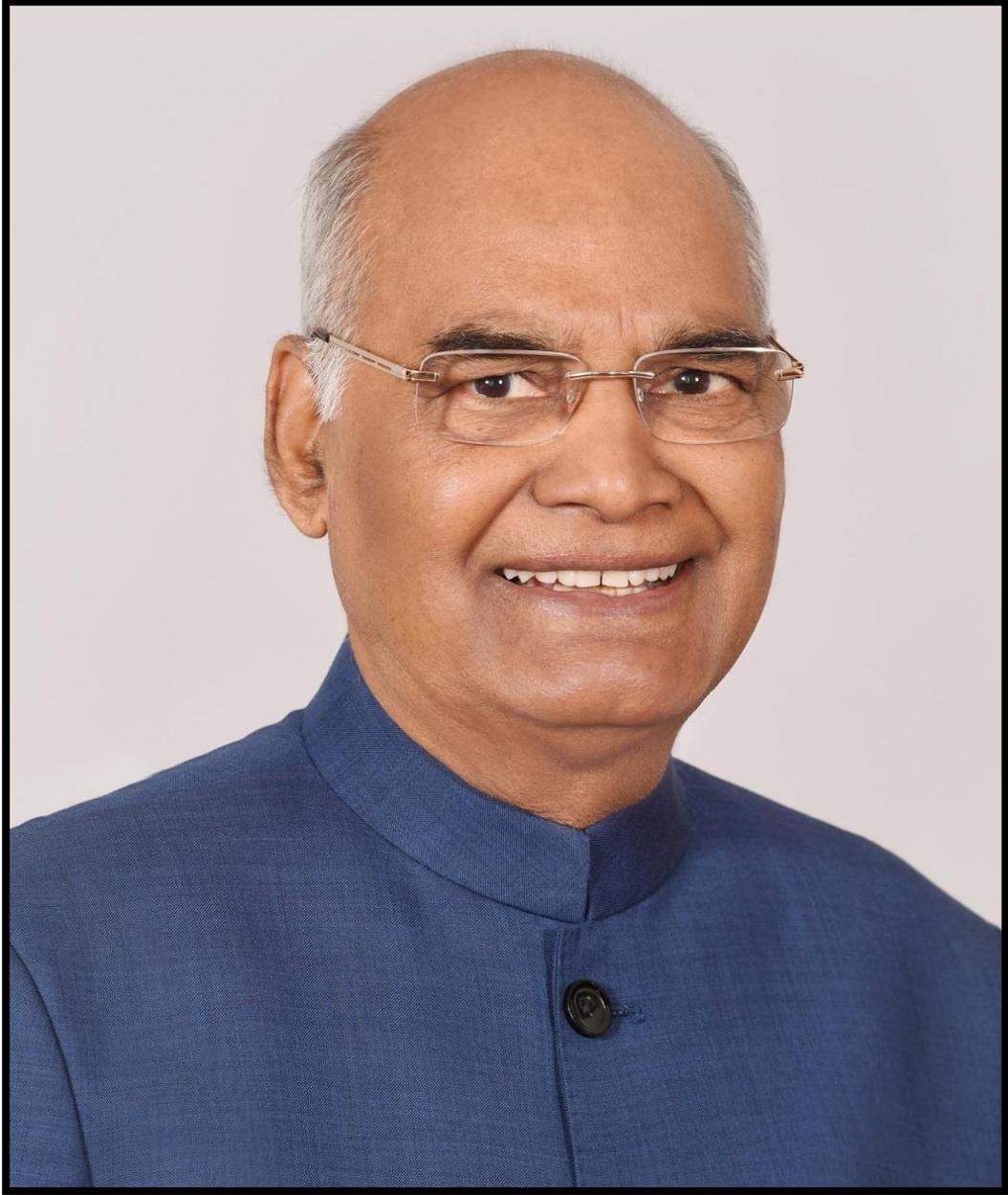


CENTRAL UNIVERSITY OF RAJASTHAN



Twelfth Annual Report

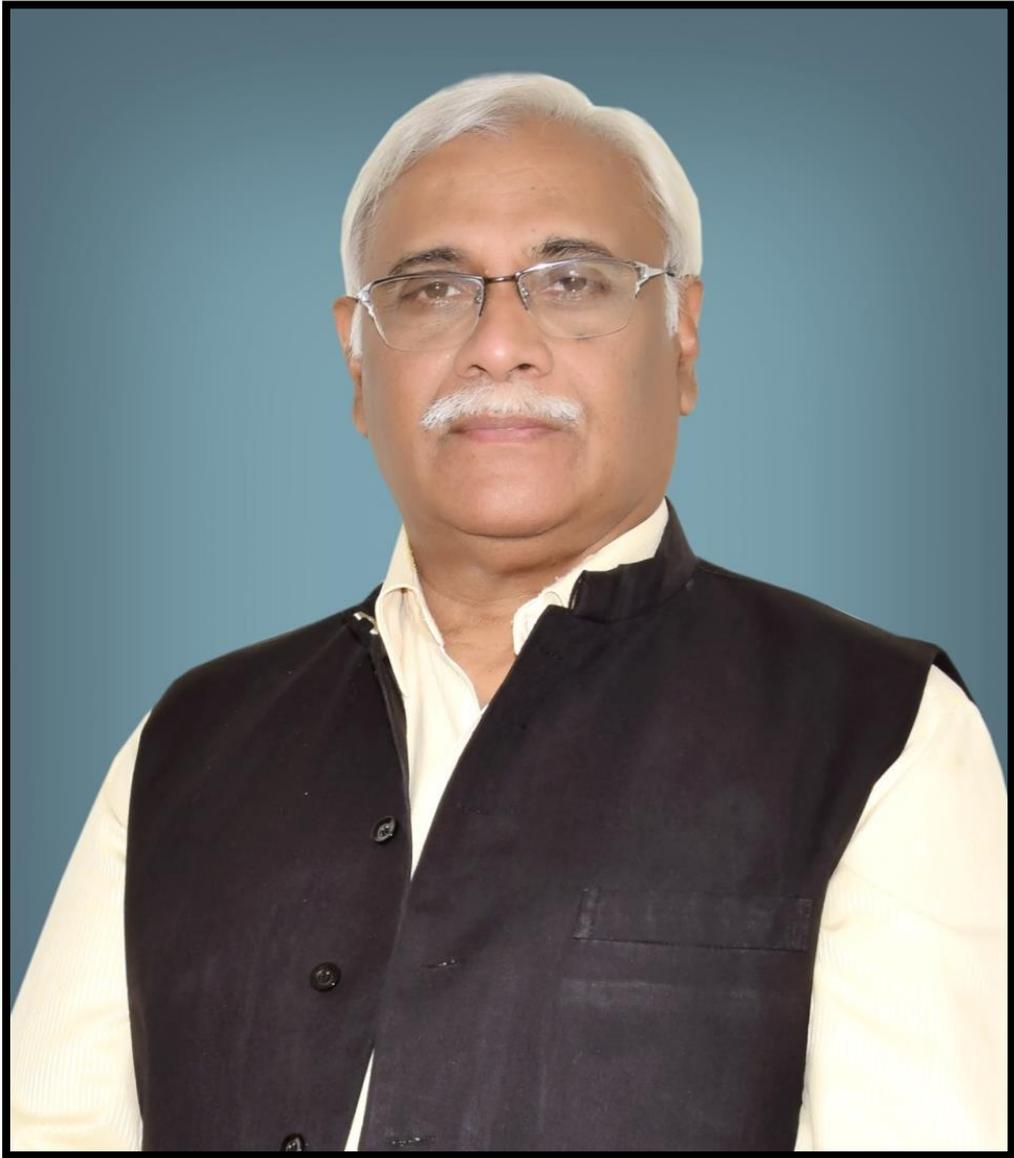
2020-21



The Visitor
President of India
His Excellency Shri Ram Nath Kovind



**Chancellor
Dr. K. Kasturirangan**



Vice Chancellor
Prof. Arun K Pujari
Till 04-10-2020



Vice Chancellor (i/c)
Prof. Neeraj Gupta
05-10-2020 till date



Contents

S. No.	Name	Page No.
1	From the Former Vice Chancellor's Desk	1
2	From the Vice Chancellor's (i/c) Desk	3-4
3	The Vision, Mission, Goals, Objectives and Quality Statement	5-6
4	University at a Glance	7-17
5	Academic Information	18-31
6	Infrastructural Facilities	32-42
7	Student Support System	43-45
8	Events	46-56
9	Extension Activities	57-65
10	Schools and Departments	66-138
11	Faculty: Academic Endeavours	139-181
12	Faculty Publications	182-236
13	Extramural Funded Projects	237-245
14	Thesis and Dissertations	246-275
15	Students' Placements and Achievements	276-282
16	Gender Audit	283-292
17	Authorities of the University	293-304
18	List of Faculty/Officers/Staff	305-311



From the Former Vice-Chancellor's Desk

It is indeed an honor for me to have led the Central University of Rajasthan as Vice-Chancellor for a full tenure of 05 years from 2015 to 2020. Undoubtedly, the entire span had been fruitful and rewarding in terms of institutional as well as individual growth. Yet, the last stretch of the journey was of a phenomenal kind in that it covered the Pandemic-hit period during which the University did exceptionally well in terms of our outreach to students located across the nation and our shift from brick-and-mortar teaching-learning set up to the techno-mediated virtual space. I am happy to put it on record here that the whole university staff joined hands and metamorphosed the institution into a fully virtually functional centre of higher education in the state. For this I am really thankful to each individual from the University fraternity. But for their concerted efforts, the year under report here 2020-21 could not have registered anything worthwhile to showcase.

Since a University is primarily known for its knowledge generation, I feel genuinely contented with the volume and nature of research work produced by the University during these extra-ordinary times when even keeping up routine work has been a challenge elsewhere. And the full credit is due to our researching-teachers who have also carved their niche at the global level. I hope our contribution in the fight against Covid-19 will get acknowledged in the times to come as more and more gets known about the counter-Covid knowledge-base. Besides all this, the uninterrupted and glitch-free continuity of academic activities like Distinguished Lecture Series, Observance of days like Yoga Day, NSS Day, Matribhasha Divas and others merit mention as an evidence of the unflagging spirit of our institution.

I also take this opportunity to wish the best to Prof Neeraj Gupta to whom I handed over the charge. He has carried on the work seamlessly in the entailing phase. The University is well on its path to excellence and I wish a very high curve of progress for the institution as well as individuals.

By way of gratitude, I thank Ministry of Higher Education and the UGC for having given me the opportunity to lead the University and for all the support necessary to have run it smoothly even through a rough phase of our national life.

(Prof. Arun K Pujari)
Vice Chancellor



From the Vice-Chancellor's (I/c) Desk

I feel really honored to be at the helm of the Central University Rajasthan as Vice Chancellor (in-charge) in succession to Prof. Arun K Pujari since 4th October 2020. The responsibility thus devolved has unfolded opportunities as well as challenges. While the pandemic of Covid-19 has spawned so many constraints, it has also helped bring forth the spirit of innovation and enterprise during the year under report i.e. 2020-21. And as a reflection of our collective efforts at meeting the challenges head-on as well as our commitment to the avowed aims of academic excellence and value-based education, it is my pleasure to present the 12th Annual Report of the University. It embodies how and to what extent the University, as a whole, has been able to redeem its pledge to bridge all divides for a more equitable society.

While there is no denying that these were hard times and the whole world reeled under the pressure of unavoidable lockdowns and loss of human lives, the University switched over seamlessly to online education and ensured that all activities – academic, administrative, evaluatory—be conducted not only uninterrupted but also equitably so that none of the stake-holders may feel left out. One testimony to these concerted efforts is the progress trajectory of our students in national-level exams like NET, GATE etc. Another is the unbroken continuity of the whole University paraphernalia as a system. The admissions to various programs were done in a transparent and zero-compromise-on-quality manner. This all could happen through concerted efforts at all levels. Besides, the various bodies like SPARSH – ‘Sensitization, Prevention and Redressal of Sexual Harassment’ (for gender parity), NSS, Community Development Cell, Innovation Club etc. performed their functions commendably in tandem with one another to keep the system absolutely hassle-free as well as salubrious for all involved.

More importantly, the university not only kept up its contribution to capacity building of teachers through programs under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT) but also took extra measures to bolster up the cause of NEP 2020 and Indian Knowledge System so that the switchover may hasten in a qualitative fashion. For this, a number of training programs, webinars and such events were geared up in a finely-calibrated mode. In addition, the research work produced or coming to fruition during the year under report amply testifies to the global visibility of our researcher and teachers. Our work towards fighting Covid-19 has also been acknowledged from various quarters. Thus, the University has made every endeavor to work towards realization of the goals of nation-building, equitable society, and value-based education for all.



With this broad-strokes picture of our progress in 2020-21 session, I feel really urged to thank our former Vice Chancellor Prof. Arun K Pujari, the university staff—teaching as well non-teaching-- and students for making our experience worth recounting in this Annual Report. I also express gratitude to the Ministry of Education and the University Grants Commission for their unflagging support.

Lastly, a word of appreciation is due here for various teams that have put together our year-long work in a gracefully presentable form. And once again, to end on a note of exhortation, I reiterate our commitment as centre of higher education towards making our nation value-strong, knowledge-strong, technology-strong while preserving our cultural-ecological heritage.

(Prof. Neeraj Gupta)
Vice Chancellor (I/c)



The Vision, Mission, Goals, Objectives and Quality Statement

Vision

The Central University of Rajasthan aspires to be one of India's most dynamic and vibrant universities, responsive to the changing global trends, providing unparalleled educational opportunities for the learner community especially for those coming from the lower socio-economic strata of society seeking quality education. It proposes to offer innovative undergraduate and graduate academic programmes as well as continuing personal and professional enrichment in selected areas that will lead to the formation of a scholarly community by advancing, sharing and applying knowledge and by facilitating the development of thoughtful, creative, sensitive and responsible citizens.

Mission

The mission of the Central University of Rajasthan is to contribute to and work with a sense of commitment towards the educational, cultural, economic, environmental, health and social advancement of the region and the nation at large by providing excellent undergraduate liberal education and quality programs leading to bachelors, masters, professional and doctorate degrees.

Goals

- To facilitate accessible and affordable quality education that equips the students with scholarly and professional skills, moral principles, and global perspectives.
- To strengthen both faculty and student research addressing basic and regional problems.
- To integrate national and international perspectives into our fundamental four-fold mission of teaching, research, extension and consultancy.
- To explore knowledge and wisdom in order to build a wealth of interdisciplinary academic resources indispensable for sustainable development to accomplish the status of a leading research-intensive university; and to engage in transferring knowledge and technology to the community in order to strengthen and elevate the community potential, and to increase the competitiveness of India at the global level.
- To employ the strategy of proactive management of the university administration and to operate the system within a sensible framework of high-quality governance based on efficiency, transparency and accountability.
- To formulate the University as one of the best places in the world to attain intellectual skills and acquire an affirmative mindset to thrive in an increasingly



internationalised and competitive job market simultaneously acting as responsible citizens of the global community by the inculcation of value-oriented education.

Objectives

- Building character values and simultaneously forging the careers of the students by developing analytical thinking, individual initiative and responsibility.
- Providing flexible, innovative academic and research programmes and support structures that are responsive to a broad range of learners and regional needs.
- Facilitating a wide range of learning opportunities for learners engaged in graduate, postgraduate and research programmes.
- Encouraging considerate and accountable faculty-student participatory interaction on local, state, national and international affairs.
- Recognising a special obligation to educate the students coming from minorities and lower socio-economic strata of society.
- Undertaking research and consultancy on the challenges the region is facing and contributing its expertise for the community.
- Providing means for capacity building for leadership and service through academic programmes, campus activities and creating opportunities for community involvement.

Quality Statement

In order to meet the challenges of the knowledge era and to keep pace with the knowledge explosion in Higher Education, the Central University of Rajasthan is committed to inculcating and sustaining quality in all the dimensions of Higher Education viz. teaching, learning, research, extension and governance while catering to the regional and global needs.



University at a Glance



The Central University of Rajasthan has successfully completed a journey of 11 years starting in the year 2009 and has emerged as one of the fastest growing, flourishing institutes of higher education in Rajasthan. The wide open, green and pollution free campus provides an aesthetic and salubrious environment to nurture and optimize the academics, research and holistic development through suitable engagements in sports and cultural activities that are crucial for maintaining well-being and accomplishing potentials. Currently, Prof. Neeraj Gupta is the In-Charge Vice Chancellor under whose leadership; the University has blossomed as a centre for higher education. As senior most faculty of the university, Professor Gupta took over the charge of Vice-Chancellor, on completion of term of Professor Arun K Pujari on 4th October 2020.

Contours of Academic Growth

In the last eleven years, from a humble beginning, now the university has 32 Academic Departments across 12 Schools. A wide array of Ph. D, PG and Integrated programs is offered across the Departments and Schools. The university has adopted the Choice Based Credit System (CBCS) to encourage the students to learn the different courses of their interest and gain sufficient knowledge and skills. All the students are also encouraged to enroll in the online courses offered through NPTEL and SWAYAM to expand the horizon of learning. The programs at CURAJ are highly standardized and designed to give high employability, with apt mix of knowledge and skills and the programs have a focus on sustainable development keeping in line with the vision of the university i.e. to develop thoughtful, sensitive, responsible citizen. The different disciplines like, Yoga Sciences,



Sports Sciences, Digital Society, Big Data Analytics, Cultural Informatics, Atmospheric Sciences have been introduced in line with the emerging global trends. In continuation, other courses are also revised, updated from time to time through rigorous process of academic deliberation to incorporate advancement of knowledge in the discipline concerned. In the academic session 2018-19, the major development was initiation of the School of Sport Science supported by Ministry of Youth Affairs and Sports, Government of India with three Departments, namely, Sports-bio Sciences, Sports Mechanics, and Sports-Psychology. All these Departments are in the process of establishing their laboratories, and designing syllabus and other academic activities. The Department of Sports Psychology started the first batch of MA/M.Sc Sports Psychology in the year 2020-21. All other newly initiated Departments and courses, on Yoga sciences, Big data Analytics, MA in Digital Society, Cultural Informatics are successfully growing and making due academic progress.

In the year 2019 in pursuant to the Government Memorandum and directions of the UGC, CURAJ constituted an internal committee and increased the seats in various programs to accommodate students and researcher scholars from Economically Weaker Sections (EWS) of the society. In the session 2020-2021, all the Departments and courses successfully admitted the students under the EWS category. The university is continuously making the best of its effort to promote the academics and research work. Moreover, all programs are designed towards enhancing intellectual skills that could effectively cater to the regional and global needs towards making an inclusive, equal and just society.

Convocation of a university is truly a serene event. Convocation is a rite of passage in academic life that all students wait to enjoy as they complete the colourful journey after accomplishing an academic degree in the university life. The 6th Convocation of the University was held on 3rd December 2019, where students were awarded degrees and gold medals as testimonials of their academic endeavors. The occasion was graced by the Chancellor, Dr. K. Kasturirangan, along with other notable dignitaries of academic world. Dr K Sivan, Chairman of ISRO (Indian Space research Organization) was the Chief-Guest for the occasion. In the recent time, he is one of the most renowned space scientists and the Chief Architect of the mission “Chandrayan-2” of India that establishes a milestone in the history of space research. Dr. Sivan delivered a very inspiring speech to the graduates to work on the challenges and to learn from every step in the journey of life. On this occasion, 44 research scholars received Ph. D. degree and a total of 583 students received their degrees. In this convocation, 40 students received gold medals too. From the year 2018, The Chancellor’s Best Faculty Award was introduced by Central University of Rajasthan to promote academic spirit among the young faculty members. The 2nd Chancellor’s Best Faculty Award was given in 2019 to three faculty members of the Central University of Rajasthan, following a rigorous process of selection. In 2020, due to the pandemic, the convocation was not held. It will be conducted whenever the situation gets normal again.



State of Infrastructure

The edifice of academics rises on the strength of its infrastructural frame. The University is richly equipped to offer state-of-the-art facilities for accommodation, classroom teaching, laboratory work, library experience, recreation, physical fitness, sports, day-to-day household needs, and tele-communication. There are 07 well-furnished hostels for the students; lush green football and cricket fields, volleyball grounds, outdoors tennis courts while there are badminton and Table-tennis courts indoors. Besides, there are other facilities like Meg Mess (with the capacity of about 500 diners at a time), Laundry (with 06 operators), on-campus Bank, Post office, Day-Care Centre, Incubation Centre and so on. Hostels provide salubrious environs and facilities like Vending Machine and Incinerators, reading rooms and common lounges. The University auditorium located near the hostel buildings is a place for various evening functions and cultural activities. In front of the hostels, the open plaza is aptly designed to encourage open discussion, creative thinking and peer learning. Besides, the University is well equipped with latest technology whether it is in the case of laboratories or the library (Inflibnet and other e-resources) or the classrooms (with projectors and video-conferencing facility). The ICT cell of the University has made available Internet facility under NMEICT. Optical fibre connectivity is also in place. Now, WiFi using OPEX through RailTel is being made available. There are already about 1200 LAN points in place. The students have all facilities for indoor and outdoor sports apart from separate gymnasium for boys and girls. Another Hostel building which was under construction in 2019-20, is ready for use from the session 2021-22. The building can accommodate 150 girls and having independent mess, indoor games, recreational and other facilities. Further, construction has been initiated for 64 units of staff quarters, the instrumentation laboratory and building for the School of Education that will accommodate the Department of Education and Yoga.

The crowning glory of the infrastructure is the University Guest House. The university has imbibed various systems to support the sustainable development within its infrastructure and facilities. Solar panels have been installed, rain water storage and harvesting system is in place. A massive plantation drive is undertaken every year to increase the green coverage. The waste disposal systems are well placed to ensure healthy and hygienic environment. The University has well-designed residence for the staff apart from formidable buildings for academic Departments and administrative apparatus. For education of staff children and for those from neighbouring communities, Kendriya Vidyalaya and pre-school are also available on campus.

Learner-centric and Student-friendly Module

Learning in its entirety is constantly highlighted in the student friendly approach of CURAJ. Students are always given enough chances and opportunities to explore their capabilities, learn new skills and think through the process to establish them as successful



professionals. The system of admission, examination, grading, and other academic engagements are most transparent as students can give and receive feedback, learn in a supportive, nurturing environment. The students from all over India and even from foreign nations join for their academic pursuit that truly represents the *Unity in Diversity* and *Spirit of National Integration*. The student in-take through Central Universities Common Entrance Test (CUCET) is perfectly in line with the idea of 'social inclusion'. With the facility of Choice-based Credit System, Audit Courses, Open Electives and MOOC courses through SWAYAM and NPTEL, the academic structuring is strongly learner-centric. There is a Central library with a vast collection of books and online resources are also available to explore the world of knowledge. The students are facilitated to get financial support through various fellowships from state and union government agencies.

Extra-Curricular Activities

Giving opportunity is most crucial for nurturing the inner potential of the student that facilitates holistic development with a perfect balance between physique and psyche for maintaining good health and well-being. Therefore, a number of extra-curricular activities are conducted to bring suitable mix and balance of academic, sports, culture, societal voluntary engagements and other activities. To foster and show-case the creative talent of the students, the University has constituted Cultural Committee, Sports Committee, and also has active NSS unit in addition to various activities round the year. Due to the limitations of pandemic, many of the activities could not be conducted, but the committees have made best effort to take up various activities through the virtual platform and also guided the students to maintain an active and healthy living. Within the Cultural Committee, there are five clubs, namely Literary Club (*Abhivyakti*), Drama Club (*Abhinaya*), Dance Club (*Nrityada*), Music Club (*Sargam*), and Art Club (*Kala-Kriti*). Each of these clubs organized various events where the students enthusiastically participated and added colours, vibration and enjoyment in virtual campus life. To celebrate *Matribhasha Diwas 2021*, on the theme of "fostering multilingualism for inclusion in education and society" that represented the cultural and linguistic diversity within the University, the cultural committee organized a *Kavi- Sameelan* by inviting 8 poets from different parts of India to recite their poems in their mother tongue. The university also encouraged the students to take part in various activities to celebrate "Hindi Pakhwara" and encouraged learning Hindi. Cultural events like essay writing, poster making and quiz competition were organized through online platform to observe the Vigilance Week on the theme "Vigilant India Prosperous India". On the International Yoga Day, the University organized Yoga event for the faculties and also for the students through virtual mode. Further, Department of Yoga has started online yoga sessions for all the student and staff through virtual mode between 7 and 8 AM. The students and faculties are participating regularly; that has an important effect on facilitating healthy living and well-being in the situation of ongoing restriction due to pandemic.



The 13th Foundation day of the University was celebrated on 3rd March 2021. On this occasion, Prof. (Dr.) H. R. Nagendra, Chancellor, S-VYASA University, Bangalore and Former Scientist, NASA delivered the Foundation Day Lecture. On this occasion, all the retired faculty and staff members of CURAJ were felicitated as a token of honour and gratitude. During the event, the Doctor and other staff of the University Health Centre were given special honour as Corona Warriors of Central University of Rajasthan. The program was conducted in a blended mode, as the staff attended the program in University Auditorium and the students attended through virtual mode.

The faculty coordinators and the student volunteers of NSS conducted various activities throughout the year. In the year 2020-21, a host of activities were held through virtual mode. A webinar was organised on the occasion of "World Environment Day- 2021" for creating awareness. Further, various competitions were organized by the NSS-CURAJ for the celebration of International Women's Day on March 08, 2021 on the theme, "Women in leadership: Achieving an equal future in a Covid-19 world". Road Safety webinars were organized in a series on 6th, 13th and 17th February 2021. NSS observed 125th Birth Year Celebration of Netaji Subhash Chandra Bose as "Shaurya Divas" on 23rd January 2021. A documentary based on the life of Netaji was presented in the program. Students presented songs and poems. Quiz and essay competition was also organized. Ms. Raksha Sharma was selected for the Pre Republic-Day camp and she participated in the same.

Students are at the core of the University system, and their achievements always have made the University proud. The University is proud to have scores of achievers amongst its alumni and equally high number amongst those still pursuing their courses at the university. Most importantly, students from different discipline have qualified National level tests conducted by UGC, ICSSR, and CSIR. Students of CURaj have showed their talent at several sports and cultural events at national and regional levels. The Ph.D. scholars have made a number of presentations in various national and international conferences. A few Ph.D. scholars have been successful in securing scholarship and post-doctoral opportunities abroad. Likewise, several students from different Departments have made a mark in various fields.

Faculty Profile

Teachers are one of the most important pillars in the academic success of a University. Centers of higher learning are best known by the quality of teachers they have. CURAJ is proud to have a very young and energetic lot of faculty members, who have had their education and research experiences from highly reputed and top notch institutions of the country for e.g., IITs, IIMs, AIIMS, JNU, HCU, DU, ICGEB, NCL CDFD, CDRI, NIMHANS and many other Central Universities, and Centres of Excellence. Besides, many of the faculties have research experience from top foreign institutions of USA (Washington University, University of Chicago, Ohio State University, The Rockefeller University, Scripps Research Institute,



Rutgers University, University of South Alabama, Cornell University, University of Rochester, Texas A&M University, California State University, Indiana University, University of Kentucky), Canada (University of Alberta, Environmental Health Science and Research Bureau), Germany (University of Muenster, University of Munich, Max-Planck Research Unit), Australia (University of Queensland), Japan (Okayama University, Kyoto University, University of Tokyo), Italy (University of Bologna), Israel (Tel Aviv University), and Singapore (National University of Singapore).

The expertise of highly qualified teachers is thus ensured for proper mentoring and growth of the learners. During the year under report, the University faculty members presently are working on more than 110 research projects worth more than 100 Crores from funding agencies like DST, CSIR, DBT, ICSSR, SAC, SERB, NCW, NHRC and UGC.

Employment Initiative

The institute of higher education has an important responsibility to generate highly skilled responsible professionals according to the changing needs of the time. Thus, meeting the needs of the job sector and industrial demands for appropriate human resources is always kept in the forefront, while designing the syllabi and providing practical field exposures to the students. The motto of the university is not just to educate students but also to make them employable or entrepreneurial so that they can contribute responsibly in the advancement of the nation. The competencies and capabilities of young India is most important for changing the socio-economic paradigm of the country. The Placement Cell of the University not only provides placement assistance to the students in relevant organizations but also helps the students of the University in their career planning, preparation for selection tests, summer placement, internship and final placements. The Placement Cell is working on liaising with the senior executives of reputed organizations for the development of industry links with the university. It is making all efforts to match students' career aspirations with the requirements of these industries and organizations. Keeping in view the demand and preference of the various industries, the Cell is also looking for all round development of the students. In this direction, various activities like aptitude test, group discussion, guest lectures and training from corporate personalities are being organized from time to time by the placement cell. Each of the department developed their placement brochure with the basic details of the students willing to join in the placement drive and subsequently, the brochures were sent to number of prospective companies and agencies. A few companies visited the campus during February and March. But due to Covid-19 situation and non-availability of students on the campus, the companies further could not come to the campus and carry over the recruitment process. But still, some of the companies did their recruitment process through online mode and about 10% of students had the opportunity of getting the placement. Depending upon the improvement in COVID situation, again the placement activities can be brought on track soon.



MOUs and Partnerships

Staying connected is today the surest way of staying updated. Keeping with this spirit, the University has tied up with various institutions of international and national stature for educational and professional purposes. Some of these are: University of Castilla-La Mancha (UCLM), Spain, Gorno-Altai State University (GASU), Russia, Monash University, Melbourne, Australia, California State University, San Bernardino, USA, Central Queensland University of Rockhampton in the State of Queensland (CQ University), Australia, Institute of Tropical Medicine, Antwerp, Belgium, Thuyloi University, Hanoi, Vietnam, UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN, México. The ones within the country are: GENPACT India, New Delhi, A3 Logics, Jaipur, Bank of India as a Banker of the University, Bank of India Professor Chair, MCX Stock Exchange Limited, Mumbai, Institute of Public Enterprise, Hyderabad, Centre for Budget and Policy Studies, Bangalore, Harideo Joshi University of Journalism and Mass Communication, Tripura University, Institute of Social and Economic Change (ISEC), Bangalore, INFLIBNET Centre, an IUC of University Grants Commission located at Ahmadabad, Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi. Besides, Centre for Technology Incubation, Community College and Community Radio are other ventures worth-mentioning. The recent ones are Curaj-Armstrong Collaboration, NIPAM (Nation Institute of Public Administration and Management) Namibia.

University-Community Engagement

The university has developed a Community Development Cell in compliance with the policy requirements of the Government of India. It has been functional since April 2015 to keep the university connected with the surrounding community. The Cell has adopted 05 villages of its vicinity, namely Sirohi, Mundoti, Khera, Bandarsindri and Nohria. The vision of the community engagement is to develop the nearby community through use of science and technology interface. To benefit the villagers, various activities like, drug awareness camp, cleanliness campaign, training of youths on leadership skills, and a host of other community welfare activities are conducted. In the neighbouring villages, the various initiatives taken were promotion of plantation, construction of soak pits, health sanitation activities, life-skills sessions, and personal hygiene sessions with adolescent girls. The Community Development Cell was reconstituted in February 2021 and the Cell further developed a plan for the azolla cultivation and vermicompost to ensure development of agrarian families and communities.

The University is also keen to explore and restore the rich cultural heritage of Kishangarh, which includes various stone carving, unique painting style, music, dance, and other creative forms of art. On the prominent walls of the important buildings, a local painter was invited and 6 colourful paintings that represented the Kishangarh art were made. On



various occasions the local cultural heritage is being portrayed to promote the cultural heritage of Rajasthan and Kishangarh in particular.

Inculcating Responsibility for a Brighter Future

CURAJ is always putting in the best of its efforts to improve its own standards and is committed to improve with and the passage of time. Therefore, university is untiringly committed to the task of generating ideas, and inculcating a sense of responsibility for a better world and brighter future for the university community as a whole. Towards this commitment, it regularly holds a number of academic activities, at the Department, School and University levels. During the session 2019-20, several expert lectures, conferences, seminars and workshops were organized. Besides, several research projects are underway. The University has recipients of INSA young scientist award, and similar prestigious accolades. Besides, the University has hosted illustrious academicians under GIAN (Global Initiative of Academic Networks).

In the same vein, the University hosts Distinguished Lecture Series under which different scholars of high caliber come to enlighten students, faculty members in various areas of human experience. These Distinguished Lectures cover a wide array of themes like classical Indian dance, spiritual wellbeing, renewable resources, innovation in science and technology, health and well-being. During the academic year 2020-21, the University hosted two Distinguished Lectures, through online mode. Each of the experts focused on the critical understanding and engaged the audience to reflect and learn from the session. On 15th July, the Distinguished Lecture was delivered by 'Padma Shri awardee' Prof. Deepak Phatak (Retd. Professor, IIT Bombay) on "Back to Basics". Another lecture was held on 1st March 2021 on Glorious Past - Fostering Future of Interdisciplinary Research in India: From Basic Sciences to Translational Endeavours", delivered by 'Shanti Swarup Bhatnagar Prize awardee' Prof. Debi P. Sarkar, University of Delhi. The purpose of Distinguish Lecture Series is to inspire, discuss and debate on a range of relevant topics and subjects of general interest that are most relevant to the time.

To promote scientific temperament and attitude among the students, on 25th February 2021, the National Science Day (NSD-2021) was observed in the University Auditorium using both online and offline platform, on the theme "Future of Science, Technology and Innovation (STI): Impact on Education, Skills and Work". The purpose of the event was to showcase the innovative science acumen of the students and the research scholars through poster presentations, science model exhibitions and podium presentations, which provided a platform to display their innovative science models and ideas. The graduate students, research scholars, and the faculty members joined the event and spent hours together on formal and informal discussion on various scientific themes both in offline and online mode.



Towards Attaining Higher Academic Edge

Innovative practices and ideas are always supported by the University administration for promotion of academic endeavors and towards attending a higher academic end. Institution's Innovation Council is an important unit working in this direction. Innovation driven by research is essential to deal with the challenges that are contemporary or emerging. Innovation is the key for finding solution to long-standing problems, or to resolve the anticipatory issues of human life and nature. Hence, Innovation Club has been part of the CURAJ from inception with the objectives of encouraging out-of-the-box thinking and also technologically empowering the University community and others. Subsequently, considering MHRD's directive, the Institute's Innovation Council (IIC) was reconstituted in 2019. The IIC also has on board several External Experts from various fields related to the development of innovation and innovative practices. It has representatives from nearby industries, Incubation Centre, experts on Intellectual Property Rights (IPR) / Patent, alumni of CURAJ, student representatives and others. The major focus of the IIC is to create a vibrant local innovation ecosystem and to foster the culture of innovation amongst all members. To this end, the IIC worked in unison in organizing various internal activities at CURAJ as well as some of the activities that had been put up by the MHRD. A webinar on Patents and Technology Transfer was conducted by the IIC at CURAJ on 10th November 2020. Another activity was held on 7th December 2020 titled "My Story - Motivational Session by Successful Innovators". The lecture was delivered by Dr. Banwari Lal, Senior Director, TERI, New Delhi. The IIC organized various others events like, Innovation Ambassador's Talk Series, Orientation Session for all students and faculties on National Innovation and Startup Policy, to encourage innovative thinking, and practice among the students and staff.

The Teaching Learning Centre (TLC) was established in the year 2017-18 with a vision to support evidence-based teaching and to provide diverse opportunities for teachers. It is funded by MHRD, Govt. of India under the Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT). It is envisaged to help teachers to modernize their teaching style, to scaffold concepts and information in a way that students can meaningfully take in, and to help students learn more deeply and retain what they have learned. It is also meant to train teachers about the new and effective methods of teaching and TLC envisaged promoting on a continuous basis, discipline-specific curricula, pedagogy, learning materials (including e- content) for use by the teachers in colleges and postgraduate Departments. In this direction, TLC conducted various workshops and training programs in the year 2020-21, through online mode. Participants from all over the country and esteemed speakers from all over the world joined in this program. Seven programs were conducted by the TLC during this period.

- One Week Online Faculty Development Program on "NEP 2020: Impetus for Life Skills and Holistic Development" from 1st - 5th March 2021.



- Four Week Online Induction Training Program for Faculty Members of HEIs 20th Jan - 16th February, 2021.
- Ten-Day Online Faculty Development Program on “Indian Ethos in Management” from 4th to 14th of January, 2021”.
- One Week Online Faculty Development Program on “Inculcating Research Culture in Teaching and Learning Process” from 22nd to 26th of December, 2020”.
- One Week Online Faculty Development Program on “Traditional Indian Wisdom on Teaching and Learning” from 21st to 26th of December, 2020”.
- One Week Online Faculty Development Program on Implementation of New Education Policy 2020: Vocational Education and Skill Development from 14th - 18th Dec, 2020.
- One Week Online Faculty Development Program on Implementation of New Education Policy 2020: Role of Faculty Members of HEIs from 4th to 8th November 2020”.

Special efforts to deal with Pandemic (COVID-19)

The University has imbibed various directives and protocol issues by MHRC, UGC and other competent authorities to ensure a best possible management of the pandemic situation. It has very successfully continued with all academic engagements through virtual platform. The University also established a ‘Digital Learning Technology Support Centre’ to empower the faculty members with digital teaching learning skills and techniques in March 2020 and the center played an important role in facilitating online engagements for the students and teachers. It purchased institutional Zoom platform. The faculty members continued with various forms of academic engagement through virtual platform. Google Classroom and Google Meet and other platforms were used as needed. All the assignments and proctored examination were conducted in time and the result has also been published. During February- March 2021, while the situation was better, as per the government instructions, a few students of final year were called to the campus and they completed their laboratory classes. Each Department and subject teacher engaged the classes so that the students do not feel academic hurdles due to pandemic. The ‘Mental Health and Wellbeing Committee’ was reconstituted and few other committees were established to ensure the academics standards, examination, and safety in March 2020. The committee continued its work through virtual platform. Adequate measures of sanitization were taken and also the movement in and out of the campus was completely monitored with screening, and adopting quarantine policies. Faculty members recorded lectures in swivl, shared various academic resource links, encouraged students to take part in online courses through SWAYAM and NPTEL. End-of-Semester Examination through online mode (Examination from Home) has been institutionalized with standard practices. The faculty members have submitted number of research projects to various agencies and also conducted academic activities like, delivering lecture through webinar, publishing papers on COVID-19 etc. The University Health Centre is playing an active role throughout this period of biological-disaster pandemic. Medical Camps were organized for vaccination of the staff in the



University Auditorium and information about vaccination and other health guidelines are also given to all on regular basis. As a whole, the University considered the challenges of pandemic as an opportunity to imbibe technology-empowered learning and institutionalized the same within the university system.

Implementation of National Education Policy 2020

Central University of Rajasthan is committed to implement the NEP 2020 in letter and spirit. As a first step to build awareness about NEP, the University conducted series of webinars and faculty development programmes. The five year Integrated Programmes now have an exit option after sixth semester.

- Short duration certificate courses and vocational programmes with multiple exit options for YOGA are being designed by the School of Yoga. These will be offered from the coming session.
- As per the mandate of NEP (clause 15.9), all Ph.D. scholars admitted from AY 2020-21 onwards, irrespective of discipline, will essentially be required to take credit-based courses in teaching/education/pedagogy related to their chosen Ph.D. subject during their doctoral training period. Courses on Educational Management and Pedagogy have been designed by the School of Education to serve these requirements and are formally approved by the Academic Council.
- The School of Education is also in the process of designing courses to serve the need for training teachers to teach children with disabilities / divyang children.
- Fitness and community service activities that help in the holistic development of the students are made as compulsory credit-based courses in all programmes of the University with effect from AY 20-21.

Vistas and Prospects

Looking back at the journey of the last decade, it is very well affirmed that the university has raised its size, standard and contribution to the academic world and to the society significantly. The alumni have reached different corners of the country and even abroad, have made inroad in diverse professional fields. Even the academic fraternity of the University is making significant contribution in research and development of relevant knowledge and skills. With all its commitments and strength, the University is solemnly dedicated to the vision of evolving into a center of education where thoughtful, creative, sensitive and responsible citizens are developed for a better, equitable and progressive nation. Each of the future endeavors shall be a step in this direction. The vision is to help nation remain heritage-rich (natural as well as cultural) and to help society become virtue-strong, and wisdom-nurturing. With these endeavors, CURAJ is striving to be a place of higher education wherein human potential should blossom to its outermost contours with an excellent opportunity for teaching, learning, research and extension for catering to the local, regional and global needs.



Academic Information

This chapter is a reflection of quantitative information related to the academic aspects of Central University of Rajasthan. The tables and figures represent the overall situation of the Academic Year 2020-21. Table No. 1 shows the details of admission in 52 different Integrated, and PG Programmes in reserved and unreserved category. Table No.2 depicts the admission in 20 different Ph.D. programs. Table No. 3 shows the gender distribution of the students hailing from 29 different States and foreign nations in various programmes. Table No.4 gives the names of the students who secured 1st position in the respective programmes. Table No. 5 gives the convocation-wise break-up of degrees awarded. In the next convocation for the batch of 2020, in total 548 degrees will be awarded including 72 Ph.D. Table No. 6 represents the details of the number of degrees to be awarded to the students who passed in 2020, under different programmes.

Admission 2020-21																										
S. No	Course	Subject	Original Intake						Intake advertised in CUCET - 2020						Admitted Students						Admitted Against UR					
			GEN	OBC	SC	ST	EWS	Total	GEN	OBC	SC	ST	EWS	Total	GEN	OBC	SC	ST	EWS	Foreign	Total	OBC	SC	ST	EWS	Total
1	B.Tech.	Computer Science & Engineering	13	8	4	2	3	30	13	8	4	2	3	30	7	10	4	2	4	0	27	2	0	0	1	3
2	B.Tech.	Electronics & Communication Engineering	13	8	4	2	3	30	13	8	4	2	3	30	6	8	2	1	3	0	20	0	0	0	0	0
3	B.Tech.	Biomedical Engineering	13	8	4	2	3	30	13	8	4	2	3	30	1	8	2	1	4	0	16	0	0	0	1	1
4	Int. M.Sc.	Biochemistry	13	8	4	2	3	30	13	8	4	2	3	30	7	12	4	2	3	0	28	4	0	0	0	4
5	Int. M.Sc.	Biotechnology	13	8	4	2	3	30	13	8	4	2	3	30	9	13	4	2	3	0	31	5	0	0	0	5
6	Int. M.Sc.	Chemistry	13	8	4	2	3	30	13	8	4	2	3	30	12	10	4	2	3	0	31	2	0	0	0	2
7	Int. M.Sc.	Computer Science	13	8	4	2	3	30	13	8	4	2	3	30	5	16	4	1	3	0	29	8	0	0	0	8
8	Int. M.Sc.	Economics	13	8	4	2	3	30	13	8	4	2	3	30	12	10	4	1	3	0	30	2	0	0	0	2
9	Int. M.Sc.	Environmental Science	13	8	4	2	3	30	13	8	4	2	3	30	9	12	4	2	3	0	30	4	0	0	0	4
10	Int. M.Sc.	Mathematics	13	8	4	2	3	30	13	8	4	2	3	30	5	13	6	1	3	0	28	5	2	0	0	7
11	Int. M.Sc.	Microbiology	13	8	4	2	3	30	13	8	4	2	3	30	7	12	4	1	6	0	30	4	0	0	3	7
12	Int. M.Sc.	Physics	13	8	4	2	3	30	13	8	4	2	3	30	7	13	4	1	4	0	29	5	0	0	1	6
13	Int. M.Sc.	Statistics	13	8	4	2	3	30	13	8	4	2	3	30	7	12	4	1	4	0	28	4	0	0	1	5
14	Int. M.Sc.	Linguistics	13	8	4	2	3	30	13	8	4	2	3	30	11	7	2	0	0	0	20	0	0	0	0	0
15	M.Arch	Architecture	10	6	3	2	2	23	10	6	3	2	2	23	8	6	1	1	0	0	16	0	0	0	0	0
16	M.Sc.	Biochemistry	10	6	3	2	2	23	10	6	3	2	2	23	6	5	2	2	2	0	17	0	0	0	0	0
17	M.Sc.	Biotechnology	10	6	3	2	2	23	10	6	3	2	2	23	12	8	3	1	1	0	25	2	0	0	0	2
18	M.Sc.	Chemistry	10	6	3	2	2	23	10	6	3	2	2	23	11	5	4	2	2	1	25	0	1	0	0	1
19	M.Com	Commerce	10	6	3	2	2	23	10	6	3	2	2	23	6	9	5	2	1	0	23	3	2	0	0	5
20	M.Sc.	Computer Science	10	6	3	2	2	23	10	6	3	2	2	23	5	9	3	0	1	0	18	3	0	0	0	3
21	M.Tech	Computer Science & Engineering	10	6	3	2	2	23	10	6	3	2	2	23	2	11	0	0	2	0	15	5	0	0	0	5
22	M.Tech	Cyber Physical System	7	4	2	1	1	15	7	4	2	1	1	15	0	2	0	0	1	0	3	2	0	0	1	3
23	M.A.	Culture & Media Studies	10	6	3	2	2	23	10	6	3	2	2	23	4	8	3	0	1	0	16	2	0	0	0	2
24	M.A.	Economics	10	6	3	2	2	23	10	6	3	2	2	23	7	6	1	1	0	0	15	0	0	0	0	0
25	M.A.	English	15	9	5	3	3	35	15	9	5	3	3	35	13	12	5	3	3	0	36	3	0	0	0	3



Admission 2020-21																										
S. No	Course	Subject	Original Intake						Intake advertised in CUCET - 2020						Admitted Students						Admitted Against UR					
			GEN	OBC	SC	ST	EWS	Total	GEN	OBC	SC	ST	EWS	Total	GEN	OBC	SC	ST	EWS	Foreign	Total	OBC	SC	ST	EWS	Total
26	M.A.	Education	10	6	3	2	2	23	10	6	3	2	2	23	1	1	2	0	0	0	4	1	2	0	0	3
27	M.A.	Cultural Informatics	10	6	3	2	2	23	10	6	3	2	2	23	0	0	0	0	0	0	0	0	0	0	0	0
28	M.Sc.	Environmental Science	10	6	3	2	2	23	10	6	3	2	2	23	7	7	2	2	2	0	20	1	0	0	0	1
29	M.A.	Hindi	13	8	4	2	3	30	13	8	4	2	3	30	2	10	2	3	0	0	17	2	0	1	0	3
30	MBA	Management	15	9	5	3	3	35	15	9	5	3	3	35	11	12	5	1	5	2	36	3	0	0	2	5
31	M.Sc.	Mathematics	10	6	3	2	2	23	10	6	3	2	2	23	7	9	3	1	1	0	21	3	0	0	0	3
32	M.Sc.	Microbiology	10	6	3	2	2	23	10	6	3	2	2	23	12	6	3	1	1	0	23	0	0	0	0	0
33	M.Pharm	Pharmaceutical Chemistry	4	2	1	1	1	9	4	2	1	1	1	9	0	6	1	1	1	0	9	4	0	0	0	4
34	M.Pharm	Pharmaceutics	4	2	1	1	1	9	4	2	1	1	1	9	2	4	1	1	2	0	10	2	0	0	1	3
35	M.Sc.	Physics	10	6	3	2	2	23	10	6	3	2	2	23	11	7	3	2	3	0	26	1	0	0	1	2
36	M.A.	Public Policy, Law & Governance	10	6	3	2	2	23	10	6	3	2	2	23	7	4	1	1	0	0	13	0	0	0	0	0
37	M.A.	Social Work	10	6	3	2	2	23	10	6	3	2	2	23	7	8	2	1	3	0	21	2	0	0	1	3
38	M.Sc.	Statistics	10	6	3	2	2	23	10	6	3	2	2	23	5	11	1	0	2	0	19	5	0	0	0	5
39	M.Sc.	Atmospheric	9	5	3	1	2	20	9	5	3	1	2	20	4	8	2	0	1	0	15	3	0	0	0	3
40	M.Sc.	Computer Science (Big Data Analysis)	21	13	7	4	5	50	21	13	7	4	5	50	16	14	3	2	1	0	36	1	0	0	0	1
41	M.Sc.	Yoga Therapy	9	5	3	1	2	20	9	5	3	1	2	20	4	4	4	0	0	0	12	0	1	0	0	1
42	PG Diploma	Media Writing and Digital Communication	9	5	3	1	2	20	9	5	3	1	2	20	4	1	0	0	0	0	5	1	0	0	0	1
43	M.Sc.	Sports Biochemistry	7	4	2	1	1	15	7	4	2	1	1	15	6	3	1	1	0	0	11	0	0	0	0	0
44	M.Sc.	Sports Nutrition	7	4	2	1	1	15	7	4	2	1	1	15	3	2	0	0	0	1	6	2	0	0	0	2
45	M.Sc.	Sports Physiology	7	4	2	1	1	15	7	4	2	1	1	15	2	1	0	0	0	0	3	1	0	0	0	1
46	M.Sc.	Sports Psychology	7	4	2	1	1	15	7	4	2	1	1	15	1	2	0	0	0	0	3	2	0	0	0	2
47	M.Sc.	Sports Biomechanics	7	4	2	1	1	15	7	4	2	1	1	15	0	0	0	0	0	0	0	0	0	0	0	0
48	M.Sc.	Digital Society	7	4	2	1	1	15	7	4	2	1	1	15	5	5	0	0	1	0	11	1	0	0	0	1
49	Int. M.Sc.	B.Ed. (Physics)	13	8	4	2	3	30	13	8	4	2	3	30	6	13	4	2	6	0	31	5	0	0	3	8
50	Int. M.Sc.	B.Ed. (Chemistry)	13	8	4	2	3	30	13	8	4	2	3	30	9	10	4	2	3	0	28	2	0	0	0	2
51	Int. M.Sc.	B.Ed. (Mathematics)	13	8	4	2	3	30	13	8	4	2	3	30	5	16	4	2	3	0	30	8	0	0	0	8
52	Int. M.Sc.	B.Ed. (Economics)	13	8	4	2	3	30	13	8	4	2	3	30	12	9	2	2	1	0	26	1	0	0	0	1
		Total	562	338	172	96	119	1287	562	338	172	96	119	1287	328	410	129	55	96	4	1022	116	8	1	16	141

Table No.1: Information regarding admission in the Academic Year 2020-21

Table No. 1 above depicts that total 1022 students took admission in the Academic Session 2020-21. Out of this, 410 students (40.11%) belong to OBC category, 328 students (32.09%) to General, 125 students (12.23%) from SC category, 55 students (5.38%) from ST category, 96 students (9.39%) from EWS category and rest 4 (.39%) students are foreign nationals. The table also shows that 141 students belonging to reserved category secured



their admission in the unreserved seats. Subsequently, Figure-1 depicts the distribution of the students admitted in various categories in the Academic Session 2020-21, in the Central University of Rajasthan. Figure-2 shows the number of students belonging to different categories, who were able to secure unreserved seats according to merit list in different programmes.

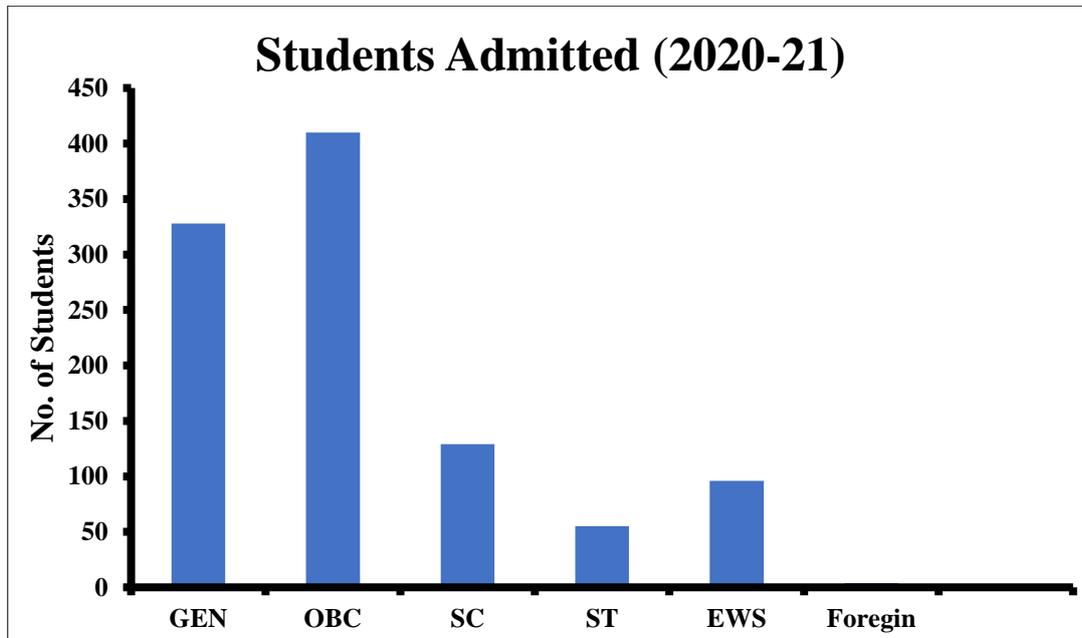


Fig 1: Number of students admitted in Academic Year 2020-21

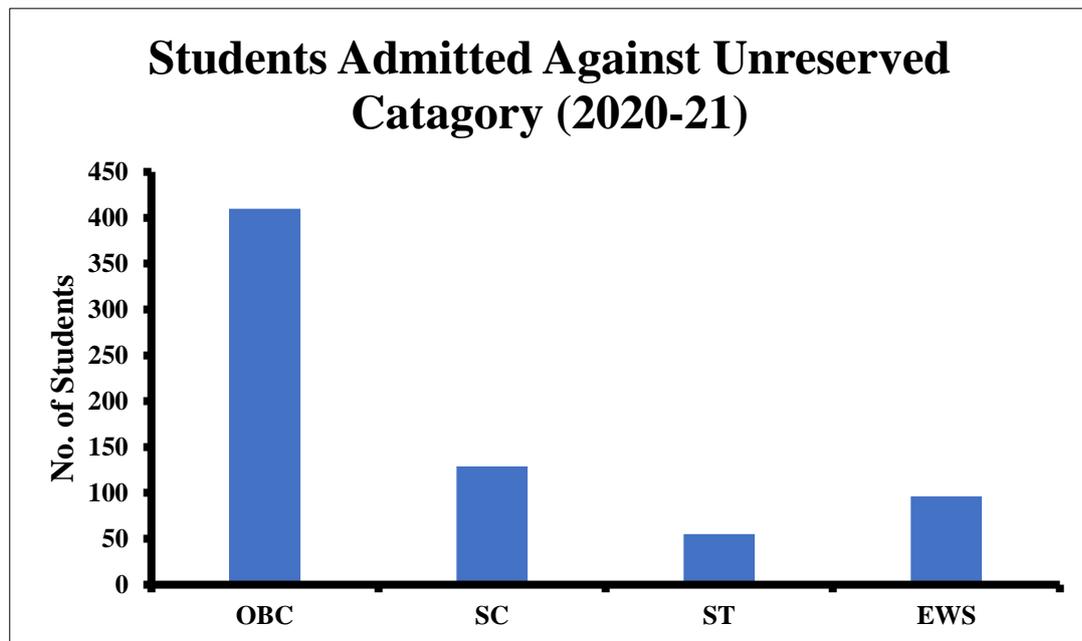


Fig 2: Number of students admitted against unreserved category in Academic Year 2020-21

Table No. 2: Information regarding Ph.D. admission in Academic Year 2020-21



Admission in Ph.D. Programme in Academic Session-2020-21								
S. No	Name of the Programme	Total Intake	Admitted Students					Total
			UR	OBC	SC	ST	EWS	
1	Ph.D. Atmospheric Science	4	1	1	1	0	0	3
2	Ph.D. Biochemistry	18	4	6	3	1	2	16
3	Ph.D. Biotechnology	10	2	2	1	1	0	6
4	Ph.D. Chemistry	7	2	2	1	0	1	6
5	Ph.D. Commerce	3	1	1	0	0	1	3
6	Ph.D. Computer Science	6	1	1	0	1	1	4
7	Ph.D. Computer Science and Engineering	3	1	1	0	0	0	2
8	Ph.D. Culture and Media Studies	4	1	1	1	0	0	3
9	Ph.D. Economics	4	1	1	1	0	1	4
10	Ph.D. Education	6	1	2	1	0	2	6
11	Ph.D. English	5	3	1	1	0	0	5
12	Ph.D. Environment Science	6	0	2	1	1	1	5
13	Ph.D. Hindi	3	0	1	0	0	1	2
14	Ph.D. Management	8	3	2	1	0	1	7
15	Ph.D. Mathematics	4	1	1	1	0	1	4
16	Ph.D. Microbiology	15	6	4	1	0	0	11
17	Ph.D. Pharmacy	14	3	5	2	0	2	12
18	Ph.D. Physics	15	6	3	2	1	1	13
19	Ph.D. Public Policy, Law and Governance	8	3	2	1	1	1	8
20	Ph.D. Social Work	6	2	2	1	0	1	6
21	Ph.D. Statistics	5	2	0	1	0	0	3
Total		154	44	41	21	6	17	129

According to Table No.2, total 129 students were provided seats for admission in Ph.D. programme in 2020-21, in 21 different programmes, against 154 seats. The whole selection process was conducted through CUCET-2020. EWS category was introduced in the year 2019-20 for Ph.D. admission. The bar diagram - Figure-3 shows the distribution of the Ph.D. scholars in various category. Figure-4 represents the distribution of the Ph. D. scholars in different departments.

