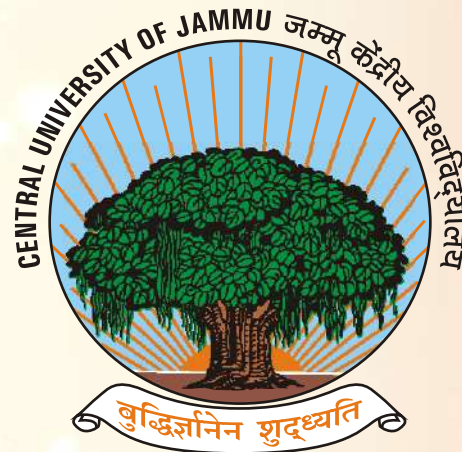




ANNUAL REPORT



2020-21

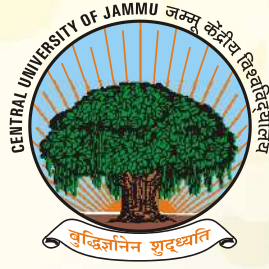


CENTRAL UNIVERSITY OF JAMMU

(Established by the Central Universities Act, 2009)

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

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

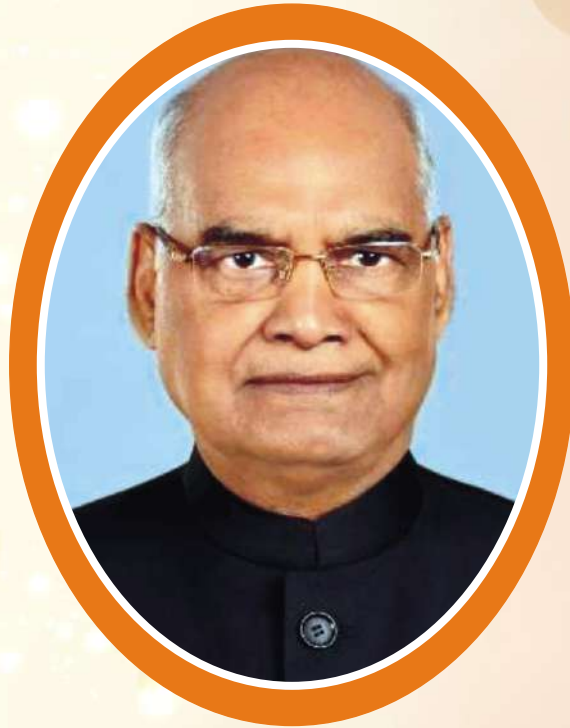


ANNUAL REPORT



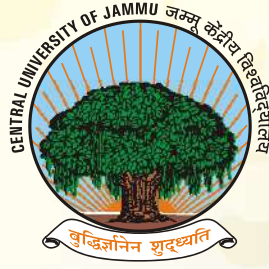
2020-21

Visitor



Shri Ram Nath Kovind

The President of India



ANNUAL REPORT



2020-21

Chancellor



Shri Gopaldaswami Parthasarthy

MESSAGE FROM THE VICE-CHANCELLOR



It is both honor and a privilege to present the 10th Annual report of Central University of Jammu, particularly in this year of diverse hues-when India is endeavoring to bounce back after COVID-19; celebrating “Azaadi Ka Amrit Mahotsav” and more significantly poised to implement the National Education Policy (NEP)-2020. Admittedly, NEP-2020 is one of the significant milestones in the history of Indian higher education system and at the threshold of such sweeping changes in educational development in the country proffered by NEP 2020, presenting the 10th Annual Report of Central University of Jammu for the session 2020-21 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 2020-21 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 54 programmes: 17 Post Graduate, 22 research oriented, 04 Five Year Integrated, and 02 Vocational types at Under-graduate level under the aegis of 20 Departments. 05 Diploma and 03 Certificate courses each is being offered by the Community College, CCRC 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 Saraswati Chair” by the UGC and

“Lalleshwari/Lal Ded Chair”.

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 55 PhDs, and 108 M.Phil degrees. 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 84 major/minor research projects of academic and social relevance are undertaken by the faculty members. The faculty members are able to 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 Textiles, 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 faculty is from all over the country who have been involved with all commitment in online teaching learning process during the present times of crisis. Many innovative proposals for increasing the educational opportunities in varied fields of specialisations as submitted by the University have been sanctioned and 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.

In the present global scenario of digital teaching-learning process, the University claims to have taken a series of digital initiatives to become paperless and cashless four years ago. Other notable activities in the years gone by have been thrust on 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 challenges and opportunities are elixir of Higher education Institution and the real catalyst and investments are goodwill and cooperation of all stakeholders; teaching faculty, scholars, students, administrative staff. I am hopeful that vision of the University will continue to be realized with the sustained of all the stakeholders. 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!



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 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.

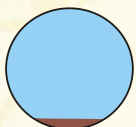
Description



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.



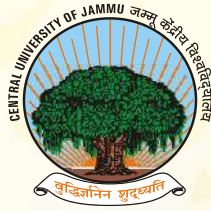
BANYAN TREE : This part of the emblem proclaims that as the Banyan Tree filters impurities to provide pure air, proliferation through its prop roots, the University intends to resonate wisdom and knowledge, leading to organised thought, discriminative faculty and self-discipline through contribution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

The 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, alongwith the Banyan Tree and the Infinite Sky, truly reflects the values, aspirations, goals and ethos of the University as it seeks to usher in an enlightened society through vibrant, learned and empowered youth to adopt new ideas and emerging trends in the modern world; eager to face the resultant changes.



MOTTO, VISION AND 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 consider these words 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 a participatory role in the affairs of the people of the surrounding areas in particular and civil society in general.

About University

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 Rahya-Suchani (Bagla), Distt-Samba, (J&K). It has been made functional by providing facilities like computer networking, furniture, furnishings and other equipment.

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

ANNUAL REPORT 2020-21



For the academic session 2020-21, admission shall be offered for all the 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. Courses in Botany, Zoology, Chemistry, Physics, M.Sc in Material Sciences & Technology, M.B.A.in Marketing Management, two research centers and 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 1GBPS. The virtual classroom setup is also in place which is connected through NKN connectivity with other academic and research institutes.

Salient 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 Masters' Degree, Masters' 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 course work of six months duration.

2. Programmes Based on Comprehensive Choice Based Credit System :

The University has adopted Choice Based Credit 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 a 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 an 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, a 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 software 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 the 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 with 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 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 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 carom 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 Examinations 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 :

• Faculty Rooms and Cabins :

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

ANNUAL REPORT 2020-21

- ***Seminar Hall :***
A 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.
- ***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.
- ***Canteen/Cafeteria :***
The University has a spacious, airy canteen where students and teaching faculty relish the neat and clean eatables prepared under hygienic conditions at its campus.
- ***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 a monthly rent basis in Jammu city to accommodate outstation students. Depending on availability, these are allotted to the students on merit and distance basis.
- ***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.

Monthwise Highlights of the Year

- Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended **“NAAC Silver Jubilee Celebrations”** which was addressed by the Hon’ble Vice President of India Shri. M. Venkaiah Naidu at Glass House of Raj Bhavan, Bangalore on 07th January 2020.
- Prof. Ashok Aima, Vice Chancellor, Central University of Jammu visited **Sardar Patel University, Gujarat**, for attending the **Advisory Committee** for the UGC DRS SAP – III on Saturday, 18th January, 2020 and also attended a **National Seminar on “Transformation of Indian Rural Economy”** as Guest of Honour at G. H. Patel Postgraduate Institute of Business Management, Sardar Patel University, Gujarat.
- A one day **National Workshop of Inter University Centre for Yogic Sciences, Bengaluru (IUCYS)** for all the Vice Chancellors of Universities where Yoga is offered as one of the subject has been organised at Maharshi Kannad Auditorium of Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi on January 23, 2020. Hon'ble Minister for Human Resource Development Dr. Ramesh Pokhriyal Nishank was the Chief Guest on the occasion. Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the workshop along with Dr. Kiran, Asstt. Professor, Department of Education and Dr. Rouchi Choudhary, Asstt. Professor, Department of Public Policy and Public Administration.
- On 24th January, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the meeting called by Ho’ble HRD Minister, Shri Ramesh Pokhriyal ‘Nishank’ at State Guest House, Srinagar.
- Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, visited Indian Institute of Cost and Management Studies & Research, Pune, for grant of extension of autonomous status to the college as Chairman of the team constituted by the UGC from 27th - 28th January, 2020.
- On 30th January, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the meeting of Vice Chancellors of 13 Central Universities in the Himalayan States under the chairmanship of Vice Chairman, NITI Aayog at NITI Aayog, Sansad Marg, New Delhi.
- Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, was invited as Key Speaker in the '1st Leadership Summit' held at IIM Jammu on 08th February, 2020. Panel

Discussion on “Emerging Role of Academia in Knowledge Economy” was also held with the other Vice Chancellors/Directors of the Jammu and Kashmir region.

