637535.00
Total		4589854723.12	4540047690.04

Application of Funds	Schedule	Current Year	Previous Year
Fixed Assets	4		
Tangible Assets		114367719.00	97089747.00
Intangible Assets		952212.00	1025167.00
Capital Works-in-Progress		3173875854.00	3129229724.00
Investments From Earmarked / Endowment Funds	5	0.00	0.00
Long Term		0.00	0.00
Short Term		0.00	0.00
Investments – Others	6	0.00	0.00
Current Assets	7	951495473.27	1080664394.19
Loans, Advances & Deposits	8	349163464.85	232038657.85
Total		4589854723.12	4540047690.04

SIGNIFICANT ACCOUNTING POLICIES 23

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS 24

I/c Finance Officer
Central University of Jammu

Vice Chancellor
Central University of Jammu



INCOME AND EXPENDITURE ACCOUNT FOR THE PERIOD/YEAR ENDED 31.03.2019

Amount (in Rupees)

Particulars	Schedule	Current Year	Previous Year
INCOME			
Academic Receipts	9	20038730.00	9672524.00
Grants / Subsidies	10	147447000.00	331537000.00
Income from investments	11	40380428.17	70341974.00
Interest earned	12	0.00	0.00
Other Income	13	5501856.30	6574053.00
Prior Period Income	14	0.00	0.00
Total (A)		213368014.47	418125551.00
EXPENDITURE			
Staff Payments & Benefits (Establishment Expenses)	15	184659662.00	136888567.00
Academic Expenses	16	24694219.00	25116510.00
Administrative and General Expenses	17	91961944.70	86847316.00
Transportation Expenses	18	3071830.00	2667666.00
Repairs and Maintenance	19	17127224.00	11494045.00
Finance costs	20	2334.40	2329.50
Depreciation	4	12313585.00	10715566.00
Other Expenses	21	0.00	0.00
Prior Period Expenses	22	0.00	0.00
Total (B)		333830799.10	273731999.50
Balance being excess of expenditure over Income (A-B)		120462984.63	144393551.50
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		120462784.63	144393551.50

Significant Accounting Policies 23

Contingent Liabilities and Notes to Accounts 24

I/c Finance Officer
Central University of Jammu

Vice Chancellor
Central University of Jammu



RECEIPTS AND PAYMENTS ACCOUNTS FOR THE PERIOD/YEAR ENDED 31.03.2019

Amount (in Rupees)

RECEIPTS	CURRENT YEAR	PREVIOUS YEAR	PAYMENTS	CURRENT YEAR	PREVIOUS YEAR
I. Opening Balances			I. Expenses		
a) Cash Balances			a) Establishment Expenses	186269898.00	115519296.00
b) Bank Balance			b) Academic Expenses	24024309.00	6897112.00
i. In Current Accounts	13582.50	494979.00	c) Administrative Expenses	110110002.10	71872629.50
ii. In Deposit Accounts	1033577612.00	624000000.00	d) Transportation Expenses	2818514.00	9119839.00
iii. Savings Accounts	47073199.69	17051447.69	e) Repairs & Maintenance	2726935.00	710027.00
			f) Prior Period Expenses	0.00	0.00
II. Grants Received	0.00	0.00	II. Payments against Earmarked/Endowment Funds	1514759.00	1386198.00
a) From Govt. of India	262447000.00	981537000.00			
b) From State Govt.	0.00	0.00			
c) From Other Sources	0.00	0.00	From Other Sources (details)	0.00	0.00
III. Academic Receipts	12014452.00	9605286.00	III. Payments against sponsored projects/Schemes	47399119.00	52539448.00
IV. Receipts against Earmarked/Endowment Funds	4353150.00	3290707.00	IV. Receipts against sponsored Fellowships/Scholarships	0.00	0.00
V. Receipts against Sponsored Projects / Schemes	49701215.00	25764157.00	V. Investments and Deposit made	0.00	0.00
			a) Out of Earmarked/Endowment Funds	0.00	0.00
			b) Out of funds (Investments-others)	0.00	0.00
VI. Receipts against sponsored Fellowships & Scholarships	467000.00	300000.00	VI. Term Deposit with Scheduled Banks		
VII. Income on Investments from	0.00		VII. Expenditure on Fixed Assets and Capital works-in-progress		
a) Earmarked/Endowment funds	3051452.00	0.00	a) Fixed Assets	12355055.00	21692368.00
b) Other Investments	0.00	0.00	b) Capital works in-Progress (Including Advances)	114700891.00	362794622.00
VIII. Interest Received on	0.00		VIII. Other Payments including statutory payments (Repayment of Interest)	13454000.00	0.00
a) Bank Deposits	6315039.00	16357072.00			
b) Loans and Advances	0.00	0.00			
c) Savings Bank Accounts	831045.17	2070020.00			
IX. Investments encashed	0.00	0.00	IX. Refunds of Grants	0.00	0.00
X. Term Deposits with Scheduled Banks encashed	0.00	0.00	X. Deposit and Advances	2767208.00	4926861.00
XI. Other Income (including prior period income)	20422261.30	44534346.00	XI. Other Payments (CUCET)	2228195.00	0.00
XII. Deposits and Advances	17535448.00	874032.00	XII. Closing Balances	0.00	0.00
			a) Cash in hand	0.00	0.00
			b) Bank Balances	0.00	0.00
			In Current Accounts	0.00	13582.50
			In Savings Accounts	112877065.27	47073199.69
			In Deposit Accounts	838618408.00	1033577612.00
XIII. Miscellaneous Receipts incl. Statutory Receipts	7577003.71	2243748.00		0.00	0.00
XIV. Any other Receipts	6484898.00			0.00	0.00
Total	1471864358.37	1728122794.69	Total	1471864358.37	1728122794.69

I/c Finance Officer
Central University of Jammu

Vice Chancellor
Central University of Jammu