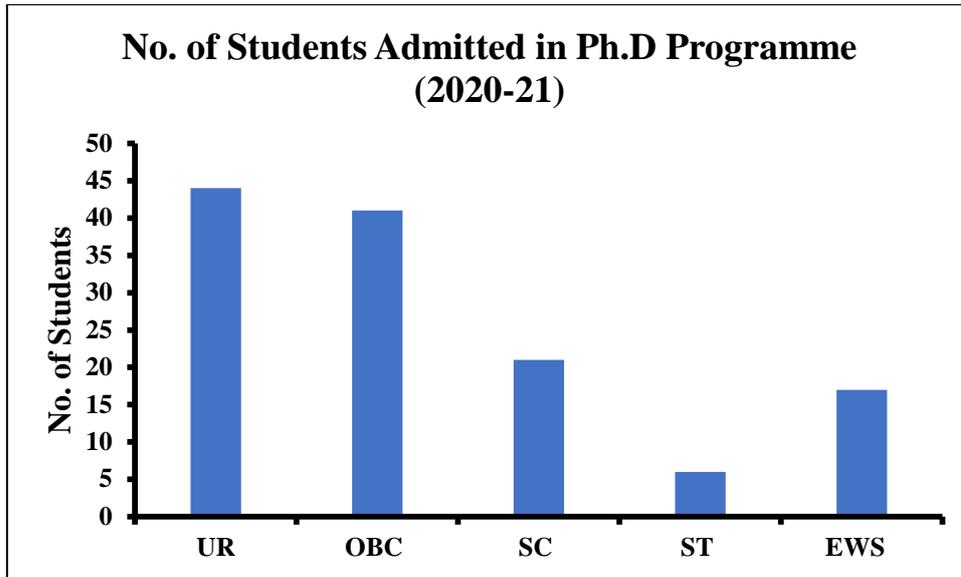


Fig 3: Number of students admitted in Ph.D. programme in Academic Year 2020-21

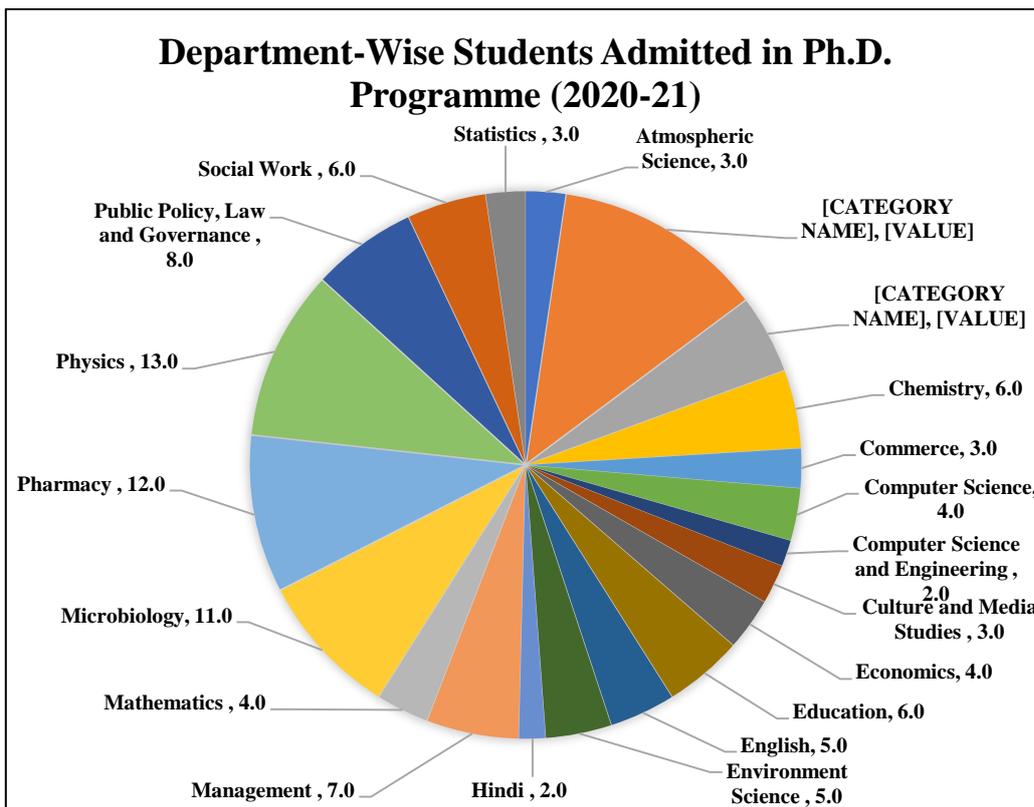


Fig 4: Department-wise students admitted in Ph.D. programme in Academic Year 2020-21

Table No.3: State-wise and Gender-wise distribution of the students in all programme admitted up to Academic Session 2020-21



Students upto 2020-21 (As on 31.03.2021)																							
Sl No.	State	B.voc		B.Tech		Integrated M.Sc. 5 yrs		M.A./M.Sc		Integrated M.Sc B.Ed 3 yrs		M.Tech/ M.ARCH		MBA		NEW		Ongoing		Total		Total	%
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1	Arunachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
2	Andaman Nicobar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0.05
3	Andhra Pradesh	0	0	1	0	9	1	2	1	0	0	0	0	0	0	17	1	12	2	29	3	32	1.48
4	Assam	0	0	0	0	1	1	2	2	0	1	1	0	0	0	5	6	4	4	9	10	19	0.88
5	Bihar	1	2	1	0	50	15	25	15	5	8	0	1	4	1	74	35	86	42	160	77	237	10.93
6	Chattisgarh	0	1	0	0	2	1	0	2	0	0	1	0	0	0	3	1	3	4	6	5	11	0.51
7	Chandigarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
8	Dadra and Nagar Haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
9	Daman and Diu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
10	Delhi	0	0	0	0	4	1	8	4	1	1	1	0	0	0	12	12	14	6	26	18	44	2.03
11	Goa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
12	Gujrat	0	0	0	0	0	1	0	2	1	0	0	0	0	0	1	1	1	3	2	4	6	0.28
13	Haryana	0	0	1	0	8	10	12	19	6	2	0	1	1	1	29	14	28	33	57	47	104	4.80
14	Himachal Pradesh	0	0	0	0	1	0	1	2	0	0	0	0	0	0	1	3	2	2	3	5	8	0.37
15	Jharkhand	1	1	0	0	8	3	4	4	1	1	1	1	0	0	13	21	15	10	28	31	59	2.72
16	Jammu & Kashmir	0	0	0	0	3	3	1	2	1	0	0	0	0	0	10	4	5	5	15	9	24	1.11
17	Kerala	1	0	0	0	16	15	21	12	0	2	0	1	1	0	48	27	39	30	87	57	144	6.64
18	Karnataka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	0.09
19	Laksyadeep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
20	Meghalaya	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0.05
21	Manipur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
22	Madhya Pradesh	0	1	0	0	7	0	3	3	3	0	0	0	2	1	9	8	15	5	24	13	37	1.71
23	Maharashtra	0	0	0	0	0	0	0	2	0	0	1	1	0	0	10	6	1	3	11	9	20	0.92
24	Mizoram	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0.05
25	Nagaland	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	2	0.09
26	Odisha	0	0	0	0	9	4	8	4	4	1	0	0	0	0	36	25	21	9	57	34	91	4.20
27	Punjab	0	0	0	0	1	3	0	2	0	0	0	0	0	0	1	0	1	5	2	5	7	0.32
28	Pondicherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
29	Rajasthan	10	8	10	1	231	120	64	72	78	27	4	6	3	8	237	131	400	242	637	373	1010	46.59
30	Sikkim	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0.05
31	Tamilnadu	0	0	0	0	0	2	1	1	0	0	0	0	0	0	3	1	1	3	4	4	8	0.37



32	Tripura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0.05
33	Telangana	0	0	1	0	7	3	3	0	0	0	0	0	0	15	13	11	3	26	16	42	1.94				
34	Uttarakhand	0	0	3	0	0	0	2	3	0	1	0	0	0	6	8	5	4	11	12	23	1.06				
35	Uttar Pradesh	0	0	0	0	22	7	17	15	0	1	5	2	3	1	51	44	47	26	98	70	168	7.75			
36	West Bengal	0	0	0	0	8	3	5	7	1	3	0	1	1	0	24	9	15	14	39	23	62	2.86			
37	Foreign National	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	2	1	3	0.14				
	Total	13	13	17	1	388	193	181	175	101	49	14	14	15	12	609	373	457	1338	830	2168	100.00				

The gender distribution in Table No.3 and in Figure 5 shows that 38.28% of the students are females, while 61.71% of the students are males in the Academic Session 2020-21. Figure-6 represents that 46.59% of the students are from Rajasthan, while other 53.41% students belong to other states. Table No.3 also highlights that there are students from 28 different States of India, also from other Nations, studying in Central University of Rajasthan that aptly represented a pan-India feature and cosmopolitan culture.

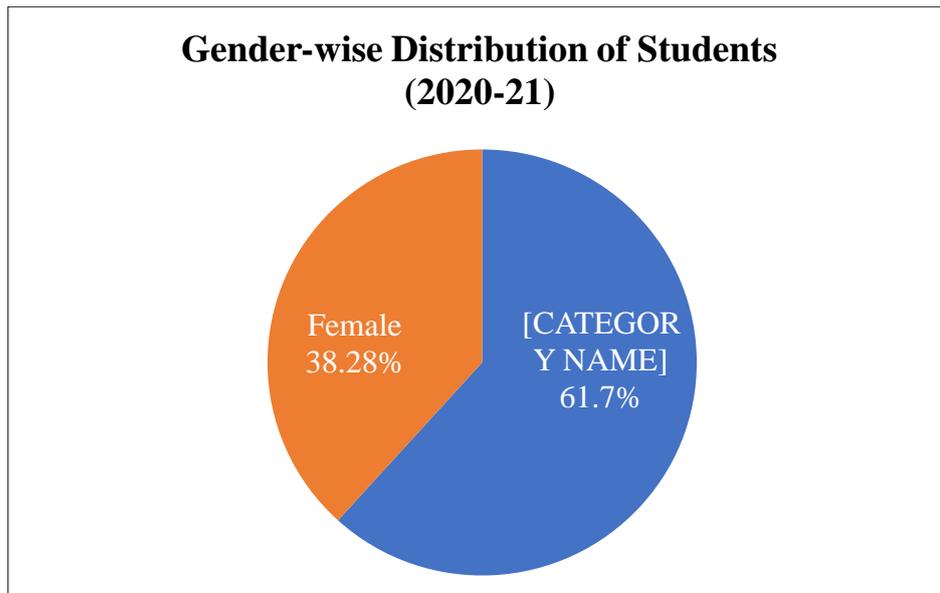


Fig 5: Gender-wise distribution of students admitted up to Academic Year 2020-21

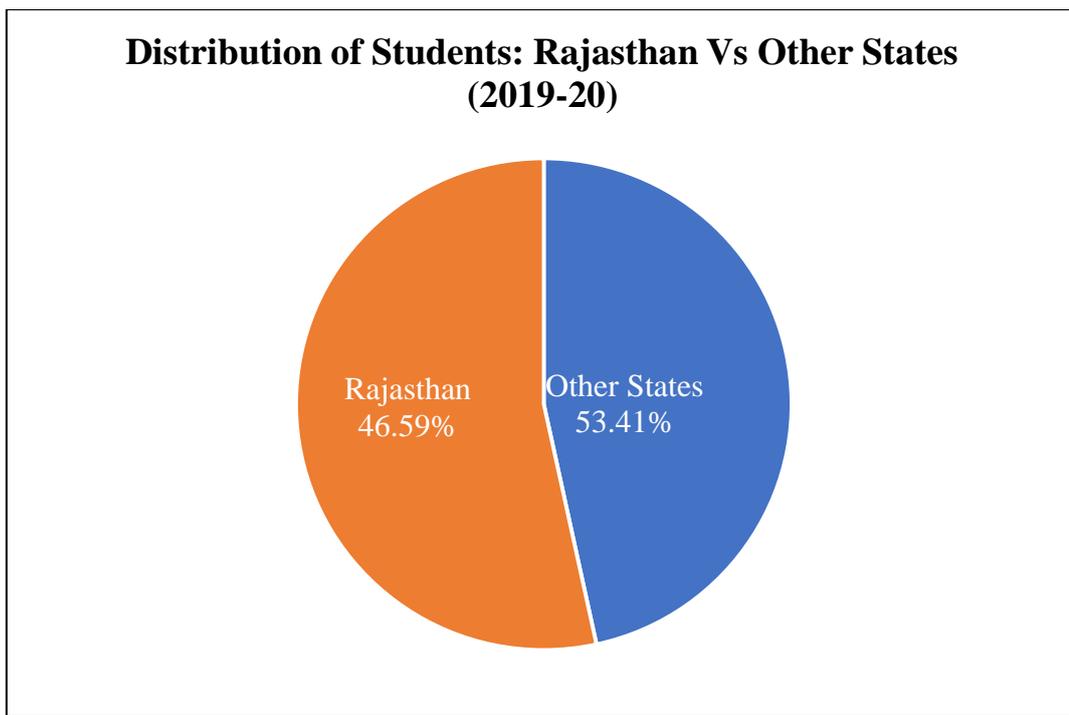


Fig 6: Percentage of students from Rajasthan Vs other states up to Academic Year 2020-21

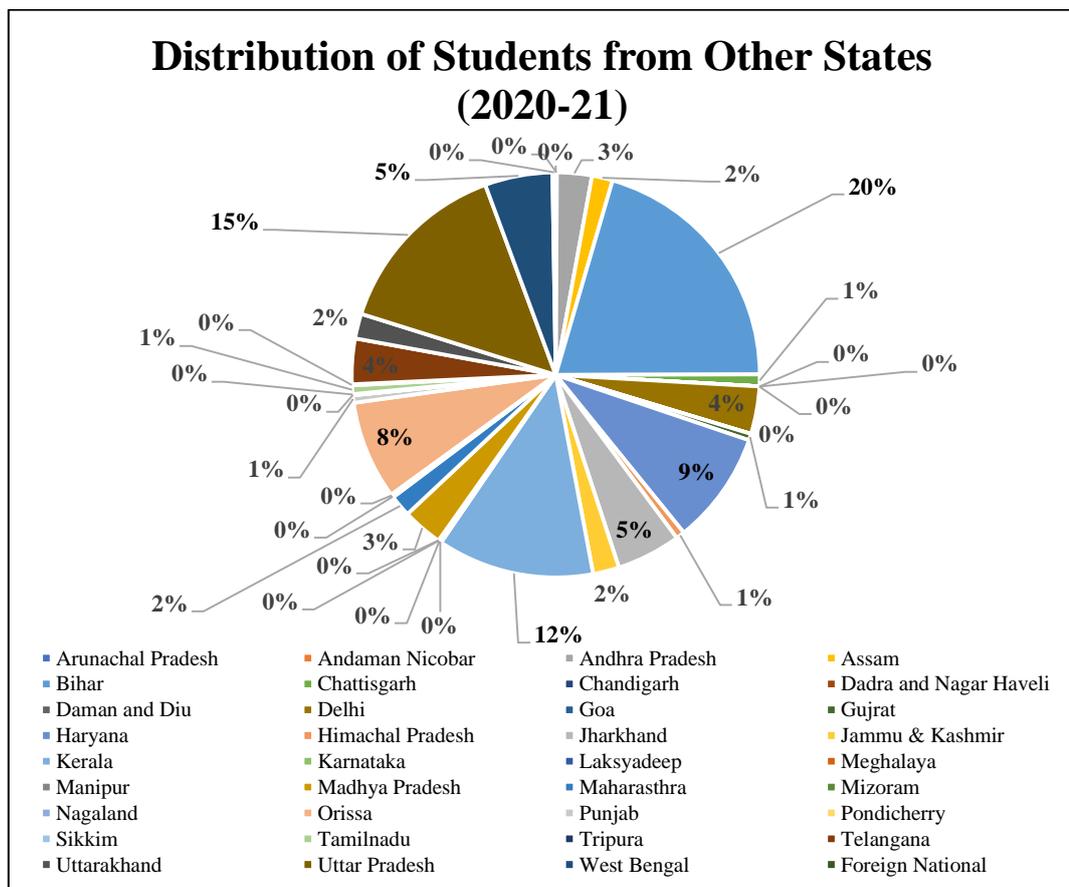


Fig 7: Percentage of students from other states up to Academic Year 2020-21



Table No. 4 shows the name of the students who stood first in the final examination in the year 2020 in different programmes. The subsequent pie-diagram (Figure-8) shows the distribution of first position holders in different Departments. This is based on the number of programmes offered by different Departments.

Table No.4: List of eligible students who secured first position in the year 2020

S. No.	Names	Year of Passing	Program	Department
1	Saranya Divakaran P C	2020	M. Arch	Architecture
2	Sudipta Chakraborty	2020	M.Sc. Chemistry	Chemistry
3	Sunil Kumar	2020	M.Pharm (Pharmaceutical Chemistry)	Pharmacy
4	Nishtha Chaurawal	2020	M. Pharm (Pharmaceutics)	Pharmacy
5	Khushali Jain	2020	MBA	Management
6	Vandana Kumari	2020	M.Com	Commerce
7	Shyamli Kumari Singh	2020	M.Sc. Environmental Science	Environmental Science
8	Ankit Patel	2020	M.Sc. Atmospheric Science	Atmospheric Science
9	Abhijit Baishya	2020	M.Sc. in Yoga Therapy	Yoga
10	Karishma Yadav	2020	M. Tech Computer Science and Engineering	Computer Science and Engineering
11	K S Sreelakshmi	2020	M.A. English	English
12	Sayari Jat	2020	M.A. Hind	Hindi
13	Bandita Rout	2020	M. Sc. Biotechnology	Biotechnology
14	Priya Chouhan	2020	M. Sc. Biochemistry	Biochemistry
15	Twinkle Soni	2020	M. Sc. Microbiology	Microbiology
16	Nilesh Sharma	2020	M.Sc.- Computer Science	Computer Science
17	Nitesh Sukhwani	2020	M.Sc. CS (Big Data Analytics)	Computer Science
18	Prabhat Kumar Trivedi	2020	M.Sc. - Statistics	Statistics
19	Sangeeta Kumawat	2020	M.Sc. Mathematics	Mathematics
20	Satyabrata Jana	2020	M.Sc. Physics	Physics
21	Ashik M E	2020	M.A. CMS	Culture and Media Studies
22	Ronak Maheshwari	2020	M.Sc. in Digital Society	Society Technology Interface
23	Tarushi Agrawal	2020	PG Diploma in Media Writing and Digital Communication	Culture and Media Studies
24	Minal Mehta	2020	M.A. Social Work	Social Work
25	Ajay Kumar Samariya	2020	M.A. PPLG	Public Policy, Law & Governance
26	Aakanksha	2020	M.A. Economics	Economics
27	Manisha Kumari	2020	M. Sc. Sports Nutrition	Sports Science
28	Anjali Vashishth	2020	M. Sc. Sports Biochemistry	Sports Science
29	Ayushi Yadav	2020	Int. M.Sc. Chemistry	Chemistry
30	Nidhi Godara	2020	Int. M. Sc. Biotechnology	Biotechnology
31	Priyanshi	2020	Int. M. Sc. Biochemistry	Biochemistry
32	Shubhangini Singh Verma	2020	Int. M. Sc. Microbiology	Microbiology
33	Somesh Choudhary	2020	Int. M. Sc. Computer Science	Computer Science



S. No.	Names	Year of Passing	Program	Department
34	Sabhyata Jain	2020	Int. M. Sc. Statistics	Statistics
35	Mohit Sharma	2020	Int. M. Sc. Mathematics	Mathematics
36	Kajal Sharda	2020	Int. M. Sc. Economics	Economics
37	Kalluri Rambabu	2020	Int. M.Sc. B.Ed. Chemistry	Chemistry
38	Nitin Agrawal	2020	Int. M. Sc. B.Ed. Mathematics	Mathematics
39	Chayanika Sharma	2020	Int. M. Sc. B. Ed. Physics	Physics
40	Divya Aggarwal	2020	B. Voc. (Interior Design)	Architecture

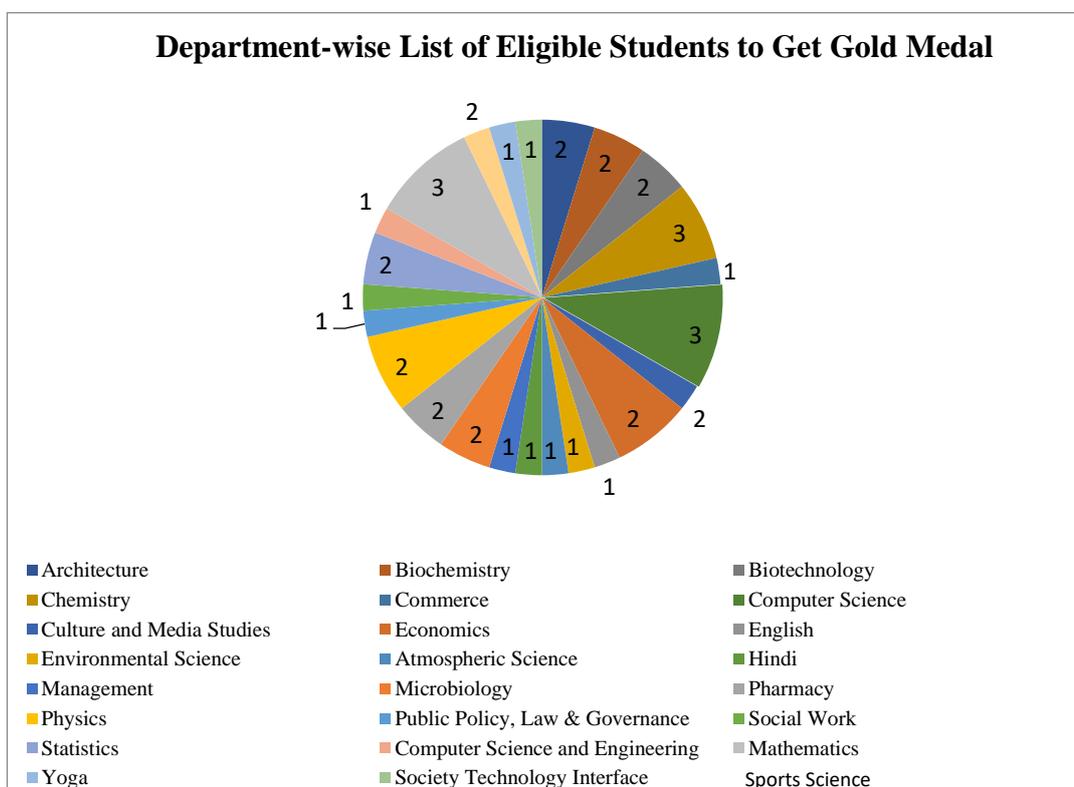


Fig 8: Department-wise List of Eligible Students for getting the Gold Medal

Table No.5: Convocation-wise break-up of Degrees Awarded

Convocation	Ph.D.	M.Tech	M.Sc.	M.A.	MBA	M.Com	M.Arch	M.Pharm	Int. M.Sc. (5 y)	Int. M.Sc. B.Ed.	B.Sc	B.Voc	Total
I (01-09-2012)	NIL	22	74	32	30	-	-	-	-	-	-	-	158
II (09-07-2013)	NIL	21	123	65	26	-	09	-	-	-	-	-	244
III (01-10-2016)	NIL	50	529	296	103	56	22	46	-	-	23	-	1125
IV (13-11-2017)	13	18	158	103	34	16	10	17	-	-	85	32	486
V (02-11-2018)	12	08	86	67	29	18	17	05	94	62	89	27	514
VI (03-12-2019)	44	10	92	71	23	07	08	08	134	69	66	51	583
VII (Convocation to be held)*	72	06	130	43	23	09	13	17	134	32	43	26	548
Total													3658



* 7th Convocation is to be held soon. The details given in the table up to 6th convocation ceremony held in the University. Now in the 7th convocation ceremony, total 548 students are eligible to get the degree including 72 research scholars, till date.

Table No. 6: List of Eligible students (passed in 2020) to get degree under different programmes.

M.A.		M.Sc.		M.Tech/Sport		Int. M.Sc.		Int. M.Sc. B.Ed.		B. Sc.	B. Voc	Ph.D.	Total
Arch	12	Atmospheric Science	09	CSE	06	NA		NA		43	26	72	NA
Commerce	09	Biochemistry	10	Sports Nutrition	02	Biochemistry	21			NA	NA		
CMS	05	Biotechnology	08	Sports Physiology	04	Biotechnology	12						
Economics	05	Chemistry	11			Chemistry	14	Chemistry	06				
English	07	Computer Science	03			Computer Science	10	NA					
Hindi	07	CS (Big Data Analytics)	18	Sports Biochemistry	05	Economics	14	Economics	00				
MBA	23	EVS	05			Environmental Science	1	NA					
PPLG	02	Digital Society	06			NA	7						
MSW	11	Mathematics	19			Mathematics	09	Mathematics	16				
M. Des.	01	Microbiology	09			Microbiology	11	NA					
PG Diploma	06	Pharmacy	17			NA							
NA		Physics	05			Physics	13	Physics	10				
		Statistics	10			Statistics	13	NA					
		Yoga	06			NA							
Total	88	Total	136	Total	17	Total	134	Total	32	43	26	72	548

N.A.-Not Applicable

Table No. 6 shows the number of students eligible to get degree under different programmes, namely MA, M.Sc, M.Tech, Integrated M.Sc., Integrated M.Sc., B.Ed., B.Sc., B. Voc. and Ph.D. Total 43 students are eligible for MA degree under 11 different programmes and 130 students are eligible for M.Sc. degree from 14 different programmes. Similarly, 06 students are eligible for M.Tech degree, under three different schemes, and 134 students are eligible for Integrated M.Sc. from 10 different programmes. Total 32 students are eligible for Integrated M.Sc. B. Ed degree also. As a whole, this chapter given a wider picture of the academic profile of the University related to the students, admission and receipt of the degree.

Accreditation, Ranking, Collaboration and Internationalization (ARCI) Cell:

The Accreditation, Ranking, Collaboration and Internationalization Cell has been established to take care of University’s internal needs for NIRF and other ranking schemes like IoE, NAAC, IQAC, Enrolment of international students and collaboration with international institutions / agencies. The existing units of IQAC, NIRF, and International Division works under the guidance and control of Dean (ARCI). Professor S.N. Ambedkar is the Dean of ARCI Cell. Dr. Hari Singh Parihar, Joint Registrar and Mrs. Anuradha Mittal, Public Relations Officer have been designated as Controlling Officer and Dealing Officer for ARCI Cell.

Accreditation



Central University of Rajasthan established an Internal Quality Assurance Cell (IQAC) on 21st November, 2010 for the purpose of accreditation of the University. The assessment of the University by the National Assessment and Accreditation Council (NAAC) was done on 16th September 2016. The University was accredited with a CGPA of 3.01 on a seven point scale at A Grade, valid for a period of five years from 16.09.2016.

Ranking

Central University of Rajasthan participated in different rankings of India.

1. National Institutional Ranking Framework (NIRF)

Central University of Rajasthan scales new heights. NIRF Ranking 2020 for the University is 101-150 (Rank Band). The National Institutional Ranking Framework (NIRF) was approved by the MHRD and launched by Honourable Minister of Human Resource Development on 29th September 2015.

2. India Today (Marketing & Development Research Associates)

Central University of Rajasthan secured 19th rank in the Overall Central University Ranking category in the India Today Best University Ranking Survey 2020.

The Department of Social Work is ranked 3rd in India as an emerging college /Department, particularly among the institutions which were established in the year 2000. The Department of Social Work was established in 2012 in Central University of Rajasthan. It ranked at ninth position for the lowest fees and in overall ranking and is at 15th position in the country.

Marketing and Development Research Associates (MDRA) is a premier marketing research and consulting organization in India with focuses on quantitative and qualitative research. It provides strategic business planning solutions based on research findings and historical data analyses of clients' business.

Collaboration

Central University of Rajasthan has collaborated with various prestigious Indian Institutes and Foreign Universities.

List of MoU's with Indian Institutions/ Universities			
Year	Indian Institutions / Universities	Signed/W.e.f.	Validity/Upto
2017	International Institute of Information Technology, Bangalore	20.03.2017	19.03.2022 (valid for five years from date of signing)
2017	Indian Institute of Crafts & Design (IICD), Japiur	16.03.2017	15.03.2022 (valid for five years from date of signing)



2017	MOU (Tri-Partite) : MHRD+UGC+CURAJ		
2018	Indira Gandhi National Centre for the Arts (IGNCA), New Delhi	11.04.2018	10.04.2021 (valid for three years from date of signing)
2018	Ministry of Youth Affairs and Sports (MYAS), Govt. of India, New Delhi	19.03.2018	18.03.2023 (valid for 5 years from date of signing)
2018	HireMee, Bangaluru (Karnataka)	25.09.2018	24.09.2020 (completion of effective period of two years from 25.09.2018)
2018	Indian Institute of Delhi, New Delhi (IITD)	17.01.2017 (CURA)/06.02.2 018(IITD)	----

List of MoU's with International Institutions/ Universities

Year	International	Signed/w.e.f.	Validity/Upto
2016	University of Namibia (UNAM)	06.10.2017	05.10.2022 (valid for five years from date of signing)
2017	Novosibirsk State University	10.01.2017	09.01.2022 (valid for five years from date of signing)
2017	Bowling Green State University, Ohio (USA)	12.04.2017	11.04.2022 (valid for five years from date of signing)
2018	University of Dhaka (Bangladesh)	15.07.2018	14.07.2023 (valid for five years)

Internationalization

Central University of Rajasthan offers foreign admissions to the students nominated by the Govt. of India through Indian Council for Cultural Relations (ICCR), Ministry of External Affairs (MEA) New Delhi under different scholarship schemes. The University also entertains direct admission through Self-Finance Scheme for different courses. Foreign nationals need not appear in the Central Universities Common Entrance Test (CUCET) for admission; however, they should have passed the equivalent Qualifying Examination from any Indian or Foreign University/ Institution.

Every year, Foreign Nationals are admitted to various programmes of study under the following categories:

- (I) Cultural Exchange Fellowship Programme of Govt. of India:** Candidates desirous of admission under this Fellowship Programme are required to apply through the Indian High Commission/ Embassy / Indian Council for Cultural Relations (ICCR) as the case may be for consideration. In case the applicant is found suitable,



confirmation of their admission is sent directly to the concerned agency sponsoring their admission.

(II) Direct admission for Self-finance Students: Foreign Students, who wish to join under Self-finance category are required to submit their application along with bio-data and academic qualification on the prescribed format to office of Accreditation Ranking Collaboration & Internationalization (ARCI), Central University of Rajasthan, NH-8, Bandarsindri, Ajmer 305817 India (email: international@curaj.ac.in).

Ph.D. Students				
S. No.	Name of the Student	Country	Department	Admission through
1.	Mr. Mohammed Abdel Rahman Jadallah Abulebda	Palestine	Ph.D. Statistics	ICCR, General Scholarship Scheme
2	Mrs. Masuma Khawary	Afghanistan	Ph.D. Microbiology	ICCR, General Scholarship Scheme
PG Students				
1.	Mr. Mohammad Alim	Afghanistan	MBA	ICCR, Afghan Scholarship Scheme
2.	Mr. Emmanuel Chisamba	Malawi	MBA	ICCR, Africa Scholarship Scheme
Batch 2021-22				
1.	Wahyudi	Indonesia	MA PPLG	General Scholarship Scheme - ICCR
2.	Waheedullah	Afghanistan	M.Sc. Big Data Analytics	Afghan Scholarship Scheme - MEA
3.	Sahirou Tafarki Mahamane Mansour	Niger	M.Sc Environmental Science	Africa Scholarship Scheme - MEA
4.	Shirtika	Fiji	M.Sc Environmental Science	General Scholarship Scheme - ICCR



Infrastructural Facilities

Central Library

CURaj Library bridges the gap of knowledge that occupies a vital place to cater to the academic needs of any institute of higher education. With the availability of e-resources, books, and journals, the Library started playing an even more critical role in bringing global knowledge to the end-users of the University. The Central University of Rajasthan has a resourceful and well-equipped library. It provides an array of print and electronic material for various scholarly content to its entire community, covering students, research scholars, teachers, administrative staff, experts, and visitors. The library holdings consist of about 36410 books in print and 3293 in the online version; there is a total of 10,000+ online journals from



National and International publishers and aggregators along with 78 print journals from National and International publishers and 593 Bound Volumes of print journals. Besides, the Library has 04 Online Databases and a collection of 770 CD-ROMs. To meet the research needs of students and faculties of the University, the Library subscribes to Web of Science (Abstract and citation database), Turnitin- a leading plagiarism tool, and Grammarly - an automated grammar tutor and revision tool for students to improve the quality of research publications. The facilities and services rendered by the Library are: bibliographic service, literature search services, book lending, referencing, document delivery, Web OPAC, photocopy, inter-library loaning of material through DELNET, and INFLIBNET. Thus, with a seating capacity of about 150 readers, the Library serves as a reservoir of knowledge accessible to the University community through intra-net and inter-net connectivity. It is also associated with INFLIBNET, DELNET, Current Science Association, Institute of Scientometrics, and other organizations to meet the users' needs.

ICT Services: The CURaj library has now shifted to open-source software KOHA Library Management Software from commercial software LibSys7 to perform the routine and specialized works of the Library. OPAC made available to users through Intranet (CURaj Campus Network) and the Internet Users can access our library Web OPAC at <http://10.0.0.16>. The Library is enabled with Wi-Fi and has a well-established Cyber Library with 15 networked PCs connected with LAN, which helps users access thousands of electronic resources. The Library is now planning to adopt open-source software to create a Digital Library. Periodically, the library webpage is updated that provides information regarding rules/regulations, news/events and information about the new arrivals of print



and electronic resources. Now, the Library is using an RFID application for routine activities which will help the library users to issue or return the books without the intervention of the library team.

Following are some of the events conducted by the Library in the Academic Year under report:

- a) Organised Book Exhibition on the occasion of International Women's Day on 08-03-2021.
- b) Conducted Awareness and Training Session for the effective utilization of TURNITIN, a plagiarism detecting tool, Grammarly writing assisting tool for grammar, EBSCO Business Source Elite e-journals, EBSCO Art & Architecture.
- c) Facilitated students for internships at *Internshala*.
- d) Facilitated enrolling of faculty/students for SWAYAM-NPTEL Courses.
- e) Provided remote access to all subscribed online resources and conducted awareness through webinars during the COVID-19 Lockdown period.
- f) Popularized and extended the open educational resources to meet the needs of faculty and students during COVID-19 outbreak time.
- g) Provided trial of EBSCO Discovery Service for facilitating single search platform.

Mrs. Sobhagyawati Gupta, Assistant Librarian, won the first prize in the Slogan Writing Competition organized during the Vigilance Awareness Week observed by the University Cultural Committee from 27th October to 2nd November 2020.

Hostel Facilities

Hostel becomes a second home for the students while in higher education. Hostel life is about peer learning, studying, having fun and dreaming about a bigger future. Thus, a conducive, constructive learning atmosphere, with adequate facilities for play, leisure activities, and maintaining health and hygiene standards are crucial for the residential students. Adequate discipline and facilities are required in right balance to ensure their well-being. Hostel-life is part of studenthood in the journey of academic growth and achievement. There are exclusively separate buildings for boys and girls hostels in the University; three for boys and three for girls. During the Academic year 2020-2021, students took admission in various courses of Integrated, UG, PG and Ph.D. but due to COVID restrictions, regular offline classes could not start and new students were not allotted hostel accommodation. On their arrival, as per the existing situation the students will pay the required fee and hostel will be provided as the offline classes start. At present, there are 04 Girls Hostels (300 student capacity in each hostel) which can accommodate 1200 girl students and 3 Boys Hostels (450 student's capacity in each hostel) which can accommodate 1350 boys. Another girls' hostel is also ready. It will be open for use from the Academic Session 2021-22. There is a separate boys' hostel for the male Ph.D. students.



During February – March 2021, when a few students were called for offline classes, each of them was provided with single room accommodation as per the COVID protocol. Hostel rooms are moderately furnished with cots, mattresses, table, chair, almirah and other electrical items like lights and fans. While the parents visit their son or daughter, on request, for one or two days, the parents are provided facilities to stay.

Council of Wardens

There is a Council of Wardens to advise and manage hostel-related affairs. The Council is headed by Prof. Pawan Kumar Dadheech, Chief Warden and Dr. Anjali Sharma as the Additional Chief Warden (for Girls hostels). The other hostel wardens are members of the Council- Dr. Sanjay Kumar, Dr. Neha Arora, Mr. Ravi Saharan, Dr. Suman Tapryal, Dr. Hemlata Manglani, Dr. Shaizy Ahmed, Dr. Ritu Singh, Dr. Muzzammil Hussain, Dr. Sanjay Kumar Patel, Dr. Pramod Kumar Naik, Dr. Narendra Kumar, Dr. Gobind Singh, Dr. Satyanarayan Murty Dogga, Dr. J. P. Tripathi and Dr. Motiniva Nayak. In order to streamline the administrative matters and timely disposal of the various students activities related to hostels, mess and others, Dr. Hari Singh Parihar, Joint Registrar and Mr. Manoj Kumar Indoria, Assistant Registrar have been designated as Controlling Officer and Dealing Officer for the Hostel and Mess Management Cell.

Mess Facilities

A Mega Mess facility is available for catering to approximately one thousand male students. At a time, 500 students can be supplied food in the Dining Hall of the mega Mess. Further,





each of the girl's hostel has separate mess facility and a dining hall to provide services. Messes are well furnished with oven, equipment for cooking in the kitchen and there is adjoining cleaning space with the kitchens. Maintaining quality, standard and hygiene are always given top priority while preparing, storing and serving the food. There are adequate seating arrangements for the students in all the dining halls.

Washing Machine Arrangements

Six washing machines and dryers have been installed at B-5 Building of boys' hostel. Similarly, other six washing machines and dryers are installed at B-4 girls' hostel for the use of students respectively.

Common Lounge and Reading Room Facilities

In the lounge area of each and every hostel, LCD Television facilities are provided, with seating arrangements. There is subscription of entertainment, informative channels and news channels in this facility. Further, all the hostel rooms have LAN connection facilities to access the Internet which is essential for studies. Further, outside the rooms, Wi-Fi networks are available as the whole campus is Wi-Fi connected for Internet access and the students have been given individual id and passwords to access the Internet facility. Some of the reputed national and regional newspapers like, Economic Times, Times of India, Dainik Bhaskar, Rajasthan Patrika are made available to the students. Reading room facility is also available in each hostel building.

Gyms and Sports Facilities

Gym facility with modern equipments is provided in both boys and girls hostels separately. As part of Indoor games, the following facilities are provided in the hostels:

1. Table Tennis facility in all the hostels (Girls & Boys).
2. Chess facility in all the hostels (Girls & Boys).
3. Carom facility in all the hostels (Girls & Boys).

Beyond these, students are thoroughly encouraged for outdoor games like Football, Volleyball, Basketball, Cricket and many other games. There are football ground, cricket ground, basketball court, and volleyball courts near to the hostels. The Sports Committee of the University engages the students and organizes various indoor and outdoor tournaments throughout the year. Safety and security of the girl students is always given priority in all University activities. According to gender specific needs, in the Girls' Hostel, Sanitary Napkin Vending Machines and Incinerator facilities are also available.

Steps for maintaining safety in the hostel due to COVID-19:



From the very initial days of the onset of the pandemic crisis due to COVID-19, the University authorities took very active and prompt action to make the students and staff safe from infection. The first step it took was to sensitize all the students and staff by organizing sensitization lecture and by giving informative materials to the students and staff through virtual mode. It stopped all kinds of gathering and also instructed the students to leave the hostel in a phased manner before the lockdown was imposed in 2020. Hostels were closed over the year most of the time but adequate maintenance work was taken up to ensure cleanliness of the hostel buildings and premises.

Administrative and Academic Buildings

The University is enriched with a number of buildings for Academic Departments and Administrative functions. Till September 2017, all the Academic Departments were located in semi-permanent buildings, or in transit buildings and subsequently, the majority of the Departments shifted to the newly constructed four Academic Buildings. The administrative offices shifted to the new administrative building that houses all the key administrative offices like Vice Chancellor's Secretariat, Office of Registrar, Dean-Research, Dean ARCI, Finance, and other administrative sections. The academic buildings have independent chambers for the Deans, Heads, and Professors. There are large classrooms, seminar halls, laboratory, and enough open space for providing a perfect atmosphere of learning and active interaction. These five buildings are located in a cluster and other four academic buildings and building for housing the Central Library will be constructed within the same circularly designed cluster as per the plan. Presently, a few Departments and Central Library are functioning from the semi-permanent buildings. There is an Auditorium within the University campus that provides the facilities for organizing Convocation, various cultural programmes and other major events and conferences of the University. The Instrumentation Laboratory and the School of Education that will house both the Department of Education and Department of Yoga is under construction in the University campus.

University Guest House

University Guest House is situated to the left of the administrative complex adjacent to the Vice Chancellor's Bungalow. The Guest House is primarily meant for official guests of the University /participants of Seminars / Workshops/ Symposia / Conferences / Training Programs etc., organized by the University Departments. Experts, examiners, visitors, and parents of students are also accommodated in the University Guest House with prior information. University Guest House is a well-designed spacious 3-storeyed magnificent structure with a capacity of 60 one-room suites, 10 two-room suites, and 2 three-room VVIP suites. Most of the rooms are well-furnished with air-conditioning, television set, refrigerator, geyser, and other basic amenities. Guest amenities provided in the rooms are



dental kit, comb, soap, moisturizer, shampoo, hair oil, toilet rolls and bathroom slippers. In the Guest House, there is one air-conditioned Seminar Hall with seating capacity of 70 members. In this Hall, various residential training programmes are organized. Adjacent to the same, air-conditioned Dining Hall with 40 seating capacity is used for hosting various high-profile official lunch and dinner. On the ground floor, the Non-AC Dining Hall of 60 seating capacity is used regularly for the residents of the guesthouse. There are other two Non-AC multipurpose Halls also available; these are often used for hosting community lunch and other indoor events. 100 % power backup facility is available in the Guest House. In order to maintain the occupancy rate and ease the stress of accommodation of newly joined faculty and staff, a part of the Guest House accommodates teaching faculty and officers for limited period of time. These faculty members volunteer to help in the management of the Guest House as well as running of Cooperative Mess facility. The University has a robust policy for the Guest House and experts, examiners, visitors and parents who are accommodated in the Guest House with different level of priorities. In different national, international conferences this Guest House plays an important role to host the dignitaries. Thus, the University Guest House has become an essential part of niversity life. Dr. Narendra Kumar and Mr. Ravi Raj Choudhary are faculty In-charge of the University Guest House.

Sports Facilities

Apart from teaching and constant evaluation of students' performance concerning their academic achievements, CURaj also provides facilities for sports because the University believes in the holistic development of students. The students are encouraged to make use of the sports facilities after academic engagement. There are lush green football and cricket fields, volleyball grounds, tennis courts outdoors and badminton and table-tennis courts





indoors. The University organises many sports events in the academic year such as; Carom, Chess, Volleyball, Kabaddi, Cricket, Badminton, Long Jump, Shot Put, Athletics, Table Tennis etc. Such events help in bringing the students community together and instill in them the significance of hard work and focus to achieve their goal. The Sports Council of the University and the School of Sports Sciences are actively engaged in promoting the sporting spirit amongst the students.

Shopping Complex

CURaj believes that vibrant campus life helps students in coming out of their shell. In this regard, the University has a Shopping Complex which apart from providing many facilities to students, also stands as an important venue of many cultural and awareness-related programs and events. It includes a Restaurant, Tea Stall, Photocopy shop, Dairy Shop, Laundry Facility, and a Co-operative Store. Through annual tendering, the shops are rented out to the vendors. All the products sold in the shopping complex are regularly monitored for quality control. The shops display the rate charts as a standard practice. Cleanliness and hygiene of the place is always kept on priority. During the period of pandemic, much of these facilities were closed, but there were restricted hours for providing services to the residents.

Bank, ATM and Post Office

Within the campus, there is a branch of BOI (Bank of India) with ATM facility. The bank provides all regular banking services and facilities to the CURaj community, including the villagers of the surrounding villages. The University also uses service of ICICI Bank and State Bank of India for various purposes. A post office is also located within the campus for handling various postal requirements. These services are a crucial component in the campus life of CURaj.

Staff Quarters

Central University of Rajasthan is attempting to make the mobility of people as unruffled as possible both within and outside the campus. In this regard, the University is providing the facility of Staff Quarters for both teaching as well as non-teaching fraternity. The Staff Quarters are closely located to the Academic Blocks which make the movement of the University staff less strenuous. At present, the University has B, C, and D Type of Quarters. Total 68 residential flats are available. There is a committee for allotment of quarters as per the eligibility criteria. There is round-the-clock power back-up in the residential blocks. The Vice-Chancellor's residence is also within the University campus. In the residential blocks, there is wide open space where various community events are hosted by the faculty and



staff. In such events, cultural programme, games, dinner and other entertainment activities are organized. A park for the children within the residential block is a beautiful addition that became an important feature to facilitate social and psychological wellbeing of the children on the campus. Further, Fitness Park (open gym) was inaugurated on 9th September 2020 near the B-type residential block that has various facilities to practice fitness activities. This facility is available for all the employees of the University and their family members.



Kendriya Vidyalaya

Kendriya Vidyalaya Sangathan is an important educational institution known for its contribution in the school education. KV-CURAJ, Bandarsindri is located in the campus of Central University Rajasthan. The School started on 31st May, 2017 and was inaugurated in July 2017. The school has been providing quality education to the children coming from various sections of the society. The school at present has 16 teachers and 1 non-teaching staff. There are 422 students enrolled in the school. There are 10 well-equipped class rooms besides the Principal's office, Staff Room, Library, Sports Room, Activity Room, Work-Education Room, CMP Room, Music Room, Computer Lab, Composite Science Lab, Exam Room, and covered Badminton Court. The students are encouraged to participate in various regional and national level events like, social science exhibition, science exhibition, sports events etc. In the Vidyalaya, various co-curricular activities such as solo & group song, dance, quiz competition, essay writing competition, poster making, card making, drawing competition etc. are conducted as per calendar of CCA in which students participate with full zeal and ardent. The students participated and secured position at Cluster Level in Debate competition under *Ek Bharat Shreshth Bharat* organized by KVS at K V No.2 Ajmer. Students also participated at Cluster and regional Level in Toy Making competition and got position. Three students have received certificate of merit in Green Olympiad Competition. One student of VIII std. received third position at State level competition organized by Vidyarthi Vigyan Manthan Science Talent Search Examination organized by Vigyan Prasar (Science and Technology Govt. of India) in collaboration with NCERT, CSIR-CEERI, and Vigyan Bharti. The students secured positions in various events like English-Hindi Elocution, and Green Olympiad at regional and national levels. The School has organized various programmes through virtual mode throughout the year and also updated many of these events on the YouTube link. Specifically, the school celebrated Grand Parents' Day, Teachers' Day, Yoga Day, Fit-India Movement, various cultural events for Hindi Diwas, Mother Tongue day and other important events to encourage the students.

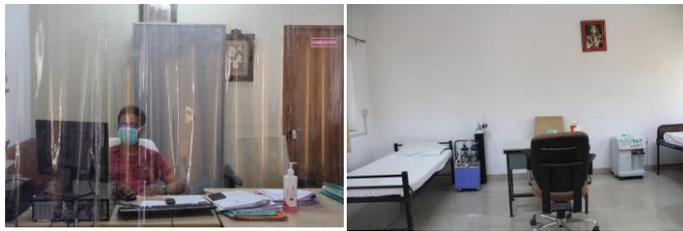


Pre-School

The faculty members of the University together started a play-school for the pre-school aged children in the Kendriya Vidyalaya campus. The pre-school is managed by the parents on self-finance basis. There are different activities of play, drawing, singing, and learning with fun that fine tunes the children's learning ability and creative expression. Because of the pandemic, the pre-school facility is presently closed.

Health Centre

The University has a well-equipped Health Centre in its premises. Recently, two COVID-19 isolation wards have been established which are equipped with oxygen, suction machines, wheel chairs and stretchers. The Centre has also recently established a fully equipped Dental Clinic with highly advanced dental chair, dental X ray machine, dental instruments etc. The Centre has also established an advanced Physiotherapy Unit with all the equipment necessary for all kind of physiotherapy. Recently, equipment was purchased for



routine hematological and biochemical tests. The centre is equipped with Oxygenator, Nebulizer, ECG, Pulse Oximeter, Resuscitation Kit (Ambubag etc.), Sphygmomanometer, wheel chairs, stretcher and autoclave etc. to deal during emergency. There is one consulting room for the doctors and visiting specialists, a dressing room, a medicine store and two wards with 6 beds for indoor patients. The Centre has one Ambulance service for referring critical cases to nearby higher medical centres. It provides O.P.D. services from morning 8 a.m. to 12 noon and evening 4 to 7 p.m. and also 24 hrs emergency services, and gives injections, drips, Oxygen, Nebulization etc. to indoor patients. In addition, Dr. Chobe Shivaji and Dr. Meenakshi are providing Ayurveda consultation on every Wednesday from 9 a.m. to 10 a.m. The Health Centre organizes medical health checkup camps for students of Kendriya Vidyalaya after every 6 months and conducts a thorough medical fitness examination. Due to COVID, these activities could not be conducted for the last one year. Medical reimbursement bills based on current CGHS rate list and guidelines from Ordinance and Government of India are verified by the staff of Health Centre. The Health Centre provided OPD consultancy to total 2192 cases and 68 cases (including students and



staff) were referred to other hospitals, after giving first-aid service, emergencies attended were 55.

The Health Centre also has online Samarth Portal for regular staff and students in which data are filed, like patient health history, medicine, facility availed and referral details etc. The Health Centre also organized health camp for vaccination. The 1st and 2nd Covid-19 vaccination drives for teaching staff, non-teaching staff, security staff, sweepers, maids, gardening staff and their family members were organized in the University Auditorium. Further, the Medical Officer regularly sends update about the vaccination drive and required health advisories.

Health Centre has 4 oxygen cylinders and 2 oxygenators for serious Covid -19 positive patients along with necessary medicines. The health centre has enough PPE kits, gloves, sanitizers, masks and all major protective gear to deal with Covid-19 patients. Health Centre Medical Officer- Dr. Ankur Mittal gave online consultation 24 X 7 to Covid-19 patients and also helped them to get admission in referral hospitals in case of emergency conditions by coordinating with hospitals during COVID-19 second wave. The female Medical Officer Dr. Ashima Johari joined the medical centre. Health centre staff Mr. Akhilesh Tiwari and Ms. Renu also recorded temperature and monitored SpO2 of people coming from outside. An Advisory Committee consisting of senior teachers oversees the functioning of the Health Centre. Prof. Amit K Goyal is the Chairman of the Advisory Committee and Dr. Ankur Mittal is the Medical Officer.

Rajbhasha Cell

Central University of Rajasthan has a Rajbhasha Cell for promotion of Official Language Hindi. Continuous efforts are being made for Implementation of Rajbhasha Rules. Departmental Rajbhasha Implementation Committee has been constituted in the Chairmanship of Honb'le Vice-Chancellor for assessment of the use of Hindi in official works. Rajbhasha Cell provides training to the officers & staff to work in Hindi by organising Hindi workshops. The staff of the University is also nominated to the workshops organised by Central Hindi Training Institute, New Delhi. During the reported year, 22 Staff members have taken training in online Hindi Workshops organised by Central Hindi Training Institute, Department of Official Language, Ministry of Home affairs, Govt. India, New Delhi. The facility of Hindi Typing has also been made available in the computers of all Administrative Officers and Staff. Several official documents such as Office Orders, Circulars and Press Releases etc. were translated and issued bilingual (Hindi & English) version. Hindi fortnight was organised during 01st to 15th September, 2020. On this occasion, various competitions like Hindi Essay Writing competition, Hindi Noting & Drafting Competition, Hindi Translation Competition, Poster Presentation etc. were organised for the staff and students of the University. Winners of the competitions were awarded first,



second and third prizes and certificates. Hindi Diwas was celebrated on 14th September, 2020. Thus, Central University of Rajasthan is taking several efforts for promotion of Official Language Hindi and the use of Hindi in official works is being increased gradually.

Other supportive features

The academic environment is well-equipped with a number of Classrooms, Lecture Hall, Laboratories, Reading Rooms, Hostels and Library. The supportive infrastructure includes Play Grounds, Gymnasiums, Auditorium, Bank, ATM, Post Office, Shopping Complex etc. There are wide roads and sidewalks with green cover and street lights to encourage health-walk and relaxation. The whole infrastructure is made, keeping the motto of sustainable development at the core. Efforts are made to ensure comfortable living of the students and residents of the University. There is transportation facility for students and staff within the campus and from the nearest town of Kishangarh. The University bus regularly plies from Kishangarh to University twice in the morning and evening. The bus also ferries students from the hostel to their academic blocks during morning, evening, and lunch break. There are other two e-rickshaws to move within the campus. An auto-rickshaw runs between University Campus to bus-stop at Bandarsindri Highway, from early morning to late evening to ferry the students and staff. Some of these travel facilities were specifically restricted due to the pandemic.

Rajasthan is rich in solar energy. The University has made efforts to use the solar power by installing the solar panels. These panels are installed on the rooftop of the hostels of the University, in the Academics Blocks and are also planning to install more of these for other buildings to reduce the electricity consumption and ensure maximum utilization of solar-energy. Greed-Connected Roof-top solar plant is installed and currently 780 Kilowatt electricity is generated through this solar-plant. This electricity is connected with the power grid, thus helping in reduction of the electricity bill. Further, water-harvesting systems have been designed to support sustainable infrastructure. Plantation drive and cleanliness campaigns were conducted regularly to spread awareness and also to keep the environment green to support the well-being of all residents of the university. Dustbins are installed in particular locations and regular cleaning of the same is carried out. With continuous plantation, the green cover on the campus is also increasing.



STUDENT SUPPORT SYSTEM

Equal Opportunity Cell

The University has set up an Equal Opportunity Cell with a vision to devise suitable programmes/schemes, including Remedial Courses, to improve the academic performance of the students belonging to the SC/ST/OBC (non-creamy layer) minorities. The activities of this Cell are to establish coordination with Government and other funding agencies to mobilize financial and other academic resources for the benefit of targeted students in the University. This Cell has been functioning in the leadership of Prof. J.K. Prajapat, Department of Mathematics, Central University of Rajasthan.

Anti-Ragging Committee

An Anti-Ragging Cell is functioning in the Central University of Rajasthan to combat ragging in the University Campus. Under this Cell, the University has constituted an Anti-Ragging Squad, which monitors as well as sensitizes the students to ensure ragging free environment. The Anti-Ragging Committee for the year 2020–21 had following members.

Head	Prof. Arun K. Pujari, Vice-Chancellor
Convener/ Nodal officer	Proctor (Ex-officio)
Vice-Chancellor nominee	Mr. K.V.S. Kameswara Rao (Registrar)
Faculty representative	Prof. Vipin Kumar (Chief Warden)
	Dr. S. Kandaswamy
	Dr. Anjali Sharma
	Mr. Ravi Saharan
	Dr. Nagendra Kumar
Non-teaching staff representative	Dr. Mohd. Hussain Kunaroo
	Mr. Om Kumar Karn
	Mr. Saroja Kumar Panda
Representatives of local administration	Ms. Pratima Chattraj
	Mr. Inder Singh Rathore, SHO, Bandarsindri Police Station
Representatives of local media	Mr. Shyam Manohar Pathak, Senior correspondent, Dainik Bhaskar, Kishangarh



Students' Council

A Students' Council is constituted in the University and students' representatives are elected by the students from various Departments. In addition, the Academic Council of the University also nominates students as members of the Students' Council based on merit in academics, sports and extra-curricular activities. Each year, a total of 19 students' representatives are elected from various Departments and 20 students are nominated by the Academic Council. This council decides upon and resolves matters related to students' academic and welfare activities.

Mental Health and Well-Being Committee (2020-21)

Since its inception, the Central University of Rajasthan has considered the mental health of students as an important component of academic advancement and development of students. The University has envisaged holistic growth, well-being and comprehensive learning in its student centric approach. The psychological counselling unit is functional from 2013, and it became even more active during the emergence of the COVID-19 pandemic. The committee has ensured the well-being of the students and staff of the University. The committee has opened facilities for online counselling, regular discussion and facilitated information sharing on aspects related to mental health and well-being. Further, the University has imbibed various directives and protocols shared by various authorities to ensure the best possible management of the pandemic situation. Throughout the period of University closure, the University established online communication with all the students to engage them proactively in the academic process with an aim to ease the academic stress and establish an educative-learning communication with the students. Whenever students faced any issue to participate in the online classes, they were contacted by the counsellors and their issues were resolved individually. When students communicated issues with connectivity or not having adequate facilities, they were supported by their teachers over telephone and peer support was also initiated for them. The mental health team was in regular communication with the students through email and provided different materials that would help them to be committed and focused and help them develop positive coping strategies for handling any issues related to online education.

A weblink with the basic information about mental health and references has been added to the University website. The same information has also been shared on the University's social media accounts. The mental health team made noteworthy efforts to normalize the situation and focused on motivating the students to prioritise their academic interest and to be optimistic and active in their personal life and family engagements. The counsellors frequently encouraged the students to develop an understanding of the prevalent situation and work towards keeping active, fit and healthy as a matter of self-commitment. The



students were advised to develop positive life-style habits alongside engaging with studies, assignments and going through online course material. They were encouraged to keep some time aside regularly for meditation, yoga, relaxation exercises, recreation, and practicing hobbies. In every communication, the importance of being at home and taking every possible effort to be healthy was emphasized with the message that the existing context should lead us not to worry but to be responsible.