- On 04th March, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the meeting of General Assembly of ICCR held at ICCR, Azad Bhawan, New Delhi.
- On 14th March, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu was invited as Chief Guest by Sahitya Academi, New Delhi, for seminar on “Humanism and Cosmopolitanism in Dogri Literature” held at Govt. Degree College, Samba, J&K.
- On 16th March, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu was invited as Chief Guest by Govt. P.G. College, Rajouri for a two day National Conference of Science and Humanities.
- On 04th April, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the meeting taken by Shri Ramesh Pokhariyal ‘Nishank’ ji, Hon’ble Human Resource Development Minister through video conferencing regarding to combat the threats posed by COVID-19 pandemic to the Central Universities’ academic as well as administrative functioning.
- On 07th May, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu was invited APG Shimla University for a Webinar on the title “Faculty Development Programme at Outcome Based Education”.
- On 08th May, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the online meeting of Vice Chancellor’s Forum to discuss the working of the Universities (J&K) during COVID-19 pandemic.
- On 12th May, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the online meeting of **Consortium of Central Universities of Himalayan Region** called by Vice Chairman, Niti Aayog.
- On 27th May, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the online meeting of Consortium of Central Universities of Himalayan Region called by Vice Chairman, Niti Aayog.
- On 28th May, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the online address by Shri Ramesh Pokhariyal ‘Nishank’ Ji, Hon’ble Human Resource Development Minister on NAAC web platform on the topic “**Turn the**

Challenges to Opportunities: COVID-19 Pandemics and Measures to Combat in Higher Education of India”.

- On 10th June, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the online **Governing Council Meeting of Kalam Centre for Science and Technology**.
- On 13th June, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the **Vice Chancellors’ E-Conclave** as a panelist conducted by Shri Vishwakarma Skill University, Haryana.
- On 15th June, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu was invited as a **Guest Speaker in “GCTC Manthan”** a series of virtual brainstorming session on the topic “Socio-Economic Development Post Reorganisation of J&K” organised by Global Counter Terrorism Council, New Delhi.
- On 23rd June, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the **09th Board of Governors Meeting** of School of Engineering and Technology of **Baba Ghulam Shah Badshah University, Rajouri** which was conducted in online mode.
- On 26th June, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the 10thBoard of Governors meeting of School of Engineering and Technology of Baba Ghulam Shah Badshah University, Rajouri which was conducted in online mode.
- On 23rd July, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu was invited as an Expert Speaker on the webinar “Crucibles of Leadership in Pandemic Situation” conducted by Business School of SSM College of Engineering, Pattan, Baramulla, J&K.
- On 27th July, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu was invited by SKUAST-Jammu in the inaugural function of Ujala PG Girls Hostel and 3 BHK Residential Quarters.
- On 07th September, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the day long Video Conference of the Governor’s/Lt. Governors/Vice Chancellors of State Universities called by Hon’ble President of India to discuss the role of National Educational Policy 2020 (NEP 2020) in transforming Higher Education.
- On 29th October, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the 1st meeting of Expert Groups on Formulation of Implementation Plan on the theme Integrated Higher Education System including Teacher Education, Vocational

Education, Skill Employability, Professional Education and any other initiatives related to theme through Video Conferencing organised by UGC.

- On 31st October, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, was invited as Special Guest in the inaugural session of Online Career Summit organised under the TEQIP-3 program of NIT Srinagar.
- On 05th November, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the 2nd meeting of Expert Groups on Formulation of Implementation Plan on the theme Integrated Higher Education System including Teacher Education, Vocational Education, Skill Employability, Professional Education and any other initiatives related to theme through Video Conferencing organised by UGC.
- On 06th November, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, was invited as **Distinguished Speaker** for **Virtual National Conference on “Implementation of National Education Policy 2020 for Transforming India”** by **Amity University, Uttar Pradesh**.
- On 06th November, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the online **Executive Committee Meeting of NAAC, Bangalore**.
- On 27th November, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, was invited by **HRDC, HPU Shimla** as **Resource Person** in the online Workshop on Leadership Development Programme for enhancing the professional competence of College/University teachers.
- On 30th November, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the 11th Board of Governors meeting of School of Engineering and Technology of Baba Ghulam Shah Badshah University, Rajouri which was conducted in the online mode.
- On 30th November, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu, attended the meeting called by Hon’ble Advisor (B) in Civil Secretariat, Jammu, regarding implementation of **National Educational Policy 2020**.
- On 31st December, 2020, Prof. Ashok Aima, Vice Chancellor, Central University of Jammu attended the **12th Board of Governors Meeting** of School of Engineering and Technology of **Baba Ghulam Shah Badshah University, Rajouri** which was held in the online mode.

Gender Wise Students Details Academic Session 2020-21

Details of Students/Scholars admitted to Under Graduate, Post Graduate 4 year Integrated, 5 year Integrated and Ph.D. Programmes in the respective Departments for Academic Session 2020-2021, were as under :

MASTER'S DEGREE PROGRAMMES (2 YEARS) 2020-21

S.No.	School	Department	StudentAdmitted
1.	School of Business Studies	Department of HRM & OB	50
2.		Department of Tourism & Travel Management	32
3		Department of Marketing and Supply Chain Management	45
4.		MBA General	30
5.	School of Knowledge, Management, Information & Media Studies	Department of Mass Communication & News Media	34
6.	School of Basic and Applied Sciences	Department of Computer Science and Information Technology	29
7.		Department of Mathematics	48
8.		Department of Material Sciences & Technology	21
9.	School of Education	Department of Educational Studies	41
10.	School of Humanities and Social Sciences	Department of Economics	48
11.		Department of Public Policy & Administration	30
12.		Department of Sociology and Social work	34
13.		Comparative Religions and Civilizations	
14.	School of Languages	Department of English	36

ANNUAL REPORT 2020-21

15.	School of Language	Department of Hindi and Other Languages	20
16.	School of Life Sciences	Department of Environmental Sciences	47
17.		Centre for Molecular Biology	9
18.	School of National Security Studies	Department of National Security Studies	12
19.	Community College	M.A in Yoga	22

UNDER GRADUATE PROGRAMMES (3 YEARS) 2020-21

School of Business Studies	B.Voc (Retail Management)	20
	B.Voc (Tourism Management)	0
	B.Voc (Banking and Financial Services)	33

INTEGRATED UG-PG PROGRAMMES 5 YEARS 2020-21

School of Education	B.A-B.Ed	45
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INTEGRATED UG-PG PROGRAMMES 5 YEARS 2020-21

S. No.	School	Department	Students Admitted
1.	School of Life Sciences	Integrated M.Sc Course in Botany	49
2.		Integrated M.Sc Course in Zoology	37
3.	School of Basic and Applied Sciences	Integrated M.Sc Course in Chemistry	49
4.		Integrated M.Sc Course in Physics	45

ANNUAL REPORT 2020-21

VOCATIONAL/CERTIFICATE COURSES 2020-21

S. No.	School	Department	Student Admitted
1.	Community College	Diploma in Beauty & Wellness	
2.		Yoga	29
3.		Diploma in Beauty and Wellness	24
4.		Diploma in Beauty and Wellness (Makeup)	5
5.	School of Humanities & Social Sciences	Shavisim	21
6.		Mystical Thoughts	12
7.		Indian Scripts	15

Ph.D. PROGRAMMES FOR THE SESSION 2020-21

S.No	School	Department	Student Admitted
1.	School of Humanities and Social Sciences	Economics	5
2.	School of Education	Education	9
3.	School of Basic and Applied Sciences	Mathematics	4
4.	School of National Security Studies	National Security Studies	4
5.	School of Humanities and Social Sciences	Public Policy and Public Administration	6
6.	School of Life Sciences	Environmental Sciences	8
7.	School of Basic and Applied Sciences	Computer Science & It	9
8.	School of Knowledge, Management, Information & Media Studies	Mass Communication & New Media	1
10.	School of Languages	English	3

ANNUAL REPORT 2020-21

11.	School of Business Studies	Human Resource Management & Organisational Behaviour	3
12.		Tourism And Travel Management	4
13.		MBA General	3
14.		Marketing And Supply Chain Management	6
15.	School of Language	Hindi	8
16.	School of Basic & Applied Sciences	Material Sciences & Technology	2
17.		Physics and Astronomical Sciences	2
18.		Chemistry & Chemical Sciences	4
19.	School of Life Sciences	Botany	1
20.		Zoology	2
21.		Biotechnology	6
22.	School of Humanities & Social Sciences	CCRC	2

ANNUAL REPORT 2020-21

Gender Wise, Category Wise and State Wise representation of Students admitted to various programs of study in the Academic Session 2020-21 in Master's Degree Programmes : Under Graduate, Post Graduate Students (Category wise–Gender, SC/ST/OBC/PwD) :