Webinar on Mental Health and Well-Being

On 12th May 2021, the Mental Health and Well-being Committee organised a webinar on “Pandemic and Emotional Health”. An expert talk was delivered by Prof. (Dr.) R Srinivasa Murthy, Ex Professor of Psychiatry (NIMHANS, Bangalore) and Ex-Consultant for WHO (East and Middle-East Region). Vice Chancellor (i/c) Prof. Neeraj Gupta welcomed Professor Murthy and shared that he is a pioneer in the area of disaster management with all present. Prof. Gupta also expressed gratitude on behalf of the University community for Prof. Murthy’s willingness to speak to the members of the University. The talk was followed by an online interactive session wherein the participants discussed their queries related to the topic with the speaker. The webinar was coordinated by Dr. Subhasis Bhadra, Associate Professor and Chairperson, Mental Health and Well-Being Committee and Dr. Atiq Ahmed, Assistant Professor, Department of Social work. Vote of thanks was presented by Dr. Sanjib Patra, Associate Professor and Head, Department of Yoga.

Student Grievances Committee

University has constituted a Students’ Grievance Redressal Mechanism at the School level, wherein student grievances related to academics are addressed in an open and democratic environment.



EVENTS

Activities Conducted By the Sparsh Cell (2020-21)

Sensitization, Prevention and Redressed of Sexual Harassment (SPARSH) Cell, is an apex body instituted by University to impart awareness and sensitize staff and students of the University about issues related to sexual harassment. Each year, the SPARSH cell organizes an Orientation programme for the students on gender sensitization and awareness. In this programme, the fresh batch of students are invited and sensitized about the sexual harassment related subjects and informed about the functioning of the SPARSH cell that operates in the University. In the backdrop of COVID, the SPARSH cell had minimal interaction with students.

72nd Republic Day Celebration

The 72nd Republic Day was celebrated with the unfurling of the National flag by the Honourable Vice Chancellor Prof. A.K. Pujari. The celebration was followed with cultural performances including dance, drama, music etc. by the students of Central University of Rajasthan. The Republic Day parade was also held at 10:00 AM in the presence of around 800 students, faculty members and staff members. On this occasion, the Honourable Vice-Chancellor Prof. Arun K. Pujari also addressed the staff and students about building stronger academic institutions.

74th Independence Day Celebration

The 74th Independence Day was celebrated at the Campus with real splendour and patriotic fervour under the leadership of Honourable Vice Chancellor, Prof. A.K. Pujari. The 'Tiranga' was hoisted by the Vice Chancellor, following which he addressed the gathering. A cultural presentation of patriotic songs and reading of poems by students was also organised. The Independence Day Parade was held at 10:00 a.m. in front of the administrative building of the University in the presence of teaching staff. The celebration ended with remembering the sacrifices of the heroes of freedom struggle in India.

Cultural Events

The University has constituted a Cultural Committee, which is continuously engaged in promoting various cultural activities to harness the creativity of students and to stimulate positive feelings among them. In the same spirit, the Cultural Committee organized various activities throughout the year by engaging the students through online mode even as they were not present on campus due to the Covid Lockdown Protocol. The vision of these



online activities were to make the students feel relaxed and get connected with their peers in virtual mode through non-academic activities as well. The Cultural Committee has five clubs namely, Literary Club (Abhivyakti), Drama Club (Abhinaya), Dance Club (Nrityada), Music Club (Sargam) and Art Club (Kala-Kriti). Each club functions under the leadership of a faculty coordinator along with a student coordinator to facilitate and organize special activities of the club.

These clubs organized various cultural and competitive events throughout the year through online mode and added colour and enjoyment in the virtual campus life. The winners of these events were recognized during the Foundation Day Programme of the University by the Honourable Vice-Chancellor of the University with the prizes and certificate being handed to the students as and when they visited the campus.

The art club '*Kalakriti*' organized a University level Fine Art Online Competition in the month of September 2020. As part of this event, the students submitted landscape paintings on 'nature and human life, environment change during Covid, living in the quarantine period'. The topic for sketching were, "isolation, optical illusion" while the poster making topics were "social distancing, mental health awareness, my world at home". There were events of doodling digital graphics art too. The students had an opportunity to express their feelings through a creative medium and be engaged with their creative self.

Since 2015, the Constitutional Day is celebrated in India on 26th November to commemorate the adoption of the Constitution of India. An important part of this celebration is the reading of the Preamble to the Constitution and reaffirming our commitments to uphold ideology. The Cultural Committee organized an Online Quiz competition for the students on this event. Through Google form, a set of 30 questions was prepared and posted on the theme of Constitutional Day. 96 students participated in this event.

The Drama Club '*Abhinaya*' organized a weeklong film festival between 28th September to 2nd October 2020 on the occasion of '150th Birth Anniversary of Mahatma Gandhi'. Every evening through virtual platform, five documentaries on Mahatma Gandhi were screened. On this occasion, students were also engaged to participate in the essay writing competition on the topic, 'Relevance of Gandhian Philosophy at Present, or Non-Violence and its significance in Society'. Further, on 30th September 2020, the members of Cultural Committee met with the students on a virtual platform and had an interactive discussion on the 'Life of Gandhi'. All the students who participated in the events were given time to present their views, reflect and discuss.

The Cultural Committee of Central University of Rajasthan has taken up few cultural creative-expressive activities for the purpose of awareness generation among the students



and staff about the importance of celebrating 'Vigilance Week' from 27th September to 2nd November 2020. Keeping in view the spirit and the need of fighting the social evil of corruption, the Cultural Committee, CURAJ organized various competitions on the theme of this year '**Vigilant India Prosperous India**'. The topic for essay writing completion was "Vigilant Citizens: Key to Prosperity", and other competitive events were- reciting self-written poem for three minutes, slogan writing and poster making. Students and staff of the University actively participated in the events. As a whole, the activity generated a lot of discussion among the students and staff about the challenges due to lack of integrity and the need of promoting the culture of being vigilant to ensure prosperity of the nation.

Matribhasha Diwas (International Mother Language Day)

The International Mother Language Day is celebrated every year on 21st February. In India, the theme of the 2021 International Mother Language Day was 'Fostering Multilingualism for Inclusion in Education and Society'. This year's observance was a call on policymakers, educators, teachers, parents and families to scale up their commitment to multilingual education and inclusion in education to advance education recovery in the context of COVID-19. The Cultural Committee of Central University of Rajasthan celebrated this day by organizing a *Kavi-Sammalen* through online mode. Seven poets from across the nation were invited to recite their poem in the event. The poets from Bengal, Odisha, Karnataka, Kerala, Uttar Pradesh, Manipur, Assam and Rajasthan participated in this event. The students and staff of the university had an opportunity to interact with the poets through the virtual platform.

Dance Club (*Nrityada*), also organized group and solo dance competition to promote local cultural through online mode. The students recorded their traditional dances and sent them through virtual platform. The students' efforts were evaluated and the prize winners were recognized during the Foundation Day Programme.

Foundation Day

Central University of Rajasthan completed 12 years of its existence on March 03, 2021. To commemorate this auspicious occasion, the 13th Foundation Day of the Central University of Rajasthan was celebrated with an entire day of festivity. Celebrations of the Foundation Day were initiated with Mass *Surya Namaskar* at the rise of Sun. The entire university fraternity including Honourable Vice-Chancellor, Registrar, Controller of Examination, Faculty members, Staff members and Students of the University participated with great enthusiasm. At 10:00 AM, the flag of Central University of Rajasthan was hoisted with honour at the Lawns of SP-4 building.

Sports Activities



Fit India Movement

The Fit India Movement, launched on 29th August, 2019, is a movement to take the nation on a path of fitness and wellness. It provides a unique and exciting opportunity to work towards a healthier India. As part of the movement, individuals can undertake various efforts for their own health and well-being as well as for the health and well-being of fellow Indians. Cycling is one of the best ways to remain fit and healthy. Cycling is the new craze that combines fitness with fun. The Central University of Rajasthan, under the aegis of Fit India Movement, Ministry of Youth Affairs and Sports, Government of India, organized **CURAJ Fit India Cyclothon** (Cycling Event) in the University campus on 10th February, 2021 between 3:00 PM to 5:00 PM for University staff (Teaching & Non-teaching) and Ph.D. students those who were available in the campus.

CURAJ Fit India Cyclothon was graced by the presence of Chief Guest Prof. Neeraj Gupta, Vice Chancellor (I/c) CURAJ and Guest of honor Shri R. R. Choudhary, Drom Marble Pvt. Ltd. Other dignitaries present were Shr. KVS Kameshwar Rao, Registrar, CURAJ, Dr. S. Kandaswamy, Chairman Sports & Games Committee, CURAJ. The cycling event was organized in following three categories:

Category 1: Male participants above 35 years of age

Category 2: All female participants

Category 3: Male participants below 35 years of age

In category 1, total 32 participants participated in the **CURAJ Fit India Cyclothon** event and each participant covered a total distance of 4 km. Dr. S. Easwar won the race and Mr. Sevaram Kumavat and Mr. Gaurav Sharma secured 2nd and 3rd positions respectively. In category 2, total 12 participants participated in the **CURAJ Fit India Cyclothon** event and each participant covered a total distance of 4 km. Dr. Neha Singh won the race and Dr. Suman Taprayal and Ms. Sarita Bugalia secured 2nd and 3rd positions respectively. In category 3, total 40 participants participated in the **CURAJ Fit India Cyclothon** event and each participant covered total distance of 4 km. Mr. Inderpal Singh won the race and Mr. Sachin Sharma and Mr. Atul Jakhar secured 2nd and 3rd positions respectively.





T-shirts (sponsored by Drom Marbles Pvt. Ltd.) were distributed to all the participants to wear it during the race. Refreshments were also provided to all the participants. During valedictory function, all the winners of the said events received trophies and participation certificates whereas other participants of the said event got their participation certificate by the Fit India cell of the Government of India. The Program was concluded by the vote of thanks to all the stakeholders who directly or indirectly contributed for the success of the event.

National Service Scheme (NSS) Activities

Fit India Movement

Under the COVID-19 pandemic situation, the Central University of Rajasthan campus was off limits for the students and the NSS volunteers. However, the NSS volunteers actively participated in Fit India's campaign by observing this at their home place. The students organised physical fitness awareness in their vicinity and acted as a mentor to the physical fitness program for Fit India's mission launched by the Honourable Prime Minister. The NSS volunteers encouraged children to engage in different fitness exercises and imparted awareness on the benefits of fitness. They also made them aware of mental and physical health.

The 'Fit India Movement' aims to bring about behavioural change and introduce basic fitness practices in the daily lives of Indians, a majority of who lack access to sports or fitness infrastructure in their neighborhoods. This also requires a particular focus of the campaign to rural India that lacks improving physical well-being and fitness awareness. Under this campaign, higher educational institutes are important for strengthening the institutional fitness plan incorporating sports/exercises/physical activities for fitness into the daily routine. This also includes a walk of 10,000 steps daily. Despite the COVID-19 pandemic situation, the members of Central University of Rajasthan actively participated in this campaign of Fit India. NSS students observe these activities in their residential localities and the faculty members also observed the daily walking and yoga practices to keep themselves healthy.





FIT India club at Salauna village in Begusarai district of Bihar has been observed by Nikhil Kumar, an NSS CURAJ volunteer. Since starting the club on 15th August 2020, he has made a group of 11 school-going children and gives them training in exercise, yoga, sports, and other physical activities. The children are delighted to receive this guidance and are practising these activities regularly.

125th Birth Year Celebration of Netaji Subhash Chandra Bose

Netaji Subhas Chandra Bose was born on 23 January 1897. In order to honour and remember Netaji's indomitable spirit and selfless services to the nation, NSS-CURAJ celebrated his birth anniversary on January 23, 2021. The nation also celebrated this day as '*Parakram Diwas*' to inspire people of this country, especially the youth, to act with strength in adversity as Netaji did. This also helped to infuse a spirit of patriotic fervor nationwide in general and to youth in particular. These activities were initiated following the directions received from Directorate of NSS guidelines, New Delhi, and the Regional Directorate, Jaipur. NSS-CURAJ celebrated this event among the NSS volunteers and the students of Central University of Rajasthan. We remembered Netaji Subhash Chandra Bose's contributions in India's freedom struggle, his vision and messages for future India and paid tribute to such a visionary and brave son of India. NSS CURAJ organized various activities like speech and poetry competition to spread his messages that are still very relevant in strengthening our nation. We also encouraged our students to share their understanding and knowledge about Netaji Subhash Chandra Bose by competing in quiz and essay competitions related to the philosophy and contributions of Netaji to our motherland. The students very enthusiastically participated in the event and the top ten winners were awarded a certificate of merit while all others received a certificate of participation. The enthusiastic participation of the young students and their words shared in the program are highly appreciated.

An online event was also organized on Netaji's birth anniversary by NSS CURAJ. This 2-hour long event was conducted on the Zoom platform, with more than 150 participants joining it live. The event started at 05:00 PM with the opening remarks of Prof. Rajesh Kumar, Chairperson NSS-CURAJ. Dr. Sangeeta Yaduvanshi, a faculty of the NSS committee, also spoke at the event.

Vigilance Awareness Week – 2020

As per the guidelines of the Central Vigilance Commission, the Vigilance Awareness Week – 2020 was observed from 27th October to 2nd November 2020 at Central University of Rajasthan with the theme '*Vigilant India, Prosperous India*'. The NSS Chairperson and volunteers of CURAJ who were not present in the campus participated and took the e-pledge from home.



One Week Faculty Development Program

Department of Yoga, Central University of Rajasthan conducted a one week Faculty Development Program-“NEP 2020-Impetus for Life skills and Holistic development” from 1st to 5th March, 2021. The objectives of this program were to explore the holistic practices that help to enhance teaching learning and to identify possible ways to adopt holistic practices in teaching learning atmosphere. The aforesaid program was organized by Teaching Learning Centre, Central University of Rajasthan. The program was formally inaugurated by Padmashri Dr. Ved Prakash, Former Director of International Union of Food Science and Technology, Central Food Technological Research Institute. In the inaugural address, Dr. Ved Prakash stated the importance of food, stress management and physical activity. He also explained the importance of Yoga and meditation in overall personality development. Prof. Neeraj Gupta, Vice Chancellor (I/c), Central University of Rajasthan presided the inaugural function. The program was attended by 72 participants from various eminent institutions across the country such as Central University of Kerala, Central University of Manipur, SVYASA University Bengaluru, Shri Shri University Bengaluru, Sri Devaraj Urs Academy of Higher Education and Research, Kolar, Ramaiah Ayurveda Hospital (Ramaiah Indic Specialty Ayurveda Restoration Hospital), Maharana Pratap National College, Mullana etc.

Various eminent speakers from across the country shared their insightful thoughts. To name a few, Dr. R. Nagaratna, SVYSA University Bengaluru; Dr. Anad Bhavanani, CYTER of Sri Balaji Vidyapeeth & Chairman ICYER at Ananda Ashram, Pondicherry; Prof. Vinutha M. Shankar, Professor and HOD, Dept. of Medical Physiology, SDUMC, Kolar, Karnataka; Prof. N. K. Manjunath, Pro-Vice Chancellor, S-VYASA University, Bangalore and Dr. Hemant Bhargav, Assistant Professor, NIMHANS. Various topics on role of Yoga and Meditation in teaching learning, Life Skill development, holistic practices for slow learners, and graduate attributes were discussed. This Faculty Development Program helped all the participants to understand the importance of holistic practices including Yoga, meditation, life skills, emotional well-being enhancement in teaching and learning.

International Day of Yoga Celebration

Yoga has been an Indian tradition for more than 5000 years. Yoga helps promote physical, mental and spiritual dimensions of the personality. Considering the importance of Yoga in modern times, the United Nations recognized 21st June as International Day of Yoga (IDY) in 2015. Department of Yoga, Central University of Rajasthan in collaboration with the Inter-University Centre for Yogic Sciences (IUCYS) celebrated 7th IDY on a virtual platform. On this occasion, a 4-day Workshop on Yoga Therapy was conducted by the Department from 21st to 24th June, 2021.



The workshop was inaugurated by Prof. Ved Prakash, an Indian Structural Biologist, Food Technologist and Former Director-General designate of the Council of Scientific and Industrial Research (CSIR) with his enlightened speech. The function was presided over by Prof. Neeraj Gupta, Vice-Chancellor (I/c), Central University of Rajasthan. The workshop was focused on four major common health issues 1) Diabetes Mellitus 2) Back pain 3) Cardiovascular Disease and 4) Mental Health. Four experts were invited to share information on the health issues of interest. Dr Amit Singh, Assistant Professor, SVYASA University Bangalore shared information on Diabetes. Dr Ramajayam Senior Scientific Officer, Centre for Consciousness Studies, NIMHANS, Bangalore; shared on Cardiovascular Diseases. Dr. Nitin Patil, Associate Professor, Department of Integrative Medicine, Devaraja Institute of Medical Sciences and Research, Kolar; shared information on Back Pain, and Dr. Hemant Bhargav, Assistant Professor, Department of Integrative Medicine, NIMHANS, Bangalore; talked on Mental Health. Each expert talk was followed by a yoga therapy session for respective health issues. Dr Kashinath Metri, Assistant Professor, Department of Yoga and Dr. Sanjib Kumar Patra, HOD, Department of Yoga, conducted the practical session. The program was attended by more than 70 participants. Prof. Avinash Chandra Pandey, Director Inter-University Centre, New Delhi was the Chief Guest of the valedictory program.

Mass Suryanamaskar Practice

Makar Sankranti signifies the diverse culture of Indian states. This festival is celebrated according to the solar cycles due to which it falls on the same day every year. The festival marks the movement of the majestic Sun towards the North. It is a day dedicated to worship the Sun God whose light nourishes and energizes the life on the earth as *Rathasaptami*. Department of Yoga Central University of Rajasthan conducted a mass *suryanamaskar* practice on occasion of *Rathasaptami*. As *Makarsankranti* is a solar event, the Yoga Department organized a *Suryanamaskar* programme for all students and staff of CURaj on January 14, 2021, from 7.45 to 8.30 am at the Tennis court. The event started with a recitation or prayer to Sun God as quoted in *Isha Upanishad*. Twenty four rounds of *Suryanamaskar* were performed by the students and staff of our campus. Dr. Neeraj Panwar, Assistant Professor in the department of Physics gave the guided instruction for this programme and a PhD scholar from the aforesaid department demonstrated *Suryanamaskar* for all the rounds. Approximately thirty participants took part in this event. Scientific and spiritual benefits of the *Suryanamaskar* practice were also explained to the participants at the end by the faculty members of the Yoga Department.

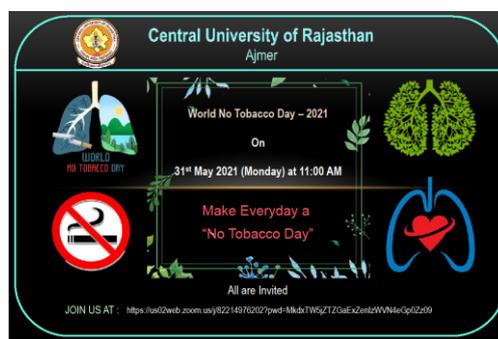
Regular Morning Yoga Class for Promotion of Health and Wellness



Department of Yoga has been regularly conducting morning Yoga classes for students and staff of CURaj since April 21, 2021. The main objectives of this session are to promote the health and prevention of diseases. The session starts at 6.30 am and ends at 8 am. In addition to Yoga practices, health tips are also given for the benefit of everyone.

Observance of World No Tobacco Day

World No Tobacco Day was observed on 31st May 2021 and World No-Tobacco Day Pledge Taking Ceremony was conducted at Central University of Rajasthan at 11 AM. Officers, Faculty and Staff of the University took part in the World No-Tobacco Day Pledge through online mode.

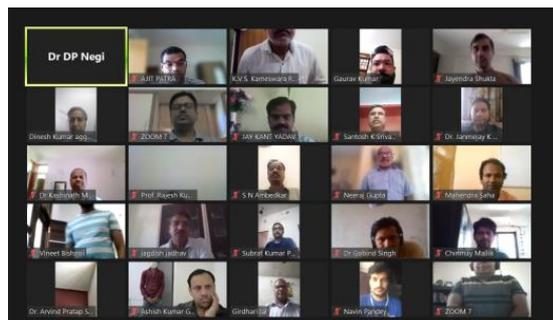


Observance of Anti-Terrorism Day

An Anti-Terrorism Pledge taking ceremony was conducted at Central University of Rajasthan on 21st May 2021 at 11 AM. 93 participants took part in the Anti-Terrorism Pledge through online mode.

Foundation Day Celebration

The 13th Foundation Day of Central University of Rajasthan was celebrated on 03 March 2021. Chancellor, S-VYASA University, Bangalore and Former Scientist, NASA Prof. (Dr.) H. R. Nagendra, graced the occasion through online mode and delivered the Foundation Day Lecture. Prof. Nagendra, while recognizing the achievements of the University said that such an event inspires people to move forward. He spoke at length about Yoga-the science of holistic living. On the occasion of the 13th Foundation Day, certificates were also awarded to the winners of various competitions held in the University.





Two-day online Training Programme on ‘Enhancing Personal Effectiveness’ - for Employees of the University

Central University of Rajasthan organized two-day online training programme entitled ‘Enhancing Personal Effectiveness’ from 5th to 6th June 2021 for its employees. This consisted of four webinars by experts from different academic and training institutes. Prof. Sanjay Kaushik, University Business School, Panjab University, Chandigarh conducted an interactive webinar titled "Motivating for Excellence."



Mr. Gunjan Gandhi, Deputy Director, Defence HQ Training Institute (DHTI), New Delhi took two sessions titled “Official Communications - Noting and Drafting” and “Disciplinary Proceedings with reference to major and minor punishments”. Mr. Santosh Sohgaura, Joint Registrar, Dr. Harisingh Gour Vishwavidyalaya, Sagar (MP) spoke on "Personality Development & Institutional Branding."

National Education Day

National Education Day was celebrated on 11th November 2020 to commemorate the birth anniversary of Maulana Abul Kalam Azad. The Department of Education, under the School of Education, organized Essay Writing Competition & Quiz Competition on the occasion of 132nd Birth Anniversary of the famous independence activist and India’s First Education Minister Maulana Abul Kalam Azad. Best performers were also awarded with First, Second and Third Prize.

CURaj celebrates the Amrit Mahotsav of India

To commemorate 75 years of Indian independence, the Amrit Mahotsav of India is being celebrated across the country. Under this festival, a webinar was organized at Central University of Rajasthan. Prof. Anand Kumar, Former Professor of Sociology, JNU, New Delhi addressed the participants on the topic "Gandhi and India’s freedom struggle." Presenting the lecture, Prof. Anand Kumar spoke about the contributions of Mahatma Gandhi, Bal Gangadhar Tilak, Subhash Chandra Bose, V.D. Savarkar, Dr. Bhim Rao Ambedkar, and Pt. Jawaharlal Nehru. He also talked about the equality of thought, expression, belief and opportunity mentioned in the constitution. Prof. Kumar said that India's future path passes through Schools, Colleges and Universities; therefore, teachers should contribute towards nation building by imparting good education.



Nature Index places research of CURAJ in top ranking institutes of country

Each year, the Nature Index publishes tables based on counts of high-quality research outputs in the previous calendar year. It is a matter of great pride for the University that among all the academic institutes of India, Central University of Rajasthan has been ranked 38 in the Nature Index. If only Indian Universities are considered then Central University of Rajasthan is in top 10 in the Nature Index. Chemistry in the School of Chemical Sciences and Pharmacy has been ranked 34th among all institutes in India.

International Women's Day Celebration

International Women's Day was celebrated at Central University of Rajasthan on 8th March 2021. On this occasion, a webinar was organised in which women from several fields participated and shared their views. The lady behind the slogan "Beti bachao Beti padhao" Ms. Chetna Bhati, Dy. SP, Udaipur Police said that in today's era, it is very essential for a woman to be financially capable. Ms. Chaaru Kaushik, an Entrepreneur and Specialist of Women Start-Ups, highlighted the need of the hour being women empowering each other and instead of talking about equality, we should work towards it. Ms. Vartika Nanda, Head, Department of Journalism, Lady Sri Ram College, Delhi said that it is necessary to break the chains which we have created ourselves around us. Editor and Anchor of CNN-18 Ms. Maha Siddiqui said that the women who are successful should encourage other women and provide their guidance for moving ahead. A film on successful women Alumni of CURaj was also shown during the webinar.



Three-day online workshop at CURaj

On the occasion of International Yoga Day, three-day online workshop—"Designing Destiny...The Heartfulness Way" was organized from 19.06.2021 to 21.06.2021 for the employees and students at Central University of Rajasthan. On the first day of the workshop, while giving information on the importance of self-management, the relaxation and meditation process of Heartfulness method was practiced by Mr. Tarun Toshniwal, Regional Coordinator, Jaipur. On the second day, training on stress management was imparted to manage stress through the cleaning method of Heartfulness by Mr. Saurabh Mishra, Business consultant and motivational speaker. On the third day, while giving information about building self-confidence with inner connection, training on the process of prayer method of Heartfulness Meditation was imparted by Shri Manoj Nagar, Heartfulness Instructor and the questions asked by the participants were answered. The program was broadcasted live on YouTube.





Extension Activities

CUCET-2020

Central Universities Common Entrance Test 2020 (CUCET-2020) was successfully organized in offline mode (OMR based) from September 18th to 20th 2020 across the country in 141 cities. This examination was conducted continuously for three days, two-shifts-a-day [10.00 AM to 12.00 Noon and 3.00 PM to 5.00 PM]. This is a unique examination, which was organized by Central University of Rajasthan as Coordinating University, on the behalf of all the participating universities across India.



This year 14 Central Universities, viz., Central University of Rajasthan, Punjab Jharkhand, Kerala, Tamil Nadu, Gujarat, Haryana, Odisha, Karnataka, South Bihar, Jammu, Andhra Pradesh, Kashmir, Assam and 4 state universities viz., Khallikote University, Berhampur; Baba Ghulam Shah Badshah University, Jammu; Sardar Patel University of Police Security and Criminal Justice, Jodhpur; Dr B. R. Ambedkar School of Economics University, Bengaluru took part in this joint entrance examination.

CUCET-2020 was conducted for entrance to 72 UG and integrated courses, 344 PG courses and 270 research programs offered by the 18 participating universities; for 686 programmes at 18 Universities in 125 test papers. A total of 2,72,912 candidates registered for CUCET and out of this around 1,46,864 finally appeared for the examination which was almost 53.81% of the total registration numbers.

Teaching-Learning Centre (TLC)

The Teaching Learning Centre was established in the year 2017-18 at CURAJ with a vision to support evidence based teaching and provides diverse opportunities for teachers. It is funded by Ministry of Education, Government of India under the Scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT). It is envisaged to help teachers to modernize their teaching style to scaffold concepts and information in a



way that students can meaningfully take in and to help students learn more deeply and retain what they have learned.

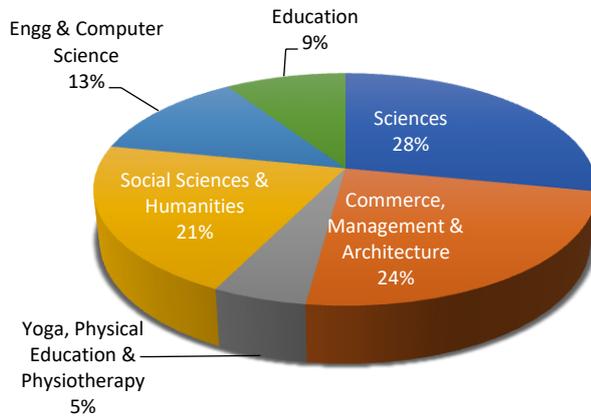
TLC has conducted 10 workshops/training programs of one to four weeks duration on diverse areas viz. effective teaching learning, nuances and implementation of New Education Policy: 2020 and vocational education & training etc. through ONLINE video conferencing mode. In total, 805 teachers from different higher educational institutes belonging to 28 different states of India and foreign participants covering 62 disciplines were trained during these workshops. The invited speakers associated with different academic institutes, universities, private organizations, industry, and spiritual/yoga organization from India and abroad were invited to deliver the lectures/training sessions.

The following workshops were conducted successfully during the academic year 2020-21

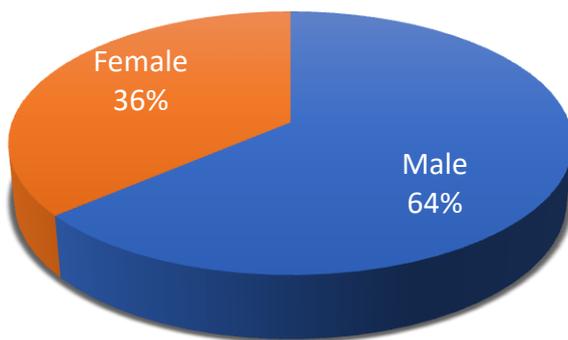
- Five-Day Online Workshop on Effective Teaching in Computer Science 13th - 17th July, 2020.
- One-Week Online Faculty Development Program on Implementation of New Education Policy 2020 – Role of Faculty Members of HEI, 4th – 8th Nov, 2020.
- Ten-Day Online Faculty Development Program on Teaching Learning and Assessment, 23rd Nov - 3rd Dec, 2020.
- One-Week Online Faculty Development Program on Implementation of National Education Policy 2020: Vocational Education and Skill Development, 14th – 18th Dec, 2020.
- One-Week Online Faculty Development Program on Traditional Indian Wisdom on Teaching and Learning, 21st - 26th December, 2020.
- Ten-Day Online Faculty Development Program on “Indian Ethos in Management,” 4th – 14th January 2021.
- Four-Week Induction Training Program for Faculty Members of HEIs, 20th January – 16th February, 2021.
- One-Week Online FDP on “NEP 2020: Inculcating Research Culture in Teaching and Learning Process” 22nd - 26th February, 2021.
- One-Week Online Faculty Development Program on “NEP 2020: Impetus for Life Skills and Holistic Development”, 1st - 5th March, 2021.
- Ten-Day Online Faculty Development Program on Teaching Learning and Assessment, 15th - 25th March, 2021.

The break-up of participants is as follows:

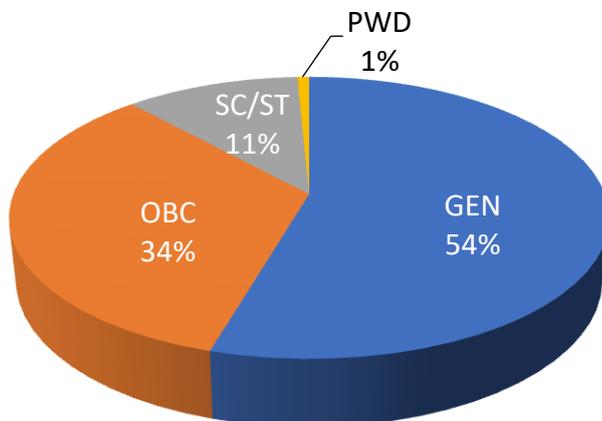
Participant: Discipline



Participant: Gender

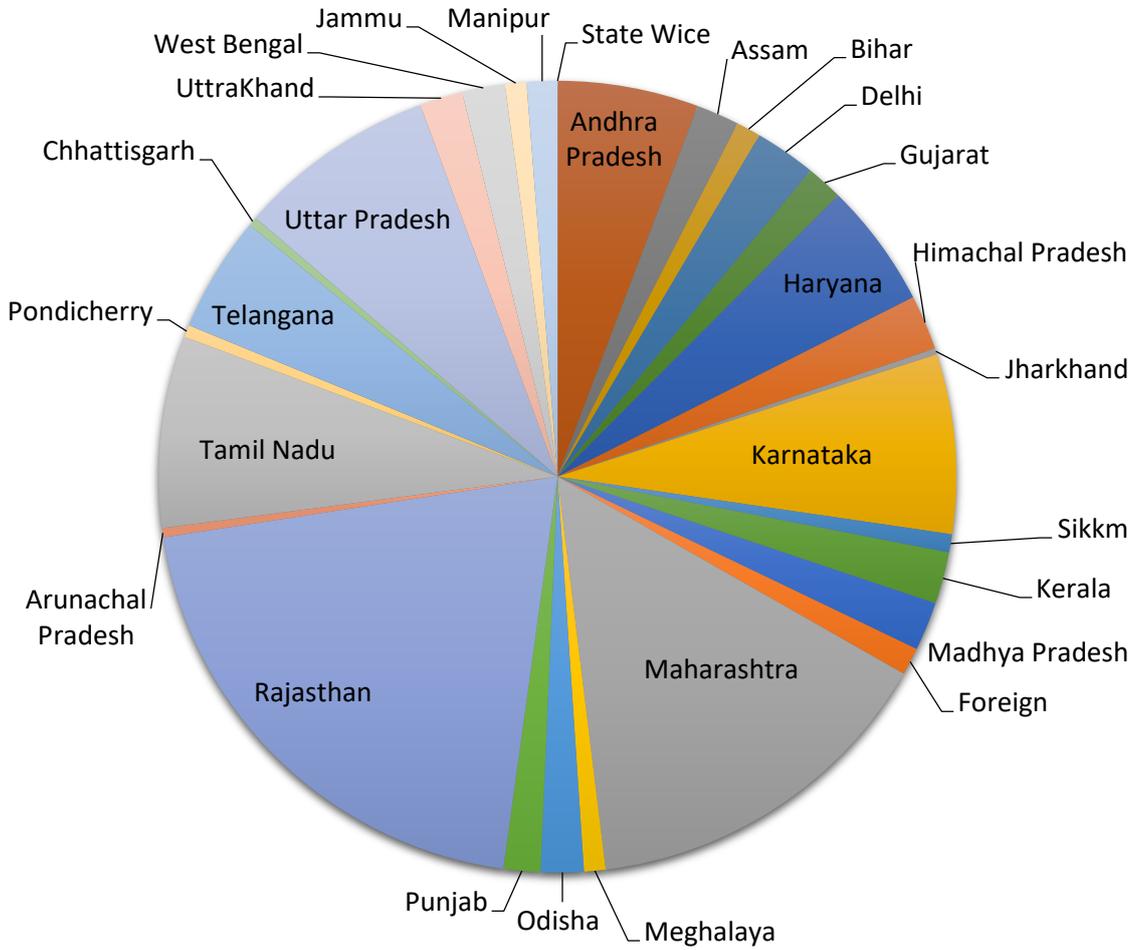


Participant: Category



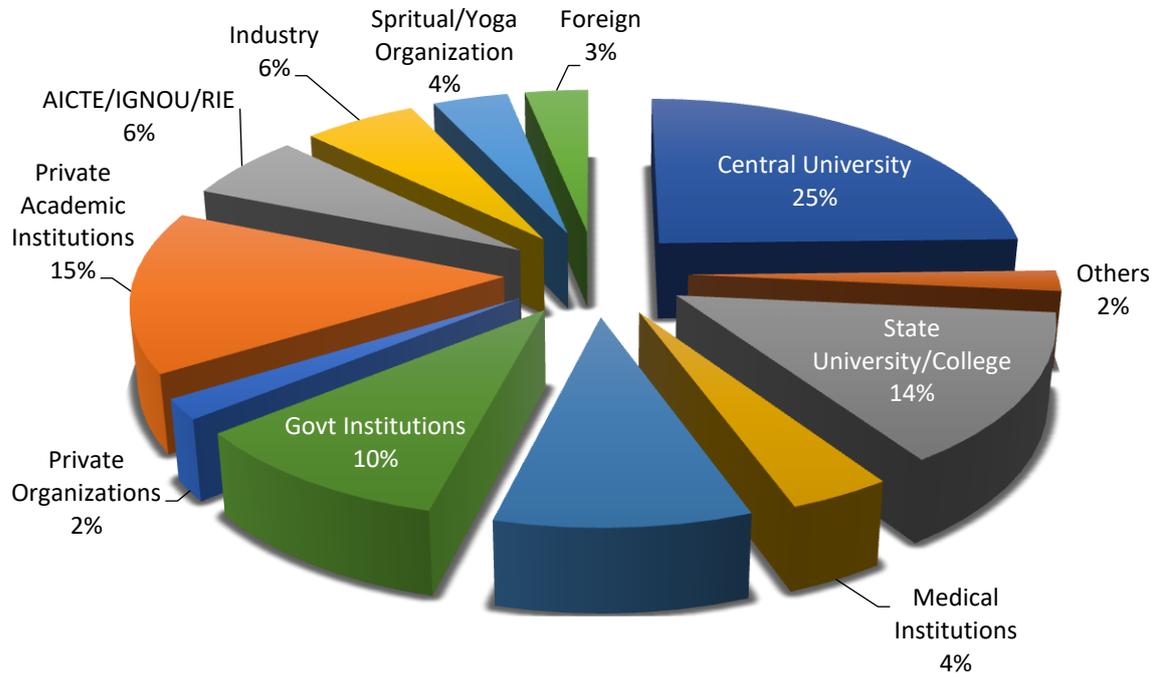


Participants: Statewise



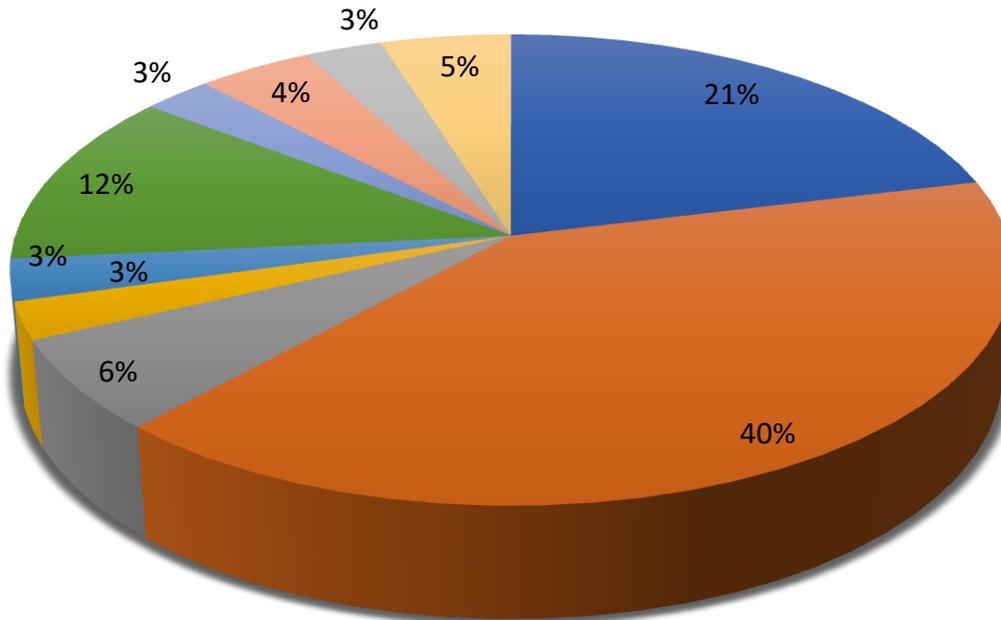


Resource Person: Institutes





Major topics



- New Education Policy: 2020 (21%)
- Teaching, Learning & Evaluation (40 %)
- Professional Development of Teachers (6 %)
- Socio-economic Aspects of HE (3 %)
- Vocational Education & Training (3 %)
- Indian Knowledge System (12 %)
- Alternative Teaching Platform (MOOCs, SWAYAM etc.) (3 %)
- Management Skills (Time, stress etc.) (4 %)
- ICT Enabled Teaching & Learning (3 %)
- GoI Administrative Rules (5 %)

Unnat Bharat Abhiyaan

Since the inception of *Unnat Bharat Abhiyaan* (UBA), Central University of Rajasthan is a participating Institution in this flagship programme, functioning under the Ministry of Education. The University has concentrated its efforts in Mundoti, Bandarsindri, Kheda, Nahoria and Pedibhata Villages, which are located in the vicinity of the University.

Details of activities conducted till now:



	Name of Activities	Brief Description
1	Village survey	<ul style="list-style-type: none"> Completed socio-economic, demographic survey in all 05 villages. It helped to assess the facilities and the requirement of the people in the adopted villages. The survey data uploaded in the UBA sites. The findings of the survey is analysed and discussed with the community members for solution.
2	Conducted Gramsabha, consultation meeting etc.	<ul style="list-style-type: none"> Conducted Gramsabha with the participation of the villagers in all the adopted villages. Identified issues like drinking water problem, Water scarcity, Health issues (absence of PHC and any facilities), Girls' Education (drop out, early marriage), electricity related problems and waste management issues.
3	Training programmes/capacity development activities	<ul style="list-style-type: none"> Training programmes targeted towards the youth in the villages for the preparation for jobs in Army/Police done in the villages. Many youths were benefited by this activity.
4	SHGs/Group formation	<ul style="list-style-type: none"> Working with women in developing SHGs initiated in all the villages. Micro units were established in the adopted villages like cloth bag making and mask making activities. Youth groups, adolescent girls group were formed in all the villages. Group meeting conducted and planned some community development activities in their respective villages.
5	Sensitization Programmes	<ul style="list-style-type: none"> Awareness creation activities for cleanliness, garbage disposal, sensitization about various government schemes and its benefits and skill based activities are conducted in all the villages.
6	Water Management through Soak Pit	<ul style="list-style-type: none"> Soak pit is an indigenous water management technology that ensures the cleanliness at household and village level. It is a pit constructed near the water outlet of kitchen or bathroom and filled with materials which are locally available pebbles, sand brickbats. 80 soak pits constructed in a the adopted villages
7	Establishment of Community Libraries and Resource Centres (CLRC)	<ul style="list-style-type: none"> CLRC can be potential centres of learning for the rural areas. In conjunction with the villagers, CLRC established in four communities in the adopted villages.
8	Sanitation Drive	<ul style="list-style-type: none"> UBA unit of the University is engaged actively in sensitizing the rural communities on the issues of sanitation.



		<ul style="list-style-type: none"> • Sensitisation programmes like rallies, street plays and village cleanliness drives are carried out with emphasize on motivating people to construct toilets.
9	Tree Plantation	<ul style="list-style-type: none"> • Tree plantation drives are conducted in all the adopted villages. • Around 1500 saplings are planted in different parts of the village.
10	Career Counselling/Skill Development classes to motivate students for acquitting adequate Education	<ul style="list-style-type: none"> • Conducted sessions at Schools of the adopted villages pertaining to the scope of career development. • Orientation given to the school students regarding higher education courses/vocational courses
11	Online Education Programmes	<ul style="list-style-type: none"> • Conducted webinars on health care among youth volunteers/facilitators in the villages such as Covid-19 awareness, mask distribution etc. • The youths are engaged in organising vaccination drives in the villages.

Community Development Cell (CDC)

University-Community Engagement

The University has developed a Community Development Cell in compliance with policy requirements of the Government of India. It has been functional since April 2015 to keep the University embedded with the surrounding community. The Cell has adopted 05 villages of its vicinity, namely Sirohi, Mundoti, Khera, Bandarsindri and Nohria. To benefit the villagers, the Cell has conducted Drug Awareness Camp, Adolescent Education Camp, Water Management Camps and a host of other activities for the welfare of the community. In the neighbouring villages, the various initiatives taken were: promotion of plantation, greenery, construction of soak pits, health sanitation activities, life-skills sessions, and personal hygiene sessions with adolescent girls.

The vision and upcoming activities of the Cell are as follows:

Vision: To develop the nearby community through use of science and technology interface.

Activities in the pipeline: Yoga camps, online training sessions on COVID appropriate behaviour and training session on preparation of sanitizers. The cell has initiated these activities before lockdown but due to Government of India restrictions on community gatherings, the activities were temporarily put on hold.

Present members of the Cell:

1. Dr.Shaizy Ahmed (Coordinator)
2. Dr.Nidhi Pareek (Member)
3. Dr.Tarun Kumar Bhatt (mMember)



4. Dr.Rajeev M.M. (Member)

Distinguished and Nobel Lecture Series

Lectures and talks by the experts of the field are essential to maintain a vibrant academic atmosphere. Besides several department specific lectures, Central University of Rajasthan invites the dignitaries/ experts of different fields to deliver a talk for a larger audience under “Distinguished lecture series” (DLS) of Central University of Rajasthan for the benefit of students and faculty members. The concept of DLS was introduced by the Vice-Chancellor of the Central University of Rajasthan, Prof. Arun K Pujari in the year 2019. Since then, the Distinguished Lecture Committee has been organizing the distinguished talks on a monthly basis. The following lectures were organized during the year 2020-21.

- “Back to Basics” Distinguished Lecture by Padma Shri awardee Prof. Deepak Phatak (Retd. Professor, IIT Bombay) on 15th July, 2020.
- “Glorious Past - Fostering Future of Interdisciplinary Research in India: From Basic Sciences to Translational Endeavours” by Shanti Swarup Bhatnagar Prize awardee Prof. Debi P. Sarkar (University of Delhi, South Campus) on 3rd March, 2021.

Ek Bharat Shreshtha Bharat

The Central University of Rajasthan highlights the holistic development and well being of the student through continuous engagement in various cultural and sports events and regular club activities, while underlining the focus of academic growth and development. The University started the ***Ek Bharat Shreshtha Bharat*** with full enthusiasm in line with the five basic objectives specific under this programme. The University conducted various programmes to highlight the cross-cultural understanding among the student community of the Central University of Rajasthan about the paired state Assam.



SCHOOLS AND DEPARTMENTS

School of Architecture

DEAN: PROF. NEERAJ GUPTA

The School of Architecture envisions becoming a Centre of excellence and an important hub of knowledge exchange on all matters related to the sustainable development of human habitat. The School is committed to teach and enhance

regenerative architecture and aims to develop a repository of knowledge documenting historical and traditional wisdom systems of the community in hot and arid desert regions. The focus area for the School is waste, water, energy, and human productivity through the lens of sustainable architecture. The School envisions developing unique capacity-building programs for the continued education of teachers and professionals. Job-oriented vocational education and skill development courses are initiated in specialized fields.

Department

- Department of Architecture
- DDU Kaushal Kendra

Department of Architecture

Head: Prof. Neeraj Gupta

Programmes Offered

The Department of Architecture is presently offering Masters in Architecture (Sustainable Architecture) programme and Ph.D.

- **M. Arch. (Sustainable Architecture)**

Masters in Architecture (Sustainable Architecture) programme focuses on various aspects of sustainability in the architecture field like ecology and environmental management, historical and community perspective, sustainable neighborhood planning, watershed management, waste management, renewable energy technologies, building simulation, acoustics, thermal comfort, project management, and traditional and modern building technologies, to address the contemporary challenges in the field of Interiors, Architecture, Urban Design, and Urban Planning.

- **Ph. D.**

The department offers Ph.D. programme and has currently one scholar enrolled focusing majorly on inclusive approach in planning and gender-related issues.



Faculty

Name	Designation	Area of Specialization
Prof. Neeraj Gupta	Professor	Architecture, Town Planning, Interior Design
Ar. Ritu Bhargava Rai	Associate Professor	Urban Design, Architecture, Interior Design
Ar. Vivekanand Tiwari	Assistant Professor	Environmental Planning, Architecture, Water Management
Dr. Sunil Sharma	Assistant Professor	City Planning, Architecture

Academic Activities

Expert Lecture/Seminar/Visit

Name	Designation
Mr. Gian C. Modgil	Founder, Sterling India Consulting Engineers
Ar. Sanjay Prakash	Principal Architect "SHIFT" and Sustainability Engineers
Prof. Manoj Mathur	SPA, New Delhi
Dr. Mansee Bal Bhargava	Research Entrepreneur, EDC Ahmedabad
Mr. Ujjan Ghosh	Designer
Prof. Gitanjali Rao	KLE Tech, Hubli
Ms. Shivi Upadhyay	Dharohar Sanrakhshan Samiti, Chhattisgarh
Dr. Deepika Shetty	MIT Manipal University
Ms. Nafisa Utthan	Executive Director, Utthan
Er. Sudhir Mathur	Shreshtha Consultants
Er. Amit Kakkar	Additional Chief Engineer, PWD, Govt. of Rajasthan
Mr. B. M. Chandna	Director, Genesis Integrated System Pvt. LTD.

Conference/Workshop/Symposium organized

Workshops

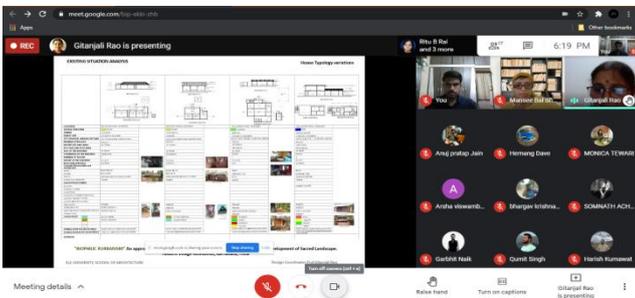
- URBACT Gender Equal cities Workshop - Gender-sensitive public space
Online workshop conducted by Prof. Neeraj Gupta.

Seminars

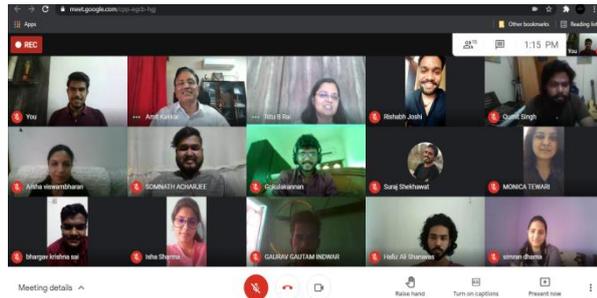
- Ar. Sunjay Prakash, Expert (Principal Architect "SHIFT and Sustainability Engineers)
Guest Lecture for "Energy-Efficient Built Environment" on 21st September 2020.



- Er. Sudhir Mathur (Shreshtha Consultants) Guest Lecture on “Plumbing Services” on 8th May 2021.
- Mr. B. M. Chandna (Director, Genesis Integrated System Pvt. LTD) for Expert Lecture on “Fire safety systems”.
- Mr. Gian C. Modgil (Founder, Sterling India Consulting Engineers) Expert Lecture for “Building Services and Waste Management”.
- Dr. Deepika Shetty (MIT Manipal University) Expert Lecture for “Historical and Communicative Perspective”.
- Ms. Shivi Upadhyay (Dharohar Sanrakshshan Samiti, Chhattisgarh) Expert Lecture for “Historical and Communicative Perspective”.



Prof. Gitanjali Rao (KLE Tech, Hubli) Expert Lecture for “**Historical and Communicative Perspective**” conducted seminar for School of Architecture on 16th February 2021.



Mr. Amit Kakkar (Additional Chief Engineer for Electrical) External Expert for “**plumbing services**” conducted Seminar for School of Architecture on 14th April 2021

Online Seminar Conducted by Alumni Group

List of Speakers:

- Ashu Dehadani
- Mahesh Choudhary
- Matsushita Sharma
- Praveen Rohilla
- Saranya Divakaran PC
- Arsha Gitty George

Other Academic Activities

Faculty Contribution to the University Campus Development

1. Building design and landscape development of “OBC Girls Hostel” by Prof. Neeraj Gupta and Ar. Vivekanand Tiwari.



2. Ar. Ritu B. Rai and Vivekanand Tiwari contributed in design inputs, site development and installation of the “STATUE” as part of landscape development in front of the main administrative building.
3. Ar. Ritu B. Rai is contributing to the site development, building design, and landscape development of “Upcoming Staff Housing” at the University campus.
4. Contribution of Ar. Ritu B. Rai in installation and commission of the “ROOF-TOP Solar PV” project at the University campus.

Deen Dayal Upadhyaya KAUSHAL Kendra

(Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood)

Director: Prof. Neeraj Gupta

In August 2015, the University received approval to establish DDU KAUSHAL Kendra with a sanction of Rs. 3.7 crores. Presently, the DDU-KK is functional under the School of Architecture of the University. Five batches of B. Voc. (Interior Design) program have completed their programme. The batch of 2018 is scheduled to receive their degree certificates in the forthcoming convocation in 2019.

Program(s) offered

Besides short term training courses, presently, the DDUKK offers B. Voc. (Interior Design) programme. This is a three year (six semesters) programme with multiple entry and exit options. The modular structure of the programme allows a student to pass out with a set of skills and certificates. The certificates awarded by the University are:

1. On successful completion of one year programme: Diploma in Interior Design
2. On successful completion of two year programme: Advanced Diploma in Interior Design
3. On successful completion of three year programme: B. Voc. (Interior Design)

Faculty

Name	Designation	Area of Specialization
Prof. Neeraj Gupta	Professor	Architecture, Town Planning, Interior Design
Ar. Yoganshu Girdhar	Guest Faculty	Architects, Interior Designing (Specific Guest-Lectures BID-30)
Ar. Poonam Sharma	Guest Faculty	Sustainable Architecture Area of Specialization (Specific Guest-Lectures BID-26&27)
Ar. Mohit Sood	Guest Faculty	Architects, Sustainability and Climate Change (Specific Guest-Lectures OSL-06)



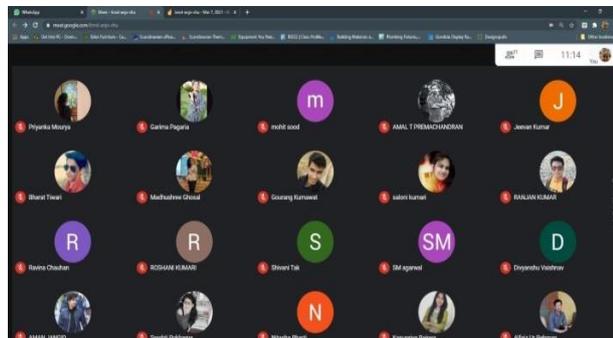
Er. Lokesh Kaushik	Guest Faculty	Architects <i>(Specific Guest-Lectures Building Material and Techniques)</i>
Ar. Rananjai Singh	Guest Faculty	Principal Architects and Urban Designer Architecture Art History and Appreciation, and Urban Design and Photography <i>(Specific Guest-Lectures BID-21)</i>

Academic Activities

Workshops



Guest Faculty **Ar. Rananjai Singh**, (Principal Architects and Urban Designer) conducted a Workshop on Building Material Specification for B.Voc Students.



Ar.Mohit Sood, (Architects, Sustainability and Climate Change) Conduct a Workshop Technical and Specification BOQ for B.Voc Students by Guest Faculty



School of Chemical Sciences and Pharmacy

DEAN: PROF. AMIT KUMAR GOYAL

The School of Chemical Sciences and Pharmacy hosts two Departments viz. Department of Chemistry and Department of Pharmacy, where both the Departments are being supported by the Department of Science and Technology under the Fund for

Improvement of Science and Technology Infrastructure (DST-FIST). The School has the aim to disseminate quality education in both disciplines and execute research in the allied fields. The School bridges one pure science with the other applied science, promotes interdisciplinary research and caters to relevant courses for the industry for the benefit of all the stakeholders of the School.

Department

- Department of Chemistry
- Department of Pharmacy

Department of Chemistry

Head: Dr. Easwar Srinivasan

The Department of Chemistry is committed to research and teaching since its inception in 2010. The Department started Masters in Science (Chemistry) 2-year programme in 2010 and immersed with full-time Ph.D. programme in 2012, Integrated M. Sc. (Chemistry) 5-year programme in 2013, and Integrated M. Sc. B. Ed. (Chemistry as Major) 3-year programme in 2015. The Ph.D. programme in Chemistry aims to train the students with basic and cutting-edge research. We have crossed traditional vertical boundaries of scientific disciplines in the past 10 years of journey and emerged with drug designing, organometallic chemistry, bio-organic and bio-inorganic chemistry, material chemistry, theoretical chemistry in line with gaining more strength towards asymmetric synthesis, heterocyclic/macrocyclic chemistry, and organic spectroscopy. The Department is funded by DST-FIST and faculty received research grants from various funding agencies such as CSIR, DST, UGC, etc.

Programs offered

- Ph. D. in Chemistry
- M. Sc. Chemistry (2-Year)
- Integrated M. Sc. Chemistry (5-Year)
- Integrated M. Sc. B. Ed. Chemistry (3-year)



Faculty

Name	Designation	Area of Specialization
Prof. R. T. Pardasani (Superannuated on 31 July 2019)	Contractual Professor (from 13-12-2019)	Organic, Heterocyclic and Computational Chemistry
Dr. Easwar S.	Associate Professor	Asymmetric Synthesis and Organocatalysis
Dr. M. Bhanuchandra	Assistant Professor	Transition-Metal Catalyzed Organic Transformations and Synthesis of Organic Materials
Dr. Anuj K. Sharma	Assistant Professor	Bio-inorganic Chemistry, Inorganic Medicine, Coordination Chemistry
Dr. Thirumoorthi R.	Assistant Professor	Main Group Chemistry, Organometallic Chemistry
Dr. Partha Roy	Assistant Professor	Nanotubes, nanowires, optoelectronic of the nanomaterials
Dr. Ritesh Singh	Assistant Professor	C-H bond functionalization, Aryne Chemistry, Chemo-enzymatic Synthesis, Chemical Biology
Dr. Hemant Joshi	Assistant Professor	Synthetic Inorganic and Organic Chemistry, Molecular rotors and molecular machines, Catalysis
Dr. Rajagopala Reddy	Assistant Professor	Theoretical chemistry, Electronic structure theory
Dr. Chandrakanta Dash	UGC FRP Assistant Professor	Organometallic Chemistry and Homogenous Catalysis

Academic Activities

Expert Lecture/Seminar/Visit

Name	Event	Date
Prof. Hotha Srinivas	IISER Pune <i>Science is for all: A fun demonstration with Cartoons</i>	17/02/2021
Dr. Nitin Patil	IISER Bhopal <i>Understanding Gold Catalysis</i>	17/03/2021
Dr. Subramanyam Santhanam	SABIC Research & Technology Pvt. Ltd. <i>Intellectual Property as a concept & a career</i>	21/04/2021

Other Academic Activities



- A one-day “Department Day” symposium was organized on 18th November 2020. In this event, the 2nd Dr. Sunil G. Naik Memorial Lecture was given by Prof. Amit Kumar Goyal, Professor & Dean, School of Chemical Sciences and Pharmacy, CURaj. Several other invited lectures were also delivered by alumni faculty and students of the Department during this online event.

Extramural funding received

- The Department has various ongoing extramural funded projects of Rs. 72.50 Lakhs from different agencies of the Government of India such as DST, CSIR, UGC, etc.

Equipment procured/Facility available

Gas Chromatography (Thermo Fisher Scientific)	Element Analyzer (Thermo Fisher Scientific)
GC-MS (Thermo Fisher Scientific)	Fluorescence Spectrophotometer
HPLC (Shimatzu)	Electrochemical Workstation (Metrohm)
UV-VIS (Agilent- Cary 100) and	Glove Box (Labconco Corporation)
FTIR spectrometer (PerkinElmer)	Polarimeter
Ocean optics UV-VIS Spectrophotometer	Computer Lab

Awards/Achievements

Ms. Chandni Soni (M.Sc.)	Qualified NET-JRF (Rank - 88) and GATE (AIR - 3358)
Mr. Manoj Pradhan (M.Sc.)	Qualified NET-JRF (Rank - 98)
Mr. Manish Chauhan (Int. M.Sc.)	Qualified NET-JRF (Rank - 133)
Ms. Neha Mathur (M.Sc.)	Qualified GATE (AIR - 808)
Mr. Chittaranjan Mishra (M. Sc.)	Qualified GATE (AIR - 3636)
Ms. Khushbu (M.Sc.)	Qualified GATE (AIR - 2124)
Ms. Jayshree Samanta (In. M.Sc. B.Ed.)	Qualified GATE (AIR - 1576)



Felicitation of Prof. Amit Kumar Goyal on “Department Day” symposium



Farewell function, Department of Chemistry



Department of Pharmacy

Head: Prof. Amit Kumar Goyal

The Department of Pharmacy was established in the year 2012 with M. Pharm. in Pharmaceutical Chemistry and Ph.D. in Pharmacy with an aim to impart quality education in the relevant field and train the students for novel research protocols. The Department is recognized by the Pharmacy Council of India and All India Council of Technical Education and has also been running M. Pharm. in Pharmaceutics since 2017. The Department has the dedication to excel in the pharmaceutical domain and is establishing itself on numerous fronts in this short span of time. The pass-outs have been successfully placed in various government and industrial houses, just after their course completion.

Programs Offered

- Ph. D. in Pharmacy
- M. Pharm. in Pharmaceutical Chemistry
- M. Pharm. in Pharmaceutics

Faculty

Name	Designation	Area of Specialization
Dr. Amit Kumar Goyal	Professor	Pharmaceutics
Dr. Vipin Kumar	Professor	Medicinal Chemistry
Dr. Devesh M Sawant	Assistant Professor	Medicinal Chemistry
Dr. Ruchi Malik	Assistant Professor	Medicinal Chemistry
Dr. Kaisar Raza	Assistant Professor	Pharmaceutics
Dr. Umesh Gupta	Assistant Professor	Pharmaceutics

Academic Activities

- Department of Pharmacy organized an *Online Quiz Competition* based on the theme “*Global Covid Vaccine Production and its Regulatory Challenges*” on 23rd June 2021.
- Five-Day Faculty Development Program (FDP) was organized by the Department on the *New Education Policy 2020*, 22-26 February 2021.

Awards/Achievements

Prof. Amit K Goyal	Acknowledged in World's top 2% scientists list by Stanford University, USA, 2020.
Prof. Amit K Goyal	Sir C.V. Raman Award-2020 from SPIHER on 8th March 2021 at Chennai.



Dr. Kaisar Raza	Acknowledged in World's top 2% scientists list by Stanford University, USA, 2020.
Dr. Kaisar Raza	Top research contributor of the Central University of Rajasthan.
Dr. Umesh Gupta	Acknowledged in World's top 2% scientists list by Stanford University, USA, 2020.
Ms. Sarita Rani (Research Scholar)	Awarded with Indian Council of Medical Research (ICMR)-Senior Research Fellowship (SRF) 2020 in January 2021.
Mr. Rakesh Kumar Sahoo (Research Scholar)	Awarded with Indian Council of Medical Research (ICMR)-Senior Research Fellowship (SRF) 2020 in January 2021.
Mr. Omprakash Sharma (Research scholar)	Awarded with Indian Council of Medical Research (ICMR)-Senior Research Fellowship (SRF) 2020 in January 2021.
Ms. Charu Misra (Research scholar)	Awarded with Indian Council of Medical Research (ICMR)-Senior Research Fellowship (SRF) 2020 in January 2021.
Ms. Charu Misra (Research scholar)	Participated in SPSS and Research Methodology online learning programme organized by PERSEC Research from 01/05/21 to 8/5/21 and secured 92% marks in the tests followed by all four sessions.
Ms. Nishtha Chaurawal (Research Scholar)	Participated in SPSS and Research Methodology online learning programme organized by PERSEC Research from 01/05/21 to 8/5/21 and secured 92% marks in the tests followed by all four sessions.



Prof. Amit K Goyal receiving the C. V. Raman Award on 8th March, 2021



School of Commerce and Management

DEAN: PROF. U.S. MISHRA

Less than a decade old, the School of Commerce and Management, is ingrained with values such as diversity, inclusiveness, mutual respect, collaboration, and academic excellence. The School promotes teaching and learning through innovative pedagogies and student-centric approaches. People with sound academic backgrounds, strong research orientation, and complementary skill-sets have been handpicked as Faculty members of the School. With high growth potential, the School is prepared to establish itself as a center of excellence in the discipline of commerce and management education and research.

Departments

- Department of Commerce
- Department of Management

Department of Commerce

Head: Prof. Praveen Sahu

The Department of Commerce, established in the year 2012, is a fast-growing yet magnificent Department in the university. The Department offers Master's and Doctoral programmes in the field of Commerce and allied fields of relevance. It continuously strives to be a unique brand of an institution for learning in the field of commerce in the national and international arena. The Department aims to nurture professionals with a high level of knowledge and competence to contribute effectively to society as well as industries with commitment and integrity. The Department has set high standards for outstanding value-based quality education, high-quality research, consultancy, and strong corporate as well as international linkages.

Programs offered

- Ph. D. in Commerce
- M. Com.

Faculty

Name	Designation	Area of Specialization
Dr. Praveen Sahu	Professor	Marketing, Human Resource Management, Organizational Behavior
Dr. Neha Seth	Assistant Professor	Finance and General Management
Dr. Ruchita Verma	Assistant Professor (on Lien)	Accounting, Finance and General Management
Dr. Sushila Kumari Soriya	Assistant Professor	Finance and General Management



Dr. Sanjay Kumar Patel	Assistant Professor	Accounting and Taxation
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Academic and Extension Activities

Conference/Workshop/Symposium organized

- Webinar on “Strategy of Managing Personal Finance including Mutual Funds during and after COVID-19”, organized by Department of Commerce, Central University of Rajasthan with the association of SEBI & AMFI, India (Oct. 3, 2020).
- Skill development activities for M.Com-I on Parts of Effective Academic Writing (May. 21, 2021), Tools of Cohesiveness in Academic Writing (June 4, 2021), Plagiarism: Tools for Detection and Avoiding (June. 14, 2021), Citation and Referencing Style (June 21, 2021) and Journal and Author Metrics: Measurement and Significance (June 28, 2021) organized by Dr. Sanjay Kumar Patel at Department of Commerce, Central University of Rajasthan.
- Entrepreneurship Development activities for M.Com-III on “Start-up and New Venture: Entrepreneurial Thinking” organized by Prof. Praveen Sahu and for M.Com.-II on “Preparation of Business Proposal for Start-up Business” organized by Sanjay Kumar Patel at Department of Commerce, Central University of Rajasthan (2020-21).

Awards/Achievements

- **Entrepreneurship**, Bharat Singh (M.Com. 2019-21), Established New Start-up Business “Double Hash Bakery” in Hanumangarh City, Rajasthan.
- **Entrepreneurship**, Vandana Kumari (M.Com. 2018-20), Established New Start-up Business “Bharti Education Hub” in Mahendragarh City, Haryana.
- **Best Paper Award**, (2020, August 18), Dr. Sanjay Kumar Patel and Ms. Poonam Kumari, at National Conference on ‘Sustainable Development and Business: Managing Organisations of Tomorrow’, organized by PGDAV College and Department of Commerce, University of Delhi, Delhi.
- **Brilliant Performance Award (Senior Level)**, Akhil Kumar Chaudhary (M.Com. 2019-21), National Accounting Talent Search (2020-21), Indian Accounting Association, India.
- **High-performance Award (Senior Level)**, Kirti (M.Com. 2019-21), National Accounting Talent Search (2020-21), Indian Accounting Association, India.
- **Khangarot, G (2021)**, Capitalizing rural India for reviving tourism sector during the covid-19 pandemic scenario. *Utkal Historical Research Journal*, 34(18), 62-68.
- **Yadav, P. (2020-21)**, completed two Certificate courses from NPTEL. *Project Management for Managers (12 weeks)*. *Working Capital Management (12 weeks)*.
- **Lakavath Kavitha (2020-21, M.Com.II)**, Completed Business Development Intern (Team Leader) Project with Super-77 in Sales and Marketing Department.

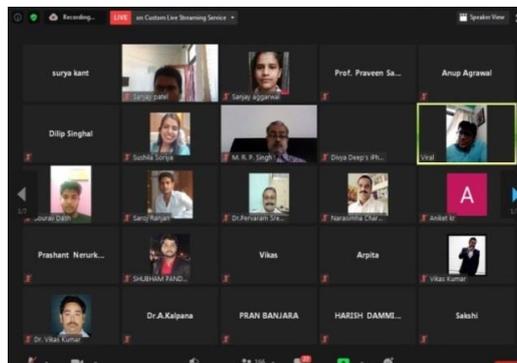
Other Achievements:

Students Cleared NET-JRF- (2019-20)

Sr.No.	Name of the Student	Father's Name	Batch	NET-JRF
1.	Akhil Kumar Chaudhary	Vimlesh Kumar Chaudhary	2019-21	NET-JRF
2.	Vishnu Vaishnav	Ratan Lal Vaishnav	2018-20	NET-JRF
3.	Arjun	Bhagchand Khateek	2016-18	NET-JRF
4.	Mrutunjaya Sahoo	Pramod Sahoo	2019-20	NET-JRF
5.	Priyanka Meena	Kailash Chand Meena	2018-19	NET-JRF
6.	Kirti	Mukesh Kumar Jain	2019-21	NET
7.	Monika Sharma	Bhaunry Lal Sharma	2019-21	NET
8.	Pooja Yadav	Ashok Yadav	2019-21	NET
9.	Vandana Kumari	Vedpal	2018-20	NET
10.	Riidhi Jain	Niraj Jain	2018-20	NET

Extra-curricular Activities

- Lakavath Kavitha (2020-21, M.Com.II) participated and secured 100% marks in National level online quiz competition on International Women's Day, Ek Bharat Shreshtha Bharat Club, Palamuru University, Telangana, (2021, March 8).
- Lakavath Kavitha (2020-21, M.Com. II) actively participated and enhanced their skills in the "Effective Public Speaking course" designed by Impact Foundation (2021, Jan. 22).
- Pradeep Gawaria, Sachin Maran, Rajat Pandey, Iyas KV & Kavita Nayak (M.Com. 2020-22), National Level Business Plan Competition 'SAMADHAN-21' organised by Maharaja Ranjit Singh Punjab Technical University, Punjab(2021, May 03).
- Departmental students co-curricular activities: Department organised students development and recreation activities such as:
 - ✓ Impromptu Topic for Speaking (2020, Dec. 12)
 - ✓ Game- connecting Dots (2020, Dec.31)
 - ✓ Lecture Delivered: How to face interviews (2021, Jan. 22)
 - ✓ Lecture Delivered: How to prepare presentations (2021, Feb, 05)
 - ✓ Given topic: Tell us about Yourself (2021, Feb.20)
 - ✓ Debate: NEP 2020 (2021, March, 04)



Webinar on "Strategy of Managing Personal Finance including Mutual Funds during and after COVID-19", Department of Commerce on Oct. 3, 2020



Department of Management

Head: Prof. Uma Sankar Mishra

Established in 2010, the Department of Management offers MBA with specialization in three streams – Finance, Human Resource Management, and Marketing. Every year, 30 students join the program, from diverse backgrounds, states, cultures, and languages. The faculty imparts high-quality management education through rigorous academic inputs, international training programs (such as GIAN), and educational tours. The strong research orientation of the faculty is reflected through sponsored research projects and doctoral research.

Programs Offered

- Ph.D. in Management
- M.B.A

Faculty

Name	Designation	Area of Specialization
Prof. Uma Sankar Mishra	Professor	Marketing
Dr. Sanjay Kumar	Assistant Professor	Finance
Dr. Tulsee Giri Goswami	Assistant Professor	HRM
Dr. Avantika Singh	Assistant Professor	HRM

Academic Activities

Conference/Workshop/Symposium organized

Five-day online FDP on Academic Leadership in Higher Education under ATAL (AICTE) scheme was organized by the Department and coordinated by Dr. Tulsee Giri Goswami during May 17-21, 2021.

Extramural funding received

- The Department has various ongoing extramural funded projects of Rs. 17 Lakhs from different agencies of Government of India such as IMPRESS, ICSSR, etc.



School of Earth Sciences

DEAN: PROF. RAJESH KUMAR

The School of Earth Sciences is committed to provide interdisciplinary knowledge in the field of environmental sciences and atmospheric science and their linkage with societal development. The prime goal of the School is to train manpower with scientific knowledge and technical skills in the field of Earth Sciences to serve local and global communities. The School is committed to create and effectively disseminate fundamental knowledge about Earth, its resources, and the processes by which it changes. To successfully pursue the vision and mission, existing Departments are working in various areas related to research, education, and outreach programs in collaboration with national and international organizations.

Departments

- Department of Atmospheric Science
- Department of Environmental Science

Department of Atmospheric Science

Head: Dr. Devesh Sharma

The Department of Atmospheric Science was established in 2016 under the School of Earth Sciences. It offers both M.Sc. and Ph.D. programs. The objectives of the programs are to promote interdisciplinary research in science and technology. It encompasses numerical modeling of atmosphere and ocean, climate modeling, monsoons, and high impact severe weather forecasting to understand its physical and social consequences, understanding of desert meteorology, atmospheric chemistry, air quality, remote sensing and climate change impacts. The Department is developing collaborations at National and International levels.

Programs Offered

- M. Sc. Atmospheric Science
- Ph.D. in Atmospheric Science

Faculty

Name	Designation	Area of Specialization
Prof. Someshwar Das	Professor (contractual reemployment till April 2021)	Atmospheric Modelling, Cumulus Convection, Cloud Microphysics
Dr. Devesh Sharma	Associate Professor	Climate Change and Water Resources, Hydrological Modelling
Dr. Subrat Kumar Panda	Assistant Professor	Regional Climate Change Modeling, Climate Change, Indian Monsoon



		Studies, Climate Analysis using Observations and Models
Dr. Chinmay Mallik	Assistant Professor	Atmospheric Chemistry, Atmospheric Oxidation and self-cleansing mechanisms, Air quality and Air Pollution, Atmospheric Trace Gases and Aerosols
Dr. Jayanti Pal	Assistant Professor	Impact of Climate Change, Air-Sea Interaction, Indian Monsoon, Tropical Cyclogenesis, Cloud-Aerosol Interaction

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Wei-Kuo Tao	NASA/ Goddard Space Flight Center, Maryland, USA <i>Cloud System Modelling</i>	3 February 2021 (Online)
Prof. Suzanne Gray	Department of Meteorology, University of Reading <i>Interactions between Tropical and Extra-tropical systems</i>	17 February 2021 (Online)
Nils Wedi	Head of Earth Modelling Section, ECMWF, UK <i>Numerics, Discretisation & HPC in NWP</i>	3 March 2021 (Online)
Andy Brown	Director of Research, ECMWF, UK <i>Representation of physical processes, including boundary layer and orographic drag</i>	10 March 2021 (Online)
Dr. Jimmy Dudhia	Mesoscale & Microscale Meteorology Lab, NCAR, USA <i>Introduction to NWP models using WRF</i>	17 March 2021(Online)
Dr. Dale Barker	Director, Centre for Climate Research Singapore <i>The Importance of Supercomputing for Weather and Climate Science</i>	28 April 2021 (Online)

Conference/ Workshop/Symposium organized

- Six lecture series under “International online lecture series on Atmospheric Science” during February-March 2021.

Other Academic Activities

Celebration of World Environmental Day 2021 on 5th June 2021.

Celebration of Earth Day 2021 on 22nd April 2021.

Extramural funding received

Various extramural funded projects of Rs. 114.85 lakhs are ongoing in the Department sanctioned by different agencies of the Government of India e.g. DST-SERB, UGC, MoWR, etc.

Equipment procured/Facility

- 5 Desktop Computers for Simulation and Visualization Laboratory.
- Lightning Detector received as part of the collaborative project with the Indian Institute of Tropical Meteorology, Pune successfully installed on 11th November 2020.
- One high-end workstation under UGC-BSR start-up has been procured.



Dr. Nils Wedi, Head of Earth Modelling Section, European Centre for Medium-Range Weather Forecasts, UK giving online lecture under International lecture series.



Lightning Detector installed at CURAJ Observatory as part of the collaborative project with the Indian Institute of Tropical Meteorology, Pune.

Department of Environmental Science

Head: Prof. Rajesh Kumar

As an emerging economy, India is at its peak of infrastructural development and needs environmental experts, trained personnel for monitoring pollution and assessing the environmental impacts of developmental projects. Looking at the present scenario and futuristic needs, the Department has established the objectives:

- To impart knowledge of environmental problems of regional and global scale.
- To train the students for scientific analyses of environmental components for efficient environmental decision-making and management.
- To act as an interface between academia and organisations for interdisciplinary collaboration for environmental research.

Programs offered

- Ph. D. in Environmental Science
- M. Sc. Environmental Science (02 years)
- Integrated M. Sc. Environmental Science (05 years)



Faculty

Name	Designation	Area of Specialisation
Prof. Rajesh Kumar	Professor	Glaciology, Glacier geomorphology, climate science, and Air pollution
Prof. K.K. Satpathy	Professor (Contract)	Thermal pollution, Chlorination, and Biodiversity
Dr. Laxmi Kant Sharma	Associate Professor	Environmental Remote Sensing, Ecological and Environmental Management
Dr. Garima Kaushik	Assistant Professor	Environmental Biotechnology, Microbial Biodegradation of POP's (Pesticides, Pharmaceuticals and antibiotics)
Dr. Ritu Singh	Assistant Professor	Environmental Toxicology, Environmental Pollution, and Management, Nanoremediation
Dr. Alok Kumar	Assistant Professor	Biogeochemistry and Hydro-geochemistry
Dr. Shailesh Kumar Patidar	Assistant Professor	Environmental Biotechnology (Algal biofuel, Carbon sequestration, Bioremediation), Algae-bacteria interactions, Ecophysiology of contaminated environment
Dr. Nivedita Chaudhary	Assistant Professor	Air pollution and climate change-Monitoring and Effects on Plants

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Pravakar Mishra	Scientist F National Centre for Coastal Research NIOT Campus, Chennai, India <i>Marine litter and micro-plastic research in India</i>	Dec. 22 nd , 2020
Dr. Vijay Kumar Soni	Head, Environment Monitoring and Research Center (EMRC), Polar Meteorological Research Division (PMRD) India Meteorological Department Ministry of Earth Sciences, Mausam Bhawan, Lodi Road, New Delhi <i>Recent advances in Environment Monitoring and Air Quality Forecasting in India</i>	June 05 th , 2021

Extramural funding received:

Various extramural funded projects of Rs. 188 lakhs are ongoing in the Department sanctioned by different agencies of the Government of India, e.g. CCPD, DST; DST-SERB; UGC.

Equipment/ software procured/Facility

- Laminar Flow

Awards/Achievements

UGC NET/ GATE Qualified students

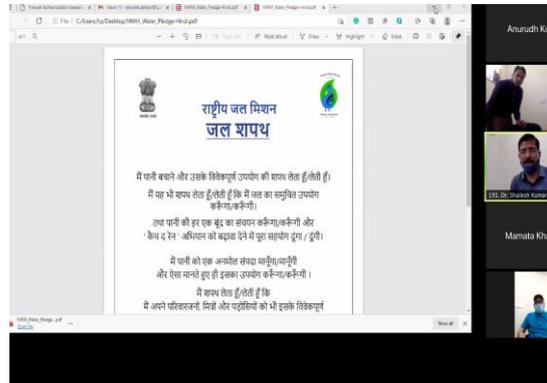
- Preksha Palsania, UGC- JRF, 2020

Extracurricular activities

- A pledge as a part of Jal Shakti Abhiyan – 22 March 2021
- Celebration of World Environment Day 05 June 2021



Environment day celebration on 05 June 2021



Jal Shakti Abhiyan-2021, pledge taking on 22nd March 2021



Shool of Education

DEAN: DR. ANJALI SHARMA

The School of Education, Central University of Rajasthan was established in 2014. The School of Education is running an Innovative Education Program, integrated three years M. Sc. B. Ed. Program in collaboration with the School of Mathematics, Chemical Sciences and Physical Sciences, and Department of Economics which aims at producing prospective teachers with sound knowledge of content and pedagogy. The vision of the School of Education is to develop professionally equipped and human teachers along with the establishing Centre of excellence in Pedagogy, Curriculum, and Research. The University has taken steps towards seeking quality education by inculcating professional values and ethics blended with realistic field experiences among the pre-service teachers.

Departments

- Department of Education
- Department of Yoga

Department of Education

Head: Dr. Anjali Sharma

This is the first attempt made by the Central University of Rajasthan with a clear focus on preparing teachers for Senior Secondary Schools/ Post Graduate Teachers (PGT's).

Programs Offered

- Integrated M. Sc. B. Ed. Chemistry
- Integrated M. Sc. B. Ed. Economics
- Integrated M. Sc. B. Ed. Mathematics
- Integrated M. Sc. B. Ed. Physics

Faculty

Name	Designation	Area of Specialization
Dr. Anjali Sharma	Associate Professor	Educational Administration and Management, Pedagogical Sciences, Women Studies
Dr. Narendra Kumar	Assistant Professor	Research Methodology, Educational Planning and Policies, Educational Psychology
Dr. Gobind Singh	Assistant Professor	Foundations of Education, Guidance and Counselling and Pedagogy of Mathematics



Dr. Sangeetha Yaduvanshi	Assistant Professor	Educational Psychology, Science Education, Gender Studies
Dr. Rina Godara	Assistant Professor	Educational Management, Pedagogy of Commerce, Economics of Education
Dr. T. Sangeetha Thyagranjan	Assistant Professor	Special Education, Teacher Education, Inclusive Education, Science Education.
Dr. Seema Gopinath	Assistant Professor	Mathematics Education, Techniques of Evaluation and test construction
Dr. Kanak Sharma	Assistant Professor	Educational Technology, Pedagogy of Chemistry, Educational Measurement, and Evaluation

Academic Activities

Other academic activities (Educational Tour, Academic celebration such as Science Day)

Theme/Event Name	Organiser/Coordinator (If any)	Date
Pre-internship Orientation Programme (Batch 2019-22)	Dr. Gobind Singh Dr. Rina Godara Dr. Seema Gopinath Dr. Kanak Sharma	26 July 2021 to 6 August 2021
Pre-internship Orientation Programme (Batch 2018-21)	Dr Anjali Sharma	15 Feb 2021-28 Feb2021
National Education Day Celebration Essay writing competition topic: "Role of Technology Education in the Current Scenario of COVID-19" Quiz Competition Topic: NEP-2020	Dr. Kanak Sharma	11 November 2020

Extracurricular Activities

National Flagship Programme-Azadi Ka Amrut Mahotsava in collaboration with the Central University of Rajasthan and various Schools across India through B.Ed Interns

Dr. Anjali Sharma 6 June 2021 - 30 July 2021

Poster Making Competition Organised by B.Ed Inter (Yogita Varshney) at Govt Girls Inter College Kichha, U.S. Nagar Bihar



Activity Organized by B.Ed Intern (Akansha Sharma) – Painting or short essay on the occasion of World Environment Day, 5th June 2021 at Kendriya Vidyalaya No. 1, Golf Course Road CRPF Group Centre-I, Ajmer, Rajasthan



Department of Yoga

Head: Dr. Sanjib Kumar Patra

At present, the Department of Yoga offers Masters in Yoga Therapy with a focus on imparting knowledge for the treatment of psychosomatic diseases. Yoga therapy is an emerging field and scientific evidences have begun to unveil its efficacy in the wide range of non-communicable diseases. It aims at prevention of illnesses and promotion of health, ensuring a perfect health. This program provides comprehensive knowledge of yoga therapeutic techniques applicable for various ailments. It also provides exposure to various fundamentals, types and aspects of Yoga practices and the science behind their applications in various ailments.

The Department of Yoga started Ph.D (Yogic Science) program also from this year.

Programs Offered

- M. Sc. Yoga Therapy
- Ph.D in Yogic Science

Faculty

Name	Designation	Area of Specialization
Dr. Sanjib Kumar Patra	Associate Professor	Sleep medicine, Psychophysiology, Meditation and Yoga therapy
Dr. Kashinath G. Metri	Assistant Professor	Yoga and Mental Health, Yoga and Metabolic disorders, Cardiovascular medicine, Yoga therapy, Ayurveda and Rehabilitation

Academic Activities

Expert lecture/Seminar/Visit

The Department of Yoga organized lecture series on “Ancient Indian Techniques to enhance Administrative Management” by Prof. Shrinidhi Parthsarathi on every Sunday.

Conference/Workshop/Symposium organized

Department of Yoga, Central University of Rajasthan (CURAJ) organized a “One-week Faculty Development Program “NEP 2020 – Impetus for Life Skills Holistic Development” for staff of HEIs from 1st - 5th March, 2021.



On the eve of Science day celebration in CURAj, three groups of our students participated actively during Poster presentation competitions to explain scientifically, 'the Yoga treatment modalities for improving the efficiency of the viscera viz., Heart, Lungs and Brain'.

Other Academic Activities

International Yoga Day Celebration

- The Department of Yoga celebrated 7th International Day of Yoga in collaboration with Inter-University Center for Yogic Sciences (IUC-YS) from 21st to 24th June 2021.
- Department of Yoga announces and conducts online yoga sessions for the students and staff, being afflicted with various non-communicable diseases from 6.30 to 7.30 am.

Awards/Achievements

Following students have qualified UGC NET/JRF:

RajkanwarBhati	UGC NET
K.M.Megha	UGC NET (JRF)
Shubham Semwal	UGC NET
Abhijit Baishya	UGC NET (JRF)
Tarunisarva	UGC NET (JRF)

Extracurricular activities

Department of Yoga, Central University of Rajasthan conducted a mass suryanamaskar practice on occasion of Rathasaptami on January 14, 2021, from 7.45 to 8.30 am on the Tennis court.





School of Engineering and Technology

DEAN: PROF UMA SANKAR MISHRA

School of Engineering and Technology was established in the University in the year 2010 to impart quality technical education for sustainable development. The School offers undergraduate (B.Tech), post-graduate (M.Tech), and research programs (Ph.D.) in Engineering and Technology. The objective of the School is to play a prodigious role in achieving the vision of the University i.e., education for sustainable development. The School aims at providing excellent training to students/scholars in advanced technologies, so as to produce engineering graduates of high caliber and moral values. The school aims at being a pioneer in the field of engineering education and research. The school has three Departments:

Department

- Department of Computer Science and Engineering
- Department of Electronics and Communication
- Department of Bio-Medical Engineering

1. Department of Computer Science and Engineering (CSE)
2. Department of Electronics and Communication (EC)
3. Department of Bio-Medical Engineering (BME)

Department of Computer Science and Engineering

Head: Dr. Devesh Sharma

The Department of Computer Science and Engineering was established in the University in the year 2010 under the school of Engineering and Technology. Currently, the Department offers 2-years M. Tech. Program in CSE with specialization in Information Security, a doctoral program, and a 4-year B.Tech program in Computer Science and Engineering. Department is striving hard to generate professionals to contribute towards the secured progress of the country in the information age. Department is also exploring new emerging areas like Cyber-Physical Systems, Information Testing, Security Audit, Digital Forensics, etc. Department has been contributing towards achieving the goals of the University.

Programs Offered

- B.Tech CSE
- M. Tech. CSE
- Ph.D. in CSE



Faculty

Name	Designation	Area of Specialization
Dr. Gaurav Somani	Assistant Professor	Distributed Systems, Computer Networks, Ad hoc networks, Cloud computing
Mr. Ravi Saharan	Assistant Professor	Algorithms, Computer Graphics, Image processing, Theoretical computer science
Dr. Muzzammil Hussain	Assistant Professor	Network Security, Wireless Sensor Networks, Computer Networks
Dr. Tarun Kumar	Assistant Professor	Image Processing, Deep Learning and Blockchain Technology

Academic Activities

Equipment procured/Facility

- IEEE Online

Extramural funding received

Dr. Gaurav Somani received a Core Research Grant (CRG) project of Rs. 37.312 Lacs from Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Government of India.

• Awards/ Achievements

- Dr. Gaurav Somani, ACM (Association of Computing Machinery) Distinguished Speaker (2021-2024).



M. Tech. CSE Thesis Defense Examination

Department of Electronics & Communication Engineering

Head: Prof. U. S. Mishra

The Department of Electronics and Communication Engineering (ECE) started in 2019 under the School of Engineering and Technology. The primary goal to start this program is to produce highly skilled young engineers so that they can contribute to the various industry and academy jobs. Our course curriculum is designed in such a way that the students can get a strong foundation both theoretically and practically in the field of ECE. Presently, the Department offers a 4-year undergraduate programme (B.Tech in ECE) and a 2-year M.Tech programme in Cyber-Physical systems. The Department is well equipped with modern laboratory equipment. The Department has dedicated faculty members engaged to enhance the knowledge, skill & talents of the students.

Program Offered

- B. Tech. (Electronics & Communication Engineering)
- M. Tech. (Cyber-Physical System)

Faculty

Name	Designation	Area of Specialization
Dr. Milan Sasmal	Assistant Professor	Electronic Devices, Nanobiosensor, MEMS/NEMS
Dr. Rajan Singh	Assistant Professor	Spintronics Devices, Electroceramics, Ferroelectric, and Piezoelectric Devices, Piezoelectric Energy harvesters
Dr. Kapil Saraswat	Assistant Professor	RF and Microwave Engineering, Computation Electromagnetism, High Impedance Surfaces Embedded Systems, Neural Network

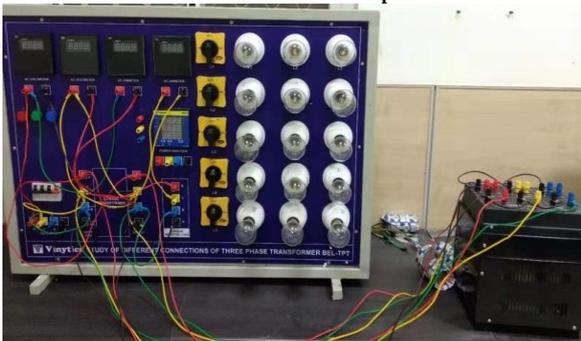
Academic Activities

Other Academic Activities: Extramural funding received

- Dr. Milan Sasmal received a UGC start-up grant project of around Rs. 10 Lakhs.

Equipments procured/Facility Available

- Basic Electrical Engineering Lab
- Electronics workshop facilities



Experimental set up for three-phase transformer | Students working in the Electrical Engineering Lab



Department of Biomedical Engineering

Head: Prof. A.K. Gupta

The Department of Biomedical Engineering (BME) started in 2020 under the School of Engineering and Technology. Biomedical Engineering is a multidisciplinary engineering degree that combines biology and engineering principles to the field of medicine helping in therapeutics and diagnostics and the rehabilitation of disabled patients. To give a comprehensive understating in the field of Biomedical Engineering, the program has been designed to orient students in the key areas of Life Sciences, medicine, and four major streams of biomedical engineering. Presently, the Department offers 4-years undergraduate program (B.Tech in BME).

Program Offered

- B. Tech. (Department of Biomedical Engineering)

Faculty

Name	Designation	Area of Specialization
Dr. Shailendra Pratap Singh	Assistant Professor (contract faculty)	Biomedical Science, Biotechnology, Pharmacology



School of Humanities and Languages

Dean: Prof. Supriya Agarwal

The School has three progressive and forward-looking Departments dealing with literature and language with the aim to generate a high standard of knowledge and equip the students with multidisciplinary and holistic education. The Departments have dedicated and

talented faculty who are engaged in imparting value-based education. Research scholars of

the School are doing exemplary work on varied topics of literature, language, social, and culture-related relevant issues. The curriculum is regularly updated and offers all opportunities for the overall development of the student and sustainable development of humanity. Several critical and creative courses run by the Departments are opted by the students of other disciplines and the School is continuously engaged in promoting an environment of innovation in learning.

Departments

- Department of English
- Department of Hindi
- Department of Linguistics

Department of English

Head: Dr. Sanjay Arora

Department of English was established in the academic session 2010-11. It mentors the students for comprehensive overall development, both in and out of the classroom. Beyond this, it provides intensive training through lectures, communicative tasks, and activities, film screening, debates, discussions, writing practice, symposiums, seminars, workshops, and conferences (national and international). The syllabus is a healthy blend of language, literature, culture studies, visual representation, and multi-disciplinary studies. The programme not only imparts essential and additional knowledge in the field but also equips and trains the students for careers in the field of teaching, creative writing, research, content writing, translation, and other related avenues.

Programs offered

- Ph.D. in English
- M.A. English

Faculty

Name	Designation	Area of Specialization
Prof. Supriya	Professor	Gender and Cultural Studies, World



Agarwal		Literature
Dr. Sanjay Arora	Associate Professor	English Language Teaching, Applied Linguistics, CLT, Translation Studies
Dr. Bhumika Sharma	Assistant Professor	Postcolonial Studies, African American Writings, Gender Studies
Dr. Neha Arora	Assistant Professor	Dalit Literature, Comparative Literature
Dr. Devendra Rankawat	Assistant Professor	Postcolonial Studies, Creative Writing
Dr. Ved Prakash	Assistant Professor	Partition Literature, Film Studies, Life Writing, Cultural Studies

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

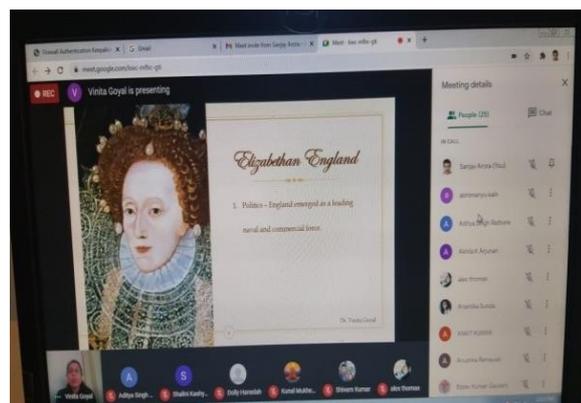
Extension Lecture Series

S.NO	RESOURCE PERSON	TOPIC	DATE
1	Prof. Pradeep Trikha (Mohanlal Sukhadia University, Udaipur)	Contemporary Relevance of Charles Dickens: Reconceptualising <i>Hard Times</i>	30/09/2020
2.	Prof. V P Singh (University of Lucknow)	Diversity of Travel Narratives: From V S Naipaul to Bill Aitken	07/10/2020
3.	Dr. Ritu Sen (NIT Nagpur)	Film Criticism: Critiquing Culture, Form, and the Process of Adaptation	14/10/2020
4.	Prof. Indranil Acharya (Vidyasagar University, West Bengal)	Literature from the Margins: An Indigenous Context	21/10/2020
5.	Dr. Kaustav Bakshi (Jadavpur University)	Queer Cinema/Queering Cinema in India	4/11/2020
6.	Dr. Samana Madhuri Vidyasagar University, West Bengal	The Spider's Web and the Forgotten Blues: Recollecting Vishal Bhardwaj's Contribution to Children's Cinema	11/11/2020
7.	Ms. Farah Noor, Freiberg University, Germany	Transgressors: Memory, Story, and Desire after the Partitions	27/2/2021
8.	Dr. Devvrat Sharma, Associate Professor of English (Government PG College, Dausa)	'Indian Critical Theory'	20/11/ 2020
9.	Dr. Nishi Upadhya,	'Sensuousness in Keats Poetry'	24/11/2020

	Associate Professor of English (Government PG College, Dausa)		
10.	Dr. Avinash Jodha, Associate Professor of English (Government Dungar College, Bikaner)	'Adaptations of Hamlet'	25/11/2020
11.	Dr. Vinita Goyal, Associate Professor of English (Government Girls College, Alwar)	Elizabethan Drama: A General Overview	26/11/2020
12.	Dr. Bidisha Kanta, Assistant Professor of English (Presidency College, Kolkatta)	Christopher Marlowe's ' <i>Doctor Faustus</i> '	03/12/2020

2. Conference/ Workshop/Symposium organized

- **Creative Writing Workshop conducted by:** Dr. Abhilasha Kaushik, HoD English (JECRC University), 1 Dec. 2020.
- **'Use of Intonation and Focus in Effective Oral Communication' Workshop conducted by:** Dr. Abhilasha Kaushik, HoD English (JECRC University), 19 Nov. 2020.



Online Workshop conducted by the Department during the Academic Year 2020-21



Department of Hindi

Head: Prof. N. Lakshmi Aiyar

The Department is working energetically with an intention to meet the research challenges of the society in various fields like media studies, women studies, folk literature, functional Hindi, and its styles fulfilling the needs of the present trend. It is enriched with efficient Faculty members from multiple states having sound research experience, handling special papers in comparative, Indian Novels, Indian poems, folk Literature, media standing as a symbol of Unity in Diversity. The Department is functioning as a Nodal Centre for imparting expertise for the implementation of official language in Central Government institutions.

Programs offered

- Ph. D. in Hindi
- M. A. Hindi

Faculty

Name	Designation	Area of Specialization
Prof. N. Lakshmi Aiyar	Professor	Comparative literature
Dr. Sheetal Prasad Mahendra	Associate Professor	Sant Sahitya, Mass Communication
Dr. Jitendra Kumar Singh (on Lien)	Assistant Professor	Hindi Criticism, Linguistics, Language Technology, and NLP
Dr. Mamata Khandal	Assistant Professor	Comparative Studies, Translation, Modern Hindi Literature & Poetry
Dr. Suresh Singh Rathore	Assistant Professor	Katha Sahitya, LokSahitya, Modern poetry
Dr. Sandeep Vishwanathrao Ranbhirkar	Assistant Professor	Bhakti Literature, Hindi Poetry, Fiction, Women's writing

Following students have qualified UGC NET/JRF

- | | | |
|----------------|-----|-----------|
| • Sukharam | JRF | 2019-2021 |
| • Sukharam | JRF | 2018-2020 |
| • Bhupendra | NET | 2018-2020 |
| • Chenaram | NET | 2018-2020 |
| • Sukharam | NET | 2018-2020 |
| • Sayari Jat | NET | 2018-2020 |
| • Heena Kanwar | NET | 2019-2021 |
| • Sona Jat | NET | 2019-2021 |



Department of Linguistics

Head: Prof. Supriya Agarwal

(Late) Dr. Hemanga Dutta

Coordinator: Dr. Dhanapati Shougrakpam

The Department of Linguistics was established in the academic session 2019-20. It offers an integrated M. Sc. Degree in Linguistics and Language Sciences. Established with an aim to promote the scientific study of language using an inter-disciplinary approach, the department offers extensive training to students using diverse methods in Linguistics through lectures, hands-on lab work, and workshops. The core focus on developing an understanding of the underlying patterns present in human language data is supplemented with training and insights from cognitive science, social science, biological science, as well as mathematical and computational approaches to language. The program equips students to engage with novel natural language phenomena from multiple vantage points and thereby prepares them for careers in Linguistics and beyond.

Programs offered

- 5 Year Integrated M.Sc. in Linguistics and Language Sciences

Faculty

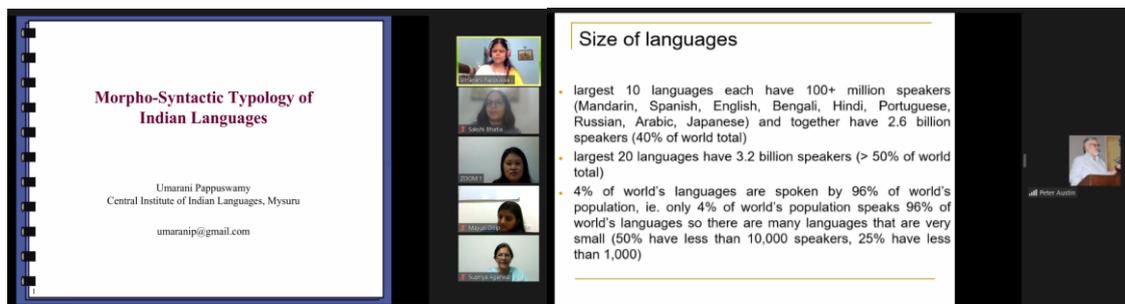
Name	Designation	Area of Specialization
(Late) Dr. Hemanga Dutta	Associate Professor	Phonological Theories, Loan word phonology, Phonetics-Phonology interfaces, Sociolinguistics
Dr. Dhanapati Shougrakpam	Assistant Professor	Morphology, Sociolinguistics, Semantics, Lexicography, Field Linguistics and Archiving, Language Documentation and Description
Dr. Sakshi Bhatia	Assistant Professor	Syntax, Psycholinguistics, Syntax-Semantics interface, Cognitive Linguistics, Multilingualism
Dr. Sharita Sharma	Assistant Professor	Sign Language Linguistics & Interpretation Studies, Neurolinguistics, Clinical Linguistics, Rehabilitation Studies
Dr. J. Mayuri Dilip	Assistant Professor	Syntax, Typology



Academic Activities

1. Conference/ Workshop/Symposium organized

CURAJ Linguistics Talk Series:



Nine Talks were organized as part of the series starting September 2020.

- Dr. Amalesh Gope (Assistant Professor, Tezpur University, Tezpur): *Acoustic Phonetics: Instrumental Techniques, Data Analysis and Modelling.*
- Dr. Ivy Hauser (Assistant Professor, University of Texas, Arlington, United States of America): *Why are some speakers more variable than others? Individual differences in English, Hindi, and Mandarin.*
- Prof. Peter K. Austin (Emeritus Professor, School of Oriental and African Studies, University of London, United Kingdom): *Local and Global Linguistic Diversity – What is it and what can we do about it?*
- Prof. Pramod Pandey (Emeritus Professor, Jawaharlal Nehru University, Delhi): *Linguistics and other perspectives on the Syllable.*
- Prof. Hemalatha Nagarajan (Professor, English and Foreign Languages University, Hyderabad): *Language Games.*
- Dr. Somdev Kar (Associate Professor of Linguistics, Indian Institute of Technology, Ropar): *Doing Phonology: Rules and Constraints.*
- Dr. Shantanu Ghosh (Associate Professor, Faculty of Indian and Foreign Languages, AUTS): *How to do research in Neurolinguistics and Psycholinguistics with Neuroimaging Tools?*
- Dr. Mythili Menon (Assistant Professor & Director, Linguistics Program, Wichita State University, United States of America.): *The Compositionality of Color Expressions across Languages.*
- Prof. Umarani Pappuswamy (Professor & Deputy Director, Central Institute of Indian Languages, Mysore, India): *Morphosyntactic Typology of Indian Languages.*

Organizing Committee: Prof. Supriya Agarwal (Convener), (Late) Dr. Hemanga Dutta (Organizer), Dr. Dhanapati Shougrakpam & Dr. Sakshi Bhatia (Co-ordinators)



CURAJ International Linguistics Symposium: Recent Theories in Linguistics and Their Application

This 2-day symposium organized on March 17-18, 2021 featured 12 talks.

- Prof. Dafydd Gibbon (Bielefeld University, Germany): *Phonetics and Speech Science: Approaches to Prosody Description.*
- Dr. Utpal Lahiri (The English and Foreign Languages University, Hyderabad): *Semantics in Linguistic Theory.*
- Prof. Girish Nath Jha (Jawaharlal Nehru University, New Delhi): *Methods, Models and Resources in Computational Linguistics and AI.*
- Prof. Shobha Satyanath, (University of Delhi): *A variationist approach to Language: Modelling Diversity.*
- Dr. Brian Dillon (University of Massachusetts, USA): *Incremental processing of syntax: Insights from agreement.*
- Prof. Michael Kenstowicz (Massachusetts Institute of Technology, USA): *Loanword Phonology: Motivations and Case studies.*
- Dr. Sameer ud Dowla Khan (Reed College, USA): *Word-level Intonation across Rajasthan and South Asia.*
- Dr. Ishani Guha (University of Delhi, New Delhi): *Word order and Meaning: Interaction between Scrambling and Quantifier Scope.*
- Prof. Uma Maheshwar Rao (University of Hyderabad): *Language Technology: Spanning Language Barriers.*
- Dr. Arup Kumar Nath (Tezpur University, Assam): *Linguistic Imperialism, Linguistic Rights and NEP 2020: A Translanguaging Perspective.*
- Dr. Grace Didla (The English and Foreign Languages University, Hyderabad): *Forensic Phonetics: An overview.*
- Prof. Imtiaz Hasnain (Aligarh Muslim University, Aligarh): *From Sociolinguistics to Critical Sociolinguistics.*

Organizing Committee: Prof. Supriya Agarwal (Chairperson); (Late) Dr. Hemanga Dutta (Organizer); Dr. Dhanapati Shougrakpam, Dr. Sakshi Bhatia, Dr. Sharita Sharma, Dr. J. Mayuri Dilip (Co-ordinators).

Facility Available

Computer Lab

Extracurricular activities

Students from the Department participated in the Poster Competition events organized by the Fine Arts Club, Cultural Committee.



Awards/Appreciation

(Late) Dr. Hemanga Dutta was awarded 'Excellence in Teaching (4 stars)' by Edge India Publishing Private Limited, Delhi.

Dr. Sharita Sharma received a Letter of Appreciation (dated 9 March 2021) from the Department of Empowerment of Persons with Disabilities (Divyangjan), Ministry of Social Justice and Empowerment, Government of India for her contribution to important Government initiatives towards empowering persons with hearing disabilities in the country through Indian Sign Language.



School of Life Sciences

Dean: Prof. Pawan Kumar Dadheech

The School of Life Sciences has been established in 2012 with an emphasis on interdisciplinary teaching and research in modern Biology. The School now has twenty-four teaching staff and seven supporting staff. In addition to this, several post doctoral fellows are working in the Department. In the current academic session, the School of Life Sciences has moved to its permanent building with state of art laboratory for each Faculty and Central Instrumentation Facility in each Department. In the new building, SLS also has modern Seminar Halls, an Auditorium, and Smart Classes.

Department

- Department of Biochemistry
- Department of Biotechnology
- Department of Microbiology

Department of Biochemistry

Head: Prof. Sanjib K. Panda

The Department of Biochemistry aims to ignite young minds, from different backgrounds, to understand the world of biochemical reactions through application-based learning. This learning would develop their reasoning power and train them for a future career in research as well qualify for highly competitive national level examinations like CSIR-UGC NET, ICMR, and GATE. More emphasis is given on understanding the subject rather than rote learning and the students are also encouraged to broaden their potential by opting for extra audit courses offered by other departments.

Programs Offered

- Ph.D. in Biochemistry
- M.Sc. Biochemistry
- Integrated M.Sc. Biochemistry

Faculty

Name	Designation	Area of Specialization
Prof. Sanjib. K. Panda	Professor	Plant Functional Genomics, Genome Editing & Genetic Engineering, Plant Molecular Biology & Biochemistry
Prof. Chandi C. Mandal	Professor	Cellular Signalling associated with Cancer and Bone Biology



Dr. Vishvanath Tiwari	Assistant Professor	Bacterial resistance, Host-pathogen Interaction, Drug Discovery, and Vaccine Design, Nanomedicine
Dr. Kiran K. Tejavath	Assistant Professor	Nano medicine and Drug delivery against various cancer cells.
Dr. Vijay K. Prajapati	Assistant Professor	Infectious Biology and Drug Discovery
Dr. Shiv Swaroop	Assistant Professor	Protein Engineering and stability, Vaccine design, Biophysics, Synthetic biology
Dr. Dipak Gayen	Assistant Professor	Genomics, proteomics, molecular biology, and genetic engineering of plant
Dr. Bhawana Bissa	Assistant Professor	Tumor Metabolic heterogeneity and role of autophagy in cancer metabolism; Non-cell autonomous functions of autophagy
Dr. Dhaneswar Prusty	UGC FRP Assistant Professor	Molecular parasitology and Drug discovery

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Webinar on Universal Access to Vaccine and Medicine as a Fight Against COVID-19	National Webinar	23rd June 2021
Biotechnology for Crop Resilience & Sustainability in Post COVID-19 Era	International Webinar	5 th August 2020

Extramural funding received

- In the current year (2020-21), various extramural funded projects of INR 153.7 lakhs are ongoing in the Department sanctioned by different agencies of the Government of India e.g. DST, CSIR, DBT, and DST-SERB.

Equipment procured/Facility

- ELISA reader was procured in the year 2020-2021

Awards/Achievements of Faculty

Name of Faculty	Name of Award	Year	Agency/Institution Society
Prof. S.K Panda	Acknowledged in World's top 2% scientists list	2020	Stanford University, USA



Dr. Vishvanath Tiwari	ICMR Award 2019- Kamal Satbir Award	May 2021	Indian Council of Medical Research (ICMR), New Delhi
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Student Achievements

S.No	Name	Enrollment no	Qualification	Programme	Semester
1	Vaishnavi Tripathi	2019msbc020	CSIR NET JRF (2020)	M.Sc. Biochemistry	III
2	Deepika	2019MSBC007	GATE (2021), CSIR NET L.S (2020)	M.Sc. Biochemistry	III
3	Hemant Kumar	2019MSBC008	DBT JRF (2020), GATE (2021), CSIR NET L.S (2020)	M.Sc. Biochemistry	III
4	Akshay P S	2016IMSBC001	GATE 2021	Int. M.Sc. Biochemistry	IX
5	Prashant Puri	2019MSBC016	GATE 2021	M.Sc. Biochemistry	III
6	Pratima Jhanwar	2016IMSBC012	GATE 2021	Int. M.Sc. Biochemistry	IX
7	Karishma Rawat	2019MSBC009	GATE 2021	M.Sc. Biochemistry	III
8	Karthikey Sharma	2019MSBC010	GATE 2021, TIFR 2021	Msc Biochemistry	III
9	Aakash Chaudhary	2019MSBC001	GATE 2021	M.Sc. Biochemistry	III
10	Seema Kuldeep	2016IMSBC014	GATE 2021	Int. M.Sc. Biochemistry	IX
11	Ravindra Bairwa	2019msbc018	DBT-BET 2021	M.Sc. Biochemistry	III

CENTRAL UNIVERSITY OF RAJASTHAN
NH-8 Bandarsindri, Kishangarh, Ajmer, 305 817, Rajasthan

Department of Biochemistry; School of Life Sciences
Organizes One Day International Webinar on:
Biotechnology for Crop Resilience & Sustainability in Post COVID-19 Era

Patron:
Prof. Arun K Pujari
Vice Chancellor

Convenor:
Prof. Sanjib K Panda
Professor and Head

Org. Secy:
Dr. Dipak Gayen
Assistant Professor

Organizes by:
Department of Biochemistry,
Central University of
Rajasthan

Date: 5th August 2020
Time : 10.0 A.M-7 P.M

Registration is free !
No certificates to be issued.

Speakers

Prof. Petra Bauer
Heinrich Heine University
Germany

Prof. Hiroyuki Koyama
Gifu University
Japan

Prof. Nicholas Smirnov
University of Exeter
UK

Prof. Ashwani Pareek
Professor
Jawaharlal Nehru University

Dr. Viswanathan Chinnusamy
Principal Scientist
IARI, New Delhi

Registration link:
<https://forms.gle/jkRk3wFG5Aulsv122>

Last date of registration:
4th August 2020.

Zoom Meeting link will
be sent to registered
participant.

International Webinar on “Biotechnology for Crop Resilience & Sustainability in Post COVID-19 Era” on 5th August 2020

CENTRAL UNIVERSITY OF RAJASTHAN
NH-8, Bandarsindri, Kishangarh, Ajmer, 305 817, Rajasthan ,

National Webinar
Universal Access to Vaccine and Medicine as a Fight Against COVID-19
Department of Biochemistry
Central University of Rajasthan, Ajmer, India
23rd June 2021

Patron
Prof. Neeraj Gupta
Vice Chancellor (I/c)

GUEST SPEAKERS

Prof. Raghavan Varadarajan
IISc, Bangalore

Prof. Narinder K Mehra
Former Dean (Res) AIIMS New Delhi
and National chair

ORGANIZING SECRETARIES
Prof. Chand C. Mandal
Dr. Vijay K Prajapati
Dr. Dhaneswar Prusty
Dr. Shiv Swaroop

Convenor
Prof. Sanjib K Panda
Head, Department of
Biochemistry

Zoom link:
<https://us02web.zoom.us/j/88905080470?pwd=M3BNLUJlZDlVhk50I4eUyVFZlM1pWdz09>

TIMING
9.45 AM-1.0 PM
Wednesday,
23rd June 2021

National Webinar on “Universal Access to Vaccine and medicine as a Fight against COVID-19” on 23rd June 2021



Department of Microbiology

Head: Prof. Pawan Kumar Dadheech

The Department of Microbiology came into existence in July 2012 under the School of Life Sciences. Since its inception, the Department is focused to attain the very objectives of teaching and training students in fundamental and applied microbiology and meet the demand for microbiologists for academia/ research and Industries. We carry out qualitative research at par with the International and National Universities/Research Organizations and to develop the microbial diversity consortia of the community thriving in Rajasthan.

Programs offered

- Ph.D. in Microbiology
- M.Sc. Microbiology
- Integrated M.Sc. Microbiology

Faculty

Name	Designation	Area of Specialization
Dr. Pawan Kumar Dadheech	Professor	Microbial diversity and phylogenetics, Metagenomics, Cyanobacterial bioprospecting, Cyanotoxins
Dr. Pradeep Verma	Professor	Fermentation and Bioprocess Technology, Biofuels
Dr. Inshad Ali Khan	Professor	Clinical Microbiology focusing on the identification of new targets/ new compounds/ new target-based assays against Mycobacterium tuberculosis and bacterial efflux pump inhibition
Dr. Arvind Pratap Singh	Assistant Professor	Antimicrobial resistance in non-clinical settings, Animal Microbiome
Dr. Akhil Agrawal	Assistant Professor	Petroleum microbiology, Metagenomics, Cyanobacterial biotechnology
Dr. Nidhi Pareek	Assistant Professor	Microbial proteomics, Marine bioprospecting, Bioprocess development
Dr. Chandra Sekhar Gahan	Assistant Professor	Bioprocess Engineering and Bio-Hydrometallurgical Engineering
Dr. Deeksha Tripathi	Assistant Professor	Molecular biology of infectious diseases, Host-pathogen interactions,



Dr. Vijay Kumar Verma	Assistant Professor	Molecular cell biology and biochemistry of Infectious diseases
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Academic Activities

Extramural funding received

- Department of Science and Technology, Government of India sanctioned INR 45 lakhs under the DST-FIST (Level 1 category) program for a period of five years (2016- 2021).
- Various extramural funded projects of INR 445.3 lakhs are ongoing in the Department sanctioned by different agencies of the Government of India e.g. DST, CSIR, DBT, and DST-SERB.

Equipments procured/Facility

- Compound Microscope
- Thermal Cycler PCR
- Refrigerated Centrifuge
- Shaking Water bath
- Electrophoresis System
- Incubator Shaker
- Autoclave
- Analytical Balance
- Cooling Incubator
- UV-Vis Spectrophotometer
- Rota Evaporator
- Biosafety Cabinet
- Centrifuges
- Laminar Air Flow
- Thermo Shaker
- Deep Freezer (-80⁰ C & -20⁰ C)
- CO2 Incubator
- RT-PCR (LC-96)

Central Instrumentation Facility

- Ultra Centrifuge (Beckman Coulter)
- Fast Protein Liquid Chromatography (FPLC) System (GE Healthcare)
- Photoautotrophic Culture Laboratory

DST-FIST Sponsored Equipments Facility (Grant No. -SR/FST/LSI-676/2016(C))

- Gel Doc TM XR System (Bio-Rad)
- Thermo Cycler PCR C1000 (Bio-Rad)
- Distillation Unit (Merck)
- UV-Visible Spectrophotometer (Shimadzu)
- High-Speed Centrifuge (Beckman Coulter)
- Incubator Shaker (Lab Tech)
- Bioinformatics Laboratory



Awards/Achievements

- Prof. Pradeep Verma received “Prof. P.C. Jain Memorial Award 2021 and Mycological Society of India (MSI) - Fellow 2020” in the area of "Fungal Microbiology" from The Mycological Society of India.



M.Sc. Microbiology Laboratory



Newly Installed Lyophilization facility

Department of Biotechnology

Head: Dr. Pankaj Goyal

The Department of Biotechnology was incepted in 2011 to provide basic biotechnology knowledge with advanced training in challenging areas of modern research. The departmental activities are centered on dispensing research-based ideas to undergraduate, graduate, and doctoral students. In addition, departmental seminars are conducted to inculcate analytical and innovative attitudes in students to work upon societal problems.