Departments	Intake capacity	GEN.			OBC			SC			ST			EWS			Grand Total		
		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Environmental Studies	50	4	20	24	2	8	10	4	2	6	1	2	3	1	3	4	12	35	47
Economics	45	8	16	24	3	5	8	3	5	8	2	4	6	1	1	2	17	31	48
English	45	4	21	25	1	1	2	0	5	5	0	1	1	0	3	3	5	31	36
Mathematics	50	7	10	17	10	4	14	2	8	10	2	1	3	3	1	4	24	24	48
Educational Studies M.Ed	50	0	27	27	0	4	4	0	9	9	0	0	0	1	0	1	1	40	41
Computer Science And Information Technology	40	11	13	24	3	0	3	1	0	1	1	0	1	0	0	0	16	13	29
Human Resource Management & Organisational Behaviour	45	10	14	24	11	3	14	2	7	9	1	0	1	0	2	2	24	26	50
Tourism and Travel Management	50	10	11	21	5	1	6	2	2	4	0	0	0	1	0	1	18	14	32
MBA General	22	12	4	16	6	2	8	1	2	3	1	0	1	1	1	2	21	9	30
Marketing And Supply Chain Management	45	22	4	26	11	1	12	6	0	6	0	0	0	1	0	1	40	5	45
Public Policy And Public Administration	50	9	13	22	0	0	0	1	1	2	2	3	5	1	0	1	13	17	30
Social Work	50	1	14	15	8	1	9	0	3	3	1	5	6	0	1	1	10	24	34
Mass Communication & New Media	50	14	9	23	5	2	7	0	3	3	0	0	0	1	0	1	20	14	34
Hindi	50	2	12	14	0	0	0	1	3	4	1	0	1	0	1	1	4	16	20

ANNUAL REPORT 2020-21

Material Sciences & Technology	35	6	12	18	1	0	1	1	1	2	0	0	0	0	0	0	8	13	21
National Security Studies	50	5	5	10	0	1	1	0	1	1	0	0	0	0	0	0	5	7	12
M.Sc. in Centre for Mol. Bio	10	1	4	5	1	1	2	0	1	1	0	0	0	0	1	1	2	7	9
M.A. in Yoga	35	11	11	22	0	0	0	0	0	0	0	0	0	0	0	0	11	11	22
Physics and Astronomical Sciences	45	10	4	14	11	5	16	2	6	8	3	1	4	2	1	3	28	17	45
Chemistry & Chemical Sciences	45	10	11	21	11	3	14	3	5	8	2	1	3	2	1	3	28	21	49
Botany	45	10	22	32	1	2	3	2	5	7	2	2	4	1	2	3	16	33	49
Zoology	45	4	17	21	2	1	3	1	6	7	0	3	3	1	2	3	8	29	37
B.A. B.Ed	45	10	12	22	9	4	13	3	1	4	2	0	2	3	1	4	27	18	45
Yoga	30	12	15	27	0	0	0	1	1	2	0	0	0	0	0	0	13	16	29
Diploma in Beauty and Wellness	30	0	21	21	0	2	2	0	0	0	0	1	1	0	0	0	0	24	24
Diploma in Beauty and Wellness (Makeup)	30	0	3	3	0	0	0	0	1	1	0	0	0	1	0	1	1	4	5
Certificate course in Beauty and Wellness	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shavisim	25	6	14	20	0	1	1	0	0	0	0	0	0	0	0	0	6	15	21
Mystical Thoughts	25	4	5	9	0	0	0	2	1	3	0	0	0	0	0	0	6	6	12
Indian Scripts	25	8	3	11	1	1	2	0	0	0	2	0	2	0	0	0	11	4	15
B.Voc. TM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B.Voc. RM	30	14	1	15	2	0	2	1	0	1	0	1	1	1	0	1	18	2	20
B.Voc. BFS	30	13	5	18	5	0	5	3	2	5	1	1	2	3	0	3	25	8	33
Total	1252	238	353	591	109	53	162	42	81	123	24	26	50	25	21	46	438	534	972

ANNUAL REPORT 2020-21

State wise representation of Students admitted to Master's Degree Programmes 2020-21

	Jammu	Leh	Karnataka	Himachal Pradesh	Kerala	Punjab	Bihar	Telangana	Rajasthan	Haryana	Odisha	Jharkhand	Delhi	Andhra Pradesh	Uttarakhand	Uttar Pradesh	Maharashtra	West Bengal	Madhya Pradesh	Tamil Nadu	Chhattisgarh
Environmental Studies	44	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Economics	45	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
English	32	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mathematics	39	2	0	0	0	1	3	0	0	1	2	0	0	0	0	0	0	0	0	0	0
Educational Studies M.Ed	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer Science And Information Technology	27	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Human Resource Management & Organisational Behaviour	34	0	0	0	8	2	4	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Tourism And Travel Management	20	0	0	1	5	0	1	1	0	1	0	0	1	1	1	0	0	0	0	0	0
MBA General	19	0	0	2	3	0	0	0	1	1	0	0	1	0	0	2	1	0	0	0	0
Marketing and Supply Chain Management	33	0	0	0	6	0	2	0	1	0	0	1	0	0	0	2	0	0	0	0	0
Public Policy and Public Administration	28	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social Work	25	2	0	0	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mass Communication & New Media	23	0	0	0	5	0	2	0	1	0	0	0	1	0	0	1	1	0	0	0	0
Hindi	19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Material Sciences & Technology	19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0
National Security Studies	10	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.Sc. in Centre for Mol. Bio	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M.A. in Yoga	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physics and Astronomical Sciences	29	0	0	1	0	0	5	1	9	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry & Chemical Sciences	36	0	0	0	1	0	1	0	3	0	2	0	1	0	0	4	0	1	0	0	0

ANNUAL REPORT 2020-21

Botany	46	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	
Zoology	30	2	0	0	0	0	2	0	1	0	0	0	1	0	0	1	0	0	0	0	
B.A. B.Ed	29	0	0	0	1	0	9	1	2	0	1	1	0	0	0	0	0	0	1	0	
Certificate Course Yoga	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Diploma in Beauty and Wellness	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Diploma in Beauty and Wellness (Makeup)	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Certificate course in Beauty and Wellness	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Shavisim	7	0	1	0	0	0	0	1	0	0	0	0	3	0	0	4	4	0	0	0	1
Mystical Thoughts	10	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Indian Scripts	7	1	0	0	0	1	0	2	0	1	0	1	0	0	0	2	0	0	0	0	0
B.Voc. TM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B.Voc. RM	15	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
B.Voc. BFS	21	1	0	0	0	1	6	0	0	0	0	0	1	1	0	1	0	0	0	1	0
Total	777	11	1	4	44	6	46	8	18	4	6	4	9	3	1	18	7	2	1	1	1

ANNUAL REPORT 2020-21

Gender wise, Category wise and State wise representation of Scholars admitted in the Academic Session 2020-21 in Integrated M.Phil. Ph.D. Programmes

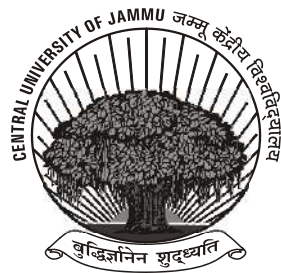
A. Category Wise–Gender, SC/ST/OBC/PwD) Wise :

Departments	Intakecapacity	GEN			OBC			SC			ST			EWS			Grand Total		
		MALE	FEMALE	TOTAL	MALE	FEMALE	MALE	FEMALE	TOTAL	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Environmental Studies	7	3	1	4	0	2	2	0	1	1	0	1	1	0	0	0	3	5	8
Economics	2	0	2	2	0	1	1	2	0	2	0	0	0	0	0	0	2	3	5
English	3	0	2	2	1	0	1	0	0	0	0	0	0	0	0	0	1	2	3
Mathematics	3	0	1	1	1	0	1	1	0	1	0	0	0	0	1	1	2	2	4
Educational Studies M.Ed	5	1	3	4	0	2	2	1	1	2	1	0	1	0	0	0	3	6	9
Computer Science And Information Technology	5	3	3	6	1	0	1	0	1	1	0	1	1	0	0	0	4	5	9
Human Resource Management & Organisational Behaviour	5	1	1	2	0	0	0	0	1	1	0	0	0	0	0	0	1	2	3
Tourism And Travel Management	4	1	1	2	1	0	1	1	0	1	0	0	0	0	0	0	3	1	4
MBA General	5	0	1	1	0	1	1	0	1	1	0	0	0	0	0	0	0	3	3
Marketing And Supply Chain Management	8	2	2	4	1	0	1	1	0	1	0	0	0	0	0	0	4	2	6
Public Policy And Public Administration	4	2	0	2	1	1	2	0	0	0	0	1	1	1	0	1	4	2	6
Mass Communication & New Media	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Hindi	8	1	3	4	2	0	2	2	0	2	0	0	0	0	0	0	5	3	8
Material Sciences & Technology	5	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
National Security Studies	3	3	0	3	0	0	0	1	0	1	0	0	0	0	0	0	4	0	4
Physics And Astronomical Sciences	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Chemistry & Chemical Sciences	6	1	1	2	0	1	1	0	1	1	0	0	0	0	0	0	1	3	4
Botany	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Zoology	2	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2
CMB	6	1	2	3	1	1	2	0	1	1	0	0	0	0	0	0	2	4	6
CCRC	3	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1	1	2
Total	90	22	27	49	10	11	21	9	7	16	1	3	4	1	1	2	43	49	92

ANNUAL REPORT 2020-21

State Wise representation of Scholars admitted to Ph.D. Programmes

State Department	Jammu	Uttar Pradesh	Himachal Pradesh	Bihar	Hyderabad	Chandigarh	Kerala	Maharashtra	Odisha	Andhra Pradesh	New Delhi	Rajasthan	Jharkhand	Uttarkhand	Kolkata	Haryana
Environmental Studies	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Economics	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
English	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mathematics	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Educational Studies	8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Computer Science And Information Technology	8	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Human Resource Management & Organisational Behaviour	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Tourism And Travel Management	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
MBA General	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0
Marketing And Supply Chain Management	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1
Public Policy And Public Administration	4	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
Mass Communication & New Media	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Hindi	3	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0
Material Sciences & Technology	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
National Security Studies	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Physics And Astronomical Sciences	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemistry & Chemical Sciences	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botany	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Zoology	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
CMB	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Ccrc	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Total	56	9	6	3	1	1	1	1	2	1	4	2	1	1	1	2



DEPARTMENTS
ACTIVITIES/ACHIEVEMENTS

Department of Environment Sciences

About the Department :

The Department of Environmental Sciences (EVS), established in 2012, is offering M.Sc. in Environmental Sciences with an admission capacity of 50 per year. 09 batches of students have been admitted and 08 have already passed out. The Department is focusing on providing quality education in Environmental Sciences, which has become extremely important in view of increasing development-sustainability conflicts, which largely impact plant, animal and human life on the planet Earth, including geo-environmental issues which confront human civilization.