Programs offered

- Ph. D. in Biotechnology
- M. Sc. Biotechnology (2 years Program)
- Integrated M. Sc. Biotechnology (5 years Program)

Faculty

Name	Designation	Area of Specialization
Prof. A. K. Gupta (Superannuated on 31 October 2019)	Professor (Contractual)	Plant Molecular Biology and Functional Genomics
Dr. Pankaj Goyal	Associate Professor	Molecular Medicine and Pregnancy Disorders



Dr. Janmejy Pandey	Assistant Professor	Microbial Genomics and Metagenomics
Dr. Tarun K. Bhatt	Assistant Professor	Molecular Parasitology
Dr. Suman Tapryal	Assistant Professor	Antibody Engineering and Vaccine Development
Dr. Jay Kant Yadav	Assistant Professor	Protein Folding and Aggregation
Dr. Jayendra Nath Shukla	Assistant Professor	Insect Genetics and Molecular Biology
Dr. Surendra Nimesh	UGC FRP Assistant Professor	Nanotechnology-based Drug and Gene Delivery
Dr. Vivek Verma	Ramalingaswami Fellow	Plant Stress Biology

Academic Activities

Extramural funding received

- Various extramural funded projects of Rs. 317.5 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB, etc.
- In the current year (2020-2021), Department has received extramural grants of Rs. 60.0 Lakhs.

Equipment procured/facility available during 2020-2021

- Stereozoomic Microscope
- PCR
- Refrigerated Centrifuge
- Shaking Waterbath
- Electrophoresis System
- Incubator Shaker
- Sonicator
- Autoclave
- Flow Cytometer
- Analytical Balance
- Cooling Incubator
- Deep Freezer
- Cold Cabinet
- Laminar Air Flow
- Liquid N₂ storage container, Nitrogen gas
- UV-Vis Spectrophotometer
- Green House
- Rotary Evaporator
- Fluorescent Microscope
- Multigas Incubator
- Biosafety Cabinet
- Centrifuges
- Lyophilizer
- Computer Workstations
- Trans Blot
- Thermo Shaker
- Nanodrop
- Fluorescence spectrophotometer



Animal Cell Culture Facility



Research lab

Awards/Achievements

Students

S. No	NAME	ACHIEVEMENTS
1	HARSHITA AGARWAL INTEGRATED M.SC. BIOTECHNOLOGY PROGRAMME (2016-2021)	i. Secured AIR-177 in Joint CSIR-UGC NET JRF Nov 2020 in Life Science Subject. ii. Joined in PhD Programme at IIT Jodhpur (August 2021).
2	LOVELY JOSHI INTEGRATED M.SC. BIOTECHNOLOGY PROGRAMME (2016-2021)	i. Secured AIR-44 in Joint CSIR-UGC NET JRF Dec 2019 in Life Science Subject. ii. Qualified GATE 2021 in Biotechnology AIR-892 iii. Qualified GATE 2021 in Life Science Subjects AIR- 1039. iii. Joined in PhD Programme at CSIR-IGIB (August 2021).
3	NEELAM (2016IMSBT008) INTEGRATED M.SC. BIOTECHNOLOGY PROGRAM (2016-2021)	Qualified Gate 2021 Life Science Subjects AIR-2783
4	RAJNI CHOUDHARY INTEGRATED M.SC. BIOTECHNOLOGY PROGRAMME (2016-2021).	i. Secured AIR-315 in GATE ecology and evolution ii. Secured AIR- 710 in GATE Life science.
5	ANJALI NISHA M.SC BIOTECHNOLOGY PROGRAMME (2019-2021)	i. Secured 18th Rank in ACTREC exam and is shortlisted in waiting list ii. Secured 7 th rank in NII examination iii. Secured AIR- 3442 in GATE Life science.



6	DEEPALI GUPTA- 2019MSBT006 M.SC. BIOTECHNOLOGY (2019-2021).	i. Qualified JGEEBILS 2021 ii. Secured AIR- 3586 in GATE Life science. iii. Secured AIR- 2402 in GATE-BT 2021.
7	HARSH VARDHAN SINGH M.SC. BIOTECHNOLOGY PROGRAMME (2019-2021).	i. Secured AIR-64 in Joint CSIR-UGC NET Dec 2019 in Life Science Subject. ii. Secured AIR 94 in Joint CSIR-UGC NET June 2020 in Life Science Subject. iii. Cleared DBT NET JRF 2020 (Category 1) in Life science subject. iv. Secured AIR 666 in Graduate Aptitude Test in Engineering (GATE) 2021 in Life science subject. v. Cleared TIFR JGEEBILS 2021 in Biological Science. vi. Joined in PhD Programme at Indian Institute of Science Education and Research, Bhopal. (August 2021).
8	LACY LOVELEEN M.SC. BIOTECHNOLOGY PROGRAM (2019-2021)	Secured AIR- 1685 in GATE-BT 2021.



School of Mathematics, Statistics, and Computational Sciences

DEAN: PROF. JUGAL K. PRAJAPAT

The School strives to sensitize and train young students as future researchers in the frontier areas of applied fields, adopting the multi-disciplinary and inter-disciplinary approach. The school also trains the students for Research and Development of ICT and related industries and research organizations. The Mathematics Department of this school is running a program to prepare Mathematics teachers both for higher as well as at plus two levels. Various innovative programs have been initiated by the departments of this School for local and global needs.

Departments

- Department of Computer Science
- Department of Mathematics
- Department of Statistics
- Department of Data Science & Analytics

Department of Computer Science

Head: Dr. Mamta Rani

The Central University of Rajasthan has initiated the Department of Computer Science in the year 2010-11 with M.Sc. (CS) program specialization in Artificial Intelligence, subsequently, Department started Ph.D. in Computer Science, Int. M. Sc. (CS, 5 years program) and M. Tech. (CS) in Cyber-Physical Systems. The vision of the Department is to create excellence in the field of artificial intelligence. The driving mission for the Department is to develop advances in research in Computer Science to offer best practices and research experience to its students.

Programs offered

- Ph. D. in Computer Science
- M. Sc. Computer Science (2 Years)
- M. Tech. Computer Science
- Integrated M. Sc. Computer Science (5 Years)

Faculty

Name	Designation	Area of Specialization
Dr. Mamta Rani	Associate Professor	Fractal Graphics and Chaos, Swarm



		Intelligence, Evolutionary Algorithms, Chaotic Cryptography, Vedic Sciences
Dr. Nistha Kesswani	Assistant Professor	Wireless Networks, IoT
Mr. Gaurav Meena	Assistant Professor	Machine Learning, Information Security
Mr. Ravi Raj	Assistant Professor	Image processing, Algorithms
Dr. Krishna Kumar Mohbey	Assistant Professor	Data Mining, Mobile E-Commerce, Cloud Computing
Dr. Ajay Indian	Assistant Professor	Image Processing, Neural Networks, Data Mining

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Venkateswara Rao Kagita, NIT, Warangal	<i>Online Webinar</i>	21/09/2020
Prof. S M Hazarika, IIT Gwahati	<i>Online Webinar</i>	22/09/2020
Mr. Subba Reddy, WoundTech Innovative HealthCare Solutions	<i>Online Webinar</i>	23/09/2020
Dr Asif Ekbal, IIT Patna	<i>Online Webinar</i>	24/09/2020
Prof Siba K Udgata University of Udgata	<i>Online Webinar</i>	25/09/2020

Other Academic Activities

- Five-day online FDP on “Recent Trends and Future Opportunities on Deep Learning” from 21st to 25th September 2020 at the Department. This programme was sponsored by AICTE Training and Learning (ATAL) Academy.



Departmental Online Webinar on Globalizing families, communities and nation



Five-day online FDP sponsored by AICTE Training and Learning (ATAL) Academy



Department of Mathematics

Head: Prof. D.C. Sharma

The Department of Mathematics was established in the very first year of the establishment of the University in 2009. The Department aims to prepare higher mathematics teachers and researchers for pure and applied mathematics and to prepare trained manpower needed for research and development related to industries and research organizations.

Programs offered

- Ph.D. in Mathematics
- M.Sc. Mathematics (2 years)
- Integrated M.Sc. B. Ed. Mathematics (3 years)
- Integrated M.Sc. Mathematics (5 years)

Faculty

Name	Designation	Area of Specialization
Prof. D. C. Sharma	Professor	Operations Research, Mathematical Programming, and Machining System
Prof. Jugal K. Prajapat	Professor	Complex Analysis, Geometric Function Theory, Planar Harmonic Mappings, Fractional Calculus
Dr. Anand Kumar	Assistant Professor	Fluid Dynamics, Magnetohydrodynamics, Boundary Layer Theory
Dr. Vidyottama Jain	Assistant Professor	Fuzzy Optimization, Operations Research, Performance Analysis of Communication Systems
Dr. Ram Kishor	Assistant Professor	Celestial Mechanics, Dynamical systems, Nonlinear Dynamics and Chaos, Mission Design
Dr. J. P. Tripathi	Assistant Professor	Mathematical Ecology, Epidemiology, Nonlinear Dynamics, Dynamical Systems



Dr. Vijay Kumar Yadav	Assistant Professor	Fuzzy Set Theory, Fuzzy Topology, Fuzzy Automata Theory, Category Theory
Dr. Vipul Kakkar	Assistant Professor	Algebra: Group Theory
Dr. Asha Kumari Meena	Assistant Professor	Computational Methods for Hyperbolic Partial Differential Equations

Academic Activities

Extramural funding received

- Various extramural funded projects of Rs. 28.20 lakhs have been sanctioned by different agencies of the Government of India e.g. UGC, DST-SERB.

Awards/Achievements

- Prof. Jugal K. Prajapat was nominated as a member of the Executive Council of Ramanujan Mathematical Society for three years (2019-2022).
- Dr. Ram Kishor selected as Visiting Associate of IUCAA from 01.08.2019 to 31.07.2022 under the visiting associateship program of IUCAA, Pune (Maharashtra), India.

Extracurricular activities



Departmental activities during the Academic Year



Department of Statistics

Head: Dr. Jitendra Kumar

The Department of Statistics is one of the first two Departments started along with Mathematics by the Central University of Rajasthan in the Academic Year 2009. The main goal of the Department is to impart quality education and promote theoretical, computational, and applied knowledge in the subjects of Statistics, which enables the students to pursue their future careers either in the field of academics, insurance firms or broadly in the analytics industry and government administration. The Department is actively engaged in teaching and research addressing substantive problems in the field of Actuarial Science, Bayesian Statistics, Distribution theory, Extreme Value Theory, Inference, Sampling Theory, Statistical Quality Control, Survival Analysis, Time Series Analysis and more. Department is offering a good opportunity for the employment and alumni of the department who are working in government like ISS, RPSC, etc, as well as reputed private organizations like SWISS Re, Edgewise Tokyo, KPMG, Sri Ram Finance, WNS Consultancy, The Rain Man Consultancy, Max Life Insurance, AON Hewitt Actuarial Consultancy, Nelson Private Ltd., SBI, etc. Further, students who completed their doctoral degree, they are placed in the reputed institute as faculty like IIT Allahabad, Indian Institute of Public Health, Hyderabad. The faculties are active in executing research projects in collaboration with UGC, CSIR, and MOSPI etc.

Programs offered

- M.Sc./M. A. Statistics
- Integrated M.Sc. Statistics
- Ph.D. in Statistics

Faculty

Name	Designation	Area of Specialization
Dr. Jitendra Kumar	Associate Professor	Time Series, Policy Process Reengineering and Big Data
Dr. Arvind Pandey	Associate Professor	Survival Analysis, Frailty model, Bayesian Analysis, Bio-Statistics, and Copula Models.
Dr. Deepesh Bhati	Assistant Professor	Extreme Value Theory, Distribution Theory, Actuarial Statistics.
Dr. Sanjay Kumar	Assistant Professor	Sampling Theory.
Dr. Mahendra Saha	Assistant Professor	Industrial Statistics and Actuarial Statistics



Department faculty interaction with Prof. G K Vishwakarma, IIT, Dhanbad



Thesis presentation by Integrated Master/ Master of Science students through online mode

Department of Data Science & Analytics

Head: Dr. Arvind Pandey

The Department of Data Science & Analytics runs the M.Sc. CS (Big Data Analytics), 2 years (4 semesters) professional post-graduate program. The program started in 2016 in collaboration with TCS, aims to train students in the essential knowledge, tools and techniques required for solving a wide range of problems in Data Science and Big Data Analytics. With the final semester dedicated to hands-on industrial training, the students are well-equipped to join the industry as data science professionals. Data Science is a highly multi-disciplinary subject. The M.Sc. CS (BDA) program consists of a judicious blend of courses in Statistics, Mathematics, and Computer Science, all required for core competencies in Data Science. The vision of the new Department is to create excellence in teaching and research in Data Science, Artificial Intelligence, and other related fields.

Programs offered

- M.Sc. Computer Science (Big Data Analytics), 2 Years.

Faculty

Name	Designation	Area of Specialization
Dr. Vikas Kumar (Left the Department on 5 Dec 2020)	Assistant Professor	Machine Learning, Data Mining, Matrix Factorization, Recommender Systems, Multi-Label Classification
Dr. Upasana Talukdar (Left the Department on 25 Feb 2021)	Assistant Professor	Artificial Intelligence, Cognitive Robotics, Knowledge Representation

Academic Activities

Equipment procured/Facility

Currently, for venturing into Deep Learning, the Department has procured a custom-made server which has best of class specifications 2x Intel Xeon Silver 4216 Processor, 16 Core, 22M Cache, 2.10 GHz, 16x GeForce RTX 2080 Ti (11GB GDDR6), 128GB DDR4-2666 ECC RDIMM.



School of Physical Sciences

DEAN: PROF. MANISH DEV SHRIMALI

Department of Physics

The Department of Physics was established in 2011. The Department offers three postgraduate courses: 2 years M.Sc., 3 years Integrated M.Sc. B.Ed. and 5 years Integrated M.Sc. In addition, the Ph.D. program was also introduced from the year 2014. The Department has excellent experimental and computational lab facilities for both undergraduate and postgraduate students. The students gain deep insights and the ability to realize such insights in a creative way through a wide-ranging education in both experimental and theoretical subjects. The Department of Physics has an excellent team of competent faculty members involved in cutting-edge research and teaching to sharpen the careers of the next generation physicists. The main research areas are Condensed Matter Physics, Computational Condensed Matter Physics, Laser and Optics, and Non-Linear Dynamics. The research is also supported by various funding agencies with approximately Rs. 2.66 crore funding. The Department has achieved great success by producing outstanding undergraduate, master, and doctoral students who are employed in world-class institutes like BARC, PRL, and other academic institutes and also cleared national level exams like NET-JRF, GATE, and JEST.

Department

- Department of Physics

Programs offered

- Ph.D.
- M.Sc. (2 years)
- Integrated M.Sc. B. Ed. (3 years)
- Integrated M.Sc. (5 years)

Faculty

Name	Designation	Area of Specialization
Prof. Manish Dev Shrimali	Professor	Nonlinear Dynamics and Chaos
Dr. Ajit Kumar Patra	Associate Professor	Magnetism and spin-dependent transport in nanoscale structures
Dr. Rajneesh Kumar Verma	Assistant Professor	Surface Plasmon Resonance Photonics
Dr. Neeraj Panwar	Assistant Professor	Multiferroics and Lead-free Piezoelectrics, Exchange-Bias, Magnetization reversal



Dr. Sukhmander Singh	Assistant Professor	Plasma waves, instabilities, and electric propulsions
Dr. Brijesh Kumar Singh	Assistant Professor	Optical phase singularity, laser beam shaping
Dr. Rakesh Kumar	Assistant Professor	Correlated quantum many-body systems, Topological phases
Dr. Sahinur Reja	Assistant Professor	Condensed Matter Theory
Dr. Yugandhar Bitla	Assistant Professor	Experimental Condensed Matter Physics
Dr. Sandeep Kumar	UGC FRP Assistant Professor	Experimental condensed matter physics

Extramural funding received

- Various extramural funded projects of Rs. 2.66 Crore are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST-RFBR, DST-SERB, DST-RSF, IUAC, and UGC, etc.

Equipment Procured/Facility Available:-

❖ Departmental Laboratory facilities

- **Integrated Lab I & II:-** Flywheel, Bar Pendulum, Katter's Pendulum, Spring Constant, Planck's Constant, Stokes, Torsional Pendulum, Voltage regulator, Verification of truth tables of logic gates through IC 7400 and 7402, Half adder, the value of g by digital timing technique, Maxwell Needle, Coefficient of a friction-inclined plane, e/m by Thomson method, Stefan constant, Tangent Galvanometer, Lee's Disc, p-n Junction diode, LCR apparatus, De-Sauty Bridge, Anderson Bridges, Rectifier, Faraday's laws apparatus, Sextant, BCD Decoder and Encoder, Charging and discharging of capacitor, Carry-foster bridge, Transistor input-output characteristics, Planck's constant using LED of at 4 different color Measurement of high resistance and low resistance, Thermal relaxation of the bulb, Thermocouple of silicon, Frank hertz experiment, Dielectric constant of parallel capacitor, Poisson ratio of rubber, Melde experiment Platinum resistance thermometer, Thermo emf, Young modulus bending beam double cantilever system, Viscosity of liquid by stoke's method, Lissajous figure.
- **Optics Lab:-** Newton ring, Babinet compensator, Spectrometer kit, Optical rotation of optically active substance, Michelson Interferometer, Laser diffraction, Faraday rotation of light, Fresnel Bi-prism, Light runner
- **Electronics Lab:-** Verification of characteristics and excitation table of flip-flop on a breadboard, Microcontroller 8051 and Microprocessor 8085, ADC,



DAC, applications of Universal Gates, Counter and registers, Multiplexer and de-multiplexer on a breadboard, V-I characteristics of UJT, V-I characteristics SCR, V-I characteristics Tunnel diode, V-I characteristics, FET, V-I characteristics MOSFET, V-I characteristics DIAC, V-I characteristics TRIAC, Multi-vibrator on a breadboard, IC, applications of IC-741

- **Physics Lab:-** B-H curve, Milikan oil drop, Curie Weiss Law, Measurement of the dielectric constant of a capacitor, Hall effect, solar cell V-I characteristics, Quincke's Tube, Zeeman Effect, Four probe experiment, electron diffraction, Table Top XRD, Scanning Tunneling Microscope.

❖ **Research and Central Instrumentation Facilities:**

- **Materials Science Lab:** Spin Coating Unit, Hydraulic Pressure Machine, Sonicator, pH Measuring Instrument, Weighing Balance, Magnetic stirrers, Fume hood, Vacuum pump, High-Speed Centrifuge Machine, Thin-film filtration assembly, vortex, PQMS, temperature-controlled oven, Tabular furnace, Jupiter furnace (1450°C), Carbolite furnace (1700°C) and PANalytical XRD Machine, Vacuum machines (Thermal Evaporation and E-Beam Vaporization)
- **Laser, Optics and Plasma Lab:** Lasers, Vector beam generating device & optical elements, optical detectors, Spectrometer, Magnetic Stirrer and Refractometer, Gas sensing unit, Dip coating Unit. Computing facilities are available with MATLAB and MATHEMATICA
- **Non-Linear Dynamics & Complex System Lab:** Dell and Tyrone workstations, high Computing Computers ELVIS Mutisim, Metronome A Double-Weighted Pendulum.
- **Computational Condensed Matter Lab:** Tyrone AI Workstation for simulation of Condensed Matter Model systems featuring the phenomena: superconductivity, frustrated magnetism, topological insulators

Awards/Achievements/Placements

- Five students qualified JRF: Monu Singhal, Lalit Bharti, Pooja Jain, Nitin Choudhary, Ramkalyan Meena,
- Thirteen students qualified GATE: -Satyabrata Jana, Ankit Dariya, Debodyuti Kar, Charu Sharma, Monu Singhal, Mamta, Anish Garg, Komal Pareek, Ritika Sharma, Kshitij Singh Rathore, Lalit Bharti, Ranjeet Bijarniya, Chyanika Sharma.
- Five students qualified JEST and JAM: Lakshya Sharma, Ashwini Vaishnav, Akash Shukla, Harshvardhan Upadhyay (IISC Bangalore), Maneesh Meel.
- Eight students joined the Ph.D. program: Nitin Choudhary, Satyabrata Jana, Vartika Khandelwal, Ramkalyan Meena, Sanju Machich, Harshvardhan Upadhyay, Jostine P Joby, Kshitij Singh Rathore.



- Three students joined the M.Sc. program at IITs: Lakshya Sharma, Akash Shukla, Ashwini Vaishnav.
- Seven students joined as RPSC School lecturer 2020:- Vikram Singh Reggar, Rajesh Kumar, Payal Suwalka, Sunil Kumar Meena, Subhash Meena, Balram Meena, Lalit Singh Rathore.
- One student Joined DRDO:- Shubham Dwivedi
- One student joined as Assistant Statistical Officer, Raj.:- Basant Kumar Doot



Inauguration of ISPP Conference



Group Photo of CDSA Conference



School of Social Sciences

DEAN: PROF. JAGDISH JADHAV

Department of Culture and Media Studies

Head: Prof. Jagdish Jadhav

Co-ordinator: Dr. Nicholas Lakra

The Department of Culture and Media Studies started its academic journey in July 2011 under the School of Social Sciences. It was established to nurture new fields of inquiry in the domain of interdisciplinary media, cultural, and communication studies in India by training young minds through teaching and research. The curriculum is designed to enable the students to understand the inter-relation between media

and culture that shapes the individuals and communities and is in turn shaped by them. The Department aims to prepare the students to enter the world of media and cultural studies with a critical perspective and analytical mind through an introduction to various media technologies, practices, and narratives. The Department equips the students to handle media technologies and to inculcate journalistic skills and values. Through an interdisciplinary approach, the Department builds the foundation for the students to produce cutting-edge documentaries, films, videos, photographs, and other forms of creative expression. The students are acquainted with media industries and organizations through internships, industrial visits, conferences, workshops by prominent visiting faculty and professionals. They are enabled to handle media equipment and techniques that would help them secure a place in the media industry, research organizations, and educational institutions. The Department stands for 'Communication for a Meaningful Society'.

Departments

- Department of Culture and Media studies
- Department of Economics
- Department of Public Policy, Law and Governance
- Department of Social Work
- Department of Society-Technology Interface

Programs offered

- Ph.D. in Culture and Media Studies
- M.A. Culture and Media Studies
- PG Diploma in Media Writing and Digital Communication



Faculty

Name	Designation	Area of Specialization
Dr. Pranta Pratik Patnaik	Assistant Professor	Television Studies, Cultural Studies, Gender and Sexualities
Dr. Nicholas Lakra	Assistant Professor	Intercultural Communication, Journalism, Content Analysis
Dr. Neeru Prasad	Assistant Professor	Cyber Journalism, Print Media, Layout and Designing.
Dr. Anoop Kumar	Assistant Professor	New Media Studies, Web/Digital Journalism, Qualitative Research.

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Name	Event	Date
Prof. Daya K Thussu	Department of Journalism, Hong Kong Baptist University <i>India in the Global News Sphere</i>	12/03/2021
Ms. Maha Siddiqui	CNN-News 18 Network <i>Anchoring Skills</i>	05/02/2021
Dr. Sheel Nidhi Tripathi	Communication Trainer & Independent PR Consultant <i>Communications and PR Skills</i>	29/01/2021
Mr. Anupam Mishra	News-18 Network <i>The Art of Anchoring</i> Dept. of Journalism, CUH	15/01/2021
Prof. Pradeep Nair	<i>Careers in Media Research & Higher Education</i>	11/11/2020
Ms. Rama Solanki	Journalist, TV Today Network <i>Social Media</i>	11/11/2020
Mr. Tanmoy Mookherjee	Sports Journalist, New Delhi <i>Social Media in the overall Mass Media System</i>	11/11/2020
Mr. Pradeep Surin	Assistant Editor, Zee Digital, New Delhi <i>Digital Media: The Emerging Scenario</i>	11/11/2020
Dr. Tabeenah Anjum Qureshi	Senior Journalist, Deccan Herald <i>Media and Entertainment Arts</i>	10/11/2020
Prof. B.K.Pattanaik	IGNOU, New Delhi <i>Contemporary Political and Economic Scene and Media.</i>	10/11/2020
Dr. Sana Sameer	Hindustan Times <i>Career Counselling: Print, TV & Digital Media</i>	10/11/2020
Mr. Alok Josh	Journalist, CNBC-Awaaz <i>Career Opportunities in News & Media Entrepreneurship.</i>	10/11/2020
Mr. Ajay Sharma	Journalist, Network 18 <i>New Technology and Entrepreneurship Opportunities in Media and Information Industry.</i>	10/11/2020
Mr. Rahul Dev	Advisor, Speakers' Research Initiative	09/11/2020



History of Indian News Media since Independence.

Mr. Rajesh Joshi

Founding Member, BBC Hindi Digital Team

Global Economy, Politics and Media Scene

09/11/2020

2. Other academic activities

- Dr. Anoop Kumar and Dr. Neeru Prasad organized a one-day webinar and workshop on Excellence in Online Education on 11th November 2020 for faculty members of the Central University of Rajasthan.

Awards/Achievements

- Ms. Geeta Shahu (Ph.D. Scholar) has been selected as permanent and regular faculty in Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha Maharashtra.
- Ms. Anushka Srivastava (Ph.D. Scholar) received the Best Paper of the Session Award in an International Conference on Media, Communication and Design organized by the Faculty of Journalism & Creative Studies, Jagran Lakecity University, Bhopal.

Extra-curricular activities

- The Department organized a three-day online Orientation Programme (9th – 11th November 2020) for first year students of the M.A. CMS and PG Diploma program by inviting academicians and media industry professionals to make them aware of the course curriculum and career opportunities.



Vice Chancellor with delegates of DST National Workshop



CMS students and faculty celebrate Indian Newspaper Day



Department of Economics

Head of the Department: Prof. Shyam Sundar Agarwal (from July 2020-Feb 2021)

Prof. S.N. Ambedkar (From Feb 2021)

The Department focuses on theoretical and quantitative analysis in its curriculum. The main objective of the master programme is to equip the students with theories and tools of economic analysis in major areas of its application and focus on the emerging area of Environmental Economics. The Department aims to enable the students to understand the principles, theories, and applications of microeconomics, macroeconomics, public economics, development economics, international economics, and monetary economics and to develop multidisciplinary skills among the students to tackle complex environmental and economic issues.

Programs offered

- Ph.D. in Economics
- M.A. Economics
- Integrated M.Sc. Economics
- Integrated M.Sc. B.Ed. Economics

Faculty

Name	Designation	Area of Specialization
Prof. Shyam Sundar Agarwal	Professor & Head (Contractual)	Macroeconomics, Development Economics, Public Economics, Political Economy., Infrastructure Development, and Economic & Structural Reforms
Dr.Hemlata Manglani	Assistant Professor	Micro Economics, International Trade, Growth
Dr.Pragati Jain	Assistant Professor	Environmental Economics, Development Studies
Dr.Pramod Kumar Naik	Assistant Professor	Financial Economics, Econometrics
Dr.Satyanarayan Murthy	Assistant Professor	Macro Economics and Finance, Monetary economics
Dr. Motiniva Nayak	Assistant Professor (Contractual)	Development Economics; Elements of Macroeconomics: Theory and Policy; Statistics; Econometrics; Applied Econometrics and



		Development, Industrialization and Development; Political Economy of Industrial policy; Economic Growth Theories; Applied Economics
Dr. Satpal Pradhan	Assistant Professor (Contractual)	Agricultural Economics, International Trade, Macroeconomics

Academic Activities

Awards/Achievements

The following students have qualified UGC NET/JRF:

1. Vaibhav Maheshwari (M.A. Economics)
2. Bharat Dhanday (M.A. Economics)
3. Preeti (Integrated M.Sc. Economics)
4. Jyoti Meena (M.A. Economics)
5. Sagar Kumawat (M.A. Economics)
- 6.

Department of Public Policy, Law and Governance

Head: Prof. S. N. Ambedkar

It runs very innovative Masters and Ph.D. programs which introduce students to the study of policy-making and implementation processes, the power of policy analysis and making judgments along with an understanding of legal principles and operation of law in a composite society. The PPLG program is very innovative in the sense that it helps the students to seek practical knowledge, hence job-oriented in the fields of Government, non-governmental and private sectors, particularly at the executive level.

Programs Offered

- Ph.D. in Public Policy, Law and Governance
- M.A. Public Policy, Law and Governance



Faculty

Name	Designation	Area of Specialization
Prof. S. N. Ambedkar	Professor	Local Governance, Rural Development, Indian Government and Administration
Dr. S. Kandasamy	Associate Professor	Cyber Law, Intellectual Property Law, International Law, and Human Rights Law.
Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Governance, Budgeting and Budgetary Processes in South Asia
Dr. C. Jeevan Kumar	Assistant Professor	Public Policy, Public Sector Management, Governance, and Leadership, E-governance
Dr. Almin Jose Cicily	Assistant Professor (Resigned from Position)	Governance, Local Governance, Public Policy Analysis.
Dr. Anjan Kumar Sahu	Assistant Professor	Human and Environmental Security, International Relations

Guest Lecture

Shri D. Sudhir Assistant Professor Department of Public Administration, University of Rajasthan	<i>"Topic: Punctuated Equilibrium Approach to Public Policy"</i>	Guest Lecture on 30 th January 2021
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Extra-Mural Funding received

Various extramural funded projects of INR 41.00 lakhs are ongoing in the Department sanctioned by different agencies of the Government of India e.g. ICSSR, ICSSR -IMPRESS, and UGC-MRP.

Department of Social Work

Head: Prof. Jagdish Jadhav

The Department of Social Work is actively involved in academic pursuit and field-based practices, since its establishment (2012). It strives to work towards participative, inclusive, and sustainable development. Department believes in promoting human potentials, skill development, equal opportunity, justice, respect for diversity, and an anti-discriminatory environment within the society.



The Department endeavors to make: Globally competent, socially significant, and locally relevant trained personnel. The function of the Department covers four areas first, teaching which includes imparting academic degrees with the motto of providing education for sustainable development. The second is practice which includes integrating the theory into practice by programmatic intervention and field laboratories. The third is research which includes students' dissertations based on empirical work and evidence. The fourth area is extension covering field action projects.

Programs Offered

- Ph.D. in Social Work
- M.A. Social Work (MSW)

Faculty

Name	Designation	Area of Specialization
Prof. Jagdish Jadhav	Professor	Natural Resource Management, Social Skill Training, Community Development, Social Advocacy
Dr. Subhasis Bhadra	Associate Professor	Mental Health and Psychosocial Support, Life Skills Education, Disaster Management
Dr. D.P. Negi	Assistant Professor	Development Studies, Tribal Studies, and Community Development, Community Health
Dr. Atiq Ahmed	Assistant Professor	Neuro-Psycho-Oncology, Health Accessibility among Rural and Urban, Medical Social Work
Dr. Shaizy Ahmed	Assistant Professor	Ageing, Community Work, Higher Education, WASH Management, HRM
Dr. Rajeev MM	Assistant Professor	Child and Youth Development, Disaster Management, Environment Issues, PRI

Academic Activities

Expert/Guest Lecture/Seminar/Visit

- Department of Social Work organized International Webinar on “Impact of Covid-19 on the Young and Adolescent Girls” on 15th October 2020. Eminent Speaker/s: Dr. Faith Mwangi Powell, CEO, Girls Not Brides; Prof. Neeraj Gupta, Vice-Chancellor, Central University of Rajasthan and Prof. Neelam Shukramani, Jamia Millia Islamia, New Delhi. Session 1-Reflections from Grassroots Speaker/s: Mr. Arvind Ojha, Urmul Trust, Bikaner; Ms. Indira Pancholi, Mahila Janadhikar Samitee, Ajmer; Mr. Yogesh Sharma, Vikalp Sansthan, Udaipur; Ms. Shabnam Aziz, Educate Girls, Jaipur. Session



- 2- University-Community Engagement Speaker/s: Prof. Bhavna Mehta, M.S. University, Baroda, Gujarat; Dr. Hardeep Kaur, Punjabi University, Patiala, Punjab; Dr. Manju Panwar, Bhagat Phool Singh Mahila, Vishvavidhyalaya, Haryana.
- Department of Social Work organized International Webinar on Social Work Practices during Pandemic: Challenges and Future Prospects on 07th June 2021. Speaker/s: Professor Bhavana Mehta, Professor, and Dean, Faculty of Social Work, M. S. University, Baroda; Professor Johnny Augustine; Professor St. Ambrose University USA; Dr. Eric Anthony Des Marais, Associate Professor, Okayama Prefectural University, Japan.
 - Department of Social Work organized a Webinar on Perspectives on Social Work Practice and Making a Professional Self. Session 1- delivered lecture on Starting and Managing a NGO Resource Person/s: Dr. Eliza Periera President, Insight (Heal your Mind), Bengaluru, Session 2- Documentation Process and Legal Aspects of NGO Maintenance Resource Person/s: Mr. Omprakash, President, SDERC, Rajasthan; Session 3- Advocacy and Rehabilitation of Persons with Disability Resource Person/s: Dr. A.Chidambaram, Assistant Professor, Centre for Social Exclusion & Inclusive Policy, Pondicherry University; Session 4- Third Sector Organizations & Sustainability Resource Person/s: Dr. Iftexhar Alam, Assistant Professor, Dept. of Social Work, Pondicherry University; Session 5- Pune Geriatric Care Centre: A Parallel Journey of Self and Profession Resource Person/s: Dr. Santosh Kanshetty, Pune Geriatric Care Centre; Session 6- Social Work Practices in Hospital Settings: A Diary of MPSW Resource Person/s: Dr. Swati Amrale Jadhav, Medical Social Worker, Vice-President, RMKM; Session 7- Managing Professional Self – Stress & Relaxation Resource Person/s: Dr. Tahira Mariam, Counselling Psychologist; Session 8- Ethical Issues & Challenges in Helping Professions Resource Person/s: Ms. Reshma Malick, Counselling Psychologist, Chennai.

Webinar/ E-Conferences/ E-Workshop

- Department of Social Work organised Webinar on “An Interface with Young Minds, Embrace the Unheard Story” on 06th January 2021. Resource Person/s: Dr. Jaya Kritika Ojha, Dr. Rahul Shukla, Dr. W. Premi Devi Dr. Jaya Kritika Ojha; Asst. Professors, DSTI.
- Department of Social Work organised Webinar “Dialogue Series: 2 Why Social Work Students Need to Understand Economics” on 20th January 2021. Resource Person/s: Dr. Pramod Kumar Naik; Assistant Professor, Economics, CURAJ.
- Department of Social Work organised Webinar “Making a Promising CV” on 26th May 2021. Resource Person/s: Dr. Dhanpati Shougrakpam, Dept. of Linguistics; and Dr. Sajeevkumar MP, Soft Skill Trainer, and Academician.



- Department of Social Work organised Webinar on “Facing an Interview” on 29th May 2021. Resource Person/s: Prof. Neeraj Gupta, HVC, CURAJ, and Dr. Gunnet Inderjeet Kaur, Asst. Professor, Dept. of Sport Psychology, CURAJ.
- Department of Social Work organized Webinar on “Mental Health and Psychosocial Support in Disaster: Psychological First Aid for Community Survivors” on 04th June 2021. Resource Person/s: Dr. Subhasis Bhadra, Head, Dept. of Social Work, CURAJ; Dr. Prasanta Roy, Head Dept. of Clinical Psychology, Institute of Psychiatry, Kolkata; Ms. Ilora Barik Sil, Assoc. Prof. Dept. Of Psychiatric Social Work, Institute of Psychiatry, Kolkata; and Dr. Atiq Ahmad, Asst. Prof. Dept. of Social Work, CURAJ.
- Department of Social Work organised a Webinar on the “Virtual Summer Internship Programme” on 11th June 2021. Resource Person/s(Alumni Speakers): Piyush Kumar, Rashmi Ranjan Sahu, Nishtha Mishra, Ayub Sheikh, Aditi Mishra, Mast Ram Meena, Sunita Kumari, Bipasa Kumari, Komal Babani, Anoop Raj, Abhishek Kumar, and Meenal Mehta.
- Department of Social Work organised Webinar “Virtual Tour: To Understand the Breaking Work of Renowned Civil Society Organisations” from 22nd June to 26th June 2021. Civil Society Organizations: PGCC, Pune; BANYAN, Chennai; SATYA, Chennai; SOS Children’s Village.

Students' Participation in Cultural Activities:

The students have participated in various cultural activities online that were organised by the University Cultural Committee. On Constitutional Day online quest competition, Ms. Rashmita won the third prize. The students of the Department of Social Work organised freshers welcome and interphase cultural events with the other batches of students through online mode.

Extension activities:

The students of Social Work through their fieldwork activities reached out to the communities in their areas of living through the local NGOs, Panchayat, and Hospitals or as independent community volunteers. During the period of the pandemic, they organised many awareness programmes about maintaining COVID appropriate behavior and also about vaccination in the communities. Few of them directly worked with the Panchayat to facilitate the Health Camp, Vaccination Drive, distribution of masks etc. One of the students worked as an online counselor appointed by the local panchayat. Subsequently, the students also participated in mobilizing support for the poor marginalised families, facilitating education among the children and conducted a number of life-skill-based activities to promote health and well-being among the community people.



Department of Society - Technology Interface

Head: Prof. Uma Sankar Mishra

Indian society and economy are completely transferred owing to the intrinsic role played by the ICTs. The country is progressing exponentially towards reaping the developmental dividends that arise out of the fast process of digitalization of society. The social-cultural-political-economic-policy narratives are completely shaped and consolidated around the uses of digital tools and technologies. In this concern, the Central University of Rajasthan introduces a new interdisciplinary Academic Department, the Department of Society-Technology Interface (DSTI) to cultivate research and teaching to the post-graduate and research programme to the students from diverse educational backgrounds by linking two advanced streams of knowledge- Science and Technology and Social Sciences to look for better career opportunities and stay competitive.

Programs offered

- M.Sc. in Digital Society (02 years)
- M.A. in Cultural Informatics (02 years)

M. Sc. in Digital Society is running with the active academic collaboration with the International Institute of Information Technology (IIIT), Bangalore, and MA in Cultural Informatics in collaboration with Indira Gandhi National Centre for the Arts (IGNCA), New Delhi.

Faculty

Name	Designation	Area of Specialization
Prof. Uma Sankar Mishra	Professor	Marketing Research, General Management
Dr. Jaya Kritika Ojha	Assistant Professor	ICT and Sustainable Development, Gender-Livelihoods and Technology, Rurbanisation and PURA, Digital Commons and Collective Action, Leadership, Capabilities and Empowerment, Social Research Methods, Qualitative Monitoring and Impact Assessment
Dr. Wairokpam Premi Devi	Assistant Professor	Science, Technology and Society Studies, Innovation Studies, Informal Sector Innovations, Philosophy of Science and Technology, Actor-Network, Gender, Technology and Science, Research Methodology in Social Science, SocioTechnological Imaginaries with focus on Genome projects and Precision medicine.
Dr. Gyana Ranjan Panda	Joint Faculty and Assistant	Public Policy and Governance, Public Finances, Energy, Climate Change, Gender Budgeting,



	Professor-PPLG	Water and Sanitation, Big Data and Public Policy, Policy, Politics, and Governance in Digital Era.
Dr. Nicholas Lakra	Joint Faculty and Assistant Professor-CMS	Journalism and Media studies, Intercultural communication, Communication Research (Content Analysis) Human Rights Studies, Tribal and Indigenous people, Heritage, Culture and Museum studies.

Academic Activities

Expert Lecture/Seminar/Visit

Sl. No.	Name	Designation	Topic	Date
1	Dr. Bhavisha Seth	Assistant Professor, Marwadi University, Rajkot	Intellectual Property Rights and Digital Innovation	24 th July 2021
2	Mr. Abhishek Saurav	Digital Designer	Digital Design and Editing	5 th June 2021
3	Mr. Saransh Chaturvedi and Mr. Sukrit Mishra	HR-Vbeyond and IBM-India	Preparing a CV for Professional World	17 th April 2021
4	Mr. Bishan Singh Rawat and Pranav Kumar	ICICI Foundation, Dehradun	Financial Literacy and Digital Banking	17 th February 2021
5	Mr. Subash S.P.	Scientist-Agri. Economics, ICAR-National Institute of Agricultural Economics and Policy Research (NIAP)	Behavioural & Welfare Economics in Public Policy	18 th January 2021

Awards/Achievements

Best Paper Award

Dr. Jaya Kritika Ojha, Assistant Professor, received the Best Paper Award for her work titled "Interventions, Convergence and Sustenance Strategies for Rural Producers to Cope with Challenging Times in Western Rajasthan" at the International Virtual Conference on Entrepreneurship during Challenging Times: Strategies for Success & Sustenance, in Technical Session: Entrepreneurship in Difficult Times, organised by Entrepreneurship Development Cell, Faculty of Management Studies, Mohan Lal Sukhadia University, Udaipur (June 19-20, 2021).



Students' Achievements

Internship based Dissertation (Second Batch, 2020-2021)

Sl.No.	Name	Dissertation Title	Host Organisations for Internship
1.	Anik Kumar	Digital Marketing- Customer Behaviour Toward Email Marketing.	Sesta Development Services, Guwahati, Assam 781013
2.	Ashok Saini	Satisfaction Level of Citizens toward the Common Service Centers in Rajasthan	
3.	Atul Raj	Creating Digital Space for Grassroots Innovation A case of National Innovation Foundation-India (NIF)	National Innovation Foundation, Gandhinagar, Gujarat- 382650
4.	Lushika Vatsa	Online Shopping: Factors Affecting Consumer's Behaviour of Saharsa District of Bihar	Flynote, Bengaluru, Karnataka 560102
5.	Mudita Joshi	Understanding of the role of innovation for the growth and development of Small-Scale Farmers.	National Innovation Foundation, Gandhinagar, Gujarat- 382650
6.	Neha Mishra	Risk-benefit analysis of the privacy trade-offs in open government data portals	IIIT, Bangalore, Bengaluru, Karnataka 560100

Jobs/Placement/Higher Studies (Placed during July 2020-June 2021)

1. Anurudh Kumar, M.Sc. (Digital Society), Batch 2018-20 joined Tata Consultancy Services as Assistant System Engineer.
2. Swati Chhikara, M.Sc. (Digital Society), Batch 2018-20 joined Apollo MedSkills Limited as Senior Executive- Quality.
3. Manish Tarun, M.Sc. (Digital Society), Batch 2018-20 selected as Research Scholar in Department of Public Policy Law and Governance, Central University of Rajasthan.
4. Neha Mishra, M.Sc. (Digital Society), Batch 2019-21 selected to the 11th cohort of the Young India Fellowship (YIF)- Ashoka University.



School of Sports Science

Coordinator – Dr. Chandra Sekhar Gahan

The School of Sports Sciences was established in May 2018 with the support of the Ministry of Youth Affairs and Sports, Govt. of India. The School of Sports Sciences aims to carry out active teaching and research in the various fields of Sports Sciences. The Masters programs of this School would enhance the knowledge of the students in Sports Sciences and improve their level of understanding with underlying scientific principles in Sports Sciences. The courses would emphasize both theoretical and laboratory aspects which would help the students to enrich and sharpen their knowledge both in instrumentation techniques and software-based simulations in Sports Sciences. We encourage and guide the students to study scientific principles related to sports performance through a broad range of scientific fields including Physiology, Nutrition, and Biochemistry. Our courses also help students develop numerous useful skills such as designing research studies, collecting data and information, critical data analysis, dissecting results, problem-solving, organization, and time management. Keeping in mind the career ambitions of the students, School also provides ample opportunities to students to learn the novel state-of-the-art technologies in multiple scientific research areas which will give them an extra edge in their Sports Science careers. We are confident that our well-planned curriculum, guidance, dedicated faculty, and remarkable leadership will bring out the best in our students and enrich them with the finest Sports Science expertise.

Department

- Department of Sports Bioscience
- Department of Sports Biomechanics
- Department of Sports Psychology

Department of Sports Bioscience

Head: Dr. Chandra Sekhar Gahan

The Central University of Rajasthan has started the Department of Sports Biosciences under the School of Sports Sciences MYAS-CURAJ supported by the Ministry of Youth Affairs and Sports (MYAS). The Department runs three M.Sc. programs: M.Sc. Sports Biochemistry, M.Sc. Sports Nutrition and M.Sc. Sports Physiology. These courses would enhance the knowledge of the students in Sports Biosciences and improve their level of understanding with underlying biological scientific principles in sports sciences. The courses would emphasize both theoretical and laboratory aspects and most specifically the biochemical and nutritional analysis together with computational simulation. The program would also allow students to interact and carry out their practical tests both on the field with the athletes/sportspersons during the games and sports. This would allow the students to enrich and sharpen their knowledge both in instrumentation techniques and software for



understanding the underlying intricacies of sports activities and improvisation of the games/sports. Appealing to those with an enthusiasm for biosciences of sports, physical activity, and human biology, these courses would teach how sporting performance can be improved to ensure individual level success and achieve improvisation in the potential of sportspersons.

Programs Offered

- M.Sc. Sports Biochemistry
- M.Sc. Sports Nutrition
- M.Sc. Sports Physiology
- Ph.D. Sports Bioscience

Faculty

Name	Designation	Area of Specialization
Dr. Chandra Sekhar Gahan	Associate Professor	Biochemistry Bioprocess Engineering Biochemical Engineering
Dr. Neha Singh	Assistant Professor	Sports Biosciences Biomedical Sciences
Dr. Hemant Naick Banavath	Assistant Professor	Sports Biosciences Biochemistry
Dr. Sunil G Purohit	Assistant Professor	Biochemical monitoring of sports training and recovery status of the athletes. Physical fitness and sports training.
Dr. Nisha	Guest Faculty (Temporary)	Food processing, Dietetics, Therapeutic Nutrition, Product development, Food Science

Academic Activities

Expert Lecture/Seminar/Visit

Name	Event	Date
Prof. Naresh Babu V.S. Dr. Govindaraj.P Dr. Gulam Hussain Syed Dr. Sudipta Basu Dr. Sanjay Kumar	One-day online webinar on Mitochondria in Health and Disease - 2021.	24 th Feb 2021



Equipment Procured/Facility Available

MAJOR EQUIPMENT

- Portable Digital Electronic Body Weight Scale
- Deep Freezer (-40°C)
- Semi-automatic Biochemistry Analyzer
- Electromyography (EMG) and nerve conduction velocity (NCV)
- Serological Water Bath
- Bench Top pH meter
- Hot plate and magnetic stirrer
- Fully Automatic Hematological Analyzer
- Spirometer (Portable)
- Refrigerator
- Hot air oven
- Weighing Balance
- Table Top Vortex Mixer
- Horizontal Electrophoresis with power pack
- Small Volume Centrifuge
- SDS Apparatus and Wet Transfer System
- Chemi-doc. System
- qRT-PCR
- CO2 Incubator
- NanoDrop Spectrophotometer
- PCR Machine
- Hand-Held Homogenizer
- Dry Block Heater
- Complete Portable Lactate Analyzer
- Portable Hand Grip Dynamometer
- Table top Large Volume Centrifuge
- 2D Rocker

Awards

Students

Name of Students	Course	Batch	Exam qualified	Year
Mohit Dhariwal	M.Sc. Sports Nutrition	2019-21	NET-LS	2020



Departmental activity during the Academic Year 2020-21



Department of Sports Biomechanics

Head: Dr. Chandra Sekhar Gahan

The Central University of Rajasthan started the Department of Sports Biomechanics under the School of Sports Sciences CURAJ-MYAS funded by the Ministry of Youth Affairs and Sports (MYAS). The Department is offering one M.Sc. Program in Sports Biomechanics for those students who are enthusiastic and interested in making a career in Sports Bioengineering and mechanical aspects of sports person/athlete, physical activity, and human biology. This course covers the area of study where the knowledge and methods of mechanics are applied to the structure and function of the human body.

Program Offered

- M.Sc. Sports Biomechanics

Faculty

Name	Designation	Area of Specialization
Dr. Chandra Sekhar Gahan	Associate Professor	Biochemistry Bioprocess Engineering Biochemical Engineering
Dr. M. Mariehwaran	Assistant Professor	
Dr. Subhomoy Chatterjee	Assistant Professor (Temporary)	
Dr. Atul Nag	Guest faculty	
Dr. Piyush Gaur	Guest faculty	

Department of Sports Psychology

Head: Dr. Subhasis Bhadra

The Department of Sports Psychology, under the School of Sports Sciences, started its academic session from 2020 onwards. The Department is funded by the Ministry of Youth Affairs and Sports (MYAS), Government of India. The Department of Sports Psychology focuses on creative training, applied research, and practice that are most relevant in the area of sports, maintaining well-being and for the development of youths. Through intensive theoretical and practical engagements, the students are trained to use psychological knowledge and skills to address optimal performance and well-being of athletes and to deal with the systemic issues associated with sports settings and organizations. The Department strives to ensure the essence of positivity, the spirit of winning over the challenges and facilitating holistic well-being that the students can be



competent in various areas of practice of positive-psychology, to a plethora of careers from the field of sports to performing arts, health, and fitness, counseling and mental health. The functions of the Department cover four areas-first, teaching with a motto of creating enthusiastic, skilled Sports Psychologists. The second is integration of theory and practice through classroom teaching, laboratory and field-based practical experiences. The third is research which includes students' dissertations, based on empirical work and evidence in the area of Sports Psychology. The fourth area is undertaking action research through funded research projects.

Program Offered

- M.A./M.Sc. Sports Psychology
- Ph.D. Sports Psychology

Faculty

Name	Designation	Area of Specialization
Dr. Neethu PS	Assistant Professor	Environmental Psychology, Sports Psychology, Mental Health
Dr. Guneet Inder Jit Kaur	Assistant Professor	Sports Psychology, Performance Psychology, Health Psychology, Organizational Behaviour

Academic Activities

Expert Lecture/Seminar/Visit

Name	Event	Date
<i>Professor Jitendra Mohan</i> Professor Emeritus, Dept. of Psychology, Panjab University, Chandigarh	Delivered lecture on <i>Sports Psychology for the pursuit of Excellence</i>	20 th July 2021
<i>Dr. Anuradha Solanky</i> Scientific Officer, Human Performance Lab, Sports Authority of India, New Delhi	Delivered lecture on <i>Recent Advances in the field of Sports Psychology</i>	23 rd July 2021
<i>Dr. Reena Kaul</i> Senior Scientific Officer, Sports Authority of India, Kolkata	Delivered lecture on <i>Quest for Sporting Excellence: Harnessing the Power of Positive Psychology</i>	6 th August 2021
<i>Dr. Jai Prakash Bukhar</i> Associate Professor, Dept. of physical education & sports, Central University of Haryana	Delivered lecture on <i>Recent Trends in Sports Psychological Assessment</i>	13 th August 2021



Other Academic Activities

Theme/Event name	Organizer/Coordinator	Date
Four-day Online Expert Lecture Series on "Career Prospects in Sports Psychology"	Department of Sports Psychology	20 th &23 rd July and 6 th &13 th August 2021.



Faculty: Academic Endeavours

Invited Lecture/Keynote/Session Chaired

Department of Architecture

Neeraj Gupta

“Teaching Learning and Assessment”, a Ten-day online Faculty Development Program at Central University of Rajasthan (TLC@CURaj). (15 - 25 March 2021). Invited Lecture

“FIP 2, Kurukshetra University” at Kurukshetra University, Kurukshetra. (11 March 2021).
Keynote Speaker

“NEP 2020: Inculcating Research Culture in Teaching and Learning Process” one-week online FDP, at Central University of Rajasthan (TLC@CURaj). (22 - 26 February 2021).
Invited Lecture

“Faculty Members of HEIs”, four weeks online Induction Training Program, at Central University of Rajasthan (TLC@CURaj). (20 January - 16 February 2021). Invited Lecture

“Teacher's Role in NEP Implementation - Awareness and Challenges”, online organized by Sri Devaraj Urs Academy of Higher Education and Research, Kolar in collaboration with Bharatiya Shikshan Mandal & NITI AAYOG. (13 February 2021). Keynote Speaker

“UGC-Human Resource Development Centre (HRDC), University of Rajasthan, Jaipur organized RUSA 6th Induction Programme”, online One of the objectives of the course is to develop professional skills of the teachers and make them agents of socio-economic change. (12 February 2021 to 13 March 2021). Session Chaired

“Indian Ethos on Management”, a ten-day online Faculty Development Program at Central University of Rajasthan (TLC@CURaj). (04 January 2021–14 January 2021). Invited Lecture

“Traditional Indian Wisdom on Teaching and Learning”, a one-week online Faculty Development Program, funded by the Ministry of Education, New Delhi under the scheme of Pandit Madan Mohan Malaviya National Mission on “Teachers and Teaching (PMMMNMTT)” at Central University of Rajasthan (TLC@CURaj). (21 - 26 December 2020). Invited Lecture

“Implementation of New Education Policy 2020”, one-week online Faculty Development Program on Vocational Education and Skill Development at Central University of Rajasthan (TLC@CURaj). (14 - 18 December 2020). Invited Lecture

“Ten-Day Online Faculty Development Program”, on Teaching Learning at Central University of Rajasthan (TLC@CURaj). (23 Nov - 03 December 2020). Invited Lecture



"Implementation of New Education Policy 2020", one-week online Faculty Development Program on the role of faculty members of HEIs at Central University of Rajasthan (TLC@CURaj). (04 - 08 November 2020). Invited Lecture

"Impact of COVID-19 on the Young and Adolescent Girls," online webinar at Central University of Rajasthan. (15 October 2020). Invited Lecture

"National conference on Renewable Energy & Digitalization Resources of the Development of Rural Areas (NCRDR 2020)" at JNIT, Jaipur, Rajasthan. (20-29 February 2020). Invited Lecture

"Faculty Members of Higher Education Institutions (HEIs)", four-week Online Induction Training Program at Central University of Rajasthan (TLC@CURaj), as the Guest of Honor in the Inaugural Session. (20 January - 16 February 2021). Invited Lecture

Department of Atmospheric Science

Someshwar Das

"Challenges in Predicting Severe Weather over the Himalayas". Webinar organized by CDHM, Tribhuvan University, Kathmandu, Nepal and South Asian Meteorological Association. (17 June 2021). Invited Lecture

"Numerical Weather Prediction, Data Assimilation, and Forecasting. TROPMET-2020 (Weather & Climate Services over Mountainous Regions), NESAC, Shillong. (14-17 December 2020). Session Chaired

"International Conference on Meteorology and Climate Science 2020 (ICMCS 2020), University of Dhaka, Bangladesh. (11-12 December 2020). Session Chaired

Subrat Kumar Panda

One-Week Online Faculty Development Program on Implementation of New Education Policy 2020: Vocational Education and Skill Development, under the scheme of Pandit Madan Mohan Malviya National Mission on teachers and teaching (PMMMNTT), organized by Teaching Learning Centre, Central University of Rajasthan. (14 - 18 December 2020). Coordinator

Chinmay Mallik

"Trace Gases in Ambient Air-Indian Subcontinent Perspective: the importance of the analytical techniques", at two-day virtual skill workshop on "Techniques to Study Ambient Aerosols and Their Impact on Urban Air Quality", organised by CSIR-IMMT, Bhubaneswar under the Government of India (GoI) Skill Initiative Program. (12-13 January 2021). Invited Lecture



"Climate Research in the Amazons" at National webinar on "Climate Change: Challenges and Prospects", organized by IQAC in collaboration with Department of Geography, Dukhulal Nibaran Chandra College, Murshidabad. (18 September 2020). Invited Lecture

Department of Biochemistry

Sanjib Kumar Panda

"Lessons Learnt from Covid-19 Pandemic for Climate Change Adaptation and Mitigation Strategy" in 5th International Conference on Climate Change 2020, jointly organized by UNS, Indonesia & Gifu University, Japan. (24-25 September 2020) Invited Lecture.

"Genetic Engineering, GMO and Environmental Safety" & "Functional Genomics", at Universitas Sebalas Maret, Indonesia. (28 November 2020). Invited lecture.

"Research Proposal Writing & activity session on "Research Grant Proposal Assessment" in the FDP organized by TLC, CURAJ. (20 January-16 February 2021). Invited Lecture.

"Skills for Success in Research Funding" in the FDP organized by TLC, CURAJ, March 15-25, 2021. Invited talk.

"Critical Parameters In The Evaluation Of Research Proposals" keynotes/ in Faculty Development Program on "Inculcating Research Culture in Teaching and Learning Process", 22-26 Feb. 2021. Invited Lecture.

Chandi C. Mandal

"Environmental Temperature Linked To Pollution, Cancer and COVID-19" on Celebration of National Pollution Control Day, Brainware University, Kolkata, West Bengal. (2 December 2020). Invited Lecture.

Vishvanath Tiwari

"Strategies for Combating Carbapenem-Resistant Acinetobacter Baumannii" on 86th Annual Meeting of the Indian Academy of Sciences, Bangalore. (6-8 Nov 2020). Invited Lecture.

"Multidisciplinary Strategies For Combating Carbapenem-Resistant Acinetobacter Baumannii" on International Conference on "Recent Advances in Biotechnology, Bioinformatics, and Biochemistry" at Department of Molecular and Cellular Engineering, Sam Higginbottom University of Agriculture Technology and Sciences, Prayagraj. (18-20 Dec 2020). Invited lecture.

"Strategies For Prevention And Control Of Carbapenem-Resistant Acinetobacter Baumannii" on Workshop 'Microbial Diversity: Source of Novel Therapeutics and Industrial Enzymes' at Department of Biotechnology and Microbiology, AKS University, Satna (M.P.) 485001, India. (5-6 October 2020). Invited Lecture.



“Membrane Proteome Provide Potential Targets against Carbapenem-Resistant Bacteria” organized by Department of Zoology, Central University of Punjab, Bathinda. (26 December 2020). Invited Lecture.

Dipak Gayen

“Improvement of storage stability and productivity of rice through genetic engineering” organized by Bioingene. (18 July 2020). Invited Lecture.

“Plant Organellar Proteomics in Response to Environmental Stress” at CSIR-online training programme (8 August 2020). Invited Lecture

Department of Biotechnology

Suman Tapryal

“21st Century: The Era of Biotechnology” at E-Refresher Course, Workshop XI - Microbial Biodiversity: Source of Novel Antimicrobial Therapeutics, organized by Department of Biotechnology, Faculty of Life Science and Technology, AKS University, Satna (MP). (6 October 2020). Invited lecture

Jay Kant Yadav

“Healthy Aging: Role of Nutrition in Moderating the Molecular Events leading to Alzheimer’s disease” in the webinar title: Water, Energy, and Environment: Challenges & Solutions (WEE-2021) organized by the Department of Chemistry, Institute of Science, GITAM University, Visakhapatnam, India. (20 - 21 January 2021). Invited lecture

“Trehalose inhibits the heat-induced formation of the amyloid-like structure of soluble proteins isolated from human cataract lens” in the International Conference on Biotechnology for Sustainable Agriculture, Environment and Health (BSAEH 2021). (4-8 March 2021). Invited lecture

Department of Chemistry

Easwar S.

“The Morita–Baylis–Hillman Ketone: A Pandora’s Box of Reactivity” at Government Dungar College, Bikaner in association with Directorate College Education, Jaipur, under "Gyan Ganga" initiative. (20 January 2021). Invited Lecture

“An Introduction to Proton NMR Spectroscopy” in the five-day short-term course on “Spectroscopic Techniques for Materials Characterization” organized by Materials Research Center at MNIT Jaipur. (4 January 2021). Invited Lecture



“Problem-solving in Proton NMR Spectroscopy” in the five-day short-term course on “Spectroscopic Techniques for Materials Characterization” organized by Materials Research Center at MNIT Jaipur. (5 January 2021). Invited Lecture.

Anuj K. Sharma

“Traditional and Contemporary Bioinorganic Chemistry: An overview” Gyan Ganga Programme jointly organized by Commissionerate, College Education Rajasthan and Department of Chemistry, S.P.C. Government College Ajmer, India. (11-16 January 2021). Invited Lecture.

“Data Processing using SCAN & NOVA Software tools: UV-visible Spectroscopy & Cyclic Voltammetry” at a one-week National e-Workshop cum value-added course entitled “Hands-On Training & Practices in Computational Chemistry” from by J. C. Bose University of Science and Technology YMCA Faridabad, India. (23-27 November 2020). Invited Lecture

“Role of metal ions in neurodegenerative diseases and ongoing research to develop multifunctional chelators as theranostic agents” at Amity Institute of Molecular Medicine & Stem Cell Research, Amity University, NOIDA, India. (29 October 2020). Invited Lecture

“Multifunctional Inorganic Systems for Biomedical Applications” in “Meet IIT Roorkee Chemistry Alumni” organised by Department of Chemistry, IIT Roorkee, India. (10-15 August 2020). Invited Lecture

“Novel Small Metal-based Molecular Agents Designed for Therapeutic Applications” in Webinar on “Challenges in Vaccine Development and Therapeutic Applications of Chemistry” organised by Department of Chemistry, Manipal University, Jaipur, India. (28 July 2020). Invited Lecture.

Thirumoorthi Ramalingam

“Trichalcogeno PCP Bridged Mono- and Dianion for Transition and Main-Group Metals” at Department of Chemistry, Government College, Kota, India (01–06 February 2021). Invited Lecture

“PCP Bridged Mono and Dianion for Main-Group Metal Complexes” at *Frontier Research Areas in Chemistry-2020* (FRAC-2020), MEPCO Schlenk Engineering College, Sivakasi, Tamilnadu, India (19–23 October 2020). Invited Lecture

Department of Commerce

Praveen Sahu



“Before and After Effect of COVID-19 on Indian Economy: In Context of E-commerce” at National Webinar organized by SRSJ Govt. Degree College, Hatta, Damoh, M.P. (Feb. 10, 2021). Resource Person

Neha Seth

“Is there a disconnect between Stock Market and Economy?” at International Management Conference, Centre of Management Studies, Jamia Islamia, New Delhi, India. (2021, May 21-24). Session chaired.

Sanjay Kumar Patel

“Financial Planning and Tax Provision: Tax Saving for Individual” in National Webinar on “Role of Financial Planning in Current Scenario” at JVBI (Deemed University), Rajasthan, (Dec. 29, 2020). Key Note Expert

Department of Computer Science and Engineering

Gaurav Somani

“DDoS attacks in Cloud Computing”, FDP on ‘Emerging Techniques in Engineering’, organised by Government Women Engineering College, Ajmer. (19 March 2021). Invited Lecture

“Effective Teaching and Online Classes”, one-week online short-term course on “ICT in Research, Teaching & Learning (ICTRTL-2020)” sponsored by TEQIP-III, Government Engineering College, Ajmer. (10 September 2020). Invited Lecture

“Virtualization: Fundamentals and Advancements”, (Lecture Series: 12 talks), organised by Ahmedabad University. (August-September 2020). Invited Lecture

Muzzammil Hussain

“Intellectual Property Rights: Issues and Challenges”, at International Conference on Research in Science, Engineering, Technology and Management 2020 (ICRSETM-2020), sponsored by Elsevier and organized by Vaagdevi College of Engineering, Warangal, Telangana, India. (28 December 2020). Invited Lecture

“Security in Block Chain”, a two-week Refresher Course on Block Chain Technology, organized by UGC-HRDC, JNTUH, Hyderabad (17 December 2020). Resource Person

“IPR: Issues and Challenges”, online FDP, organized by Departments of IT & CA, JECRC University, Jaipur. (04 December 2020). Invited Lecture



Department of Computer Science

Mamta Rani

“Recent Advancements and Innovations in Management, Media, Science, Technology, Education and Legal Issues”, Seminar organized by JIMS Engineering Management Technical Campus, Greater Noida. (08 May 2021). Session Chaired

“Chaotic Biogeography Based Optimization” at Amity Institute of Information Technology, Amity University, Noida. (07 May 2021). Invited Lecture

“Vulnerability of Baptista Chaotic Cryptosystem” at International Conference, ICAA, Nepal. (09-11 April 2021). Invited Lecture

“Leelavati”, FDP on Teaching Learning and Assessment. (15-25 March 2021). Invited Lecture

Nishtha Kesswani

“International Conference on Internet of Things and Connected Technologies”. (ICIoTCT) 2021 at IIT Patna. (30 July 2021). Session Chaired

“ICT Tools for Teaching and Research” at six-day online FDP at Ch. Balluram Godara Government Girls College, Sri Ganganagar. (19 January 2021). Invited Lecture

“Data Communication and Networks” at Pre-Ph.D. Workshop at Jaipur National University. (5 December 2020). Invited Lecture

“Cloud-IoT Applications” at 5th International Conference on Internet of Things and Connected Technologies (ICIoTCT) 2020 at IIT Patna. (03-05 July 2020). Session Chaired

Ravi Raj Choudhary

“Machine Learning and Application” at International Conference on Emerging Technologies in Computer Engineering: Data Science and Blockchain Technology (ICETCE-2021) organized by SKIT, Jaipur. (03-04 February 2021). Session Chaired

“Image Processing” at Faculty Development Program organized by Department of Computer Science, Aryabhatta College of Engineering & Research Centre, Ajmer. (02-06 February 2021). Invited Lecture

“De-fogging Using Machine Learning Algorithm” at International Conference on Advance in Material Processing and Manufacturing Application (ICADMA 2020) sponsored by SPARC, MHRD and TEQIP-III, NIT Utrakhand. Invited Lecture



“Artificial Intelligence for Sustainability” at International Conference SUSCOM-2019 organized at Amity University Rajasthan, Jaipur, India. (26-28 February 2019). Session Chaired

Ajay Indian

“Recent Trends and Issues” at International Conference on Computational Techniques (ICCT-2021) organized by Department of Computer Science and Engineering, Invertis University, Bareilly in association with C.S.I. Allahabad chapter. (22-23 January 2021). Session Chaired

"Foundation of CNN and its Applications in Image Processing" at International e-Conference-Advanced Computing Technologies (ACT -2021), organized by Department of Computer Applications, Invertis University, Bareilly, (15-16 January 2021). Session Chaired

"E-Contents Creation Using Google Tools" at one-week Reskilling Program of Teachers on E-Content Creation, organized by Internal Quality Assurance Cell, Dr. Rammanohar Lohia Avadh University, Ayodhya. (02-07 December 2020). Invited Lecture

"Using Open Source Software for Enhancing the E-contents" at one-week Online Faculty Development Program on "ICT Learning and E-content Development" organized by Dr. Rammanohar Lohia Avadh University, Ayodhya. (23 July 2020). Invited Lecture

“ICT and its Role in New National Education Policy” at one-week Faculty Development Program, organized by Internal Quality Assurance Cell, Dr. Rammanohar Lohia Avadh University, Ayodhya. (2 April 2020). Invited Lecture

Krishna Kumar Mohbey

“Contemporary Issues with Cyber Technology” at International Webinar on Government Nehru P G College Dongargarh, Rajnandgaon C.G. (09 June 2021). Keynote Speaker

“Data Analysis using R”, at one-week AICTE-ISTE Induction/Refresher Programme on Data Science in Engineering Applications at Anurag Group of Institutions Hyderabad. (19 March 2021). Invited Lecture

Gaurav Meena

“Application of AI & Machine Learning” at Faculty Development Program organized by Department of Computer Science, Aryabhatta College of Engineering & Research Centre, Ajmer, India. (02-06 February 2021). Invited Lecture



“Machine Learning and Application” at International Conference on Emerging Technologies in Computer Engineering: Data Science and Blockchain Technology (ICETCE-2021) organized by SKIT, Jaipur. (3-4 February 2021). Session Chaired

“ICT in Research, Teaching Learning (ICTRTL-2020)” at Technical Education Quality Improvement Program (TEQIP- III) organized by the Department of Applied Sciences Humanities, Engineering College, Ajmer. (7-11 September 2020). Invited Lecture

“Emerging Technologies in Computer Engineering: Machine Learning and Internet of Things” at 3rd International Conference (ICETCE), Jaipur, India. (07-08 February 2020). Invited Lecture

“Artificial Intelligence for Sustainability” at International Conference SUSCOM-2019 organized at Amity University Rajasthan, Jaipur, India. (26-28 February 2019). Session Chaired

“Information Security in Present Scenario” at two-day National Seminar on Statistical Computing for Humanities First Working Group Meeting of SNH (Statistical Network for Humanities) organized by Rajasthan Statistical Association, University of Rajasthan. (16-17 February 2019). Invited Lecture

Department of Culture and Media Studies

Anoop Kumar

“Understanding Fake News and its Preventive Measures” in National Webinar, Department of Visual Communication, Nehru Arts and Science College, Coimbatore. (31st May 2021). Invited Lecture

“Qualitative Data Analysis” in a four-week Research Methodology Workshop for Ph.D. Scholars, School of Social Sciences, Central University of Rajasthan. (20th January 2021). Invited Lecture

“Approaches in Qualitative Research” in a four-week Research Methodology Workshop for Ph.D. Scholars, School of Social Sciences, Central University of Rajasthan. (19th January 2021). Invited Lecture

“FGD – An In-depth Qualitative Technique” in one-week FDP on 'Research Methodology and Statistical Analysis', Dr. B.R. Ambedkar University of Social Sciences, Mhow MP and Institution's Innovation Council-IIMT College of Management, Greater Noida, U.P. (18th December 2020). Invited Lecture



“Video Lecture Recording (screen & face recording): OBS Studio Basic Video Editing: OpenShot Video Editor” in one-day Orientation Session on Digital Teaching and Learning, Digital Learning Technology Support Centre (DLTSC), Central University of Rajasthan. (13th July 2020). Invited Lecture

Neeru Prasad

“Research Design” in a four-week Research Methodology Workshop for Ph.D. Scholars, School of Social Sciences, Central University of Rajasthan. (22nd January 2021). Invited Lecture

Nicholas Lakra

“Dimensions of Research & Research Paradigm: Epistemology, Ontology, Axiology” in a four-week Research Methodology Workshop for Ph.D. Scholars, School of Social Sciences, Central University of Rajasthan. (12th January 2021). Invited Lecture

Pranta Pratik Patnaik

“Masculinities in Indian Media” in Online Lecture Series, Department of Sociology, Kamala Nehru College, University of Delhi. (10th March 2021). Invited Lecture

“Doing Literature Review” in a four-week Research Methodology Workshop for Ph.D. Scholars, School of Social Sciences, Central University of Rajasthan. (14th January 2021). Invited Lecture

“Beyond Stereotype: Gender in Indian Media” at Tata Institute of Social Sciences, Tuljapur Campus, Maharashtra. (5th December 2020). Invited Lecture

“Status and Role” a live video lecture on PM eVidya Channel 12 of Ministry of Education, Govt. of India, National Institute of Open Schooling (NIOS), New Delhi. (13th October 2020). Invited Lecture

“Gender, Cinema, and Visual Culture in India” in a National Webinar, Department of Fine Arts, KL University, Andhra Pradesh (30th September 2020). Keynote Speaker

“Feminism and Cultural Studies” in a five-day short term course on Cultural Studies under the aegis of Daath Voyage: An International Journal of Interdisciplinary Studies in English. (18th September 2020). Invited Lecture

“Cultural Studies” in a lecture series on ‘Contemporary Critical Theories’ under the aegis of Daath Voyage: An International Journal of Interdisciplinary Studies in English (4th & 5th September 2020). Invited Lecture



Department of Economics

Hemlata Manglani

“Impact of COVID-19 on Global and Indian Economy, two-day multidisciplinary International Web Conference on “Growth and Environment in the Challenging Times: The Strategies Ahead” organized by IQAC and Department of Economics of Arts, Commerce and Science College, Lanja (4-5 August 2020), Invited Lecture

Pramod Kumar Naik

“Irrational Investor Sentiment and Stock Market Return: a Quantile Regression Approach” presented in IIF International Research Conference and Awards Summit Indian Institute of Finance (co-authored with Yamini Yadav). (29-31 January 2021). Invited Lecture

“Effect of Price Change on Volume and Volatility: An Empirical Evidence from the Indian Stock Market” presented in the Web-based two-day Research Seminar on “Current Issues and Policy Option in Financial Markets” jointly organised by the National Institute of Securities Markets and The Indian Econometric Society (co-authored with Tapas Kumar Sethy) (26-27 August 2020). Invited Lecture

Pragati Jain

“Women Entrepreneurship across Nations: Determinants and Differences” at “International Conference on “Envisioning Business for A Better Tomorrow” organized by Jaipuria Institute of Management, Jaipur. (18-20 February 2021). Invited Lecture

Department of Education

Anjali Sharma

“Life Skills: Why ?.....Shaping Behavior And Building Self” at SDP On Developing Life Skills, Department of Education (B.Ed.) M D D M College (A Constituent Unit) B. R. A. Bihar University, Muzaffarpur (3 June 2021). Invited Lectures

“Pedagogical Innovation as per direction NEP2020” at mentors Meet, SSIP Centre, Veer Narmad South Gujarat University, Surat Gujrat, and Research for Resurgence Foundation (RFRF), Gujrat (30 April 2021). Invited Lectures

“Qualitative Research: Tool Development “at one-Week Workshop on Research Methodology organized by Department of Teacher Education, Nagaland University (A Central University), Kohima, Nagaland (Feb 26, 2021). Invited Lecture

“Problems of Elderly People and Suggestive Solutions” at one-day Webinar on Anandam Day Celebration 2020, Nathdwara Institute of Biotechnology & Management, Mohanlal



Sukhadia University, Udaipur, Govind Guru Tribal University, Banswara & Prajapita Brhamkumari Ishwariya University, Mount Abu. (7 December 2020). Invited Lecture

“Understanding Blooms Taxonomy and its application in Chemistry” at the CBSE Online Training Session, Centre of Excellence, Prayagraj (21 Oct 2020). Invited Lecture

“CHEMISTRY (XI-XII) - Innovative Pedagogy in Chemistry- Experiential learning in Chemistry” at CBSE Online Training Session, Centre of Excellence, Prayagraj (Sept 23, 2020). Invited Lecture

“Designing Pedagogical Treatment for Any Science Topic and Designing Learning Activities” at Fifth National Webinar Lecture Series, Department of Education, Sambalpur University Odisha. (Sept 28, 2020). Invited Lecture

“Research Tools and Analysis” at five-day National Level Online Orientation Programme on Research method in Social Science: Reflection about Critical Aspects, Tripura University (A Central University). (Sept 2, 2020). Invited Lecture

Gobind Singh

“Constructive Approach: Self – learning and Peer Learning Strategy, Collaborative Strategy and Inquiry”, at Fifth National Webinar Lecture Series (18th Sep to 29th Sep) organised by P.G. Department of Education, Sambalpur University, Odisha, India (23 September 2020), Invited Lecture

“Role of Teachers in Developing Growth Mind-Set Among Learners”, at Gurudakshta-Faculty Induction Programme being organized by UGC-HRDC, KUK in collaboration with Department of Education, Kurukshetra University, Kurukshetra, India. (20 November 2020). Invited Lecture

“Role of Teachers in Developing Growth Mind-Set Among Learners”, at Gurudakshta-Faculty Induction Programme being organized by UGC-HRDC, KUK in collaboration with Department of Education, Kurukshetra University, Kurukshetra, India. (24 February 2021), Invited Lecture

“Be A Great Thinker: Be A Great Teacher”, at Gurudakshta-Faculty Induction Programme being organized by UGC-HRDC, KUK in collaboration with Department of Education, Kurukshetra University, Kurukshetra, India (15th March 2021). Invited Lecture

Sangeeta Yaduvanshi

“NPE 2020: Preparation for 21st Century Challenges” at National Webinar on “Integrated and Multidisciplinary Approach of NPE 2020: Challenges and Possibilities organised,



H.N.B.G.P.G. College, Naini, Prayagraj (U.P.) (04 September 2020). Invited lecture

“Preparation of Unit and Lesson Plan (Traditional, Activity-based and Constructivist approach) at National Webinar Lecture Series, Department of Education, Sambalpur University, Odisha (24 September 2020). Invited lecture

Rina Godara

“Guidance & Counselling” at Online Refresher Course for Teacher Educators, HRDC, Gujarat University. (15 September 2020). Invited Lecture

“Academic writing” at Department of Education, Central University of Gujarat. (26 November 2020). Invited Lecture

“Understanding Bloom's taxonomy and its application in Social Science” at Teachers Training Programme organized by CBSE cbseshiksha, Allahabad (3 November 2020). Invited Lecture

“Integration of ICT in Teaching of Social Science” at Teachers Training Programme organized by CBSE Shiksha, Allahabad (29 September 2020). Invited Lecture

“Publication Misconduct” at Indian Institute of Teacher Education, Gandhinagar. (15 June 2021). Invited Lecture

“Innovative Approaches In Commerce Teaching”, at eight-Day (14 June – 21 June 2021) Online National Level Faculty Development Programme on “How to Make Teaching-Learning Process Effective and Outcomes-Based” Christian Eminent College, Indore in association with ICAR-Indian Agricultural Research Institute (Deemed University), INDORE (Ministry of Agriculture and Farmers Welfare, India. (15 June 2021). Invited Lecture

T Sangeetha

“Digital Skills Training Programme for Prospective teachers under Skill Development Centre, BEICH, RUSA2 from 20th to 29th January, Department of Educational Technology, Bharathiar University, Coimbatore. (24 January 2021). Invited Lecture

“Assistive Technology for Children with Special Needs”, Department of Education, University of Madras, Chennai. (06 March 2021), Invited Lecture

Seema Gopinath

“Student Engagement Platform: Zoom, Google Meet” at one-day Faculty Orientation Session organized by Digital Learning Technology Support Centre, Central University of Rajasthan (13 July 2020). Invited Lecture



“Creating a Culture of Mathematics Learning” at Teachers Training Programme organized by CBSE Shiksha, Allahabad (1 October 2020). Invited Lecture

“Understanding Bloom's Taxonomy and its Application in Mathematics” at Teachers Training Programme organized by CBSE Shiksha, Allahabad (8 October 2020). Invited Lecture

“Understanding Bloom's Taxonomy and its Application in Physics” at Teachers Training Programme organized by CBSE Shiksha, Allahabad (14 October 2020). Invited Lecture

“Creating a Culture of Mathematics Learning” at IQAC Math Lecture Series organized by NSS Training College, Ottapalam under University of Calicut, Kerala (3 December 2020). Invited Lecture

“Joyful Learning of Maths-Critical and Creative Thinking in Mathematics” at Teachers Training Programme organized by CBSE Shiksha, Allahabad (6 January 2021). Invited Lecture

“Learning Management System in Higher Education” at International Multidisciplinary Webinar organized by N.V.K.S.D College of Education & Council for Educational Administration and Management (CEAM) (11 February 2021) Panelist Talk- Invited Lecture

“Techniques in Education- Technical /Digital Tools in Education” at five-day National Webinar Series organized by Tamil Nadu Teacher Education University Skill Development Centre, Chennai & Lakshmi College of Education, Gandhigram (27 May 2021) Invited Lecture

Department of Electronics & Communication Engineering

Rajan Singh

"Optimal Operation of Power System Incorporating Renewable Energy Sources" at Department of Electrical and Electronics Engineering, Sagar Institute of Research and Technology, Bhopal (27th July- 1st August 2020), Keynote speaker

"International Conference on Modern Approaches in Engineering, Science and Management (MAESM-2021)," at Bansal Institute of Engineering and Technology, Lucknow, (16-17 April 2021), Session Chair

**Kapil Saraswat**

"Circularly Polarized Antennas: Design and Analysis" by IEEE Student Branch at Government Women Engineering College Ajmer, Rajasthan (Afternoon Session, 17 March 2021) Invited Lecture

"Polarization and Band Reconfigurable Antennas for Smart Communication," in FDP on "Recent trends in communication, networking and computing paradigms" (7 - 18 September 2020) at University College of Engineering & Technology, Bikaner (Rajasthan), Invited Lecture

Department of English**Supriya Agarwal**

"Strategies in Modern Pedagogy", organized by NIT Sikkim. (17 February 2021). Invited Lecture

"Restructuring of Institutional Framework", at Teerthankar Mahaveer University, Moradabad. (8 September 2020). Invited Lecture

Sanjay Arora

"Using Humour as a Tool for Communication" in a Short Term Training Program, Govt. College, Tonk. (01-06 March 2021). Invited Lecture

"Spoken English and Communication" at Govt. Dungar College, Bikaner. (23 December 2020 -26 February 2021). Invited Lecture

"Adhering to Norms of Academic Writing", in a Short Term Training Program, BSR Govt. Arts College. (20 February 2021). Invited Lecture

"Relevance of Cohesion and Coherence in Academic Writing" in a Short Term FDP, Govt. Shakambhar PG College. (08-13 February 2021). Invited Lecture

"Methods for Teaching Language and Literature" at Govt. Arts College, Kota, (1-6 February 2021). Invited Lecture

"Breaking the Shackles of Theory" in the Seven-Day Faculty Development Program, Janardan Rai Nagar Rajasthan Vidyapeeth. (18 December 2020). Invited Lecture

"Plurality is Unity". RASE Conference (28-29 November 2020). Session Chaired

"Using Web Tools for Language Teaching and Research", at EFLU Lucknow. (5 November 2020). Invited Lecture

"English Language Skills for Competitive Purpose," at MLS University, Udaipur. (13 September 2020). Invited Lecture



“Positioning and Repositioning of Teachers in the Light of New Education Policy 2020”, at Christ University, Bangalore in collaboration with ELTAI, Solapur. (24 August 2020). Invited Lecture

‘Techniques to Enhance Grammatical Competence’, at one-week FDP program, MNIT, Jaipur. (21 August 2020). Invited Lecture

“Honing Speaking Skills for Employability”, at one-week FDP program, MNIT, Jaipur. (20 August 2020). Invited Lecture

“Honing Writing Skills for Employability”, at one-week FDP program, MNIT, Jaipur. (18 August 2020). Invited Lecture

“Blog Writing Made Easy”, at JECRC University, Jaipur. (26 July 2020). Invited Lecture

Bhumika Sharma

“Bulleh Shah: A Punjabi Poetic Voice in Sufi Tradition’ at a Webinar on Writings from Punjab: A Dive through English Translations”, organized by Gujranwala Guru Nanak Khalsa College. (12 January 2021). Invited Lecture

“Does Indian Epic Tradition Offer any Management Mantra?” at online FDP on Indian Ethos in Management, organized by the Central University of Rajasthan. (11 January 2021). Invited Lecture

“Indian Writing in English: A Historical Overview”, at Kanoria PG Mahila Mahavidyalaya, Jaipur. (24 December 2020). Invited Lecture

“Works on Louise Gluck”, at ELTAI webinar series. (22 November 2020). Invited Lecture

“Development of American Literary Tradition: A Historical Overview”, at Thiruvalluvar University Constituent College of Arts & Science, Tamil Nadu. (24 October 2020). Invited Lecture

One-Week Online National Workshop, Gaya College of Engineering. (02 October 2020). Invited Lecture

“The Language of Feminine across Culture” at an International Conference on Gender Studies, organized by The Cape Comorin Trust and Lavendar Literary Club. (16-18 September 2020). Invited Lecture

Neha Arora

“Our History Too Matters: Re-writing History”, organized by DAATH VOYAGE Lecture Series, (03 November 2020). Invited Lecture



“Re-Thinking the Postcolonial: Texts and Contexts”, organized by New Literaria Journal and Assam University, (25 September 2020). Session Chaired

“Environment, Literature & Culture”. (11 September 2020). Session Chaired

“Breaking Barriers, Creating Milestones”, at an International Webinar on Suffering Surface on Women Empowerment, NAAS College, Madurai Kamaraj University. (2 September 2020). Invited Lecture

Devendra Rankawat

“Formalism” in Faculty Development Program on Contemporary Literary Theory organized by RASE and M.V.S College, Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur. (19 December 2020). Invited Lecture

“Plurality in Unity” organized by RASE. (28-29 November 2020). Session Chaired

Ved Prakash

“Theorising Life Writing” in Refresher Course in English: Language and Literature organized by Department of English and Foreign Languages, UGC-HRDC, Bharathiar University, Coimbatore, Tamilnadu. (14 December 2020). Invited Lecture

“The Jazz Age and the Question of Race” organized by the Department of English, Daulat Ram College, University of Delhi. (9 September 2020). Invited Lecture

Department of Environmental Science

Rajesh Kumar

"Climate Change & its Impact on glaciers" under the expert lecture series to enhance the cognizance about the various aspects of sustainable development organised by Centre for Sustainable Development, Mahatma Gandhi Central University, Motihari, Bihar. (19 June 2021). Invited Lecture

"Environmental and Natural Disasters" National Webinar on Environmental and Natural Disasters organised by ST. Wilfred's Institute of Engineering & Technology, Ajmer. (11 June 2021). Invited Lecture

"Changing Climate Impacts and need to Restore our Ecosystem" in a webinar on 'Ecosystem Restoration – Creating a Good Relationship with Nature' organised by the Institute of Town Planners, India (ITPI), New Delhi. (5 June 2021). Invited Lecture

"Climate Change and its impact on glaciers" in a Refresher Course (9 March 2021 to 22 March 2021) on Environmental Studies organised by Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), Ministry of Education, and the



Department of Environmental Science, Central University of Kerala. (15 March 2021).
Invited Lecture

"Trend of Climate & impacts on Environment- The role of Technology & Management" in
"National Conference on Recent Trends in Engineering & Management" organised by ST.
Wilfred's Institute of Engineering & Technology, Ajmer. (04 March 2021). Invited Lecture

"Climate change and its impacts on Glaciers: the role of Science and Technology" in a
webinar on National Science Day, organised by ICAR-Central Arid Zone Research Institute,
Jodhpur. (28 February 2021). Invited Lecture

"Climate Change & its Impact on Glaciers" in Four-Week Online Induction Training Program
for Faculty Members of Higher Education Institutions (HEIs) organised by Teachers
Learning Centre, Central University of Rajasthan (15 February 2021). Invited Lecture

"Natural Disaster and Mitigation" in 10th Webinar on 'Civil Defence and Disaster
Management' organised by Pacific School of law, Pacific University, Udaipur. (9 December
2020). Invited Lecture

L. K. Sharma

"Flight Planning and Data Acquisition for Drone/UAV Operations" during a Training
programme jointly organised by the National Association of Geographers, India,
Department of Geography, University of Delhi and Saudi Geographical Society, Riyadh,
Saudi Arabia (2 December 2020). Invited Lecture

Garima Kaushik

"Microbes in Environment Management: Emerging Contaminants" at National e-Workshop
on "Key Challenges and Options in Environmental Management, NITK, Surathkal,
Karnataka, India. (15-19 March 2021). Invited Lecture

"Corona Pandemic and Environmental Effects" at Government College, Kanwar Nagar,
Jaipur. (12 March 2021). Invited Lecture

"Ibuprofen Degradation by *Micrococcus Yunnanensis*: Optimisation and Exploration" at
International Webinar on Food Science & Nutrition, (27 January 2021). Invited Lecture

Ritu Singh

"Evaluation of two synthetic dyes removal from aqueous environments using modified
magnetite nanoparticles: A comparative study" in an International Conference on Recent
Developments on Materials, Reliability, Safety, and Environmental Issues, organised by
National Institute of Technology, Jalandhar. (25-27 June 2021). Invited Lecture

"Surface modified magnetite nanoparticles for dye removal: Kinetics and thermodynamics"
in an International e-Conference on Water Source Sustainability, organised by Indian Water



Resources Society (IWRS) and Department of Water Resources Development and Management, IIT Roorkee, Uttarakhand (18-20 June 2021). Invited Lecture

"Functionalisation of Magnetic Nanoparticles for Remediation of Synthetic Dyes" at International Conference on Advances in Chemical, Biological and Environmental Engineering (ICACBEE-2021) organised by Malaviya National Institute of Technology, Jaipur. (23 -24 April 2021). Invited Lecture

Shailesh Kumar Patidar

"Algae for Food, Energy and Sustainable Environmental Solutions" at Poornima University, Jaipur (04 July 2020). Invited Lecture

Department of Linguistics

Dhanapati Shougrakpam

Writing Good CV: Bridging Academic Destination, One-Day Webinar organized by Department of Social Work, School of Social Sciences, Central University of Rajasthan (26 May 2021). Invited talk

Sakshi Bhatia

Agreement processing in a language with a mixed agreement system: Evidence from Hindi, Psycholinguistics Coffee Talk Series, University of Edinburgh, Scotland (7 October 2020). Invited Talk

Preverbal Syntactic Complexity & Local Coherence Effects-Formal Approaches to South Asian Languages 11, University of Minnesota (26-28 March 2021), Conference. Keynote Talk

First South Asian Forum on the Acquisition & Processing of Language, University of Potsdam, Germany (31 August-2 September 2020). Invited Panelist

Teaching Linguistics Online Workshop organized by Field Linguistics Lab, Jawaharlal Nehru University, Delhi. (5 June 2021). Invited Presenter

Sharita Sharma

"Indian Sign Language: Towards an Accessible India" Sensitization lecture on Indian Sign Language (ISL) for faculty and staff members at Indian Institute of Technology (IIT) Tirupati as part of the Accessible India Campaign (AIC) Initiative (2 February 2021). Invited talk

Department of Mathematics

D. C. Sharma

Panel Discussion on the Implementation of National Education Policy-2020" in Higher Education Institutions at Manipal University, Jaipur (6th July 2020). Panelist



“Queuing Theory and Its Applications” during 3rd International Conference on Mathematical Modeling, Applied Analysis and Computation-2020 (ICMMAAC-20) at JECRC University, Jaipur (7-9 August 2020). Invited Lecture

“Applications of Queuing Theory” during One-day Seminar on Role of Mathematics in Engineering, Science and Technology at Manipal University, Jaipur (15 October 2020). Invited Lecture

“Machine Repairable Problem with Application” during Online Short Term training programme on Initiative for Teaching Learning Excellence in Mathematics under Gyan Ganga Programme jointly organized by Commissionerate College Education Rajasthan, Jaipur and Department of Mathematics, RajRishi College, Alwar. (3 February 2021) Key Note Speech

J.K. Prajapat

"Analytic Continuation" during Refresher Course on Mathematics and Statistics at UGC-Human Resource Development Centre, Bharathiar University, Coimbatore (24 November 2020). Invited Lecture

"Dirichlet Problem" during Refresher Course on Mathematics and Statistics at UGC-Human Resource Development Centre, Bharathiar University, Coimbatore (25 November 2020). Invited Lecture

“Ramanujan's Contribution in Mathematics” on the occasion of the 133rd birthday of Ramanujan at Gandhi Institute of Technology and Management, Bengaluru (22 December 2020). Keynote Speaker

“Session: Complex Analysis” during 35th Annual Conference of the Ramanujan Mathematical Society at Department of Mathematics, Central University of Rajasthan (29 December 2020). Session Chaired

"Certain Open Problems in Function Theory of Complex Variable" during Conference on Algebra, Analysis, and Applications at Dr. B. R. Ambedkar University, Delhi. (24 April 2021). Invited Lecture

Vidyottama Jain

“Integer Linear Programming Problems” during a one-week online short term course on Operations Research and its Applications at IIT, Delhi. (7-11 December 2020). Invited Lecture

“An Introduction to Optimization Techniques”, during an online short term training programme on Initiative for Teaching Learning Excellence in Mathematics under Gyan Ganga Programme jointly organized by Commissionerate College Education Rajasthan,



Jaipur and Department of Mathematics, RajRishi College, Alwar. (4 February 2021). Invited Lecture

Ram Kishor

“Restricted Problem of Three Bodies: An Unsolved Problem” in a National Webinar on “Tourism in Space: A Mathematical Overview at Department of Applied Sciences, Galgotias College of Engineering and Technology, Greater Noida. (03 September 2020). Keynote Speaker

“Existence and Linear Stability Analysis of Collinear Equilibrium Points in the Generalised Chermnykh-like Problem with Radiation Pressure and a Disc” during 35th Annual Conference of the Ramanujan Mathematical Society at Department of Mathematics, Central University of Rajasthan. (28 December 2020). Contributed talk

“Session: Modeling, Dynamical System and Cosmology” at the 35th Annual Conference of the Ramanujan Mathematical Society, Department of Mathematics, Central University of Rajasthan (28 December 2020). Session Chaired

Jai Prakash Tripathi

“Multistrain Epidemic Model with Applications to COVID-19 Pandemic” at Faculty Development Program on Mathematical Perspective of Epidemic Outbreak with special focus on COVID-19 at IIIT Bhagalpur. (18-22 March 2021). Invited Lecture

“Mathematical models and their Application” at National Mathematics Day organized by National Council for Science and Technology Communications (NCSTC), DST, New Delhi and M.P. Council of Science and Technology, Bhopal. (22 December 2020). Invited Lecture

Vijay Kumar Yadav

“On bicategory theoretic minimal realization for a fuzzy behavior” at 35th Annual Conference of the Ramanujan Mathematical Society at Department of Mathematics, Central University of Rajasthan. (28 December 2020). Contributed talk

“Session: Fuzzy and Optimization” at 35th Annual Conference of the Ramanujan Mathematical Society at Central University of Rajasthan (12 December 2020). Session Chaired

Vipul Kakkar

“Compact Spaces” at Web-Workshop on Metric Spaces at Bhavan’s Mehta Mahavidyalaya, Bharwari, Kaushambi, U. P. (18-31 July 2020). Invited Lecture

Department of Management

Uma Sankar Mishra



“Advanced Research Methodology (eARM)” ASBM University, Bhubaneswar, Odisha (14 June - 30 June 2021). Invited Lecture

“Psychometric Analysis of consumers through Structural Equation Modelling” in the AICTE sponsored Six-Day Online Short Term Training Program (STTP) (23 February 2021). Invited Lecture

“Contemporary Topics in Marketing” organized by the Department of MBA of Ajay Binay Institute of Technology, Cuttack in association with the All India Council for Technical Education (AICTE), New Delhi. (22 – 27 February 2021). Invited Lecture

“Remodelling Business Research: Opening New Vistas” organized by Faculty of Management Studies, Mohanlal Sukhadia University Udaipur (3 -10 July 2020). Invited Lecture

Tulsee Giri Goswami

Impact of Lockdown on Domestic Violence and Measures to Tackle the Situation in National Webinar on Domestic Violence Awareness jointly organised by Government Degree College, Gosaikheda, Unnao, Uttar Pradesh and Government Kaktiya PG College, Jagdalpur, Bastar, Chhattisgarh (21 June 2020). Invited Lecture

“Gender Equality Men & Women’s Concerns in TEQIP-III Sponsored Webinar on Gender Equality & Women’s Rights” Organised by Rajasthan Technical University, Kota at Rajasthan College of Engineering for Women, Jaipur (4 July 2020). Invited Lecture

“Leadership Assessment in Five-day online FDP” on Academic Leadership in Higher Education under ATAL (AICTE) Scheme, (17-21 May 2021) Invited Lecture

“Changing Paradigms in Management and Information Technology (NCCPMIT-2021)” organized by Compucom Institute of Technology & Management, Jaipur (29 June 2021) Invited Lecture

Department of Microbiology

Pawan K Dadheech

“Impact of Climate Change on Development of Harmful Cyanobacterial Blooms: Socio-Economic and Biological Consequences” in National Conference on Impact of Climate Change on Socio-Economic and Biological Aspects of Life (ICCSEBA) organized by Department of Botany, Seth RLS Govt. College, Kaladera, Jaipur (23-24 April 2021). Invited Lecture

Pradeep Verma



“Integrated Bioprocess Development: Key to Circular Bio-economy” in International Conference on “Biotechnology for Sustainable Agriculture, Environment and Health (BSAEH-2021) organized by MNIT, Jaipur (04 - 08 April 2021). Invited Lecture

“Lignocellulosic Biomass valorization: Role of Alkali Assisted Microwave Pretreatment” in Fifth International Online Conference on Reuse and Recycling of Materials (Polymers, Wood, Paper, Leather, Glass, Metals, Ceramics, Semi-Conductors, Water, etc.) and their products (ICRM 2020) organized by MGU, Kottayam, Kerala (11- 13 December 2020). Invited Lecture

“Fifth International Online Conference on Reuse and Recycling of Materials (Polymers, Wood, Paper, Leather, Glass, Metals, Ceramics, Semi-Conductors, Water, etc.) and their products (ICRM 2020)” MGU, Kottayam, Kerala, India. (11- 13 December 2020). Session Chaired

Inshad Ali Khan

“BSL-3 facility set-up and biosafety guidance to COVID-19” at Hands-on Training and Workshop on PCR and Real-Time PCR at CSIR-IIIM, Jammu under CSIR-Skill Development Program (01-05 March 2021). Invited Lecture

Akhil Agrawal

“Intellectual Property Rights in India” at National Webinar on Intellectual Property Rights, Mandsaur University, Madhya Pradesh (4 June 2021). Invited Lecture

“Intellectual Property at Early Stage of Innovation” at Workshop on IPR, Assam University, Silchar (8-9 April 2021). Invited Lecture

“Unexpected shift in microbial communities leads to enhanced crude oil recovery” in 61st Annual Conference of Association of Microbiologists of India TERI, New Delhi (3-5 February 2021). Invited Lecture

“Intellectual Property rights- Patent Laws” at Four Weeks Online Induction Training Program for Faculty Members of Higher Education Institutions (HEIs), Central University of Rajasthan (25 January 2021). Invited Lecture

“Intellectual Property rights- Copyright and related laws” at Four Weeks Online Induction Training Program for Faculty Members of Higher Education Institutions (HEIs), Central University of Rajasthan (25 January 2021). Invited Lecture

Nidhi Pareek

“Enzyme kinetics and Enzyme isolation and purification” at Online Internship Program (OIP-2021), Indian Institute of Chemical Engineers (22-23 May 2021). Invited Lecture



“Bio-valorization of chitinous wastes employing myco-chitozymes for production of bioactive chit oligosaccharides and glucosamine” at International Conference on Biotechnology for Sustainable Agriculture, Environment and Health, The Biotech Research Society and Malaviya National Institute of Technology, Jaipur (04-08 April 2021). Invited Lecture

“Prospects of Employing Microalgae for Desalination of Industrial Wastewater” at International Conference on Water Desalination, Treatment and Management, Indian Desalination Association and Malaviya National Institute of Technology, Jaipur (19-20 March 2021). Invited Lecture

“Extraction and physicochemical properties assessment of chitin and chitosan from fish scales” at 4th International conference on soft materials, Soft Materials Research Society and Malaviya National Institute of Technology, Jaipur (13-18 December 2020). Invited Lecture

“Production of chitin: mycochitozymes for production of chitosan and chit oligosaccharides” at e-Refresher Course on Era of Biotechnology: Innovate by Learning of Advances in Biotechnology organized by the Department of Biotechnology, AKS University, Satna, Madhya Pradesh, India (3 September –28 October 2020). Invited Lecture

Deeksha Tripathi

Fungal Diseases: An emerging threat to human health; in a One-Day Guest Lecture organized by Botany Department and IQAC of Government Nehru PG College, Dongargarh, Rajnandgaon, Chattisgarh (29 May 2021). Invited Lecture

Vijay K. Verma

“Four-week induction training program” for teachers of higher education institutions under the scheme of Pandit Madan Mohan Malviya National Mission on teachers and teaching (PMMMNTT), organized by Teaching Learning Centre, Central University of Rajasthan (20 January - 16 February 2021). Coordinator

Department of Pharmacy

Amit Kumar Goyal

“Nanoparticle-Based Drug Delivery System”, AICTE sponsored short term training program organized by Department of Pharmaceutical Sciences and Technology, Maharaja Ranjit Singh Technical University, Bhatinda, Punjab. (26-30 October 2020). Invited Lecture

Kaisar Raza

“Current Trends and Challenges in Pharmaceutical Sciences”, two-day National Conference sponsored by GUJCOST, organized by Nootan Pharmacy College, Visnagar, Gujarat. (02 - 03 April 2021). Invited Lecture



“NEP 2020 Inculcating Research Culture in Teaching and Learning Process”, one-week online FDP at Central University of Rajasthan (22-26 February 2021). Coordinator

“Current Scenario in Advancements of Pharmaceutical Education and Research: Challenges and Prospects”, at International conference (SVPCON-2020) organized by Swami Vivekanand College of Pharmacy, Bhopal, Madhya Pradesh. (29-31 December 2020). Invited Lecture

“Traditional Medicine Systems: their relevance and importance in health care systems of today and tomorrow” organized by ST. Andrew’s College, Gorakhpur, Uttar Pradesh. (02- 03 July 2020). Invited Lecture

Umesh Gupta

“Applications of Rheometer in Pharmaceutical Sciences, (Rheological Parameters: Role in Drug Delivery Formulations)”, organized by National Institute of Pharmaceutical Education and Research (NIPER) – Rae Bareli, Lucknow, Uttar Pradesh (22 June 2021). Invited Lecture

“Interplay between Health Wellbeing, Environment and Community Pharmacy”, AICTE sponsored a one-week short term training program, organized by Sagar Institute of Research & Technology-Pharmacy, Sagar, Madhya Pradesh (26 April - 01 May 2021). Invited Lecture

“Advances in Pharmaceutical Formulations and Regulatory Pathways Globally for Small Molecules, Medical Devices & Biologics (Dendrimers: A Versatile Nano-carrier for Drug Delivery and Targeting)”, AICTE sponsored short term training program organized by Department of Pharmaceutics and Regulatory Affairs, Shri Vishnu College of Pharmacy (Autonomous), Bhimavaram, West Godavari District, Andhra Pradesh (22 - 27 February 2021). Invited Lecture

Department of Physics

Manish Dev Shrimali

“An online 8th two-Week Refresher Course in Basic Science (Interdisciplinary)” organized by the UGC-HRDC, Jamia Millia Islamia, New Delhi (10-23 September 2020). Invited Lecture

Ajit K. Patra

“Highly Anisotropic Magnetic Thin Films for Spintronics Applications” in the 3rd Workshop cum course (Self-financed) on “Advanced Materials and Instrumentation Based Engineering” organized by the Department of Applied Sciences, Indian Institute of Information Technology, Allahabad (16-20 April 2021). Invited Lecture



“Magnetic Thin Films with Perpendicular Magnetic Anisotropy” and “Novel Heusler Alloys: Structure and Magnetic Ground State” in the (online) refresher course in Physics organised by the UGC-HRDC Sambalpur University, Odisha (10-23 February 2021). Invited Lecture

“Magnetic thin films for MEMS Applications” in the TEQIP sponsored one-week short-erm course in (online) mode on “Recent Advances in Optical and Magnetic Materials” organized by National Institute Technology, Uttarakhand (14–18 December 2020). Invited Lecture

“Epitaxial Mn-Ge thin Films with Perpendicular Magnetic Anisotropy” in the Webinar on Magnetism and Magnetic Materials (MMM-2020), organized by the Department of Physics, Pondicherry University, Puducherry (23-24 November 2020). Invited Lecture

Department of Statistics

Deepesh Bhati

“Test for Positive Quadrant Dependence” in International Virtual Conference on Advanced Statistical Techniques in Business and Industry, A Regional Virtual Conference of International Society for Business and Industrial Statistics (ISBIS) organized by Department of Statistics, Cochin University of Science & Technology, Kerala, India (28 -30 December 2020) - Invited Lecture

“On the Generalized Bell Family of Distributions with Actuarial Applications” in Sixth International Conference on Statistics for Twenty-first Century-2020 organized by University of Kerala (ICSTC-2020) (16-19 December 2020). Invited Talk

“A New Family of Count Distribution Generated from Polynomials” in National e-Conference on Recent Advances in Applied Statistics (NCRAAS-2021) organised by Punyashlok Ahilyadevi Holkar Solapur University, Solapur (24 April 2021) – Invited Talk

“A new count distribution using Polynomial number with Actuarial number” in 4th National conference on Statistics for Science, Social Science, and Humanities, University of Rajasthan (1-2 March 2021) –Invited Talk

Jitendra Kumar

“Study the Trend Pattern and Prediction of COVID-19 using Spline-Based Time Series Model: A Bayesian Paradigm” at Sixth International Conference on Statistics for Twenty-first Century-2020 (ICSTC-2020) organized by the Department of Statistics, the University of Kerala in association with American Statistical Association (ASA) and Kerala Statistical Association (KSA) held virtually. (16-19, December 2020). Invited Talk

“Bayesian Analysis of Multiple-Regimes Threshold Autoregressive Model with Multiple Structural Breaks” at 4th National conference on Statistics for Sciences, Humanities and



Social Sciences (NCSHS-2021) at the Department of Lifelong Learning, University of Rajasthan, Jaipur (March 01- 02,2021). Invited Talk

“Data handling skills: A key of success in career” for the students of SKNU, organized by Career Development Centre, Directorate of Students Welfare, Sri Karan Narendra Agriculture University, Jobner, Jaipur, Rajasthan (30 June 2021). Invited Talk

Sanjay Kumar

“Modified predictive ratio and product type estimators under non-normality” at the 4th National Conference organized by the Rajasthan Statistical Association & Department of Lifelong Learning & Department of Statistics”, University of Rajasthan, Jaipur (1-2 March 2021). Invited Talk

“Statistical Tools and Techniques for Analysis of Agricultural Data for the Teachers and Scientists of SAUs” at National Level Refresher Course organized by AAREM in collaboration with the Department of Mathematics and Statistics, CCSHAU, Hisar (8-28 July 2020). Resource Person

Mahendra Saha

“Parametric inference of the loss based index Cpm for normal distribution” at the 4th National Conference by Rajasthan Statistical Association, University of Rajasthan (1-2 March 2021). – Invited Talk

Department of Sports Biosciences

Neha Singh

“Detection and identification of secondary metabolites and extracts from medicinal plants and their application in Indian traditional medicine” at Singapore-MIT Alliance for Research and Technology, DiSTAP, Singapore (10 December 2020). Invited Lecture

Hemanth Naick Banavath

“Role of miRNA in mitochondrial biogenesis” Dr. Buddolla’s Institute of Life Sciences, Tirupati. Invited Lecture

Sunil G Purohit

“Training and recovery aspects during competition period” organized by the Wushu Association of India. (5 December 2020 - 5 January 2021). Invited Lecture

“Monitoring of Sports Training,” Coach Development Program organized by LJ Institute of Sports Management. (23 October -7 November 2020). Invited Lecture

Department of Yoga

Sanjib Kumar Patra



“Immune boosting through Yoga” at Department of Yoga, MDS University, Ajmer (7 June 2021). Invited Talk

“Yoga as Immune booster” at Lakulis University, Ahmadabad, Gujarat (21 June 2021). Invited talk

“Stress management and Yoga” at KIITS University, Bhubaneswar, Odisha (22 June 2021). Invited talk

“Yoga and Immunity” at Homeopathy College, Bhubaneswar, Odisha (22 June 2021). Invited talk

“Spirituality in Ancient Science and Modern Science” at Mangalore University, Karnataka (21 June 2021). Invited talk

Kashinath G Metri

“Integrative Approach to Management of Polycystic Ovarian Disease (PCOD)” International webinar organized by the American Academy of Yoga and Meditation (14 April 2021). Invited talk

“Yoga and Women's Health” International webinar organized by American Academy of Yoga and Meditation (26 June 2021). Invited talk

“Yoga-an evidence-based Medical Science” National Webinar organized by AVS Ayurveda Mahavidyalay, Vijayapura, Karnataka (20 June 2021). Invited talk

“Potential Role of Yoga in Immune Modulation and Mental Health Promotion” organized by Indira Gandhi National Tribal University Amarkantak (M.P.) (16 June 2021). Invited talk

“Yoga for Prevention and Management of Cardiovascular Disease” at National Webinar organized by Kalinga Institute of Industrial Technology (22 June 2021). Invited talk

Conference/Workshop/Seminar Presentation

Department of Atmospheric Science

Jayanti Pal

“Tropical Cyclone Category using Artificial Neural network over North Indian Ocean” in the National Virtual Symposium (TROPMET-2020) on Weather and Climate Services over Mountainous Regions jointly organized by the North Eastern Space Applications Centre & Indian Meteorological Society, (Shillong Chapter). (14 – 17 December 2020).

"Recent changes in different modes of Indian Ocean in warming climate" in International virtual Conference on "EARTH'S CHANGING CLIMATE: Past, Present & Future" organised by



the Society of Earth Scientists and Co-organized by Birbal Sahni Institute of Palaeosciences, Lucknow, Indian Institute of Tropical Meteorology, Pune, National Centre for Polar and Ocean Research, Goa, National Institute of Disaster Management, Delhi and National Institute of Advanced Studies, Bengaluru. (15-17 October 2020).

Department of Biochemistry

Dhaneswar Prusty

“Understanding the biochemical features of apicoplast RNA polymerase of Plasmodium falciparum and its implication for antimalarial drug development” presented a poster at 20th Young Investigator Meeting, organized by India Bioscience, Mahabalipuram, Tamil Nadu (14-18 February 2021).

Department of Commerce

Neha Seth

“Analysing Causal relationship between Green Indices and Sensex: A study of Indian Stock Market” at International Management Conference, Centre of Management Studies, Jamia Millia Islamia University, New Dehi (21-24 May 2021).

Ruchita Verma

“Analysis of Dynamic Relationship among Indian Sectoral Indices: Evidence from the ‘First 100 days’ of Covid-19 Pandemic” at International Management Conference: IIM, Bodh Gaya, Bihar. (23-24 April 2021).

“Cryptocurrency market anomaly: The day-of-the-week effect” at IIF International Conference and Summit August 2020, New Delhi (2020, August 29).

“Random walk hypothesis for cryptocurrency market: An empirical test” at 3rd ICDE & 14th Annual ISDSI Conference 2020, IIM Raipur (2020, December 19-20).

Sushila Kumari Soriya

“Profitability Measures of MSMEs: Evidence from Stock Exchanges at India” at International Conference on Sustainable Business Management Practices and Social Innovation, SRDC – Vidhyanidhi CMS, Jain (Deemed-to-be University), Bangalore (30 January 2021). Paper presentation

“Analyzing the Integrated Reporting disclosures of Indian listed companies” at Second International Conference (NIC’2021), School of Management and Liberal Studies, North Cap University, Gurugram (26 March 2021).

**Sanjay Kumar Patel**

“Dynamics of Corporate Environment Disclosure and Financial Performance: The Case of Carbon Footprints” at National Conference, Sustainable Development and Business: Managing Organisations of Tomorrow, PGDAV College and Department of Commerce, University of Delhi (18 August 2020).

Department of Culture and Media Studies**Anoop Kumar**

“Spread of Infodemic and Disinfodemic: A qualitative content analysis of Covid-19 related mis/disinformation debunked by Alt News” at the National E-Conference on “Communication during Covid-19 Pandemic: Prospects and Challenges”, School of Mass Communication, IMS Unison University, Dehradun (10 October 2020).

“Understanding fake news, misinformation, and disinformation: A literature review” (co-authored by Dr. M. Shuaib Mohamed Haneef) at International Trans-Disciplinary E-Conference on “Crafting the Contours of Mass Media for New India: A Global Perspective”, Department of Mass Communication, Rajiv Gandhi University, Arunachal Pradesh (2-3 November 2020). (Bagged the Paper Presentation Award).

“Navigating through COVID-19 Infodemic and Disinfodemic: Surviving with the help of fact-checking, MIL approach and technology-based solutions” at the online International Conference on “How to survive within the information flood around COVID-19”, Faculty of Social Sciences at Charles University in Prague (25 May 2021).

Nicholas Lakra

“Illegal immigrants and religious identity conflict in Indian News Debate” (as co-author) in an online International Conference on Discourse and Communication as Propaganda, Saint Louis University, Brussels, Belgium (8 September 2020).

Department of Computer Science and Engineering**Gaurav Somani**

“DDoS attack solution space in cloud environments”, in a Workshop held on ‘Cyber Security’, organised by AICTE-ISTE, LNMIIT Jaipur (9 April 2021).

“Cloud Security”, Refresher Workshop on “Mobile Security, Cloud Computing Security Challenges: Trends and Future Directions”, organised by AICTE-ISTE, AVPTI-Rajkot, Gujarat (15 December 2020).

Muzzammil Hussain

“Fog Computing: A review of Architecture, Applications and Challenges” in 2nd International Conference on IoT, Social, Mobile, Analytics & Cloud in Computational Vision



& Bio-Engineering (ISMAL-CVB 2020), sponsored by SSRN and organized by St. Mother Theresa Engineering College, Thootukudi, Tamil Nadu (30 October 2020).

Department of Computer Science

Nishtha Kesswani

"Location privacy preservation in IoT based networks" at 6th International Conference on Computers, Management and Mathematical Sciences, 2020 held at North Eastern Regional Institute of Science and Technology, Arunachal Pradesh (22-23 November 2020).

Ajay Indian

"Off-line Handwritten Hindi Character Recognition using Deep Learning with Augmented Dataset", at online International Conference, ICCUDE2020 (09-10 October 2020).

"The Relevance of Open-source Software Tools for Developing Effective E-content," Relevance of Veda, Science & Technology in COVID-19, online National Conference, organized by Department of Computer Science, Faculty of Technology, Gurukula Kangri Vishwavidyalaya (A Centrally Funded Institution), Haridwar, Uttarakhand (31 July 2020).

Department of Economics

Pramod Kumar Naik

"Irrational Investor Sentiment and Stock Market Returns: A Quantile Regression Approach" presented in IIF International Research Conference and Awards Summit. Indian Institute of Finance (co-authored with Yamini Yadav) (29-31 January 2021).

"Effect of price change on Volume and Volatility: An Empirical Evidence from Indian Stock Market" presented in the Web-based two-day research Seminar on "Current Issues and Policy Option in Financial Markets" jointly organized by the National Institute of Securities Markets and The Indian Econometric Society (co-authored with Tapas Kumar Sethy) (26-27 August 2020).

Pragati Jain

"Women Entrepreneurship across Nations: Determinants and Differences" at "International Conference on "Envisioning Business for a Better Tomorrow" organized by Jaipuria Institute of Management, Jaipur (18-20 February 2021).