The Department is committed to prepare its students for global competition in the 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 the choice to specialize in Energy conservation, Atmospheric Science, Environmental Geoscience, and Solid Waste Management. The teaching pedagogy is learner-oriented than the conventional classroom teaching. The Department is laying stress on hands-on training of the students in the laboratory and in the field.

Our Department has a distinguished record in both teaching and research. Faculty members have excellent academic credentials and are highly regarded. They have been conferred with many prestigious awards at national and international levels. Several faculty members serve on the editorial boards of national and international journals, review articles for journals on a regular basis and organize national and international symposia and conferences. The curriculum is taught by a distinguished faculty combining academic excellence and real world experience with dedication and commitment. The primary focus of our curriculum is to impart technical knowhow to students, promote their problem solving skills and innovation of new technologies. The Department offers a large number of optional courses for providing wide spectrum of options to the students to pursue their interest. The course contents are periodically updated for introducing new scientific and technological developments. The Department is providing a balanced curriculum—a balance between theoretical foundation and practical applications, technical knowledge and complementary studies, with the aim of producing well-renowned graduates. We often review our teaching methodologies and try to introduce some of the global best practices and initiatives towards staying ahead in terms of quality and content of the education. For measuring our performance, feedback from all the

stakeholders including employers, students, faculty and others is collected, analyzed and used for improvement in our processes, including curriculum content and design, delivery methodology and evaluation processes to continuously keep them aligned with the changing requirements of the market.

With all these inputs one finds our students hardworking, practical-oriented and effective in any work environment. We have designed our syllabus to strike a balance between professional knowledge and personal skills. We are confident that our current curriculum has enabled overall development of budding managers to come up to the expectations of the corporate world. Our department maintains active research groups for carrying out collaborative and interdisciplinary research. We have state-of-the-art research facilities to support our academic programs and research. Funding for research (approximately one crore during the last five years) helps us to maintain and modernize our research infrastructure. Our alumni cell is continuously working to maintain the good relationships with all our alumni, who are the most valued output of the department. We always try to engage our alumni in the best possible way and seek their advice on how best to achieve our alumni.

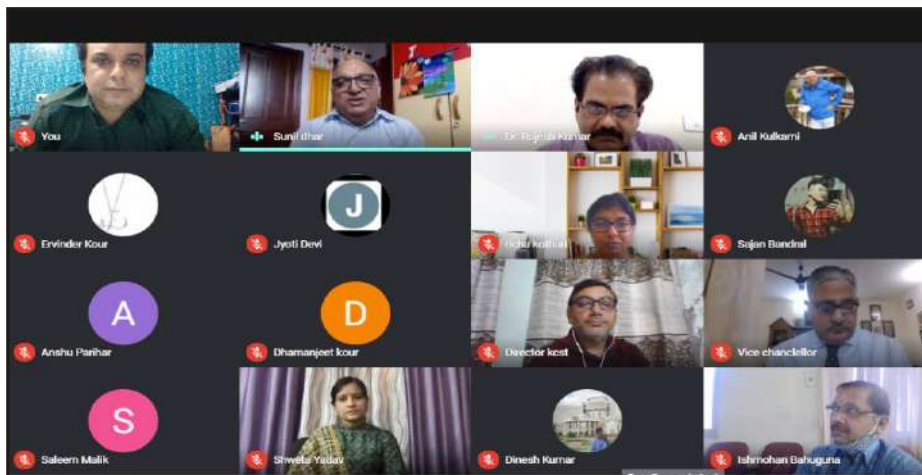
Major Achievements during the year :

FIST: Establishment of instrumentation facilities for Advance Centre on Bioenergy production processes coupled with water/waste water management, (Total duration-05 years). (Sanctioned amount Rs. 50,00,000/- Sanctioned year for 2020) ([SR/FST/ES-1/2020/74](#)).



Flag off ceremony of “Source Apportionment Study of Aerosols in Jammu was today held in CUJ Campus

ANNUAL REPORT 2020-21



Details of Memorandums of Understanding signed :

Tripartite MoU between MOEFCC, JKPCB and Central University of Jammu, Jammu.

Faculty Achievements during 2020-21.

Prof. Sunil Dhar, HoD, Department of Environmental Sciences Central University of Jammu, presented a paper on “Glacial recession and its impact on the Peri-Glacial Geomorphology, Chandra basin, Lahaul and Spiti, Himachal Pradesh, India” in an International Conference on Himalayan Cryosphere (IHC-2020) organized by Divecha Centre for climate change, Indian Institute of Science, Bengaluru, 19-23 October, 2020.

Dr. Richa Kothari : Invited Speaker, Open Technical University, Garhwal, 20 June 2020.

Invited talk on “Targets & Challenges of National Clean Air Programme: Role & Responsibility of Media” in an Orientation Programme organized by Department of Mass Communication and New Media, Central University of Jammu on 10th December, 2020.

Invited talk on “Ice Nucleating Particles: Sources, distribution and implications” in a two-week online refresher course on Environment Conservation organized by the UGC-Human Resource Development Centre (HRDC), Guru Nanak Dev University, Amritsar, on 24th November, 2020.

Invited talk on “Vegan Diet: a solution for better environment” in Vegan Outreach Webinar - Food Planet Health organized by Vegan outreach and NSS, Central University of Jammu on 25th September, 2020.

Seminars, Workshops and Conferences attended by the Faculty (2020-21) :

Dr. Anita Singh attended an Online International Webinar on Environmental Scenario during COVID 19 & Post Lockdown Opportunities organised by Guru Nanak Khalsa College, Yamuna Nagar (Haryana), 02 June, 2020.

Faculty Publications :

- **Dhar, S.**, Randhawa, S.S, Arvind, K, Walai, V, Chou Fu, Bhari. H, Arun Kumar(2021): Decomposition of continuous soil-gas radon time series data observed at Dharamsala region of NW Himalayas, India for seismic studies. *Journal of Radio analytical and Nuclear Chemistry* <https://doi.org/10.1007/s10967-020-07575-x>
- Prashanta, M, Arun Kumar, **Dhar, S.**, Verma, O and Sharma, S.(2021): Morphometric Characterization and Prioritization of sub-watersheds for assessing soil erosion susceptibility in the Dehar watershed (Himachal Pradesh), Northern India. *Himalayan Geology*, Vol 42(2) pp 140-154.
- Randhawa, S.S., **Dhar, S.**, Rathore, B.P., Kumar., R, Thakur,N., Rana,P, Rana, D.C.,and Taloor, A. (2021): Moraine Dammed Lake Inventory in Sutlej, Ravi and Beas Basins of Himacahal Pradesh, in *Water, Chyrosphere and Climate Change in the Himalayas. Geography of the Physical Environment*. Springer Nature, Switzerland. <https://doi.org/10.1007/978-3-030-67932-3>
- Ajay Kumar Taloor, Girish Chandra Kothiyari, Drinder Singh Manhas, Harish Bisht, **Pankaj Mehta**, Meenakshi Sharma, Sugandha Mahajan, Sagarika Roy, Anil Kumar Singh, Sajid Ali, (2021). "Spatio-temporal changes in the Machoiglacier Zanskar Himalaya India using geospatial technology." *Quaternary Science Advances* <https://www.sciencedirect.com/science/article/pii/S2666033421000101>
- I, **Mukherjee, UK Singh, RP Singh, DKumari, PK Jha, Pankaj Mehta**, (2020) Characterization of heavy metal pollution in an anthropogenically and geologically influenced semi-arid region of east India and assessment of ecological and human health risks. *Science of the total Environment* <https://doi.org/10.1016/j.scitotenv.2019.135801>
- **Singh, A.**, Bajar, S., Devi, A. and Bishnoi, N. R.,(2021) "Adding value to agro-industrial waste for cellulase and xylanase production via solid-state bioconversion." *Biomass Conversion and Biorefinery*, 1-10. (IF 4.98)

- Devi, A., **Singh, A.**, Bajar, S. and Pant, D. (2021). "Ethanol from lignocellulosic biomass: An in-depth analysis of pre-treatment methods, fermentation approaches and detoxification processes." *Journal of Environmental Chemical Engineering*, 105798, 2021 (IF 5.9)
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ANNUAL REPORT 2020-21

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Detail of Research Projects

Name of the Investigator	Title of the Project and Duration	Amount Sanctioned (Lakhs)	Funding Agency
Prof. Sunil Dhar (PI) Prof. 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	DST-HICAB
Prof. Sunil Dhar	Study of morpho-tectonic evolution of Mons Rumkar and Orientale basin of the moon. 3 years initially. (03 Years)	20	ISRO, GOI
Prof. Sunil Dhar Dr. Richa Kothari	Preparation of PRI based geo-referenced Biodiversity assessment, documentation and conservation plan of wild flora and fauna of Kishtwar High Altitude National Park (KHANP)	20	Department of Wild Life Protection, Government of J&K(UT)
Prof. Sunil Dhar Dr. Pankaj Mehta	Water conservation and harvesting strategies in the Himalayan Region of J&K. Component to be carried out under the aegis of Consortium of Central Universities of Indian Himalayan Region	10	NITI Aayog, GOI
Dr. Dinesh Kumar	Assessment of land surface parameters role for weather pattern in western	40	DST Major Project

ANNUAL REPORT 2020-21

	Himalayan region (03 Years)		
Dr. Anita Singh	Selective removal of inhibitors found in lignocellulosic ++hydrolysates 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 (03 Years)	23	BRNS-DAE, GOI.
Dr. Shweta Yadav	Investigation of Multi-Scale Temporal Variations and Trend in the Mass Composition and Sources of Carbonaceous Aerosols in Jammu, an Urban Location in the Foothill Region of North-Western Himalayas (03 Years)	15.97	UGC Major Research Project
Dr. Anita Singh	Cellulase Enzyme Production from Local Thermophilic Fungi by Using agro-Industrial Residues as Substrate (02 Years)	6	UGC Start-up-Grant
Dr. Pankaj Mehta	Physico-Chemical Characterization of Ground water/ Drinking Water Quality in Alluvium (Sirowal) Kandi and Shivalik Formations in Jammu Province (02 Years)	5	UGC Minor Project (through CUJ)
Dr. Shweta Yadav	Source Apportionment of ambient aerosols and carrying capacity in NAC of Jammu/Srinagar	218.76	JKPCB
<ul style="list-style-type: none"> FIST: Establishment of instrumentation facilities for Advance Centre on Bioenergy production processes coupled with water/waste water management, (Total duration–05 years) (Sanctioned amount Rs. 50,00,000/- Sanctioned year for 2020) (SR/FST/ES-I/2020/74). 			

Department of Chemistry and Chemical Sciences

About the Department :

The Department of Chemistry and Chemical Sciences (DoCCS), CU Jammu was established with Five Years Integrated M.Sc., Chemistry program (current intake : 45 seats). The department has started a Ph.D. Program in Chemistry since the 2018-19 academic session.

The research interests of the faculty members cover a broad range of chemistry including Organic Synthesis, Green Chemistry, Catalysis, Coordination Chemistry, Bioinorganic Chemistry, Theoretical and Computational Chemistry, and Medicinal Chemistry.

Details of Orientation Programs Organised/Attended by faculty members :

Dr. T.K. Roy :

- i) Attended TWO WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME ON ADVANCED CONCEPTS FOR DEVELOPING MOOCS that begins on 02nd July, 2020 to 17th July, under the PMMMNMTT) organized by Teaching Learning Centre (TLC), Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi.

Faculty Achievements during the Year :

- (i) Dr. V. Sridharan : Dr. V. Sridharan has been selected as Convener of Chemical Research Society of India (CRSI) Local Chapter J&K.. Received CRSI Lifetime membership.
- (ii) Dr. T.K. Roy : Received CRSI Lifetime membership.

Any other relevant information :

Dr. Sujata Kundan :

Delivering Lecture

- (i) For delivering a lecture title Novel A3B-type Cr(III)Cl Porphyrin Hybrids Based Graphene Oxide-Preparation and Characterization in the Virtual International Conference on Emerging Research Trends in Chemical Sciences (ERTCS-2020)-24th-26th July, 2020, organized by Govt. Post Graduate College Rajouri, Jammu.

Book Chapters :

- | | | |
|---------------|---|--|
| 1. Book Title | : | Copper in N-Heterocyclic Chemistry |
| Editor | : | Dr. Ananya Srivastava |
| Chapter 7 | : | Copper Catalysis for the Synthesis of quinolines and Isoquinolines |
| Authors | : | M. Karuppasamy, B. S. Vachan and V. Sridharan* |
| DOI | : | 10.1016/B978-0-12-821263-9.00007-2 |

ISBN	:	9780128212639
Publisher	:	Elsevier, 2020
2. Book Title	:	Green Sustainable Process for Chemical and Environmental Engineering and Science : Organic Synthesis in Water and Supercritical Water 1 st Edition
Editors	:	Dr. Inamuddin, Dr. Rajender Boddula, Prof. Abdullah Asiri
Chapter 6	:	Stereoselective organic synthesis in water: Organocatalysis by proline and its derivatives
Authors	:	B. S. Vachan, M. Karuppasamy, P. Vinoth, V. Sridharan* and J. C. Menéndez*
DOI	:	10.1016/B978-0-12-819542-0.00006-3
ISBN	:	9780128195420
Publisher	:	Elsevier, 26 th June 2020.

Seminars, Workshops and Conferences attended by the Faculty (2020-2021) :

Dr. Sujata Kundan

- Virtual Celebration of INTERNATIONAL DAY FOR THE PREVENTION OF OZONE LAYER-16th Sep, 2020 organised by SCIROX- GNDU, Amritsar, India.
- Participated in Two Day International Webinar on Climate Change and Sustainable Agriculture-12th-13th June, 2020, organized by Department of Botany, Central University of Jammu, Jammu.
- One Day Webinar on “NMR Spectroscopy in CSIR/GATE Perspective”-12th June, 2020, organized by PG and Research Department of Chemistry, Vivekananda College, Tiruvedakam West, Madurai-34, India.
- One Day Webinar on “Fundamentals of Effective Scientific Writing: Manuscripts and Grants”- 9th June, 2020, organized by American Chemical Society (Chemistry for Life).
- One Day National Webinar on “Acharya Abhinavgupta Jayanti”- 2nd June, 2020, organized by Centre for Comparative Religions and Civilizations, Central University of Jammu, Jammu.
- One Day Webinar on “Urban Farming”-1st June, 2020, organized by Department of Botany, Career College, Bhopal, India.
- One Day Webinar on “Plan Your Research Effectively Using Scopus & Science Direct from Elsevier”- 29th May, 2020, organized by University of Jammu in collaboration with ELSEVIER.
- Two Days International Webinar on COVID-19 and Emotional Wellness- 15th-16th May, 2020, organized by School of Education, Central University of Jammu under the scheme of

Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), Ministry of Human Resource and Development, Government of India.

- Presented Poster title “Biomass Via Biomass for Sustainable Life” in the International e-Poster Conference on Current Outlook in Material Science and Engineering (COMSE-2k20)-15th-16th May, 2020, organized by Bodoland University in Association with Tripura University, ADP College, Nagaon & MIT Aurangabad, India on Facebook.
- One Day Online Workshop on “APPLICATIONS OF ACTION RESEARCH AND PROFESSIONAL DEVELOPMENT: CONTEXTS AND PRACTICES”-2nd May, 2020, Organized by School of Education (PMMMNMTT), Central University of Jammu, Jammu, J&K.
- Participated in IIC Online sessions-28th April to 22nd May, 2020 organised by Institution’s Innovation Council (IIC) of MHRD’s Innovation Cell, New Delhi.

Faculty Publications (2020) :

Dr. V. Sridharan

- Direct access to bridged tetrahydroquinolines and chromanes *via* an InCl_3 -catalyzed sequential three-component cascade B. S. Vachan, M. Karuppasamy, G. Jan, N. Bhuvanesh, C. U. Maheswari* and V. Sridharan* *J. Org. Chem.* 2020, 85,8062–8073.
- Palladium(II)-catalyzed direct access to indeno[1,2-*c*]isochromen-5(11*H*)-ones *via* intramolecular oxypalladation-initiated cascade process .M. Karuppasamy, B. S. Vachan, T. Jandial, S. B. Annes, N. Bhuvanesh, C. U. Maheswari and V. Sridharan*
- *Adv. Synth. Catal.* 2020, 362, 2716–2724.
- Chemodivergent synthesis of functionalized methanodibenzo[*b,f*][1,5] diazocin-13-ylmethanones and tetrahydroquinolines *via* solvent-dependent AB_2 and A_2B_2 multicomponent annulation reactions. I. Muthukrishnan, M. Karuppasamy, B. S. Vachan, D. Rajput, S. Nagarajan, C. U. Maheswari and V. Sridharan* *Org. Chem. Front.* 2020, 7, 1616–1625.
- N-Heterocyclic carbene catalyzed synthesis of trisubstituted epoxides *via* tandem amidation/epoxidation sequence. E. Sankari Devi, T. Pavithra, A. Tamilselvi, S. Nagarajan, V. Sridharan, C. U. Maheswari *Org. Lett.* 2020, 22, 3576–3580.
- Proline and its derivatives as organocatalysts for multicomponent reactions in aqueous media: synergic pathways to the green synthesis of heterocycles. B.S. Vachan, M. Karuppasamy, P. Vinoth, S. V. Kumar, S. Perumal, V. Sridharan,*J. Carlos Menéndez* *Adv. Synth. Catal.* 2020, 362, 87–110.