Department of Education

Anjali Sharma



“Challenges & Mental health of the students related to Online Teaching: A survey” at three day online International Conference on Challenges and Opportunities of Online Teaching-Learning during COVID-19 Pandemic, Institute of Professional Studies, Gwalior (M.P.), All India Association for Education Research (AIAER) & International Forum of Researchers in Education (IFORE) (16-18 July 2021). Paper Presented

“Growth mindset Pedagogy: Attitude Building with Metacognition” at Two days International Conference on Road map for humanities and Social Sciences in STEM higher Education, Department of Humanities and Social Science, IIT Jammu (19-20 March 2021). Paper Presented

“Technology in Education: Developing e-Content to enhance Learning Agility” at 4th National Teachers’ Congress on National Education Policy 2020: Opportunities Unlocked, MIT World Peace University, Pune (15-17 December 2020). Paper Presented

Narendra Kumar

“Review of New Education Policy 2020 in reference of Indian Higher Education” in the 4th National Teachers Congress on New Education Policy 2020: Opportunities Unlocked” organized by MIT World Peace University Campus, Pune (15-18 Dec 2020). Paper Presented

“Review of the Recommendations of National Education Policies in reference of Teacher Education” in National Webinar on “Reforms in Teacher Education” organized by School of Education, NEHU, Shillong under the MHRD Scheme PMMMNMTT on (27-28 January 2021). Paper Presented

Rina Godara

“Teacher Education for the Generation Next” at one-day International E-Conference on “Teacher Education Generation Next: Perspectives, Opportunities & Challenges”, organised by Institute of Professional Excellence & Management (IPEM), Ghaziabad in collaboration with Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education (21 March 2021). Paper Presented

T Sangeetha

“Development of a Scale to Measure the Attitude Towards Online Teaching-Learning of Students at University Level” at one day International E-Conference on “Teacher Education Generation Next: Perspectives, Opportunities & Challenges”, organized by the Institute of Professional Excellence & Management (IPEM), Ghaziabad in collaboration with Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, the University of Delhi under



the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education (21 March 2021). Paper Presented

“Identification of Cognitive Failures among Prospective Teachers” at “Teacher Education in the 21st Century: Vision and Action organized by Regional Institute of Education (NCERT), Bhopal (8 -10 March 2021). Paper Presented

“Attitude Towards Online Teaching-Learning Process of Students at University Level” at two- day National Conference on “Transformation of Technology in Higher Education” organized by School of Commerce and Business Management, Central University of Tamil Nadu jointly with the School of Management of Sciences, Central University of Jharkhand, Ranchi and College of Management, SRM Institute of Science and Technology, Chennai (27-28 April 2021). Paper Presented

Seema Gopinath

“Creating a Culture of Mathematics Learning ” at 9th National Conference on Mathematics Education organized by National Council of Educational Research and Training, Regional Institute of Education, Bhopal through online mode (20-22 December 2021). Paper Presented

Kanak Sharma

“Curricular and Pedagogical Shifts in School Education, National Education Policy: 2020” in the National E-Conference on ‘New Education Policy 2020: Challenges and Perspectives organized by D.A.V. College of Education, Amritsar(26 August 2020). Paper Presented

“COVID-19 and Shift to Digital Teaching” in the International Webinar on ‘Outbreak of Covid-19 Pandemic: Challenges & the Road Ahead’ organized by Govt. Raza P.G. College, Rampur, U.P. (31 May, 2020). Paper Presented

Department of Electronics & Communication Engineering

Kapil Saraswat

“A HIS Backed Band-Reconfigurable Antenna” in IEEE Asia-Pacific Microwave Conference (APMC 2020), Hong Kong (8-11 December 2020).

“Characteristics Mode Analysis of H-Shaped Patch Antenna” in IEEE 7th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON 2020), Allahabad, INDIA (27-29 November 2020).



Department of English

Bhumika Sharma

“Echoes in Ebonics: The Indigeneity of Being Black in Zora Hurston’s “Their Eyes Were Watching God”. Presented at the International Conference on Indigenous Studies (20-22 August 2020).

Neha Arora

“Talking Life/ Writing Life: Reclaiming Aborigine Identity in Sally Morgan’s *My Place*”. Presented at an International Conference on Re-Thinking the Postcolonial: Texts and Contexts (25-27 September 2020).

“Flight from/ Fight against Sexual Colonialism in Meena Kandasamy’s *When I Hit You: Or, A Portrait of the Writer as a Young Wife*”. Presented at an International Conference on Gender Studies (16-18 September 2020).

“Ecological Crisis and the Tribal *Mantra* ‘Everything is Connected’. Presented at an International Conference on Environment, Literature, and Culture (11-12 September 2020).

Devendra Rankawat

“Remapping the Indian Novel in English,” participated in one-week online FDP in English Studies organized by Kirori Mal College, University of Delhi in collaboration with Mizoram University, Aizawl (21-25 June 2021).

“Plurality in Unity,” participated in the XVII Annual International Conference organized by RASE (28-29 November 2020).

Ved Prakash

“Dystopia, Death, and the Question of Survival,” presented at the Indian Association for Commonwealth Literature and Language Studies Annual International Conference (online) on ‘Utopias and Dystopias in Our Times’ in collaboration with Janki Devi Memorial College, University of Delhi (18-20 March 2021)

“Locating ‘Home’ through Memory: A study of the Tibetan Settlement Camp ‘Majnu ka Tila’. Presented at an International Conference on Rethinking the Politics of Memory in South Asia, Sewdsh South Asian Studies Network, Lunds Universitet, Sweden (9-10 December 2020).

Department of Environmental Science

L. K. Sharma

"Advanced geospatial technology pertinence for inland saline wet landscape: A case study of Asia's largest saline wetland Sambhar lake" paper presented in 9th Asian Wetland Symposium 2021 (AWS21) (6 July 2021).



Department of Linguistics

Dhanapati Shougrakpam

“Brain Talk-An EEG Motor Imagery BCI for giving Non-Speaking People a Voice: A Position Paper” at the International Conference on Computing and Communication Systems (I3CS-2020) (10-11 August 2020).

“Multilingualism and the Language Education Landscape: A Social to Functional Reality” at the International Virtual Conference on ‘Language Teaching Beyond the Classroom: Issues and Perspectives’ organized by the Centre for Linguistics, School of Language, Literature & Culture Studies, Jawaharlal Nehru University, New Delhi in collaboration with the Central Institute of Indian Languages, Mysore (21-22 August 2020).

“Language Documentation and Multilingual Situation in Rajasthan: Challenges and Prospects” at the Conference “Perspectives on Indigenous Minority Linguistic Groups: Issues, Challenges, and Prospects” organized by the Department of Linguistics, University of Kashmir (26-27 August 2020).

“Reduplication in Manipuri” at the 42nd International Conference on Linguistics Society of India, organized by the Department of English, GLA University, Mathura in collaboration with Linguistics Society of India, Pune and Central Institute of Indian Languages, Mysore (10-12 December 2020).

Department of Management

Prof. U. S. Mishra

“Higher Education in India in the Post COVID-19” delivered by Prof. Anil D. Sahasrabudhe, Chairman of AICTE, and special address by Shri Satish Chandra, IAS, Special Chief Secretary, Higher Education, Government of Andhra Pradesh. Organized by SRM University-AP, in association with India's National Newspaper, "The Hindu" (05 JUNE 2021).

“Structural Equation Modelling”, Organized by Sharada University, Delhi and IIM, Ahmadabad (28 Nov 2020 to 2 Dec 2020).

Dr. Sanjay Kumar

"Online workshop on Econometric Analysis of Time Series Data using Eviews" (2- 4 June 2021).

"Financial Econometrics using E-Views" from (13-19 July 2020).

Tulsee Giri Goswami

“Research Revisited: Reflection on Analytical Tools” organized by Faculty of Management Studies, MLSU, Udaipur (1- 7 June 2020).



“Implementation of National Education Policy 2020: Role of Faculty Members of HEIs” organized by TLC (PMMMNMTT), CURaj (4 – 8 November 2020).

“Managing for Online Teaching” organized by MNIT (TEQIP Sponsored), Jaipur (19- 23 December 2020).

“Teaching Learning and Assessment” organized by TLC (PMMMNMTT), CURaj (15- 25 March 2021).

“Academic Leadership in Higher Education” under ATAL (AICTE) Scheme (17-21 May 2021).

“Reconceive HR Practices: Post-Covid-19 Era” In 8th International Conference on Youth 2025 - ICHYDSH-21 (Envisioning Business for a Better Tomorrow) organized by Jaipuria Institute of Management, Jaipur (18 Feb 2021).

“Reconceive Leadership Post Covid- 19 Era” in 3rd ICDE & 14th ISDSI Annual Conference 2020 organized by Indian Institute of Management, Raipur (27-29 December 2020).

“Role of strategic leadership in SMEs” RMC1st Rajagiri Management Conference 2020 organized by Rajagiri Business School in association with Victoria University of Wellington, New Zealand (15-16 October 2020).

“Ram and Krishna: A Comparative Analysis of Leadership ” in International Seminar on Ram and Krishna: A Comparative Analysis organized by Shri Ram Charit Bhavan, Houston, TX, USA (15 August 2020).

Department of Microbiology

Pawan K Dadheech

“International e-Conference on Cyanobacterial and Algal Biotechnology (CAB' 2020) organized by Department of Microbiology, Bharathidasan University, Tiruchirappalli, Tamil Nadu (18-20 December 2020).

Pradeep Verma

“Tools for future Industrial bioprocessing: Fermentation and Downstream Processing” at Workshop on Fermentation Technology. E-Refresher Course, 21st Century, the Era of Biotechnology, APS University, Satna Madhya Pradesh (17-18 September 2020). Speaker of Eminence

Akhil Agrawal



"National Innovation and Startup Policy" at Innovation Ambassadors Talk, Institution's Innovation Council, Central University of Rajasthan (6 June 2021).

Department of Sports Biosciences

Neha Singh

"Modified mRNA Technology: a novel therapeutic approach for cardiac regeneration" in a one-day webinar on "Recent trends in Muscle Bioenergetics" at Dr. Buddolla's Institute of Life Sciences, Tirupati. (10 June 2020).

Sunil G Purohit

"Importance of Yoga for the Children" A Yog Shivar organized by Jwaladevi Saraswati Vidhyamandir, Gangapuri, Prayagraj. (17 June 2021).

Department of Society Technology Interface

Jaya Kritika Ojha

"Interventions, Convergence and Sustenance Strategies for Rural Producers to Cope with Challenging Times in Western Rajasthan" presented at International Virtual Conference on Entrepreneurship during Challenging Times: Strategies for Success & Sustenance, in Technical Session: Entrepreneurship in Difficult Times, organised by Entrepreneurship Development Cell, Faculty of Management Studies, Mohan Lal Sukhadia University, Udaipur (19-20 June 2021).

"Deciphering Digital Education in Post-Pandemic India through Systems Perspective" presented at 23rd National Conference on 'Rebuilding Sustainable Economy Post COVID', organised by Srusti Academy of Management and Sanskriti University, Odisha (19-20 March 2021).

"Addressing Poor Management of Common Property Resources in Thar Desert of Rajasthan: Moving towards Participatory Management and Inclusive Governance" presented at Annual e-Conference on Management, Economics and Development-2020, organised by National Institute of Technology Ro Rourkela, India (29-30 December 2020).

Wairokpam Premi Devi

"Imaginations of Genomic Innovation: Precision Medicine and National Development Plan in Singapore" presented at the 8th STS Italia Conference - Dis/Entangling Technoscience: Vulnerability, Responsibility, and Justice, Organised by STS Italia – The Italian Society for Social Studies of Science and Technology (17 - 19 June 2021).



Students Oral and Poster Presentations

Department of Atmospheric Science

Musaid, P. P., Das, S., and Panda, S. K., “Understanding Thunderstorm Frequency in India and A study on 2019 Pre-Monsoon Severe Weather Events over Jamshedpur using WRF Modelling” in International Conference on Meteorology and Climate Science 2020 (ICMCS 2020), University of Dhaka, Bangladesh. (11-12 December 2020).

Department of Chemistry

Jha, A. K., Oral Presentation titled “Degradative Dimerisation of Morita-Baylis-Hillman Ketones: Access to Methylene-bridged bis-1,3-Dicarbonyl Compounds” in First Virtual XVI J-NOST, Indian Institute of Science, Bangalore (31 October–01 November 2020).

Bhatt, S., Oral Presentation titled “Biological potency of novel copper (II) complexes having different ligand systems” in International Conference on Recent Trends in Chemistry and Environment (RTCE-2021), M. S. J. Govt. P. G. College, Bharatpur (05 March–06 March 2021) (Best presentation award).

Department of Commerce

Kirti & Seth, N., “Growth of green bond issuance: An Indian Perspective” presented in a Virtual International Conference on Role of Research in Management and Business in Current Scenario, SBIIMS Research Center & Savitri Bai Phule University, Pune (24-25 June 2021).

Sam, S., Verma, R., & Sharma, D., “Co-integration & causality between macroeconomics variables and Bitcoin: Evidence from Indian market” presented in the 2nd Annual Conference on Finance and Accounting, Prague University of Economics and Business, Prague, Czech Republic (3-4 June 2021).

Sam, S., Verma, R., & Sharma, D., “Effect of COVID-19 pandemic on the European cryptocurrency market: An event study approach” presented in the 14th Bulletin of Monetary Economics and Banking International, Bank Indonesia Institute, Jakarta, Indonesia (27-28 August 2020).

Pushpender & Soriya, S.K., “Impact of Intellectual Capital on Sustainable Financial Performance of Indian Knowledge-Intensive Industries” presented in a National Conference on Union Budget 2021-22 for Sustainable Development, Indian Institute of Management and Commerce, Osmania University, Hyderabad, Telangana, India (22 May 2021).



Rastogi, P. & Soriya, S.K., “Is Integrated Reporting associated with the performance? Evidence from Indian listed companies” presented in a National E-conference (NCABMT 2021), Mahatma Gandhi Central University, Bihar (25-26 June 2021).

Meena, A. & Soriya, S.K., “A Study of IPO Performance in India During 2015-2019” presented in a National E-conference (NCABMT 2021), Mahatma Gandhi Central University, Bihar (25-26 June 2021).

Kumari, P., & Patel, S.K. “The Cost of Climate Change: How Carbon Emission Reductions accounted for among Indian Firms” presented in an International Conference on Sustainable Development: Challenges, Opportunities, and the Future, Rajagiri Business School, Kochi, India (9-10 April 2021).

Khargarot, G. “Capitalizing rural India for reviving tourism sector during covid-19 pandemic scenario” presented in an International Tourism Conference, Encouraging Collaboration towards the Development of Creative Tourism, Udayana University, Indonesia (7 November 2020).

Hansa, “An Examination of Taxpayers' Compliance Behavior towards the Indian Tax System: Findings from a survey of Small-Scale Traders” presented in Recent Advances in Management & Technology (ICRAMT-2020), International Conference, Faculty of Management, Invertis University, U.P, India (8-9 January 2021).

Rastogi, P. “Trend of Integrated Reporting Disclosures: Evidence from Indian listed companies” presented in a national conference, Nirma University (26-27 November 2020).

Yadav, P. Investing in Mutual Funds when Returns are Predictable: An Investor's Perspective” presented in a National seminar, Astha School of Management, Bhubaneswar (24-25 September 2020).

Meena, P. “Customer Relationship Management Research from 2000 to 2020: An Academic Literature Review and Classification” presented in the 3rd ICDE & 14th ISDSI Annual Conference, Indian Institute of Management Raipur (27-29 December 2020).

Tanwar, S. “Adoption of Mobile Wallet by Merchants: Integrating TTF and UTAUT Model” presented in the International Conference on Marketing, Technology, and Society, IIM, Kozhikode (31 July 2020).

Department of Culture and Media Studies

Srivastava, A., “Media and Health Awareness in India: A Survey in Lucknow, Uttar Pradesh” in an online International Conference on Media, Communication, and Design. Jagran Lakecity University, Bhopal (25-26 June 2021).

Khare, A., “Media and Gender Stereotyping: Revising the Contours of Media Literacy” in an online National Conference on Media Literacy and Communication for Sustainable



Development. Vivekananda School of Journalism and Mass Communication, New Delhi (18 – 19 December 2020).

Sagar, “Illegal immigrants and religious identity conflict in Indian News Debate” in an online International Conference on Discourse and Communication as Propaganda, Saint Louis University, Brussels, Belgium (8 September 2020).

Department of Economics

Yadav, Y., “Irrational investor sentiment and stock market returns: a quantile regression approach” presented in IIF International Research Conference and Awards Summit (29-31 January 2021). Indian Institute of Finance. (co-author: Dr. Pramod Kumar Naik).

Department of Education

Singh, S., “Growth mindset Pedagogy: Attitude Building with Metacognition” at two- day International Conference on Road map for humanities and Social Sciences in STEM Higher Education, Department of Humanities and Social Sciences, IIT Jammu (19-20 March 2021). Paper Presented

Department of English

Mahawar, C., “Postcolonial Subtexts in Meena Kandasamy’s Poems”. Presented at an International Conference on Re-Thinking the Postcolonial: Texts and Contexts (25-27 September 2020).

Department of Environmental Science

Kumari, N., “Reductive degradation of organic dyes with chitosan functionalised nZVI using Response surface methodology (CCD)” in an Online National Conference of Emerging Trends in Water Quantity and Quality Management- III (ETWQQM-2021), Poornima University, Jaipur (22-23 April 2021).

Dar, M, A., “An overview of residual contamination and bacterial degradation of organophosphate pesticides and investigation of pesticide usage patterns and farmer’s perception on pesticide use” at Annual International Conference of the Association of Microbiologists of India and Indian Network for Soil Contamination Research (INSCR) (03-05 February 2021).

Sharma, A., “Improvement of crop production and nutrient uptake: A review” in an International Conference on Chemical, Bio & Environmental engineering (CHEMBIOEN-2020) NIT, Jalandhar (13-14 February 2020).



Department of Microbiology

Goswami, R. K., Verma P., “Microalgal heterotrophic and mixotrophic culturing: An assessment using different carbon source for biomolecules production” Poster Presentation at International Conference on “Biotechnology for Sustainable Agriculture, Environment and Health (BSAEH-2021)”, at MNIT, Jaipur (04-08 April 2021).

Department of Society Technology Interface

Shekhawat, R.S., participated in “Online session on Blockchain Technology and Cryptocurrency”, organised by the National Productivity Council, Ministry of Commerce and Industry, GoI (30 June 2021).

Raj, N., participated in a workshop on “How to Publish Open Access and Succeed with your Publication”, Taylor and Francis Group (11 May 2021).

Gautam, J., participated in a workshop on “How to Publish Open Access and Succeed with your Publication”, Taylor and Francis Group (11 May 2021).

Gandepalli, R., participated in The Guinness World Record Event – participants to take an Online Computer Programming module in 24 Hours, organised by GUVI, AICTE, NEAT, BUDDI.AI. (24-25 April 2021).



Library and Administrative Staff: Academic Endeavours

Invited Lecture/Keynote/Session Chaired

Mr. Vijay Kumar, Librarian

1. "Mendeley: A Reference Management Tool at a Refresher Course in Library and Information Science on the theme "Changing Trends in Library Services and LIS Education" in UGC-HRDC, Dr. Hari Singh Gour Vishwavidyalaya, Madhya Pradesh (4 September 2021). Invited lecture
2. "Research Ethics" in Research Methodology Workshop, School of Social Sciences, Central University of Rajasthan. (11 January- 5 February 2021). Invited lecture
3. "Library Services during Pandemic Situation" at online Refresher Course "Designing of services for Resilient Libraries in the post-Covid World", for teacher and librarians participants, Mysore University, Karnataka (19 Oct 2020), Invited lecture
4. "Strengthen the Professional Relations through Networking" at Online Refresher Course "Building a Next-Generation Academic Libraries: Perseverance and Transformations", Gujarat University, Ahmedabad, Gujarat (19 Oct 2020). Invited Lecture
5. "Web of Science: A Lifeblood tool for research Community, lecture delivered at Two days National Webinar on Research Metrics and Plagiarism" at Karnataka State Akkamahadevi Women's University, Vijayapura, Karnataka. (10-11 September 2020).
6. "Research Metrics in Academic Environment" at Online Refresher Course, Sant Gadge Baba Amravati University, Amravati, Maharashtra. (05 September 2020).
7. "Mendeley: A Reference Management Tool, lecture delivered at online lecture series (webinar) entitled Library and Information Science in the context of Changing Environment" at Dept. of LIS, Mahatma Gandhi Central University, Bihar (21 May- 6 June 2020). Invited Lecture

Conference/Workshop/Seminar Presentation

Ms. Anuradha Mittal, Public Relations Officer

1. One-day Webinar on India Universities and Institutions Network for Disaster Risk Reduction P.M 10 Point Agenda-6 organized by National Institute of Disaster Management, Ministry of Home Affairs, GoI (16 Sep 2020).
2. Online training programme on Digital Tools for Writing, Authoring, and reviewing manuscripts jointly organized by EICT Academies-MNIT Jaipur, NIT Patna and joined by IIT Guwahati (21st September 2020 to 2nd October 2020).



3. Four-week training programme on Education Administration organized by Indira Gandhi National Tribal University, Amarkantak (18th January to 16th February 2021).
4. Online Hindi Workshop organized by Rajbhasha Vibhag, Ministry of Home Affairs, Govt. of India, New Delhi and Central Hindi Training Institute (11 -15 January 2021).

Dr. Om Kumar Karn, Hindi Officer

1. Online Abhimukhi Karyakram organized by Central Hindi Training Institute, Ministry of Home Affairs, Govt. of India, New Delhi during 15-19 March 2021.



Faculty Publications

A. Journal Publications

Department of Atmospheric Science

Devesh Sharma

Mitra B., Sharma D., Kuyama T., Pham B., Islam G., Thao P. (2020), Water-energy-food nexus perspective: Pathway for Sustainable Development Goals (SDGs) to country action in India. APN Science Bulletin, 10(1). doi: 10.30852/sb.2020.1067

Kalyan S., Sharma D., Sharma A. (2021), Spatio-temporal variation in desert vulnerability using desertification index over the Banas River Basin in Rajasthan, India. Arabian Journal of Geosciences, 14, 54, doi: [10.1007/s12517-020-06417-0](https://doi.org/10.1007/s12517-020-06417-0). Impact Factor = 1.827

Mitra B. K., Sharma D., Zhou X.; Dasgupta R. (2021), Assessment of the Impacts of Spatial Water Resource Variability on Energy Planning in the Ganges River Basin under Climate Change Scenarios. Sustainability, 13, 7273. doi: <https://doi.org/10.3390/su13137273>. Impact Factor = 3.251

Chinmay Mallik

Panda S., Mallik C., Nath J., Das T., Boopathy R. (2020) A study on variation of atmospheric pollutants over Bhubaneswar during imposition of Nationwide Lockdown in India for the COVID-19 pandemic. Air Quality, Atmosphere & Health, 14, 97-108. doi: [10.1007/s11869-020-00916-5](https://doi.org/10.1007/s11869-020-00916-5). Impact Factor = 3.763

Jayanti Pal

Sarkar I., Chaudhuri S., Pal J. (2021), Artificial intelligence in forecasting central pressure drop and maximum sustained wind speed of cyclonic systems over Arabian Sea: skill comparison with conventional models. Meteorol Atmos Phys. 133, 803-822, doi: [10.1007/s00703-021-00777-2](https://doi.org/10.1007/s00703-021-00777-2). Impact Factor = 2.209

Department of Biochemistry

Sanjib K. Panda

Kar, S. Mai, H-J.,Khalouf, H., Haithem.,B.,Kurz,S., Fink-Straube, C.,Brautigam, A., Xiong, JG., Shang, L., Panda, S.K. and Bauer, P.. (2021) Comparative transcriptomics of lowland rice varieties leads to novel candidate genes for adaptive iron excess tolerance. Plant Cell Physiology, DOI: 10.1093/pcp/pcab018. Impact factor = 4.7



Yamashita H., Katai H., Ohnishi T., Morita A., Panda S. K., IKKA T. (2021) Tissue-dependent variation profiles of tea quality-related metabolites in new shoots of tea accessions. *Frontiers in Nutrition*, 8, 167. Impact factor = 6.576

Agarwal S., Regon P., Rehman M., Tanti B., Panda S.K. (2021) Genome-wide analysis of fluoride exporter genes in plants. *3Biotech*, 11(3):124. Impact factor = 2.406

Agrahari R.K., Kobayashi Y., Tanaka TST, Panda S.K. Koyama H. (2021) Smart fertilizer management: the progress of imaging technologies and possible implementation of plant biomarkers in agriculture. *Soil Science Plant Nutr.* DOI: 10.1080/00380768.2021.1897479, Impact factor = 2.389

Awasthi J., Kusunoki K., Saha B., Kobayashi Y., Koyama H., Panda, S.K. (2021) Comparative RNA-Seq analysis of the root revealed transcriptional regulation system for aluminum tolerance in contrasting indica rice of North East India. *Protoplasma*, DOI: 10.1007/s00709-020-01581-2 Impact factor = 3.356

van Beek C.R., Guzha T., Kopana N., van der Westhuizen C. S., Panda S.K., van der Vyver C.V.D. (2021) The SINAC2 transcription factor from tomato confers tolerance to drought stress in transgenic tobacco plants. *Physiol. & Mo.Biol. Plants.* <https://doi.org/10.1007/s12298-021-00996-2> Impact factor = 2.391

Mbambalala N., Panda S.K., Vyver C.V.D. (2020) Overexpression of AtBBX29 improves drought tolerance by maintaining photosynthesis and enhancing the antioxidant and osmolyte capacity of sugarcane plants. *Plant Molecular Biology Reporter*, <https://doi.org/10.1007/s11105-020-01261-8> Impact factor = 1.907

Sadhukhan A., Agrahari R.K., Wu L., Nakano Y., Panda S.K., Koyama H., Kobayashi Y. (2020) Expression genome-wide association study identifies that phosphatidylinositol-derived signaling regulates ALUMINIUM SENSITIVE3 under aluminium stress in the shoots of *Arabidopsis thaliana*. *Plant Science*, DOI: 10.1016/j.plantsci.2020.110711, Impact factor = 4.729

Regon P., Dey S., Chowardhara B., Saha B., Kar S., Tanti B., Panda S.K. (2020) Physio-biochemical and molecular assessment of Iron (Fe²⁺) toxicity responses in contrasting indigenous aromatic Joha rice cultivars of Assam, India, *Protoplasma*, <https://doi.org/10.1007/s00709-020-01574-1>, Impact factor = 3.356

Mishra S., Nag A., Panda S.K., Panigrahi J. (2020) Cross-genera amplification of *Cajanus* spp. specific SSR markers in *Clitoria ternatea* (L.) and their application in genetic diversity studies *Physiology & Mol. Biol. Plant*, 26, (12) :2371–2390, Impact factor = 2.391



Bommisetty R., Chakravartty N., Bodanapu R., Naik J.B., Panda S.K., Lekkala S.P., Lalam K., Thomas G., Mallikarjuna S., Eswar G.R., Gopalakrishna K., Swarajyalakshmi B.N., Issa K., Akkareddy S., Srilakshmi C., Hariprasad K.R., Rameshbabu P., Sudhakar P., Gupta S., Lachagari V.B.R., Vemireddy L. R. (2020), Discovery of genomic regions and candidate genes for grain weight employing Next Generation Sequencing based QTL-Seq approach in rice (*Oryza sativa* L.). *Molecular Biology Reports*, 47 (11), 8615-862, Impact factor = 2.316

Chandi C Mandal

Soni S., Torvund M., Mandal C.C. (2021), Molecular insights into the interplay between adiposity, breast cancer and bone metastasis. *Clin Exp Metastasis* 38, 119-138. Impact factor = 3.027

Shekhawat R. S., Mandal C. C. (2021), Anti-obesity Medications in Cancer Therapy: A Comprehensive Insight. *Curr Cancer Drug Targets*.doi: 10.2174/1568009621666210322122829. Impact factor = 3.428

Rana P., Shrama A., Mandal C.C. (2021), Molecular insights into phytochemicals-driven break function in tumor microenvironment. *J Food Biochem*, e13824. Impact factor = 2.725

Sharma T., Radosevich J.A., Mandal C.C. (2021), Dual Role of microRNAs in Autophagy of Colorectal Cancer. *Endocr Metab Immune Disord Drug Targets* 21, 56-66. Impact factor = 2.895

Bandyopadhyaya S., Akimov M.G., Verma R., Sharma A., Sharma D., Kundu G.C., Gretskeya N.M., Bezuglov V.V., Mandal, C.C. (2021), N-arachidonoyl dopamine inhibits epithelial-mesenchymal transition of breast cancer cells through ERK signaling and decreasing the cellular cholesterol. *J Biochem Mol Toxicol* 35, e22693. Impact factor = 3.642

Sharma T., Mandal C.C. (2020), Omega-3 fatty acids in pathological calcification and bone health. *J Food Biochem* 44, e13333. Impact factor = 2.725

Mandal C.C., Panwar M.S. (2020), Can the summer temperatures reduce COVID-19 cases? *Public Health* 185, 72-79. Impact factor = 2.427

Mandal C.C. (2020), Osteolytic metastasis in breast cancer: effective prevention strategies. *Expert Rev Anticancer Ther* 20, 797-811. Impact factor = 3.573

Bandyopadhyaya S., Ford B., Mandal C.C. (2020), Cold-hearted: A case for cold stress in cancer risk. *J Therm Biol* 91, 102608. Impact factor = 2.902



Bandyopadhyaya S., Bundel R., Tyagi S., Pandey A., Mandal C.C. (2020), Can the aging influence cold environment mediated cancer risk in the USA female population? *J Therm Biol* 92, 102676. Impact factor = 2.902

Akimov M.G., Dudina P.V., Gamisonia A.M., Gretskeya N.M., Zinchenko G.N., Mandal C.C., and Bezuglov V.V. (2020), The Influence of the Cholesterol Level in Cells on Endovanilloid Cytotoxicity. *Dokl Biochem Biophys* 493, 167-170. Impact factor = 0.7882

Vishvanath Tiwari

Solanki V., Tiwari M., Tiwari V. (2021), Immunoinformatic approach to design a multiepitope vaccine targeting non-mutational hotspot regions of structural and non-structural proteins of the SARS CoV2. *PeerJ*. 9:e11126. Impact factor = 3.0

Verma P., Tiwari M., Tiwari V. (2021), Efflux pumps in multidrug-resistant *Acinetobacter baumannii*: Current status and challenges in the discovery of efflux pumps inhibitors. *Microbial Pathogenesis*, 152, 194766. Impact factor = 3.9

Sharma S., Tiwari M., Tiwari V. (2021), Therapeutic strategies against autophagic escape by pathogenic bacteria *Drug Discovery Today* 26(3) 704-712. Impact factor = 7.9

Tiwari V. (2021), Denovo designing, retro-combinatorial synthesis, and molecular dynamics analysis identify novel antiviral VTRM1.1 against RNA-dependent RNA polymerase of SARS CoV-2 virus. *International Journal of Biological Macromolecules* 171, 358-365. Impact factor = 7

Solanki V., Sharma S., Tiwari V. (2021), Subtractive proteomics and reverse vaccinology strategies for designing a multiepitope vaccine targeting membrane proteins of *Klebsiella pneumoniae*. *International Journal of Peptide Research and Therapeutics* 27, 1177-1195. Impact factor = 1.9

Verma P., Tiwari M., Tiwari V. (2021). Strategies to Combating Bacterial Antimicrobial Resistance: a focus on Mechanism of the Efflux Pumps Inhibitors. *Springer Nature Comprehensive Clinical Medicine*. 3,510-527

Solanki V., Tiwari M., Tiwari V. (2020). Subtractive proteomic analysis of antigenic extracellular proteins and design a multi-epitopes vaccine against *Staphylococcus aureus*. *Microbiology and Immunology*, doi: 10.1111/1348-0421.12870. Impact factor = 2.0



Tiwari V. (2020), Denovo designing, retrosynthetic analysis, and combinatorial synthesis of a hybrid antiviral (VTAR-01) to inhibit the interaction of SARS-CoV2 spike glycoprotein with human angiotensin-converting enzyme 2. *Biology Open*, bio.054056. Impact factor = 2.4

Tiwari V. (2020) Novel hybrid antiviral VTRRT-13V2.1 against SARS-CoV2 main protease: retro-combinatorial synthesis and molecular dynamics analysis *Heliyon* 6(10), e05122

Kiran Kumar Tejavath

Gupta S., Kumar A., Tejavath K. K. (2021), A pharmacognostic approach for mitigating pancreatic cancer: emphasis on herbal extracts and phytoconstituents. *Future Journal of Pharmaceutical Sciences*.7, 1-29

Hemlata, Gupta S., Tejavath K.K. (2021), ROS-Mediated Apoptosis Induced by BSA Nanospheres Encapsulated with Fruit Extract of Cucumis prophetarum in Various Human Cancer Cell Lines. *ACS Omega*. 6, 15, 10383-10395. Impact Factor = 3.512

Gupta S., Kumar A., Tejavath K.K. (2021), Unfolding antifungals: as a new foe to pancreatic ductal adenocarcinoma- a mini-review. *Molecular Biology Reports*. 48: 2945–2956. Impact Factor = 2.316

Gupta S., Tejavath K. K. (2021), Phytosynthesized nanoparticle-directed catalytic reduction of synthetic dyes: beast to beauty. *Nanotechnol. Environ. Eng.* 6, 1-36.

Meena P. R., Yadav P., Hemlata H., Tejavath K. K. (2020), Singh AP. Poultry-origin extraintestinal *Escherichia coli* strains carrying the traits associated with urinary tract infection, sepsis, meningitis and avian colibacillosis in India. *J Appl Microbiol*. Oct 23. Doi: 10.1111/jam.14905. Impact Factor= 3.772

Vijay Kumar Prajapati

Prusty D., Gupta N., Upadhyay A., Dar A., Naik B., Kumar N., Prajapati V. K. (2021), Asymptomatic malaria infection prevailing risks for human health and malaria elimination. *Infection Genetics & Evolution*.;93:104987. Impact Factor= 3.342

Naik B., Mattaparthi V.S.K. Gupta N., Ojha R., Das P., Singh S., Prajapati V.K., Prusty D. (2021), Chemical system biology approach to identify multi-targeting FDA inhibitors for treating COVID-19 and associated health complications. *Journal of Biomolecular Structure and Dynamics*:1-25. doi: 10.1080/ 07391102.2021.1931451. Impact Factor= 3.310

Rajput V.S., Sharma R., Kumari A., Vyas N., Prajapati V.K., Grover A. (2021), Engineering a multi epitope vaccine against SARS-CoV-2 by exploiting its non structural and structural



proteins. Journal of Biomolecular Structure and Dynamics:1-18. doi: 10.1080/07391102.2021.1924265. Impact Factor= 3.310

Upadhyay A., Amanullah A., Joshi V., Dhiman R., Prajapati V. K., Poluri K. M., Mishra A. (2021), Ibuprofen-based advanced therapeutics: breaking the inflammatory link in cancer, neurodegeneration, and diseases. Drug Metabolism Reviews. 53(1):100-121. Impact Factor= 4.518

Kumar N., Admane N., Kumari A., Sood D., Grover S., Prajapati V. K., Chandra R., Grover A, (2021), Cytotoxic T-lymphocyte elicited vaccine against SARS-CoV-2 employing immunoinformatics framework. Scientific Reports. 11(1):7653. 6. Impact Factor= 4.379

Upadhyay A., Sundaria N., Dhiman R., Prajapati V. K., Prasad A., Mishra A. (2021), Complex Inclusion Bodies and Defective Proteome Hubs in Neurodegenerative Disease: New Clues, New Challenges. Neuroscientist. doi: 10.1177/1073858421989582. Impact Factor= 7.519

Sirohi P. R., Gupta J., Somvanshi P., Prajapati V. K., Grover A. (2020), Multiple epitope-based vaccine prediction against SARS-CoV-2 spike glycoprotein. Journal of Biomolecular Structure and Dynamics. 1-12. doi: 10.1080/07391102.2020.1846626. Impact Factor= 3.310

Kumar B. K., Faheem., Sekhar KVG., Ojha R., Prajapati V. K., Pai A., Murugesan S. (2020), Pharmacophore based virtual screening, molecular docking, molecular dynamics and MM-GBSA approach for identification of prospective SARS-CoV-2 inhibitor from natural product databases. Journal of Biomolecular Structure and Dynamics. 1-24. doi: 10.1080/07391102.2020.1824814. Impact Factor= 3.310

Ojha R., Gupta N., Naik B., Singh S., Verma V. K., Prusty D., Prajapati V. K. (2020), High throughput and comprehensive approach to develop multiepitope vaccine against minacious COVID-19. European Journal of Pharmaceutical Sciences. 151:105375. Impact Factor= 4.384

Shiv Swaroop

Mitra D., Pandey J., Jain A., Swaroop S. (2021), *In silico* design of Multi-epitope-based peptide vaccine against SARS-CoV-2 using its spike protein. J Biomol Struct Dyn. doi: 10.1080/07391102.2020.1869092. Impact factor = 3.54

Swaroop S, Vaiphei T. (2021), Potential Roles of Long Non-Coding RNAs (lncRNAs) in Stress Response Regulation. Int. J. Res. Pharm. Sci. 12 (2), 1-5.



Mallajosyula V. V., Swaroop S., Varadarajan R. (2020), Influenza Hemagglutinin Head Domain Mimicry by Rational Design. *The Protein Journal* 39, 434-448. Impact factor = 2.37

Dhaneswar Prusty

Prusty D., Gupta N., Upadhyay A., Dar A., Naik B., Kumar N., Prajapati V. K. (2021), Asymptomatic malaria infection prevailing risks for human health and malaria elimination. *Infect Genet Evol.* 93:104987. Impact Factor = 3.342

Naik B., Mattaparthi V.S.K., Gupta N., Ojha R., Das P., Singh S., Prajapati V. K., Prusty D. (2021), Chemical system biology approach to identify multi-targeting FDA inhibitors for treating COVID-19 and associated health complications. *J Biomol Struct Dyn.* 2021 Jun 1:1-25. 34062110. Impact Factor= 3.549

Ojha R., Gupta N., Naik B., Singh S., Verma V.K., Prusty D., Prajapati V.K. (2020), High throughput and comprehensive approach to develop multiepitope vaccine against minacious COVID-19. *Eur J Pharm Sci.* 1;151:105375. Impact Factor= 4.384

Dipak Gayen

Sharma P., Gayen D. (2021), Plant protease as regulator and signaling molecule for enhancing environmental stress-tolerance. *Plant Cell Reports*, 1-15. Impact Factor = 4.57

Department of Biotechnology

Pankaj Goyal

Chahar K.R., Kumar V., Sharma P. K., Brännert D., Kaushik V., Gehlot P., Shekhawat I., Kumar S., Sharma A. K., Kumari S., Goyal P. (2021), Sphingosine kinases negatively regulate the expression of matrix metalloproteases (MMP1 and MMP3) and their inhibitor TIMP3 genes via sphingosine 1-phosphate in extravillous trophoblasts. *Reproductive Medicine Biology* 20,267-276. Impact factor = 3.329

Brännert D., Kumar V., Kaushik V., Ehrhardt J., Chahar K.R., Sharma P. K., Zygmunt M., Goyal P. (2021), Thrombin impairs the angiogenic activity of extravillous trophoblast cells via Monocyte Chemoattractant Protein-1 (MCP-1): a possible link with preeclampsia. *Reproductive Biology* 21,100516. Impact factor = 2.376

Uttarilli A., Amalakanti S., Kommoju P.R., Sharma S., Goyal P., Manjunath G. K., Upadhyay V., Parveen A., Tandon R., Prasad K.S., Dakal T.C., Shlomo I. B., Yousef M., Neerathilingam M., Kumar A. (2021), Super-rapid race for saving lives by developing COVID-19 vaccines. *Journal of Integrative Bioinformatics* 18(1), 27. Impact factor = 3.32



Verma N., Srivastava S., Malik R., Yadav J.K., Goyal P., Pandey P. (2020), Computational investigation for modeling the protein–protein interaction of TasA (28–261)–TapA (33–253): a decisive process in biofilm formation by *Bacillus subtilis*. *Journal of Molecular Modeling* 26, 226. Impact factor = 1.810

A. K. Gupta

Yadav P.K., Gupta N., Verma V., Gupta A. K. (2021), Overexpression of SIHSP90.2 leads to altered root biomass and architecture in tomato (*Solanum lycopersicum*). *Physiology and Molecular Biology of Plants* 27, 713–725. Impact factor = 2.391

Dubey N.K., Gupta K., Kheni J.K., Sinam G., Tomar R. S., Shasany A. K., Kumar R., Panigrahi J., Gupta A.K. (2020), De novo transcriptome analysis of *Parthenium hysterophorus* L. and insights into its potential uses. *Journal of Research in Weed Science* 3, (4), 465-489. Impact factor = 0.98

Janmejay Pandey

Mitra D., Pandey J., Jain A., Swaroop S., (2020), *In silico* design of multi-epitope-based peptide vaccine against SARS-CoV-2 using its spike protein, *Journal of Biomolecular Structure and Dynamics*, 1-14. Impact Factor = 3.594

Verma N., Srivastava S., Malik R., Yadav J.K., Goyal P., Pandey J. (2020), Computational investigation for modeling the protein–protein interaction of TasA (28–261)–TapA (33–253): A decisive process in biofilm formation by *Bacillus subtilis*. *Journal of Molecular Modeling* 26 (9), 1-16. Impact Factor = 1.81

Goyal D., Swaroop S., Pandey J. (2020), Harnessing the Genetic Diversity and Metabolic Potential of Extremophilic Microorganisms through the Integration of Metagenomics and Single-Cell Genomics. In *Extremophilic Microbes and Metabolites-Diversity, Bioprospecting and Biotechnological Applications*. (Intech Open Publications. London - UK)

Goyal D., Vaijanapurkar M., Jacques E., Pandey J., Prakash O. (2020), The Earth's Microbiome: Significance in Sustainable Development and Impact of Climate Changes. In *Metagenomic Systems Biology*, 115-139 (Springer, Singapore)

Pandey J. (2020), Relative Influence of “Physicochemical Variables” and “Indigenous Bacterial Diversity” on the Efficiency of Bioaugmentation-Mediated *In Situ* Bioremediation. In *Bioremediation Technology*, 91-108 (CRC Press, USA)

Suman Tapryal

Singh V.K., Kumar S., Dhaked R. K., Ansari A.S., Lohiya N.K., Tapryal S. (2020), Generation of oligomers of subunit vaccine candidate glycoprotein D of Herpes Simplex Virus-2 expressed



in fusion with IgM Fc domain(s) in *Escherichia coli*: A strategy to enhance the immunogenicity of the antigen. *3 Biotech* 10 (11),463. Impact Factor = 2.45

Kumar S., Singh V. K., Vasam M., Patil P. S., Dhaked R. K., Ansari A. S., Lohiya N. K., Parashar D., Tapryal S. (2020), An in vitro refolding method to produce oligomers of anti-CHIKV, E2-IgM Fc fusion subunit vaccine candidates expressed in *E. coli*. *Journal of Immunological Methods* 487, 112869 Impact Factor = 2.3

Jain S., Bhar K., Bandyopadhyaya S., Singh V. K., Mandal C. C., Tapryal S., Sharma A.K. (2020), Development, evaluation and effect of anionic co-ligand on the biological activity of benzothiazole derived copper(II) complexes. *Journal of Inorganic Biochemistry* 210, 111174 Impact Factor = 3.3

Tarun Kumar Bhatt

Rana M., Pareek A., Bhardwaj S., Arya G., Nimesh S., Arya H., Bhatt T. K., Yaragorla S., Sharma A. K. (2020), Aryldiazoquinoline based multifunctional small molecules for modulating A β 42 aggregation and cholinesterase activity related to Alzheimer's disease, *RSC Advances* 10, 28827-28837. Impact Factor = 3.361

Jay Kant Yadav

Mittal C., Kumari A., De I., Singh M., Harsolia R. S., Yadav J. K. (2021), Heat treatment of soluble proteins isolated from human cataract lens leads to the formation of non-fibrillar amyloid-like protein aggregates. *International Journal of Biological Macromolecules* 188: 512–522. Impact Factor= 6.953

Mittal C., Yadav J. K. (2021), Disaggregation of amyloid-like protein aggregates isolated from human cataract lens. *Indian Journal of Biochemistry and Biophysics* 58, 359-365. Impact Factor= 1.918

Shalini G., Yadav J. K. (2021), Aggregation hot spots in the SARS-CoV-2 proteome may constitute potential therapeutic targets for the suppression of the viral replication and multiplication. *Journal of Proteins and Proteomics* 12: 1-13.

Schimansky A., Yadav J. K. (2021), Amyloid cross-sequence interaction between A β (1-40) and α A(66-80) in relation to the pathogenesis of cataract. *International Journal of Biological Macromolecules* 179: 61-70. Impact Factor= 6.953

Ram L., Mittal C., Harsolia R. S., Yadav J. K. (2020), Trehalose inhibits the heat-induced formation of the amyloid-like structure of soluble proteins isolated from human cataract lens. *The Protein Journal* 39, 509–518. Impact Factor= 2.317



Harsolia, R. S., Kanwar, A., Gour, S., Kumar, V., Kumar, V., Bansal, R., Kumar, S., Singh, M., Yadav J. K. (2020) Predicted aggregation-prone region (APR) in β B1-crystallin forms the amyloid-like structure and induces aggregation of soluble proteins isolated from human cataractous eye lens. *International Journal of Biological Macromolecules* 163: 702-710. Impact Factor = 6.953

Jayendra Nath Shukla

Choudhary C., Sharma S., Meghwanshi K. K., Patel S., Mehta P., Shukla N., Do D. N., Rajpurohit S., Suravajhala P., Shukla J.N. (2021), Long Non-Coding RNAs in Insects. *Animals (Basel)*. Apr 14;11(4):1118. Impact Factor= 1.66

Siva N., Gupta S., Gupta A., Shukla J. N., Malik B., Shukla N. (2021), Genome-editing approaches and applications: a brief review on CRISPR technology and its role in cancer. *3 Biotech*. Mar;11(3):146. Impact Factor= 2.5

Surendra Nimesh

Kumari R. M., Sharma N., Manchanda R., Gupta N., Syed A., Bahkali A. H., Nimesh S. (2021), PGMD/curcumin nanoparticles for the treatment of breast cancer, *Scientific Reports* 11, 3824. Impact Factor = 4.379

Yadav J., Kumari R.M., Verma V., Nimesh S. (2021), Recent development in therapeutic strategies targeting *Pseudomonas aeruginosa* biofilms - A review, *Materials Today: Proceedings* 46 (6), 2359-2373.

Sharma N., Singhal M., Kumari R. M., Gupta N., Manchanda R., Syed A., Bahkali A. H., Nimesh S. (2020), Diosgenin loaded polymeric nanoparticles with potential anticancer efficacy, *Biomolecules* 10, 1679. Impact Factor = 4.879

Kumari R. M., Kumar V., Kumar M., Pareek N., Nimesh S. (2020), Assessment of antibacterial and anticancer capability of silver nanoparticles extracellularly biosynthesized using *Aspergillus terreus*, *Nano Express* 1 (2020) 030011

Sharma N., Kumari R. M., Gupta N., Syed A., Bahkali A. H., Nimesh S. (2020), Poly-(lactic-co-glycolic) acid nanoparticles for synergistic delivery of epirubicin and paclitaxel to human lung cancer cells, *Molecules* 25 (2020) 4243. Impact Factor = 4.411

Rana M., Pareek A., Bhardwaj S., Arya G., Nimesh S., Arya H., Bhatt T. K., Yaragorla S., Sharma A. K. (2020), Aryldiazoquinoline based multifunctional small molecules for modulating A β 42 aggregation and cholinesterase activity related to Alzheimer's disease, *RSC Advances* 10, 28827-28837. Impact Factor = 3.361

Vivek Verma



Srivastava M., Verma V., Srivastava A. K. (2021), The converging path of protein SUMOylation in phytohormone signalling: highlights and new frontiers. *Plant Cell Reports*, <https://doi.org/10.1007/s00299-021-02732-2>. Impact Factor = 4.57

Verma V., Srivastava A. K., Gough C., Campanaro A., Srivastava M., Morrell R., Joyce J., Bailey M., Zhang C., Krysan P. J. and Sadanandom A. (2021), SUMO enables substrate selectivity by Mitogen-activated protein kinases to regulate immunity in plants. *Proceedings of the National Academy of Sciences, USA*, 118 e2021351118. Impact Factor = 11.2

Yadav, P. K., Gupta, N., Verma, V., Gupta A. K. (2021), Overexpression of *SlHSP90.2* leads to altered root biomass and architecture in tomato (*Solanum lycopersicum*). *Physiology and Molecular Biology of Plants* 27, 713–725. Impact factor = 2.391

Yadav J., Kumari R. M., Verma V., Nimesh S. (2021), Recent development in therapeutic strategies targeting *Pseudomonas aeruginosa* biofilms - A review, *Materials Today: Proceedings* 46 (6), 2359-2373.

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Easwar Srinivasan

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Neha Seth

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Pradeep Verma

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Jaya Kritika Ojha

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Arvind Pandey

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Extramural Funded Projects

The Central University of Rajasthan is operating the following 82 research projects during the Academic Year 2020-2021 in the various Departments. These extramural projects have been funded by various funding agencies from India as well as from foreign countries such as Department of Science & Technology, University Grants Commission, Department of Biotechnology, Council of Scientific & Industrial Research, Inter University Accelerator Centre, Indian Council of Social Science Research, Ministry of Water Resources, Asia-Pacific Network for Global Change Research (Japan). More details about the ongoing research projects are as follows:

School of Chemical Sciences and Pharmacy

Department of Chemistry

<i>DST-FIST (Level-1 category)</i>	70.5 Lakhs	2016-2021	DST, GoI
Dr. Hemant Joshi			
Synthesis of Metal Complexes of Mechanically Interlocked Molecules and their Applications	35.00 Lakhs	2018-2023	DST-Inspire Scholarship
Dr. Anuj Sharma			
Design and Synthesis of Selected Transition Metal (Fe, Ru, Rh, Ir) Complexes / Arene Complexes and investigating their Anticancer Potential	10.00 Lakhs	2018-2021	UGC
Dr. Partha Roy			
Engineering of Resilient Superhydrophobic Coating using TiO ₂ Nanostructured in combination with Ultrathin Conformal Layer of Organic Molecules	49.98 Lakhs	2019-2022	DST-SERB
Probing the Charge Transfer Mechanism in Exciplex System using lifetime Measurement	19.08 Lakhs	2019-2022	DST-SERB
Dr. Ritesh Singh			
C-H bond Functionalization to Access Bio-active Scaffolds	35 Lakhs	2015-2021	DST
Synthetic Exploration of Aza-oxyallyl cation for Rapid Access to Bio-relevant Fluorinated Scaffolds and their Biological Evaluation	54.71 Lakhs	2020-2023	DST
Bio-catalytic (Hetero) aromatic C-H Amination	19.2 Lakhs	2021-2023	DST (N-PDF)
Dr. M. Bhanuchandra			



Transition Metal-Catalyzed C-H Nitrogenation and Oxygenation of Arenes using Sulfoxides as Functionalizable Directing Groups	36.3 Lakhs	2018-2021	DST-SERB
Dr. Easwar Srinivasan			
Design of Novel Bi-functional Amine-Urea/Thiourea Catalysts for Asymmetric C-C Bond Forming applications	28 Lakhs	2018-2021	CSIR
Studies on the organocatalytic enantioselective construction of tetrahydroxanthenones	43.0 Lakhs	2018-2021	DST-SERB
Dr. Thirumoorthi Ramalingam			
Half Sandwich Organotellurium Oxides/Hydroxides: An Alternative Reagent in Organic Synthesis	9.0 Lakhs	2019-2022	CSIR
Department of Pharmacy			
<i>DST-FIST (Level-1 category)</i>	<i>61.0 Lakhs</i>	<i>2017-2022</i>	<i>DST, GoI</i>
Prof. Amit K Goyal			
Polymeric Nanostructures for Treatment of Microbial Infections	60.25 Lakhs	2019-2022	BRICS, DST, GoI
Dr. Devesh M Sawant			
Design, synthesis and characterization of multifunctional platform for targeted-tumor therapy	60.89 Lakhs	2018-2021	SERB, GoI
Dr. Kaiser Raza			
Targeted, Safe and Effective Delivery of Doxorubicin to Breast Cancer Cells by Means of Strategically-Designed Folate-Tagged Phospholipid-Based Mixed Nanomicelles	32.48 Lakhs	2017-2021	DBT, India
Multi-Functional Nanomaterial Systems for Modulation of Glycosylation in Animals	31.45 Lakhs	2018-2021	DST-Nanomission

School of Commerce & Management

Department of Management

Dr. Avantika Singh			
Assessing the Economic and Social Impact of SHG Movement in Rajasthan	10.0 Lakhs	2019-2021	ICSSR-IMPRESS

Department of Commerce

**Dr. Sushila Kumari Soriya**

Digitization enabling Delhi MSME's to Scale Up for Inclusive Growth	6.0 Lakhs	2019-2021	ICSSR-IMPRESS
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School of Earth Science

Department of Atmospheric Science

Dr. Devesh Sharma

Climate Change Impact Studies for Rajasthan (Area of Inland Drainage and Mahi basin)	30.78 Lakhs	2018-2021	INCCC, MoWR
Integrated Atmospheric-Hydrological Modeling System to Assess the Impact of Climate Change on Water Resources in the Banas River Basin, Rajasthan	23.82 Lakhs	2020-2023	DST-SERB

Dr. Subrat Kumar Panda

Investigation of Changes of Climate and its Extremes in the Different Eco-Regions of India	10.0 Lakhs	2018-2021	UGC
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Dr. Chinmay Mallik

Investigation of natural and anthropogenic hydrocarbons over arid and semi-arid regions in western India: Implications to atmospheric oxidation, agriculture and climate	30.25 Lakhs	2020-2022	DST-SERB
Understanding atmospheric ammonia near its global hotspot region	10.0 Lakhs	2021-2023	UGC

Dr. Jayanti Pal

Recent changes in Indian Ocean dipole in response to the tropical Indian Ocean Sea surface temperature patterns and its consequences	10.0 Lakhs	2020-2022	UGC
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Department of Environmental Science

<i>DST-FIST (Level-1 category)</i>	<i>80.0 Lakhs</i>	<i>2017-2022</i>	<i>DST, GoI</i>
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Dr. Shailesh Kumar Patidar

Understanding the role of quorum sensing precursors in synthetic ecology inspired algae-bacteria co-cultivation model for amelioration in lipid metabolism	28.6 Lakhs	2020-2022	DST-SERB
Contamination assessment of Lanthanides in aquatic macrophytes and acid mine drainage affected plant environment of	10.0 Lakhs	2021-2023	UGC



Rajasthan

Dr. Nivedita Chaudhary

Assessment of critical levels of ozone pollution on vegetation using biomonitoring as a tool.	10.0 Lakhs	2021-2023	UGC
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Prof. Rajesh Kumar

Study of glacio-hydrological processes at Naradu Glacier, Western Himalaya	59.4 Lakhs	2020-2023	DST
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Dr. L.K. Sharma

Stratified Forest Biomass Modeling using Hyperspectral Data	19.4 Lakhs	2017-2020	SAC (ISRO)
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School of Engineering and Technology**Department of Computer Science and Engineering****Dr. Gaurav Somani**

Victim Separation to Minimize DDoS attack Effects in Cloud Computing Environments	37.312 Lakhs	2021-2024	DST-SERB
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Department of Electronics and Communication Engineering**Dr. Milan Sasmal**

Fabrication of MOS ₂ -BSA-ZnO Nano-bio hybrid composite electronic devices for environmental monitoring.	33.16 Lakhs	2020-2022	DST-SERB
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3D printed microneedle for integrated drug delivery system	10 Lakhs	2020-2022	UGC
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Dr. Rajan Singh

Geometrically tuned diode-assisted magneto-resistance in semiconductors	10 Lakhs	2020-2022	UGC
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School of Humanities and Languages**Department of English****Dr. Sanjay Arora (Co-Investigator)**

English Skills for Employability: Empowering Engineering Students of Rajasthan in a Globalised World	15.98 Lakhs	2019-2020	NPIU (MHRD)
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School of Life Sciences**Department of Biochemistry**



<i>DBT-BUILDER level II (Group Leader: Prof Sanjib K. Panda)</i>	476.0 Lakhs	2021-2026	DBT, Gol
Prof. Sanjib K. Panda			
Whitefly (<i>Bemisia tabaci</i>) in North Eastern India. Diversity, factors of virus transmission and natural inhibitor	30.29 Lakhs	2018-2021	DBT-Twinning
Genome editing of rice for functional characterization of Arginine decarboxylase for Aluminum tolerance in acidic condition	26.00 Lakhs	2021-2024	CSIR
Dr. Tarun Bhatt			
Designing and experimental validation of Inhibitor for RecA protein of <i>Acinetobacter baumannii</i> : an addition to the current antibiotics and disinfectants	28.16 Lakhs	2018-2021	DST-SERB
Dr. Dipak Gayen			
Identification and functional characterization of novel protease for development of dehydration tolerance in chickpea (<i>Cicer arietinum</i> L.)	29.30 Lakhs	2020-2022	DST-SERB
Identification and functional characterization of chloroplast Clp protease of Chickpea (<i>Cicer arietinum</i> L) in response to heat stress	10.0 Lakhs	2021-2022	UGC
Dr. Bhawana Bissa			
Exploring non-cell autonomous functions of autophagy during metabolic reprogramming of tumor microenvironment	29.98 Lakhs	2020-2022	DST-SERB
Understanding the molecular regulation of autophagy during breast cancer metastasis	10.0 Lakhs	2021-2022	UGC
Dr. Vishvanath Tiwari			
Designing and experimental validation of Inhibitor for RecA protein of <i>Acinetobacter baumannii</i> : an addition to the current antibiotics and disinfectants	28.16 Lakhs	2018-2021	DST-SERB
Department of Biotechnology			
Dr Vivek Verma			
Dissecting the role of Small Ubiquitin-like Modifier (SUMO)ylation in regulating biotic stress responses in Pulses	40.0 Lakhs	2019-2024	Department of Biotechnology
Dr Jay Kant Yadav			
Targeting crystallin-amyloids for the	30.83 Lakhs	2018-2021	DST-SERB



development of non-invasive therapeutic strategy for treatment of age-related cataract

Dr. Tarun Kumar Bhatt

Development and screening of potential anti-malarials based on privileged scaffolds. 6.0 Lakhs 2017-2021 Rajasthan-DST

Design, Synthesis and Insilico/invitro studies of Cladosporin derivatives as potent antimalarial agents 15.95 Lakhs 2018-2021 DST-SERB

Identification and Characterization of glycyl-tRNA synthetase in Leishmania donovani. 29.37 Lakhs 2019-2022 DBT

Dr. Jayendra Nath Shukla

Identification of sex-determining signal(s) and sexual differentiation factors in the red flour beetle, Tribolium castaneum 49.0 Lakhs 2018-2021 DST-SERB

Understanding the molecular mechanism of sex-determination in yellow fever mosquito, Aedes aegypti 32.50 Lakhs 2017-2022 DBT-Ramalingaswami

Department of Microbiology

DST-FIST (Level-1 category) 45.0 Lakhs 2016-2021 *DST, GoI*

Prof. Pawan K. Dadheech

Evaluating Bioprospects of Extreme-Tolerant Cyanobacteria Inhabit Sambhar Lake of Rajasthan 8.70 Lakhs 2017-2020 DST, Rajasthan

Dr. Arvind P. Singh

Mammalian Bladder is Not Sterile: Characterizing the Cattle (Cow) Urinary Microbiome for Understanding its Therapeutic Value 40.0 Lakhs 2017-2021 SERB-DST

Dr. Akhil Agarwal

Development and demonstration of Biochemical Enhanced Oil Recovery (BcEOR) technology for marginal oil wells of western India 70.0 Lakhs 2019-2022 IMPRINT2 (Total Cost 148 Lakhs)

Development and Scaleup of Desert Soilification technology (DST) for land reclamation in western Rajasthan 33.0 Lakhs 2019-2022 DST-SSTP

Development of Biochemical enhanced oil recovery technology for northeastern oil 80.0 Lakhs 2019-2022 DBT-Twining



fields of India

Dr. Nidhi Pareek

Exploration of Thermostable Chitinolytic Enzyme System from Rajasthan Area and Elucidation of Reaction Mechanism for Production of Bioactive Oligosaccharides 35.0 Lakhs 2015-2020 DST-INSPIRE, India

Integrated Biocatalytic Disintegration of Chitin Rich Biowaste for Improved Production of Bioactive Chitooligosaccharides, Glucosamine and Ethanol 41.6 Lakhs 2019-2022 DST-SERB

Dr. Vijay K. Verma

Characterization of Membrane/Secretory Proteins in Helicobacter pylori: Mystery of Bacterial Persistent Infection (An Interphase of Host-Pathogen Interaction) 35.0 Lakhs 2017-2022 DST-Inspire

Unravelling the Mystery of Bacterial Persistent Infection: Genome-wide Identification and characterization of Toxin-Antitoxin systems of Helicobacter pylori 47.0 Lakhs 2021-2024 ICMR

Dr. Deeksha Tripathi

Identifying the role of MIP in activating host innate immune response for development of new intervention strategy to combat Tuberculosis. 55.0Lakhs 2019-2022 DBT Biocare Grant

School of Mathematics, Statistics and Computational Sciences

Department of Mathematics

Dr. Jai Prakash Tripathi

Mathematical Modelling of the Biological Control Problems: Non-chemical methods in Population and Disease control 18.12 Lakhs 2018-2021 DST-SERB

Dr. Vijay Kumar Yadav

Fuzzy Modeling of Tolerance and Rough Automata 10.00 Lakhs 2018-2021 UGC

Department of Statistics

Dr. Deepesh Bhati

Generation of Statistical Models using Concatenation 17.97 Lakhs 2019-2022 DST-SERB



School of Physical Sciences

Department of Physics

Prof. Manish Dev Shrimali

Explosive oscillation suppression in coupled nonlinear oscillators 20.78 Lakhs 2017-2021 SERB

Multistability and hidden attractors dynamical systems in 66.32 Lakhs 2019-2022 DST

Dr. Ajit K Patra

Exploration of Skyrmionic Materials 45.61 Lakhs 2020-2023 DST-SERB

Magnetic and spectral properties of novel Mn based Heusler alloys for magnetolectronics applications 33.18 Lakhs 2019-2022 DST-RFBR

Probing electronic structure of cobaltite thin films 7.04 Lakhs 2017-2021 UGC-DAE

Dr. SahinurReja

Unconventional superconductivity and spin-liquids in metal-organic frameworks 29.37 Lakhs 2020-2022 DST-SERB

Quantum criticality and exotic magnetic states in tetramer spin compounds 10.0 Lakhs 2021-2022 UGC

Dr. Yugandhar Bitla

Development of epitaxial ferroelectric and transparent conducting oxides based on van der Waals heteroepitaxy 10.0 Lakhs 2020-2022 UGC

Dr. Neeraj Panwar

Size Dependent Magnetic Properties of Mn Doped Rare Earth Orthochromites: A Neutron Powder Diffraction Study 7.15 Lakhs 2018-2020 UGC-DAE CSR MUMBAI

Impact of Ion Irradiation on the Exchanges Bias, Magnetization Reversal Spin Reorientation and Magnetocaloric 6.25 Lakhs 2018-2021 IUAC, New Delhi

Exploring the Magnetocaloric Properties of Bulk Ceramics, Nanocrystalline and Thin Film of Manganese Doped Rare Earth Orthochromites 44.26 Lakhs 2018-2021 DST-SERB

School of Social Sciences

Department of Culture and Media Studies

Dr. Pranta Pratik Patnaik (Co-Supervisor)

Evaluation and Impact Assessment Study of Mass 1.0 Lakh 2020-2021 IIMC,



Media Campaign on Safe and Legal Migration

New Delhi

Department of Public Policy, Law and Governance

Dr. Gyana Ranjan Panda

Legislative Policy-Making on Climate Justice in India: The Study of Parliamentary Bussinesses, Practices and Oversights since Thirteen Lok Sabha

6.0 Lakhs	2019-2021	ICSSR-IMPRESS
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School of Sports Sciences

Department of Sports Bioscience

Dr. Hemanth Naick B.