- An injectable self-healing anesthetic glycolipid-based oleogel with antibiofilm and diabetic wound skin repair properties .Y. S. Prasad, S. Miryala, K. Lalitha, B. Saritha, C. U. Maheswari, V. Sridharan, C. S. Srinandan, S. Nagarajan
- *Sci. Rep.* 2020, 10, 18017.
- Regioselective Synthesis of tetrahydroquinolines *viasyn*- and anti-nucleopalladation-initiated cascade processes M. Karuppasamy, P. Vinoth, N. Pradeep, S. Nagarajan, C. U. Maheswari, V. Sridharan**Org. Biomol. Chem.* 2020, 18, 8474–8485.
- Supramolecular gels of gluconamides derived from renewable resources: Antibacterial and anti-biofilm applications. Y. S. Prasad, S. Manikandan, K. Lalitha, M. Sandeep, R. V. Prasad, R. A. Kumar, C. S. Srinandan, C. U. Maheswari, V. Sridharan, S. Nagarajan *Nano Select*2020, 1, 510–524.
- A novel indenone derivative selectively induces senescence in MDA-MB-231 (breast adenocarcinoma) cells.J. Priyanga, B. S. Kumar, R. Mahalakshmi, K. Nirekshana, P. Vinoth, V. Sridharan, D. Bhakta-Guha, G. Guha . *Chem. Biol. Interact.* 2020, 331, 109250.
- Antioxidants as molecular probes: Structurally novel dihydro-*m*-Terphenyls as turn-on fluorescence chemodosimeters for biologically relevant oxidants .V. González-Ruiz, J. Rajesh, A. I. Olives, D. Rocchi, J. Gómez-Carpintero, J. F. González, V. Sridharan, M. A. Martín, J. C. Menéndez *Antioxidants* 2020, 9, 605.

Publications (2021) :

1. Transition Metal-Catalyzed Synthesis of 1,2-Diketones: An Overview
A. Kumar and V. Sridharan
*Asian J. Org. Chem.*2021, 10, 1619-1637
2. Sulfur Catalyzed Metal- and Solvent-Free ABB'C Four-Component Synthesis of *N*-Arylidene-2-aryl-imidazo[1-2-*a*]azin-3-amines via Strecker Reaction
T. Pavithra, E. Sankari Devi, S. Nagarajan, V. Sridharan, C. U. Maheswari *Chemistry Select* 2021, 6, 3548-3552

Dr. Tapta Kanchan Roy :

- a) Designed Synthesis, Characterization and Evaluation of Anticancer Activity of Water-Soluble Half-sandwich Ruthenium (II)Arene Halido Complexes Tanveer A. Khan, Kishalay Bhar, Ramalingam Thirumoorthi, Tapta Kanchan Roy* and Anuj K. Sharma*, *New Journal of Chemistry*, 44, 239-257 (2020), ISSN: 1144-0546,. Impact Factor: 3.288

- b) Conjugated Small Organic Molecules: Synthesis and Characterization of 4-Arylpyrazole-decorated Dibenzothiophenes; Satyajit Panda, Ram Singh Jat, Amir Fayaz, Jony Saha, Ramalingam Thirumoorthi, Tapta Kanchan Roy and M. Bhanuchandra, *New Journal of Chemistry*, (2020) 44, 8944-8951, Impact Factor: 3.288
- c) Dinuclear gold(I)-N-heterocyclic carbene complexes: Synthesis, characterization, and catalytic application for hydrohydrazidation of terminal alkynes. Seema Yadav, Sriparna Ray, Ajeet Singh, Shaikh M. Mobin, Tapta Kanchan Roy, Chandrakanta Dash. *Applied Organometallic Chemistry*, (2020) 34, e5942, Impact factor: 3.581.
- d) On the Proton Shuttle Motion in Protonated Acetylene: An Electronic Structure Perspective. Subrata Banik, Ankit Kumar Sansi, Shiv Nandan and Tapta Kanchan Roy, *ChemistrySelect*, (2020) 5, 9288–9295, Impact factor: 1.811.
- e) Comprehensive Analysis of Band Gap and Nanotwinning in $Cd_{1-x}Mg_xS$ QDs. Tania Kalsi, Hrishit Mitra, Tapta Kanchan Roy, Sachin Kumar Godara and Pragati Kumar, *Cryst. Growth Des.* 2020, 20, 10, 6699–6706, Impact factor: 4.153
- f) Dual Basis Approach for Ab Initio Anharmonic Calculations of Vibrational Spectroscopy: Application to Micro-Solvated Biomolecules, Tapta Kanchan Roy and R. Benny Gerber. *J. Chem. Theory Comput.* 2020, 16, 11, 7005–7016, Impact factor: 5.313
- g) Comprehensive Benchmark Results to the Accuracy of Basis Sets for the Anharmonic Molecular Vibrations, Hrishit Mitra and Tapta Kanchan Roy, *J. Phys. Chem. A*, 2020, 124, 44, 9203–9221, Impact factor: 2.600
- h) Rhodium(III)-Catalyzed Annulation of 2-Arylimidazo[1,2-a]pyridines with Maleimides: Synthesis of 1H-Benzo[e]pyrido[1',2':1,2]imidazo[4,5-g]isoindole-1,3(2H)-Diones and their Photophysical Studies, Vikki N. Shinde, Tapta Kanchan Roy, Sonam Jaspa, Dhananjay S. Nipate, Neha Meena, Krishnan Rangan, Dalip Kumar, Anil Kumar, *Adv. Synth. Catal.*, 2020, 362, 5751-5764, Impact Factor: 5.851

Dr. Princy Gupta :

- A) Halloysite nanotubes based heterogeneous solid acid catalysts
Aman Mahajan and Princy Gupta*,
New J. Chem., 2020, 44, 12897-12908.
- B) Approaches for the development of potential dengue inhibitors,
Princy Gupta and Aman Mahajan,
Synth. Commun., 2020, 50, 2250-2265.
- C) Carbon based solid acids: A review Aman Mahajan and Princy Gupta
Environ. Chem. Lett., 2020, 18, 299-314. Publications (2021)

1. Pawan Kumar, Princy Gupta* and Chandan Sharma, Surface modified novel magnetically tuned halloysite functionalized sulfonic acid: Synthesis, characterization and catalytic activity, *Catal. Sci. Technol.*, 2021,11, 3775-3786.
2. Princy Gupta*, Nayan Prakash, Yogeshwar Ramawat, Palvi Rajput, Amir Fayaz, Tapta Kanchan Roy, Halloysite Nanotubes Functionalized Sulfonic Acid: Synthesis, Spectroscopic Characterization, Computational Studies and Application for the Synthesis of 1,4-Dihydropyridines, *Letters in organic chemistry*, 2021, DOI: 10.2174/1570178618666210302160130.
3. Aman Mahajan* and Princy Gupta*, Coronavirus (COVID-19): Chemical entities of biological interest, *Mini reviews in medicinal chemistry*, 2021, DOI: 10.2174/1389557521666210125145700.

Details of Research Projects :

Dr. V.Sridharan

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 : 03 years (2018-2021)
 Role : Principal Investigator (PI)
2. Title : Development of Sensing Technologies for Explosives Detection Involving Metal Organic Frameworks (MOFs)
 Funding Agency : DRDO
 Budget : Rs.1,36,51,000/-
 Duration : 03 years (2020-2023)
 Role : Co-Investigator (Co-PI) PI:- Dr. Pawan Kumar

Dr. T.K.Roy :

1. Title : Theoretical Investigation on Conformationally Resolved 3D-structures of Large Biomolecules by Quantum Anharmonic Vibrational Spectroscopy
 Funding Agency : DST-SERB
 Budget : Rs. 55,00,000/- (EMR/2017/000512)
 Duration : 3 years (2018-2021)

Department of English

About the Department :

Established in the year 2011, the Department of English has the same year of inception as that of the University. The Department offers degrees at M.A. and Ph. D. levels. Teaching pedagogy in the department is intensive which is done through Lectures, ICT based teaching, participatory sessions like Group Discussions, Film Screening, Paper Presentation, and Debate. Moreover, the Department provides mentoring to students both in and beyond the classroom in a wide variety of forums. Extension lectures, symposia, conferences and colloquia on interdisciplinary themes make up the calendar.

The Department is distinctive in exposing students to the interface of literature with other kinds of textuality in contemporary culture and society, and to the various possible applications of disciplinary skills.

- Translation
- Comparative Literature
- Women's Writing Across Cultures

Vision :

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

Mission :

- To provide a thorough grounding in literature written in the English language, from the earliest period to the present day with substantial focus on global reach of the language and the diversity and range of all its literary manifestations, especially in the postcolonial world.
- 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 in diverse areas 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.

Major Achievements during the year :

During the period under report of online teaching-learning process the Department had been actively engaged in online teaching and research.

Three Ph.Ds were awarded and extensive interaction with academicians across the country and the world carried out where scholars, students and teachers of the Department engaged in discussion and deliberation.

The Department holds the distinction in initiating the implementation of MoU signed between Central University of Kashmir, Central University of Himachal Pradesh and Central University of Jammu by organizing online Eminent lecture series.

International, National Seminars/Workshops/Other events :

- Department of English, Central University of Jammu organized a three-day National Online Workshop on Research Methodology in Literary Studies, 9 December-11 December, 2020.
- Department of English, Central University of Jammu organized International Webinar on “Literary Spaces and Covid-19: Predicaments and Possibilities” on 2 June, 2020.

Commemorating the Writer Series :

- The birth anniversary of Rokeya Sakhawat Hossain via online mode on 18 December, 2020. Ms. Tania Shri, Research Scholar of Department of English, was the Coordinator of the event.
- The birth anniversary of Indira Goswami via Online mode on 27 November, 2020. Ms Sonam Sharma , Research Scholar of the Department of English, was the Coordinator of the event.
- The birth anniversary of the poet John Keats through Online mode on 16 October, 2020 at 3 p.m. Mr. Sahil Bhagat, Research Scholar of the Department of English, was the coordinator of the event.
- The birth anniversary of Kiran Desai via Online mode on 25 September, 2020. Ms. Kamaljot Kour, the Research Scholar of the Department, was the coordinator of the event.
- The birth anniversary of Sudha Murthy, on 4th September, 2020. Dr. Vandana Sharma, Head, Department of English was the Coordinator of the event.

Eminent Lecture Series :

- On 11 November 2020, Prof. (Dr.) Anna-Margaretha Horatschek, Vice President, English Department Universitat zu Kiel (Keil University, Germany) delivered Eminent Lecture on “ Experience Matters: From Literary Representation to Experiential Realities”.
- 15 October 2020: Open Viva-voce examination of Ms.Ritika Pathania, Ph.D. Scholar, Department of English, Central University of Jammu. Prof. Monika Sethi, Professor, Department of English, University of Jammu was the external expert.

Dr. Vandana Sharma

i. Convener :

- International Webinar on “Literary Spaces and Covid-19: Predicaments and Possibilities” organized by Department of English, Central University of Jammu on 2 June 2020.
- Three-Day National Online Workshop on Research Methodology in Literary Studies organised by Department of English Central University of Jammu, 9 December-11 December 2020.

ii. Dr. Neena Gupta Vij

- Seven-day FDP on “Contemporary Critical Trends in Literature” held from 22-28 June 2020, organized by Department of English, Pondicherry University, Puducherry.
- Three-day FDP Webinar on “E-Learning: Tools for Teaching & Learning”, held from 01-03 June 2020, organized by Govt. Maulana Azad Memorial College, Cluster University of Jammu.
- Online module on TTT-Teach The Teacher Using Flipped Classroom Approach from 22 April to 15 May 2020.

Organizing Webinar/Seminar/ Workshop : Dr. Neena Gupta Vij

- a. International Webinar on “Literary Spaces and Covid-19: Predicaments and Possibilities” organized by Department of English, Central University of Jammu on 2 June 2020.
- b. Three-Day National Online Workshop on Research Methodology in Literary Studies organised by Department of English Central University of Jammu, 9 December- 11 December 2020.

Dr. Mirza Ahmad Afzal Farooq

- Attended a Nine Day FDP on “Online Education” organized by Indian Teacher Education Community in collaboration with Khun Khun Ji Girl’s PG College, Lucknow from 27 November to 5 December 2020.
- Attended a Seven Day FDP on Qualitative Research organized by Indian Teacher Education Community in collaboration with BCG Shiksha Mahavidyalaya, MP from 6 November to 12 November 2020.

Dr. Parveen Kumari

- Participated in the online Faculty Induction Programme (FIP-02) conducted from 25-11-2020 to 22-12-2020 organized by UGC-HRDC, Guru Nanak Dev University, Amritsar.

Any other relevant information : (Ph.D. Awarded to scholars)

- Ms. Tanishika Bhagat, Ph.D. thesis titled “The Contact Zone: Translation and Transmission of Selected Dalit Narratives”. Supervisor: Dr. Neena Gupta Vij

ANNUAL REPORT 2020-21

- Mr. Anil Kumar, Ph.D. thesis titled “Decentring Anthropocentrism : A Posthumanist Study of Margaret Atwood’s Maddaddam Trilogy”. Supervisor Dr. Vandana Sharma.
- Ms. Ritika Pathania, Ph.D, Thesis titled “Cultural Economy of War Memorials in Jammu and Kashmir: An Iconographic Study”. (Supervisor: Prof. Deepsheekha Kotwal and Co-Supervisor: Dr. Raj Thakur).

Seminars, Workshops and Conferences attended by the Faculty (2020-21) :

Dr. Vandana Sharma

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
1. Two Weeks Online Refresher Course “English language, Literature & Culture”	National	17 Dec. 2020	Department of English, University of Jammu	Resource Person	Delivered talk on the topic “Research Methods in English”
2. Online National Webinar on “21 st century South Asian Fiction in English: Trends and Transition”	National	22 Oct. 2020		Resource Person	Presented paper on “Polyphonic Undercurrents and Cultural Crosscurrents in South Asian Literatures”
3. One week International	International	8-13 Aug.2	Higher Education	Keynote Address	

ANNUAL REPORT 2020-21

e-workshop on “Language Translation Skills”		020	Deptt. J&K in collaboration with National Translation Mission, CIIL		
4. International Webinar on “Imagination Expression and Transformation: Creating the World with Words”	International	22-24 May 2020	Shri Sangameshw ar Shiksha College Chadchan Karnataka	Plenary Speaker	Topic of Talk- “Feminist Utopian Dystopian Paradigms in Literature”

Dr. Neena Gupta Vij

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
Workshops:					
Three-Day National Workshop (ONLINE) “Development & Standardization of Tools for Research in Social Sciences”	National	6-18 June 2020	Centre for Assessment & Evaluation, "School of Education, Central University of Jammu under the aegis of Pandit Madan Mohan	Participant	

ANNUAL REPORT 2020-21

			Malviya National Mission on Teachers and Teaching		
Webinars and Lectures attended:					
One-day International Webinar on "English Language Competence: the Need of the Hour,"	International	25 July 2020	Department of English, Anwarululoom College, Osmania University, Hyderabad	Attended	
National Webinar on "Pandemic In English Literature",	National	18 July 2020	Department of English & IQAC, Don Bosco College, Golaghat, Assam in collaboration with St. Philomena's College, Mysore	Attended	
Lecture on "Diasporic Literature" delivered by Dr. Hemlata K.,	National	7 June 2020	Department of English, Isabella Thoburn College, Lucknow	Attended	
Webinar on "Shakespeare: Indianization in	National	06 June 2020	Department of English, Faculty of	Attended	

ANNUAL REPORT 2020-21

Literature and Culture”			Media Studies and Humanities, MRIIRS, Faridabad		
One-day International Seminar on "Pandemic, Literature and Life Crisis,"	International	4 June 2020	S.A. Jain (PG) College, Ambala City	Attended	
International Webinar on Postcolonial Negotiations: History, Literature and Culture	International	3 June 2020	Department of English, SKB University, Purulia, West Bengal.	Attended	
National Webinar on “Online Language Teaching: Resources, Challenges and Opportunities”	National	3 June 2020	PG Department of English, Rajapalayam Rajus’ College, Rajapalayam-626117, Tamil Nadu,	Attended	
International Webinar on “Literary Spaces and Covid-19: Predicaments and Possibilities”	International	2 June 2020	Department of English, Central University of Jammu	Attended	
One day National Webinar on the topic “Syllabus For English Studies In India: Post-Corona Challenges”	National	19 May 2020	Department Of English, Government P.G. College, Sector - 1, Panchkula	Attended	

ANNUAL REPORT 2020-21

Presented Papers:					
Two-day National Webinar on "Inequalities of Opportunity and Challenges to Democracy"	National	16-17 May 2020	Shia Post-Graduate College, Lucknow	Paper Presentation	"Globalised Poverty: The Fallout of an Unequal World Order."
Two-day National E-Conference on "Language & Literature"	National	28- 29 May 2020	Department of Languages, SAROJINI NAIDU VANITA MAHA VIDYALAYA	Paper Presentation	"Revisiting the Diasporic Imaginary during Covid'19"
International Webinar on "Cultural Stasis: Corona the Loss/Gain to Humanity"	International	2-3 June 2020	Organized by Department of English, PG DAV College, Varanasi	Paper Presentation	"Lockdown Literature: A Prequel to Post-Pandemic Awakening"

Invited Guest Lecture/ Resource Person :

- **Resource Person :**

- i. The 3rd Induction Program in Online Mode during the period 25 November to 31 December 2020, organised by UGC-HRDC, Doctor Harisingh Gour Vishwavidyalaya, Sagar, on 19December 2020. Title of the lecture delivered: "Feminism and Gender Studies."
- ii. International Faculty Development Programme on Research in Virtual World Jointly Organized by Department of English, Manav Rachna International Institute of Research and Studies, India, Cape Comorin Trust, India, Grand Academic Portal in Association (Gyan-Adhyanyan- Parampara), India and Lavender Literary Club, India from 01-07 September 2020. Title of the lecture delivered: "Critical Trends in Research: An Overview."
- iii. Two-day Workshop titled "Words Matter: Smart Steps to Build an Effective Vocabulary" organized by the Department of English, GGSDS College, Chandigarh, on 21- 22 July

ANNUAL REPORT 2020-21

2020. Title of the lecture delivered: “Vocabulary : An Important Component of Language in Translation.”

- iv. “Innovative Pedagogical Techniques for Excellence” in the live Webinar on 13 June 2020, organised by IQAC Cell, Govt. Narmada College Hoshangabad, (M.P). Title of the lecture delivered: “Communication and its Barriers.”

- **Session Chaired :**

Three-Day International Virtual Conference (16-18 September 2020) on GENDER STUDIES Organised by Cape Comorin Trust, India and Lavendar Literary Club, India in Collaboration with Al-Maarif University College, Iraq; Jatiya Kabi Kazi Nazrul Islam University, Bangladesh, Department of Folklore; University of Creative Technology Chittagong, Bangladesh, Department of English Language and Literature; Khurasan University, Afghanistan, Faculty of Social Sciences, Department of English Language and Literature; Great Imam College, Iraq, Department of Religion Basics.

Dr. Mirza Ahmed Afzal Farooq

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
National Webinar “Cervical Cancer”	National	11 October 2020	PHULKARI CAN in collaboration with, Guru Nanak Dev University, Amritsar	Attended	

ANNUAL REPORT 2020-21

Dr. Raj Thakur

Theme of the Conferences/Seminars/ Workshop Attended	Regional/ National/ International	Dates	Organizer	Keynote Speaker/ Chaired/ Co-Chaired/ Resource Person	Title of the Talk/Paper Presented
Talk Delivered in the "Cultural Studies Colloquium"	National	19-20 June 2020	Organised by the Department of English CRM College, Hisar, Haryana	Speaker	"Cultural Studies: Text and Textuality"

Dr. Parveen Kumari

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
Online International Conference on "Diaspora in the Era of Globalization: An Interdisciplinary Conference"	International	23-24 July 2020	Department of English, Vardhman Mahaveer Open University, Kota in association with The Shakespeare Association (India)	Paper Presented	"Problem of Identity and Space in Dalit Diasporic Testimonies"
Delivered talk in English Literature Webinar Series 15-24 June 2020	National	20 June 2020	Department of English, Baikunthi Devi Kanya Mahavidyalaya, Agra	Speaker	"Dalit Women's Life Narratives: A Study of Voice and Agency"
Two Day International E-Conference on "Human Resilience in the Times of Crisis"	International	27-28 May 2020	Department of English and Psychology, St. John's College, Agra	Paper Presented	"Baby Kamble's <i>The Prisons We Broke</i> and Baby Halder's <i>A Life Less Ordinary: Narratives of Resilience</i> "

ANNUAL REPORT 2020-21

Faculty Publications :

Dr. Neena Gupta Vij

Name of the Author(s) (Main Author then co-author)	Article/Research paper/Book/ Book Chapter/Any Other	Name of Publisher	Name of the Magazine/Journal/Book	ISSN/ISBN No.	Year of Publication
Editors : Neena Gupta Vij and Raj Gaurav Verma	Book: <i>Diasporic Writings: Narratives Across Time and Space</i>	Value Publication		ISBN-10-819445817X	2020
Neena Gupta Vij	Chapter: "Rethinking the Diasporic Imaginary in Times of Corona Crisis."	Sarojini Naidu Vanita Maha Vidyalaya, Hyderabad	Book: <i>Language and Literature e-Book</i>	ISBN: 978-81-922167-2-0	2020

Dr. Mirza Ahmed Afzal Farooq

Name of the Author(s) (Main Author then co-author)	Article/Research Paper/Book/ Book Chapter/Any Other	Name of Publisher	Name of the Magazine/Journal/Book	ISSN/ ISBN No.	Year of Publication
Dr. Mirza Ahmad Afzal Farooq	Paper titled "Resistance of the Subalterns in Bengali Literature: Foregrounding Bankim Chandra Chatterjee's Krishnakanta's Will"		The Proceeding of International Conference organized by Manav Rachna University, Faridabad, Haryana		2020

ANNUAL REPORT 2020-21

Dr. Raj Thakur

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
Dr. Raj Thakur	Paper: "Terrorism as a media specific event: Performative frames of Uri and Pulwama Indian news media"		<i>Media Watch</i> . Vol . 11 (1)	ISSN 0976-0911 E-ISSN 2249-8818	2020

Dr. Parveen Kumari

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
Dr. Parveen Kumari (Co-authors: Prof. Anupama Vohra and Prof. Jasbir Singh)	Chapter: "Women Empowerment and Swami Dayanand Saraswati"	Indu Book Services Pvt. Ltd. (New Delhi)	Title of the book: <i>Social Philosophy of Swami Dayanand Saraswati</i>	ISBN: 9789386754622	2020

Department of Economics

About the Department :

The Department of Economics started functioning from September, 2011. The department to begin with offered M.A programme in Economics and the very next year it offered Integrated M.Phil-Ph.D Programme. So far, 8 batches have completed their Master degree programme, 10 scholars have got their M.Phil degree and 02 scholars have got their P.HD degree. Now, the department offers direct Ph.D programme. At present, the faculty strength is of 4 Assistant Professors. The faculty of the department is working in areas of Health Economics, Agricultural Economics, Labour Economics, Public Economics and International Trade.

The Department offers various distinguish courses like Game theory, Econometrics, Labour Economics, Cooperative Economics, Health Economics.

The Alumni of the department are well placed in various fields viz academia, planning, banking, corporate etc.

Department of Economics has organised an awareness Campaign on the occasion of Women's Day for the rural women under community engagement programme to strengthen the understanding and ties between people of different races, religions and encourage different sectors of society to pick up skills and knowledge in coping with emergencies on 8th March, 2021.

Preeti Gupta

- i) Seven Days FDP On 'ICT Tools in Education' from 1st February to 7th February organized by School of Education under the aegis of PMMMNMTT Scheme, Deptt. of Higher Education, Govt.of India.
- ii) 5 Days FDP on 'Development of E-Content Avoiding Plagirism' organized by Govt College Parade Ground, Jammu from 24th -28th June,2020.

Dr. Susanta Nag

- Participated in the International Webinar entitled Women in 'STEM' held on May 23, 2020 (Saturday) organized by School of Education, Central University of Haryana, India.
- Participated in the One Week National Level Faculty Development Programme on Effective & Quality Research Writing organized by the IQAC, Patrician College of Arts and Science, Chennai from 7th June to 13th June 2020.

- Participated in Faculty Development Programme on “Research Indicators, Resources, Plagiarism and Academic Integrity” organised by the Knowledge Resource Centre, Patrician College of Arts and Science, Chennai from 22nd June to 26th June 2020.
- Participated in the National Webinar on “Epidemic and Public Health: Colonial India’s Experience” organised by Loyola College (Autonomous), Chennai on 2nd June 2020.
- Participated in the One Day National Online Webinar on “COVID-19 & survival of Indian Economy” organized by PG & Research Department of Economics, National College (Autonomous), Tiruchirappalli - 620 001, Tamil Nadu on 29th May 2020.
- Participated in the National Webinar on “Covid-19 and Social Security Measures for Unorganised Workers in India” held on 28th May 2020 organised by the Social Transformation Centre, Madurai Kamraj University, Madurai.
- Participated in the One Day International Virtual Conference held on “Novel Corona and Novel Challenges: Life Ahead with Covid-19” organised by UGC Cell Sri Guru Gobind Singh College On 03 June, 2020.
- Participated in the faculty development program organized by Mar Gregorios College of Arts & Science, University of Madras, June 2020.
- Participated in One Day International Webinar organized by Bhai Kahan Singh Nabha Library, Sri Guru Gobind Singh College, Sector-26, Chandigarh on June 04, 2020.

Preeti Gupta

- i) National level webinar on Passive Income Opportunities in Renewable Energy held on 20th June, 2020 by Quasar Innovation solutions, Mumbai.

Anil Kumar Bharti

- i) National Level Webinar on “Covid-19 and Indian Industry- Challenges Ahead” organised by Post Graduate & Research Department of Economics, The American College, Madurai on June 23, 2020.
- ii) National Level Webinar on “Impact of Covid-19 on India’s External Sector” organised by Post Graduate & Research Department of Economics, The American College, Madurai in association with Indian Economic Association on June 19, 2020.
- iii) National Level Webinar on “Covid-19 and Indian Economy” organised by Post Graduate & Research Department of Economics, The American College, Madurai held on June 11, 2020.
- iv) Attended e-National Seminar on “International Economic Depression & Covid-19 and its Impact on Environment and Economy “organised by Post Graduate Department of Economics, Rajeev Gandhi Govt. PG College Ambikapur on 10th June 2020.