Inter-organelle association of endoplasmic reticulum-mitochondria association and its role in replication stress and other cellular physiology and pathophysiology

35.0 Lakhs	2020-2025	DST Inspire
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The Potential Role of miR-181-c in chronic traumatic encephalopathy

10.0 Lakhs	2020-2022	UGC
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Dr. Neha Singh

Gene Expression studies of the skeletal muscle repair Pathway induced by Prosopis cineria.

10.0 Lakhs	2020-2022	UGC
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Thesis and Dissertations

The students in various Departments of the University submit a Dissertation/ Thesis towards the completion of their postgraduate/ Ph.D degree. This chapter contains the list of Ph.D., M.A., M.Arch, MBA, M.Com, M.Sc., M.Tech dissertation and thesis completed by students under the guidance of their respective supervisors. The following list contains the details of the students' Thesis and Dissertations.

Ph.D. THESIS

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Ms. Monalisa Tiwari (2014PHDBC02)	Biochemistry	Dr. Kiran Kumar Tejavath	Assessment of antibacterial activity of bioactive molecules from medicinal plants and silver nanoparticle against acinetobacter baumannii.	02.07.2020
Mr. Avinash Gothwal (2015PHDPHARM02)	Pharmacy	Dr. Umesh Gupta	Dendrimer mediated approaches for the effective drug delivery to brain	09.07.2020
Kaushik Nagadev Bhuyan (2014PHDEN03)	English	Prof. Supriya Agarwal	The politics of ethnography and travel poetics in select modern Indian travelogues	15.07.2020
Saroj Kumar Ranjan (2014PHDMBA03)	Management	Dr. Tulsee Giri Goswami	Psychological contract breach and work place outcome: role of perceived organisational support	09.07.2020
Ms. Seema Gautam (2012PHDHINDI02)	Hindi	Prof. N. Lakshmi Aiyar	राजस्थान का लोक जीवन: मेवात के विशेष सन्दर्भ में	16.07.2020
Ms. Shubhra Dash (2014PHDPH008)	Physics	Dr. Ajit K Patra	Novel heusler based alloys: synthesis, phase stability and magnetic properties	23.07.2020
Mr. Soumen Bera (2013PHDMT03)	Mathematics	Dr. Amit Chakroborty	Quantitative study of glutamate dehydrogenase systems for nitrogen metabolism	14.07.2020
Ms. Seema Yadav (2014PHDCH007)	Chemistry	Dr. Chandrakanta Dash	Designing new electron-rich metal complex as catalysts for C-C and C- heteroatom bond forming reactions	22.07.2020
Venkata Nikhil Raj M. (2013PHDCH008)	Chemistry	Dr. Anuj K. Sharma	Synthesis, characterization, magnetic and biological studies of Fe(II), Fe(III) and Co(II) complexes with N ₂ (bidentate), N ₃ (tridentate) and n ₂ O ₂ (tetradentate) ligands	30.07.2020
Ms. Jyostna Verma (2013PHDCS02)	Comptuer Science	Dr. Nishtha Kesswani	Biogeography inspired group mobility model for wireless ad hoc networks	05.08.2020



Sweta Kumari (2013PHDPPLG01)	PPLG	Dr. S Kandasamy	Livelihood security as a protection of human rights- special reference to bihar rural livelihood project-a critical evaluation	07.08.2020
Pooja Paharia (2013PHDMBA04)	Management	Dr. Avantika Singh	Stakeholder perspective of ethical leadership: a study of higher education institutions in Rajasthan	07.08.2020
Suman Rana (2014PHDSW04)	Social Work	Prof. Jagdish Jadhav	Positive youth development : an exploration and intervention in rural Rajasthan	10.08.2020
Mahesh Kumar Meena (2013PHDCMS02)	Culture And Media Studies	Dr. Nicholas Lakra	The digital turn in hindi film industry : an analysis of visual effects	25.08.2020
Rajneesh Kumar Karloopia	Management	Prof. M.R.P. Singh	Factors affecting consumer buying behaviour of life insurance products: a study of Jammu & Kashmir	28.08.2020
Arshad Jamal Ansari (2015PHDPHARM01)	Pharmacy	Dr. Devesh M. Sawant	Development of isocyanide based mcr for the syntheses of nitrogen-containing heterocycles as potential anticancer angets	02.09.2020
Kumari Reena (2014PHDMBA01)	Management	Prof. M.R.P. Singh	Service quality and consumer satisfaction: an empirical study of banks in rural haryana.	04.09.2020
Ms. Deepika Bisws (2014PHDBC01)	Biochemistry	Dr. Vishvanath Tiwari	Studies of disinfectants role on acinetobacter baumannii	10.09.2020
Om Prakash Keshri (2014PHDMT05)	Mathematics	Dr. Anand Kumar	A study of instability in magnetohydrodynamics	10.09.2020
Nirmal Tiwari (2015PHDSTA02)	Statastics	Dr. Sanjay Kumar	Estimation of population mode using auxiliary information	14.09.2020
Rani Soni (2013PHDBT03)	Biotechnology	Dr. Tarun Kumar Bhatt	Secretary proteins of malaria parasite: potential drug and vaccine targets	24.09.2020
Ashok Kumar (2015PHDSTA01)	Statastics	Dr. Jitendra Kumar	Time series model with covariate: a bayesian approach	28.09.2020
Rajbala (2014PHDMT06)	Mathematics	Prof. Jugal K. Prajapat	Investigation of certain analyticand harmonic univalent mappings and applications to fractional calculus	29.09.2020
Ashok Kumar (2014PHDHINDI02)	Hindi	Dr. Sandeep V Ranbhirker	केदारनाथ सिंह का काव्य: एक अनुशीलन	12.10.2020
Ranjeet Kumar 2014PHDEC06	Economics	Dr. Motilal Mahamalik	Food processing industry under globalised trade regime in india: a study of Bihar	26.10.2020
Ganshyam Prajapat 2014PHDMB02	Microbiology	Dr. Akhil Agrawal	Evaluation of souring control strategies in sandpacked bioreactors simulating oil fields of Rajasthan, India	23.10.2020
Sachchidanand Prasad 2015PHDPPLG03-	PPLG	Prof. S.N. Ambedkar	Decentralisation at the grassroots: a study of panchayats extension to scheduled areas of	02.11.2020



			Jharkhand	
Surbhi Jain (2014PHDCH008)	Chemistry	Dr. Anuj K. Sharma	Bio- affinity and molecular interaction of novel engineered copper complexes	02.11.2020
Thotakura Nagarani (2015PHDPHARM04)	Pharmacy	Prof. Vipin Kumar	Functionalized carbon nanocarriers for drug(s) delivery to brain and cancer cells	02.11.2020
Iliyas Khan (2015PHDPHARM03)	Pharmacy	Dr. Umesh Gupta	Design and synthesis of nano-polymeric delivery of bio-active(s) for the effective management of breast cancer	10.11.2020
Ravikrishna Dada (2015PHDCH05)	Chemistry	Dr. Srinivasarao Yaragorla	Calcium (II) catalysed synthetic approaches towards privileged heterocycles & total synthesis of phomonol	03.12.2020
Mubasher Rashid Rather (2014PHDMT04)	Mathematics	Dr. Amit Chakraborty	Mathematical and computational modelling of biochemical switches in plant nutrient uptake	30.12.2020
Gangada Suneel (2014PHDCH003)	Chemistry	Dr. Pratha Roy	Cost effective metal and metal - free dyes for solar energy harvesting	10.12.2020
Sumit Kumar (2016PHDSTA01)	Statistics	Dr. Mahendra Saha	Some problems on process capability studies: statistical inference and applications	11.12.2020
Kritika Sharma (2013PHDES02)	Environmental Science	Dr. Garima Kaushik	Assessment and microbial degradation of pharmaceutical compounds in industrial waste	14.12.2020
Vidyalaxmi (2013PHDES05)	Environmental Science	Dr. Garima Kaushik	Bioremediation of Cr (VI) from tannery effluent using halotolerant microalgae (dunaliella salina)	14.12.2020
Amit Singh (2013PHDCS01)	Computer Science	Dr A Nagaraju	An intelligent network coding in wireless networks	15.12.2020
Geeta Arya (2013PHDBT002)	Biotechnology	Dr. Surendra Nimesh	Nanoparticle assisted antibacterial applications and delivery of nucleic acids for gene therapy	28.12.2020
Suman Rathore (2014PHDEN07)	English	Prof. Supriya Agarwal	Socio - cultural study of children with disabilities and therapeutic measures in select contemporary Indian fiction	18.01.2021
Usha Jain (2014PHDCSE03)	CSE	Dr Muzzammil Hussain	Simple and secure authentication mechanisms in wireless sensor networks	01.02.2021
Kavita Meena (2013PHDHINDI03)	Hindi	Dr. Mamata Khandal	सुरेश गौतम की समीक्षा सृष्टि एवं दृष्टि (बाल साहित्य के विशेष सन्दर्भ में)	28.01.2021
Girjesh Kumar (2015PHDHINDI03)	Hindi	Dr. Mamata Khandal	21 वीं सदी के हिंदी महिला उपन्यास लेखन में चित्रित संवेदना (समय सीमा 2010-2015)	29.01.2021
Shahnawaz Ahmad (2013PHDSW02)	Social Work	Dr. Atiq Ahmed	Effectiveness of psycho-social intervention on alcohol and tobacco expectancy among adolescents: a randomized controlled trial	03.02.2021



Sophiya Sheikh (2014PHDCS04),	Computer Science	Dr. A. Nagaraju	Efficient resource utilization and load balancing on computational grid	08.02.2021
Anuja Mishra (2015PHDPPLG02)	PPLG	Dr S. Kandaswamy	Right to safe drinking water as a human right - a critical legal analysis with special reference to state of Rajasthan	22.03.2021
Anita Goswami (2013PHDEN01)	English	Prof. Supriya Agarwal	Reconstructing ecofeminine identity: a comparative study of select works of Mahasweta Devi and Indira Goswami	25.03.2021
Shaifali Kumawat (2013PHDEC001)	Economics	Dr. Mohanakumar S.	Structural changes in milk production sector under economic liberalisation in india: analysis of milk production sector in rajasthan	26.03.2021
Komal Agarwal (2014PHDMB04)	Microbiology	Prof. Pradeep Verma	Production, characterization and application of laccases from fungal strains of Rajasthan, India	06.04.2021
Shelendra Kumar Jain (2014PHDCS03)	Computer Science	Dr. Nishtha Kesswani	Design of a privacy – preserving model for internet of things	09.04.2021
Shiva Dixit (2015PHDPH05)	Physics	Prof. Manish Dev Shrimali	Dynamics of nonlinear systems with competitive and nonlinear interaction	04.05.2021
Harsh Tripathi (2017PHDSTA01)	Statistics	Dr. Mahendra Saha	Some problems on sampling inspection plan: statistical inference and applications	11.06.2021
Lokesh Kaushik (2014PHDPHARM05)	Pharmacy	Dr. Kaiser Raja	Synthesis of docetaxel palmitate, and formulation, characterization and evaluation of nanocolloidal carriers for effective delivery to the breast cancer cells	16.06.2021
Vikas (2017PHDPH04)	Physics	Dr. Rajneesh Kumar Verma	Application of low dimension materials in surface plasmon/lossy mode resonance based fiber optic sensors	18.06.2021
Anuj Kumar Tomar (2014PHDMB01)	Microbiology	Prof. Pawan K. Dadheech	Bioprospecting of cyanobacteria thriving in semi-arid regions of Rajasthan, India	24.06.2021
Vikas K Singh (2015PHDBT03)	Biotechnology	Dr. Sumantapryal	Development and analysis of glycoprotein-immunoglobulin chimeric subunit vaccine candidates against herpes simplex virus 2 and 1	29.06.2021
Nancy (2015PHDPH02)	Physics	Dr. Ajit K. Patra	Fe and Co based perovskites: structural, electrical, magnetic and spectroscopic studies	30.06.2021

(RS - Research Supervisor; JS - Joint Supervisor)

**DISSERTATIONS****DEPARTMENT OF ARCHITECTURE**

Candidate Name	Title of the Dissertation	Supervisor Name	Design Thesis	Supervisor Name
Akshay Gupta	Comparative Analysis of Daylight Compliance Methods of Green Building Codes	Ar. Sunil Sharma	Eco-Resort at Chandubi Lake, Assam	AR. Vidhu Bansal
Aman Kumar	Resilience Analysis of Centralized And Decentralized Waste Water Treatment Systems in Case of Hilly Terrain	Ar. Ritu B. Rai & Ar. Sunny Bansal	Indian institute of Information Technology, Pune	Prof. Neeraj Gupta
Arsha Gitty George	Effect of Instructional Space Design on Students' Performance - Case of Rajasthan and Kerala	Prof. Neeraj Gupta & Ar. Vidhu Bansal	Bio 360 Life Science Park, Trivandrum	Ar. Ritu B. Rai
Diksha Bharti	Impact of Indoor Plants in Air Conditioned Office Spaces: An Assessment of User's Perception	Prof. Neeraj & Ar. Vidhu Bansal	Atal Bihari Vajpayee Medical University, Lucknow	Prof. Neeraj Gupta
Garima Agarwal	Analyzing Parks of Lucknow Based on Functionality and Aesthetics	Ar. Ritu B. Rai & Ar. Sunny Bansal	Ambedkar University, Rohini, Delhi	Prof. Neeraj Gupta
Matsushita Sharma	Solid Waste Management in Tourist Towns of Rajasthan	Prof. Neeraj Gupta & Ar. Sunny Bansal	Infosys campus, Nagpur	Prof. Neeraj Gupta Ar. Sunny Bansal
Pooja Arora	Strategies for Redevelopment of Historic Ceremonial Axis, Mahal, Nagpur	Ar. Ritu B. Rai Ar. Vidhu Bansal	Indian Institute of Management Campus, Nagpur	Prof. Neeraj Gupta
Praveen Rohilla	Framework for Social and Cultural Aspects in Indian Green Building Rating Systems	Prof. Neeraj Gupta & Ar. Sunny Bansal	Lake View Office Complex, Trilokpuri, New Delhi	Prof. Neeraj Gupta & Ar. Sunny Bansal
Saranya Divakaran PC	Flood Resilient Sustainable Building Construction and Adaptation of Sinking Island (Muroe Island) in Kerala	Ar. Ritu B. Rai & Ar. Vidhu Bansal	International Research Institute of Ayurveda, Kannur	Ar. Ritu B. Rai
Shefali Rashi	The Importance of Formal and Informal Open Public Spaces in Educational Campus for Social Connectivity	Prof. Neeraj Gupta & Ar. Sunny Bansal	Information Technology Park, Mohan Nagpur Maharashtra	Ar. Sunny Bansal
Silvi Jhangra	Revival of Traditional Water Harvesting Systems: Study of Stepwells	Ar. Ritu B. Rai & Ar. Vidhu Bansal	Heritage Eco-Resort, Achrol, Jaipur	Ar. Vidhu Bansal
Tushar Kolhe	Glasses Affecting Energy Consumption of an Office Building in Composite Climate of Jaipur, Rajasthan	Ar. Sunil Sharma	Affordable Housing, Mumbai	Ar. Ritu B. Rai



DEPARTMENT OF ATMOSPHERIC SCIENCE

Candidate Name	Title of the Dissertation	Supervisor Name
Aashna Verma	Hydrological Modeling for Banas River Basin Using HEC-HMS	Dr. Devesh Sharma
Anish Kumar	Simulation of Lightning Event using an Ensemble of WRF model configurations	Prof Someswar Das
Athira	Simulation of Rainfall Events Over Banas Basin, Rajasthan Using WRF Model	Dr. Devesh Sharma
Avani Trivedi	Deciphering lockdown impact on atmospheric ozone chemistry using box model	Dr Chinmay Mallik
Bibhutimaya Ghadai	Interpreting the COVID Effect on Atmospheric SO ₂ & CO over the Indian region during Lockdown-2020	Dr Chinmay Mallik
Gitesh Wasson	Numerical simulation of clear air turbulence (cat) for alleviation of aviation accidents using weather research forecasting (wrf) model	Prof Someswar Das
Harithashree S.	Numerical simulation and sensitivity analysis of microphysics and cumulus parameterization schemes of cloudbursts over Uttarakhand using WRF modelling system	Dr. Subrat Kumar Panda
Najmeen Bano	Revisiting Indian Ocean Dipole using 70 years data	Dr. Jayanti Pal
Rahul Kant Yadav	Relation between PM and O ₃ over different urban environmental regimes in India	Dr Chinmay Mallik
Sayoni Sarkar	Study of Land Ocean Thermal Contrast over the Indian Ocean region for a region of 70 years (1950-2019)	Dr. Jayanti Pal
Shibam Sahu	Role of moisture transport and boundary layer processes : simulation of tropical cyclone chapala using the wrf modeling system	Dr. Subrat Kumar Panda
Sweta Palit	Assimilation of Satellite Radiance and RO data in an NWP Model and their impact on the simulation of Lightning and CAT events	Prof Someswar Das



Dissertations of M.Sc (Meteorology Students, University of Dhaka, Bangladesh)

Candidate Name	Title of the Dissertation	Supervisor Name
Jannatul Ferdous	A Study on Thunderstorm Forecasting Based on Atmospheric Instability Indices over Bangladesh Using WRF-ARW Model	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Md. Asraful Islam	Modeling of Lightning Events Using Weather Research and Forecasting Model (WRF) derived Microphysical Parameters	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Rezoana Ritu	Study of Rainfall Induced Landslide in Bangladesh	Prof. Someshwar Das & Dr. Subrat Kumar Panda
Sariya Mehrin	Simulation of Radiation Fog event by WRF Model and validation with METAR and Radiosonde Data	Prof. Someshwar Das & Dr. Subrat Kumar Panda
Zereen Saba	Impacts of Radiance Data Assimilation on the Simulation of Extreme Hailstorm Events over Bangladesh Using WRF Model	Prof. Someshwar Das & Dr. Subrat Kumar Panda

DEPARTMENT OF BIOCHEMISTRY

Candidate Name	Title of the Dissertation	Supervisor Name
Akash Choudhary	Virtual screening of inhibitor against relaxase and recA of <i>Acinetobacter baumannii</i>	Dr. Vishvanath Tiwari
Akshay PS	Enigma of AMPK subunit expression in cancer	Dr. Bhawana Bissa
Anisha Ajmera	Seed deterioration in chickpea (<i>Cicer Arietinum L.</i>) during seed ageing	Dr. Dipak Gayen
Aruna Kumari	Identification of Molecular Targets of Antimicrobial Peptides against <i>Acinetobacter baumannii</i>	Dr. Vishvanath Tiwari
Atul Kumar	Synergistic Cytotoxic Potency Of Gemcitabine Loaded Doxycycline Coated Gold Nanoformulations Against Pancreatic Ductal Adenocarcinoma	Dr. Kiran Kumar Tejavath
Atul Kumar	Synergistic cytotoxic potency of gemcitabine loaded doxycycline coated gold nanoformulations against pancreatic ductal adenocarcinoma	Dr. Kiran Kumar Tejavath
Darshana Jain	Genome-wide analysis of Histone deacetylase in <i>Vigna radiata</i>	Prof. Sanjib Kumar Panda
Deepak Jangir	Cloning Of Esterase Gene From A Halophilic Bacterium <i>Salipaludibacillus</i>	Dr. Shiv Swaroop
Deepika	Analysis Of Halophilic Beta Galactosidase Enzyme And Its Gene Cloning	Dr. Shiv Swaroop



Hemant Kumar	Understanding role of ATG8 in tumorigenesis	Dr. Bhawana Bissa
Karishma Rawat	Finding the rationale behind low mutation rate in Housekeeping genes	Prof. Chandi C Mandal
Karthikey Sharma	Investigating The Anti-Hyperglycaemic Property Of Balanites Aegyptiaca Del Using Alpha-Glucosidase And Alpha-Amylase Inhibitory Assay	Dr. Kiran Kumar Tejavath
Karthikey Sharma	Investigating the anti-hyperglycaemic property of balanites aegyptiaca del using alpha-glucosidase and alpha-amylase inhibitory assay	Dr. Kiran Kumar Tejavath
Kiran Gurjar	Designing of a Multitasking Bispecific Antibody Against Sars-Cov-2 Spike Glycoprotein And Entry Receptors Ace-2 And Dpp4	Dr. Vijay Kumar Prajapati
Komal Agrwal	Identification of Peptides Inhibitors for Plasmeprin V protease of Plasmodium falciparum by using Protein-Pepetide molecular docking tool	Dr. Dhaneswar Prusty
Kunal Gupta	Sequence analysis and Cloning of the Poly- γ -glutamic Acid Synthase gene	Dr. Shiv Swaroop
Kunal Verma	Exploration of novel drugs against dhfr & dhps genes of P. falciparum through molecular docking studies	Dr. Dhaneswar Prusty
Mudrika Khiria	In Silico And In Vitro Evaluation Of Ferula Asafoetida Phyto-Extracts Against Pancreatic Cancer	Dr. Kiran Kumar Tejavath
Mudrika Khiria	In silico and in vitro evaluation of ferula asafoetida phyto-extracts against pancreatic cancer	Dr. Kiran Kumar Tejavath
Nidhi Bansal	High Throughput Virtual Screening and Binding Energy Analysis to develop a single target drug against Spike Protein of B.1.1.7 Lineage of SARS-CoV-2	Dr. Vijay Kumar Prajapati
Nikhesh Chouhan	Genome-wide analysis of HVA22 gene in Rice	Prof. Sanjib Kumar Panda
Prasant Puri	Post-translational modification in rice during drought stress	Dr. Dipak Gayen
Pratima Jhanwar	Designing of Bacteriophage Tail Fiber Based Peptide Therapeutics Against Acinetobacter baumannii	Dr. Vishvanath Tiwari
Rajashree Meghwal	In silico designing of peptide-drug conjugates for development of effective therapy for treating complicated malaria	Dr. Dhaneswar Prusty
Ravindra Kumar Bairwa	Coordination between autophagy pathway and exosomes secretion	Dr. Bhawana Bissa
Seema Kuldeep	Identification of a gene signature of cholesterol metabolism and regulation for diagnosis and predictive biomarker in cancer	Prof. Chandi C Mandal
Soumya Ranjan Sahoo	Regulation of protease under drought stress in chickpea (Cicer arietinum L.)	Dr. Dipak Gayen
Tadi Sai Ratnakar	In-silico redesigning of Sarilumab interface residues to enhance IL-6R binding and diminish the IL-6 cytotoxic effects of COVID-19 induced Cytokine release syndrome	Dr. Vijay Kumar Prajapati
Vaishnavi Tripathi	Month-wise study on the effect of different environmental factors on SARS-CoV-2 infectivity: an annual analysis	Prof. Chandi C Mandal

**DEPARTMENT OF BIOTECHNOLOGY**

Candidate Name	Title of the Dissertation	Supervisor Name
Ankita Yadav	Silver nanoparticle biosynthesis using Terminalia bellirica leaves extract and its effect on germination and growth of Solanum lycopersicum plant	Dr. Surendra Nimesh
Buddhi Prakash	Assessment of newly synthesised imidazole derivatives antimicrobial and antibiofilm property against E. coli and B. subtilis	Dr. Janmejy Pandey
Dakshita Khajuria	Assessing Multidrug Resistance of pathogens due to biofilm and accessing the effect of antibiofilm drugs on model organisms	Dr. Janmejy Pandey
Diksha Srivastava	Identification of novel target for therapeutic approach against hepatocellular carcinoma – using next-generation sequencing	Dr. Tarun Kumar Bhatt
Garima Yadav	Identification and expression profiling of sumo genes in the red flour beetle, Tribolium castaneum	Dr. Jayendra Nath Shukla
Harsh Vardhan Singh	Identification of SUMO Proteases in Cicer arietinum and recombinant expression of a putative chickpea SUMO protease CaOTS1	Dr Vivek Verma
Harshita Agrawal	Assessment of the effect of aggregated forms of antimicrobial protein Lysozyme on biofilm formation by Bacillus subtilis and Escherichia coli	Dr. Janmejy Pandey
Lacy Loveleen	Biosynthesis of silver nanoparticles using Terminalia bellirica bark extract and its impact on growth of Cicer arietinum plant	Dr. Surendra Nimesh
Megha Gupta	To investigate the differential gene expression profile and identification of novel drug target against the disease Cutaneous Squamous Cell Carcinoma using RNA seq data	Dr. Tarun Kumar Bhatt
Neelam	Isolation and characterisation of protein aggregates in soya chunks	Dr. Jay Kant Yadav
Neeraj Kumar Singh	Identification of Variants in the Genome sequence of Head and Neck Squamous Cell Carcinoma (HNSCC) for the identification of novel target for the therapeutic approach	Dr. Tarun Kumar Bhatt
Rajani Chaudhary	In silico analysis of Varicella Zoster Virus proteome to identify its aggregation prone proteins and derived peptides	Dr. Suman Tapryal
Raksha Solanki	In silico analysis of SUMO machinery components of Cicer arietinum and recombinant expression of a putative chickpea E1 CaSAE1b	Dr Vivek Verma
Rashmita Ranot	Sex and stage-specific profiling of genes in the red flour beetle, Tribolium castaneum	Dr. Jayendra Nath Shukla
Shivani Sharma	In silico analysis of Human Herpesvirus-7 proteome to identify its aggregation prone proteins and derived peptides	Dr. Suman Tapryal



Shreya Bangrawa	Effect of heat treatment on the protein aggregates of soy nuggets	Dr. Jay Kant Yadav
Shrikant Bohra	Green synthesis and antibacterial potential of silver nanoparticles synthesized using Terminalia bellirica bark extract	Dr. Surendra Nimesh
Subhash Hila	In silico analysis of Human HerpesVirus-6A (HHV-6A) proteome to identify its aggregation prone proteins and derived peptides	Dr. Suman Tapryal
Sundaram Shilpi	Identification of sex-specifically expressed genes in the red flour beetle Tribolium castaneum	Dr. Jayendra Nath Shukla
Tamanna Yadav	Studying the effect of proteolytic enzymes on protein aggregates in soya chunks	Dr. Jay Kant Yadav

DEPARTMENT OF CHEMISTRY

Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Shaw	Regioselective-Intermolecular C-H Bond Amination of Heteroaromatic Compounds via Nitrene Insertion	Dr. Ritesh Singh
Aditi Mishra	Evaluation of selected flavanoids for anti-Alzheimer's potential	Dr. Anuj Kumar Sharma
Akshanjali Maurya	Palladium Nanoparticles Grafted on Thiol Functionalized Titanium Oxide Nanotubes as catalyst for Suzuki Miyaura Coupling Reactions	Dr. Hemant Joshi
Amit Kumar	Metal and Oxidant Free Functionalized Tertiary Alkylation on 2-Aryl Indole	Dr. Ritesh Singh
Chandni Soni	Synthesis of Thia-Michael adducts from Morita-Baylis-Hillman ketones	Dr. Easwar Srinivasan
Dinesh Yadav	A Serendipitous Route to the Synthesis of Isolable Dienamines from Morita-Baylis-Hillman (MBH) Ketones	Dr. Easwar Srinivasan
Jai Sharma	Perception of Students towards Flipped Classroom of Organic Chemistry and Review of Aza-oxy-allyl Cation and Oxy-allyl Cation Intermediate	Dr. Ritesh Singh
Khushbu	Transition Metal Catalysed Synthesis of Benzofused Heterocyclic Compounds via Domino Approach	Prof. R. T. Pardasani
Kiran Meena	Metal Free Synthesis of Congested and Functional Thioether Using Aza-Oxyallyl Cations as a Key Intermediate	Dr. Ritesh Singh
Manish Chauhan	Investigation of ZnO nanostructures on glass slides	Dr. Partha Roy
Manoj Pradhan	Synthesis and Characterization of Pyrazole-Decorated Dibenzoheteroarenes	Dr. M. Bhanuchandra
Mukesh Kumar	Ruthenium Complexes of ENE (E = S, Se) Pincer Ligands: A Versatile Catalyst for Transfer Hydrogenation of Carbonyl Compound, Oppenauer type Oxidation and N-alkylation of Amines	Dr. Hemant Joshi
Neha Mathur	Synthesis of CdSe Quantum Dot and Investigate Its Photophysical Properties	Dr. Partha Roy



Parvesh Makar	Design and Synthesis of Sterically Bulky Tripodal Nitrogen Ligand Coordinated Palladium Dichloride Molecular Rotor	Dr. Hemant Joshi
Prerna	Synthesis and Characterization of Titanium Complexes of Hydroxymethyl Ferrocene	Dr. Thirumoorthi Ramalingam
Priyanka Panigrahi	Synthesis, Characterization and Application of Ferrocenemethyl Phosphate	Dr. Thirumoorthi Ramalingam
Remya Raj E T	Transition Metal Catalysed Synthesis of Benzofused Heterocyclic Compounds via Domino Approach	Prof. R. T. Pardasani
Richa Singh	Biotinylated metal complexes for enhanced anticancer activity	Dr. Anuj Kumar Sharma
S Iniyam	Investigation of Anodized TiO ₂ Nano structure at Various Conditions	Dr. Partha Roy
Shikha Singh	Synthesis and Characterization of 2-[(trimethylsilyl)methyl] Pyridine Ligand and Metal Complexes	Dr. Thirumoorthi Ramalingam
Simran Verma	Evaluation of carefully designed Copper complexes for their DNA and BSA binding behavior	Dr. Anuj Kumar Sharma
Sitanshu Agarwal	Synthesis of 2,8-diaryldibenzothiophenes and 2,8-dialkoxydibenzothiophenes	Dr. M. Bhanuchandra
Sonu Kumar Bangarwa	Synthesis of N-Heterocyclic scaffolds of Dibenzothiophene	Dr. M. Bhanuchandra
Sudhir Muduli	Facile Preparation of Peripheral Substituted Dibenzoheterocycle: Investigation of the effects of heterocycles on the Photophysical Properties	Dr. M. Bhanuchandra

DEPARTMENT OF COMMERCE

Candidate Name	Title of the Dissertation	Supervisor Name
Akhil Kumar Chaudhary	Barrier Analysis of Adoption of Supply Chain Finance Solutions: A Case Study of Selected MSMEs in Special Reference to Agra Leather Industry	Dr. Sushila Kumari Soriya
Arpita	Impact of Telework on Work Culture in Pre and During COVID Era	Dr. Neha Seth
Bharat Singh	Consumer Preference and Choice Towards Bakery Products in Hanumangarh City	Prof. Praveen Sahu
Kanak Priya	Impact of Digitalization in Rural India	Dr. Sushila Kumari Soriya
Kirti	Cointegration and Causality Analysis for Diversification Opportunities: A Study of Selected Sustainability Indexes in Reference of Indian Economy	Dr. Neha Seth
Kirti Motwani	Impact on Efficiency of Privatisation of Public Enterprises - Evidence from VSNL, BALCO, BPCL and Air India Ltd.	Dr. Neha Seth
Madhuri Maheshwari	Contribution of CSR towards Various Areas during the Pandemic Situation: Empirical Evidence from SENSEX Companies	Dr. Sushila Kumari Soriya
Md Zishan	Pricing Strategies and Customer Retention	Prof. Praveen Sahu
Menawati Suthar	HR Practices of Selected Organizations During COVID-19	Prof. Praveen Sahu



Monika Sharma	Is Bitcoin Associated with Stock Market and Forex: Evidence from Indian and US Markets	Dr. Neha Seth
Pooja Yadav	A Study of Green Marketing Influencing Consumer Buying Behaviour	Prof. Praveen Sahu
Riya Yadav	Effect of Information Communication Technology on Payment and Settlement Systems: Emergence of Digital India	Dr. Neha Seth
Santosh Sahu	Fintech Innovation in India and Emerging Business Models: Prospects and Challenges	Dr. Sanjay Kumar Patel
Sapna Omprakash Pal	Impact of GST on Indian E-Commerce Industry: Empirical Study of Pre and Post Reforms	Dr. Sanjay Kumar Patel
Swati Suman	Analysis of Blockchain Technology in Banking Sector: Applications and Transaction Validation	Dr. Sanjay Kumar Patel
Vikas	Effectiveness of Technical Indicators in Share Market	Dr. Sushila Kumari Soriya

DEPARTMENT OF COMPUTER SCIENCE

Candidate Name	Title of the Dissertation	Supervisor Name
Aburi Swarn Bharat	Digital Image Encryption: Arnold Cat map algorithm	Dr. Mamta Rani
Ajay Saini	VI-ANPR-TL Application in Security Surveillance	Dr. Ajay Indian
Alwin J. Christine	Face, age and gender detection	Dr. Nishtha Kesswani
Ankit Kumar Dubey	A Deep Learning Based Approach For Classification Of Covid-19 Using CT-Scan Images	Dr. Krishna Kumar Mohbey
Ayushman Tiwari	Network Based Intrusion detection and Prevention System for LLN	Dr. Nishtha Kesswani
Babita	Network Intrusion Detection System using Deep Learning	Mr. Gaurav Meena
Eram	Understanding the Botnet and Botnet based DDoS Attack	Mr. Ravi Raj Choudhary
Hemant Soni	Intrusion Detection System using SNORT	Mr. Gaurav Meena
Krishan Pal Singh	Anomaly-based Intrusion Detection System for IoT Network	Dr. Nishtha Kesswani
Mahavir Mahela	Human Voice and Emotion Detection using Artificial Intelligence	Mr. Gaurav Meena
Meenu Sharma	AI Based Covid-19 Diagnosis Using Multimodal Medical Images	Dr. Krishna Kumar Mohbey
Nirmal Kumar Sher	Crack Detection	Mr. Ravi Raj Choudhary
Nishu Yadav	Face Mask , Age and Gender Detection	Mr. Ravi Raj Choudhary
Radha Agrawal	Speech Emotion Recognition using Deep learning & Machine Learning	Mr. Ravi Raj Choudhary
Raj Roshan	Data Glove: A replacement of traditional input device	Dr. Nishtha Kesswani
Santosh Kumar	Predicting Antibiotic Resistance using ML Algorithm	Mr. Gaurav Meena
Shelendra Mehta	Design of privacy-preserving model for Internet of Things	Dr. Nishtha Kesswani



Surabhi Jangid	Text Classification	Dr. Mamta Rani
Sushila	Detection of SQL Injection attack using Machine Learning	Mr. Ravi Raj Choudhary

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Candidate Name	Title of the Dissertation	Supervisor Name
Anmol Kumar	On minimizing the DDoS attack effects on containerized targets using virtual machine (VM) and physical machine (PM) level separation	Dr. Gaurav Somani
Babita	Network Intrusion Detection System Using Deep Learning	Mr Gaurav Meena
Hemant Soni	Intrusion Detection System Using SNORT	Mr Gaurav Meena
Krishan Pal Singh	An Anomaly-based Intrusion Detection System for IoT Networks	Dr Nishta Kesswani
Narendra Kumar Chahar	Simplified Micropayment Mechanism for Electronic Commerce	Dr Muzzammil Hussain
Neha Kumari	Facial Emotional Recognition using Static Images	Mr Ravi Saharan
Shubham Tomar	Security Enhancement ion Healthcare Wireless Body Area Network Using Blockchain	Dr Muzzammil Hussain
Somya Kulshrestha	A solution to secure medical data through Blockchain Technology	Mr Ravi Saharan
Tejpal Kumar	APT-based malware analysis using Origin- information assisted hybrid analysis	Dr. Gaurav Somani

DEPARTMENT OF CULTURE & MEDIA STUDIES

Candidate Name	Title of the Dissertation	Supervisor Name
Aditi Khare	Sexism and Gender Stereotyping in Web Series: A Semiotic Analysis of Mirzapur (Season 1 and 2)	Dr. Anoop Kumar
Amal Raj K	A study on history, current practices and prospect of Tolpava Koothu art form of Kerala	Dr. Anoop Kumar
Ashwin Chandran Mv	Effects of "Ningalenne Communistaki" in Shaping Socio-political Views of Kerala	Dr. Anoop Kumar
Dharmendra Kumar Yadav	Media and Migration: A comparative study of Audio-visual Construction of Migrants' Issues During the Covid-19 Pandemic by Zee News and MOJO	Dr. Pranta Pratik Patnaik
Geo P John	"The Impact of Community Radio in Local Communities"	Dr. Neeru Prasad
Himanshu Sharma	"Airan and Dhaman" - Translation of Oral Songs of the Gaduliya Lohars of Rajasthan	Dr. Neeru Prasad
Jerin James	Media Literacy in Post Covid Era: Clout Culture	Dr. Nicholas Lakra
Kirti Kiran	Trial By Media in Sushant Singh Rajput's Case -An Activism or a Threat to The Society?	Dr. Neeru Prasad
Kopal Halan	New Farm Laws and the Representation of the News in the National Daily Newspapers	Dr Nicholas Lakra
Mohammed	How did Arabi-Malayalam literature influence cultural	Dr. Nicholas Lakra



Hashfaqu	communication of the Malabar Mapilla Muslims	
Mohit Shrivastava	A Study on the Comparative Analysis of Visual Content in Dainik Bhaskar and the Times of India	Dr. Anoop Kumar
Pinki Kadwe	Role of Transgender in Hindi Cinema	Dr Neeru Prasad
Shreya Tiwari	Caste Tension and Conflicts with Different Dimensions shown in Marathi Cinema of Nagraj Manjule and Pajiv Patil	Dr. Pranta Pratik Patnaik
Vinit Kumar	News Coverage of Bihar Elections 2020: Content Analysis of Dainik Bhaskar	Dr. Pranta Pratik Patnaik

DEPARTMENT OF DIGITAL SOCIETY

Candidate Name	Title of the Dissertation	Supervisor Name
Anurudh Kumar	The role of DDU-GKY: a case study of Effective skill India programme for Patna	Prof. Uma Sankar Mishra
Manish Tarun	Protecting Privacy in Digital Age: A case study of Samastipur District of Bihar	Dr. Gyana Ranjan Panda
Pranav Patel	Exploration of Google Data Studio as Data: Analytics for Kaushal Bharat	Prof. Uma Sankar Mishra
Ronak Maheshwari	Restoring livelihoods by deploying ICT based solutions: A case study of DDU-GKY Migrant beneficiaries across India amid COVID-19 pandemic	Prof. Jagdish Jadhav & Prof. Uma Sankar Mishra
Shiv Kumar	Role of ICT in Disaster Mitigation: A case study on Aarogya Setu Application during Outbreak of COVID-19 in India	Dr. Gyana Ranjan Panda
Swati Chhikara	e-Enablement of Panchayati Raj Institutions	Prof. Jagdish Jadhav & Prof. Uma Sankar Mishra

DEPARTMENT OF ECONOMICS

Candidate Name	Title of the Dissertation	Supervisor Name
Anshul Negi	RBI Should Look Beyond Inflation Targeting And Adopt Credit Targeting As Well To Combat The State Of The Economy	Dr. DSN Dogga
Archana Bhardwaj	Inflation and Financial Development in India: An Empirical Analysis	Dr. DSN Dogga
Bharat Agarwal	Economics and Environmental Aspects of Energy Efficiency	Dr. Pragati Jain
Bharat Dhanday	Performance of GST in India : A revenue collection based evaluation	Dr. Hemlata Manglani
Divya Sharma	Non-Performing Assets and its Engagement with Macro Indicators: Reason Behind the Beginning of the Twin Balance sheet Syndrome	Dr. Pramod Kumar Naik
Hazir Ali M	An analysis of the effects of the COVID-19 pandemic on the E-commerce sector and buying patterns of people	Dr. DSN Dogga
Iti Kadian	Does Macro Economic Variables influence Stock Market: An	Dr. Pramod Kumar



	Empirical Analysis from India	Naik
Jai Kumar Tahilyani	Analyzing Various Determinants with reference to Education and Experience	Dr. Pragati Jain
Jyoti Meena	The Determinants of Banking Sector Development in India	Dr. Pramod Kumar Naik
Manmeet Kaur	Study of Macroeconomic Variables Affecting Exchange Rate In B.R.I.C.S. Countries	Dr. Hemlata Manglani
Manujh Jha	Government Expenditure and Economic Growth: An Empirical Study of BIMARU States of India	Dr. Hemlata Manglani
Mayank Moyal	Macroeconomics of Food Inflation and its Determinants: Evidence from India	Dr. Hemlata Manglani
Naval Kishor	Impact of Migration on Economic Development of India	Dr. DSN Dogga
Nitish Kumar	Examining the relationship among GDP, inflation and money supply: Evidence from India	Dr. Pramod Kumar Naik
Priti	The Economic Determinants and Trend of Inward Foreign Direct Investment in BRICS Countries: A Panel Data Analysis	Dr. Hemlata Manglani
Rupal Tak	Impact of Corona on Cash Demand In the Economy	Dr. DSN Dogga
Rupesh Lal Bhagat	Mid-Day Meal Scheme A Case Study Of Chandwa Block Of Latehar District In Jharkhand	Dr. DSN Dogga
Sagar Kumawat	Exploring the Dilemma of Choosing between Stronger Financial System and Crony Capitalism.	Dr. Pragati Jain
Saumita Kumari	The Role of FDI on Economic Growth in India	Dr. Pramod Kumar Naik
Shivalika Sharma	The Investment Pattern of an Indian Household: A status report of two decades of 21st century	Dr. Pramod Kumar Naik
Simran	Macroeconomic Determinants of Economic Growth: An Empirical Analysis of BRICS Nations	Dr. Pragati Jain
Suchismita Mishra	An Econometric Analysis of Effectiveness of online teaching-learning process and Consequence of Covid-19 pandemic on online teaching and learning	Dr. Hemlata Manglani
Tungariya Radha Mohanlal	Role of Higher Education in the Economic Growth of India	Dr. Pramod Kumar Naik and Dr. Reena Godara
Vaibhav Maheshwari	Studying the Success of Various Pillars introduced in Delhi Government School	Dr. Pragati Jain
Vijay Kumar Vaishnav	The Economic aspect of tourism and Trend analysis of tourist in India	Dr. DSN Dogga

DEPARTMENT OF EDUCATION

Candidate Name	Title of the Dissertation	Supervisor Name
Akankasha Sharma	Learning Difficulties In Chemistry Faced By Senior Secondary Students.	Dr. Narendra Kumar
Anamika Kumari	A Study on Effectiveness and Implications of Mathematical Modelling in the Teaching Learning Process of Mathematics	Dr. Gobind Singh
Annu	Enhancing The Learning and Teaching Of Thermodynamics	Dr. T. Sangeetha
Anooj Kumar	A Study on Challenges and Effectiveness of Digital Pedagogy in Mathematics Education	Dr. Gobind Singh
Anupriya Bera	A study of reflections on Virtual laboratory learning of chemistry students at university level	Dr. Sangeeta Yaduvanshi



Anuradha Chhipa	An analysis of Physics textbook for 12th grade NCERT in terms of questions	Dr. Sangeeta Yaduvanshi
Aviral Khandelwal	Impact of Traditional Games on Understanding of Physics Concepts among Senior Secondary Students	Dr. Anjali Sharma
Bhupendra Gurjar	A Study on Pedagogical, Theoretical and Practical Concerns Related To Complex Numbers and Number Theory	Dr. Gobind Singh
Goutam Kawaliya	Awareness Of Machine Learning Among Students	Dr. Seema Gopinath
Gunjan	A Study of Learners' Difficulties and Effective Teaching Strategies in Calculus at Senior Secondary Mathematics	Dr. Gobind Singh
Hariom Tanwar	A Study On Application Of Conics And Teacher's Perception Towards Learning Conics Among Senior Secondary School Students	Dr. Seema Gopinath
Harshvardhan Singh	Misconception about Concept of Light among Secondary Students	Dr. Anjali Sharma
Jai Kumar	Perception of Students' towards Flipped Classroom of Organic Chemistry and Review of Aza-oxy-allyl Cation and Oxy-allyl Cation Intermediate	Dr. Kanak Sharma
Jai Kumar Tahilyani	Analysing various determinants of agricultural productivity with reference to education and experience.	Dr. Rina Godara
Jasvant Singh Gurjar	An Expository Study on Applications, Significance & Pedagogical Concerns of Mathematical Epidemiology	Dr. Gobind Singh
Kamlesh Bhavariya	Effect of Blended Learning Method on Students' Achievement in Organic Chemistry	Dr. Kanak Sharma
Kisan Kumar	Teacher opinions about the conceptual challenges experienced in teaching "ELECTROSTATICS"	Dr. T. Sangeetha
Krishan Yadav	Attitude Of Students Towards Probability Theory And Random Variable At Senior Secondary Level	Dr. Seema Gopinath
Mahesh Kumar Didwariya	Mind Mapping and Thinking Maps as a Pedagogical Tools in Teaching Basic Physics	Dr. Anjali Sharma
Manisha Kumari Meena	A Study of Pedagogical Concerns and Challenges in the Learning Trigonometry at Senior Secondary Schools	Dr. Gobind Singh
Mohit Yadav	Learning Difficulties Of The Learners In Learning Linear Programming And Its Effective Teaching Remedies At Senior Secondary School Mathematics	Dr. Seema Gopinath
Nidhi	Plight Of Chemistry Teachers In Remote Teaching During Covid-19 Pandemic	Dr. Narendra Kumar
Pankaj Choudhary	Study to Explore Students' and Teachers' belief towards physics laboratory	Dr. T. Sangeetha
Pawan Pingal	A Study on Innovative Teaching Learning Practices and Learners Difficulties in Geometry	Dr. Gobind Singh
Pradeep	Examination Anxiety Of Senior Secondary Chemistry Students	Dr. Narendra Kumar
Priyanka Kanwar	Difficulty Facing By Students In Learning Limit And Derivative And Application Of Derivative In Real Life	Dr. Seema Gopinath
Priyanka Saini	Study of conceptual misunderstanding of various grade science students about Heat and Temperature	Dr. Anjali Sharma



Ramniwash Jhorar	Interest In Machine Learning Among Teachers And Students.	Dr. Seema Gopinath
Ravi Choudhary	A Study of Challenges in Mathematics Learning Faced by Senior Secondary School Students	Dr. Gobind Singh
Ravi Prakash Rar	A Study on Applications and Effectiveness of Mathematics in Biology	Dr. Gobind Singh
Rupeshlal Bhagat	Mid Day Meal Scheme: A case study of Chandwa Block of Latehar District in Jharkhand	Dr. Rina Godara
Shubham Khoiwal	Computational Chemistry as a Teaching tool at Senior secondary School level	Dr. Sangeeta Yaduvanshi
Shuchismita Mishra	An Econometric analysis of effectiveness of online teaching learning process and consequence of Covid 19 pandemic on online teaching and learning	Dr. Rina Godara
Soham Thakur	Study Of Self-Efficacy Of Teachers Towards Pedagogic Use Of Ict In Chemistry Education	Dr. Narendra Kumar
Sruthi Sharma	Learning Difficulties In Integral Calculus And Its Teaching Ideas At Senior Secondary School Level	Dr. Seema Gopinath
Subhash Beniwal	Students Perception towards online learning of Physical Science during this Covid-19 pandemic	Dr. Sangeeta Yaduvanshi
Surya Prakash Kumawat	Hybrid Board Game Based Learning in Higher Secondary Organic Chemistry Education	Dr. Kanak Sharma
Tarun Swami	Interest In Learning Probability Theory Among Senior Secondary School Students	Dr. Seema Gopinath
Tugariya Radha	Role of Higher Education in Economic Growth of India	Dr. Rina Godara
Vikram Kumar	A Study of Learning Difficulties of the Learners in the Algebra and Effective Teaching Learning Strategies in the Algebra at Senior Secondary School Mathematics	Dr. Gobind Singh
Yogesh Kumar Jiyani	Application And Importance Of Mathematical Modeling	Dr. Seema Gopinath
Yogita Varshney	A Study Of The Attitude Of Chemistry Teachers Towards Pedagogic Use Of Information Technology At Senior Secondary Level	Dr. Narendra Kumar
Yuvraj Meena	Study the Perception of University Physics Students for the Virtual Laboratory of Physics	Dr. Sangeeta Yaduvanshi

DEPARTMENT OF ENGLISH

Candidate Name	Title of the Dissertation	Supervisor Name
Nishtha Mahawar	Shifting Narratives of Indian Sex Workers': Examining the Domain of Life Writing	Dr. Neha Arora
Sakshi Kumari	Creative Dynamics of African American Speculative Fiction: A Study of 21st Century Novels	Dr. Bhumika Sharma
Nikhila V	Queer Lives in India: A Study on Authorship, Representation and Legitimacy	Dr. Devendra Rankawat



DEPARTMENT OF ENVIRONMENTAL SCIENCE

Candidate Name	Title of the Dissertation	Supervisor Name
Anju Kumari	Analysis and simulation of Land use Land Cover changes and their impacts on Land Surface temperature in Bhagirathi Basin, Uttarakhand	Prof. Rajesh Kumar
Archit Arora	Assessment of Environment Quality of Jaipur city: An insight to pandemic-related lockdown on air quality.	Dr. Nivedita Chaudhary
Ashok Natwadiya	Analysis of particulate matter and dust deposition in mining and non-mining area of Kishangarh to Nasirabad region	Dr. Nivedita Chaudhary
B. S. Nithan	Efficacy of Machine Learning Algorithms in Prediction of Forest Fires due to Climate Change Influenced by IOD and ENSO Events in South - Eastern Australia	Dr. L.K. Sharma
Bedabrat Barooah	Biochemical effects of three personal care products on growth and development in Cicer arietinum (chickpea) and Vigna aconitifolia (moth bean)	Dr. Garima Kaushik
Bhawna Yadav	Determination of carbon speciation and nutrient utilization rate in monoalgal culture media of Chlorella sp.	Dr. Shailesh Kumar Patidar
Bhumika Sood	Mass balance and feature identification of Bara Shigri and Chhota Shigri glacier of Chandra Bhaga basin, western Himalayas	Prof. Rajesh Kumar
Gitika Sekhawat	Heavy metal detection in fruits and vegetables of local market in Jaipur	Dr. Ritu Singh
Khushboo Kala	Impacts of interaction and distribution of Alien species on the landscape ecology of the protected area using spatial distribution modelling	Dr. L.K. Sharma
Kirti Singhal	Determination of bisphenol a by using uv/vis spectrophotometer and its degradation and toxicity studies	Dr. Garima Kaushik
Kritika Somawat	Assessment of Ecotonal Indicators of the Great Indian Desert Using Spatio-temporal Dataset	Dr. L.K. Sharma
Mohit Singh	Study of insect diversity (Lepidoptera & Odonata) at Central University of Rajasthan, Bandar Sindri	Dr. Shailesh Kumar Patidar
Natasha Rathore	Qualitative assessment of dust pollution in the nearby regions of Central University of Rajasthan	Dr. Nivedita Chaudhary
Prafull Pareek	Dust Capturing Potential and Air Pollution Tolerance Index (APTI) of Industrial, Residential and Control Site of Kishangarh, Ajmer, Rajasthan	Dr. Ritu Singh
Rahul Kumar	Effects of COVID-19 lockdown on air quality and Public Health in Patna city, Bihar	Prof. Rajesh Kumar
Rakesh Kumar Saini	Assessment of groundwater quality in and around marble and granite Industrial area of Kishangarh, (Ajmer), Rajasthan	Dr. Ritu Singh
Saurabh Dhakad	Biochemical characterization of Dichanthium annulatum for biorefining	Dr. Shailesh Kumar Patidar
Shailesh	Analysis of Effect of Particulate Matter on plants at Mining,	Dr. Nivedita Chaudhary



	Residential and Highway sites of Kishangarh region, Rajasthan	
Shruti Prabha	Impact of covid-19 lockdown on ambient air quality in metropolitan cities of India	Prof. Rajesh Kumar
Sushila	Assessment of physico-chemical characterization and fluoride estimation in water samples collected from ajmer and jaipur district	Dr. Garima Kaushik
Vatsala	Fluoride exposure and risk assessment in ground water, soil and vegetation of rural Kishangarh	Dr. Ritu Singh
Vikas Rulaniya	Physico-biochemical analysis of wastewater from pulp and paper industry and it's effect on the germination rate of barley (<i>Hordeum vulgare</i>)	Dr. Garima Kaushik

DEPARTMENT OF HINDI

Candidate Name	Title of the Dissertation	Supervisor Name
Arti Kanoi	Kamaleshvar ke upanyas 'samudra me khoya Hua adami' me chitrit mahanagariy bodh	Dr.Sandeep Ranbhirker
Bodu Ram Yadav	Govind Mishra krit 'Dhul Poudho par' Upanyas ka Tatvik Adhyayan	Prof. N. Lakshmi Aiyar
Chaina Ram	Mamata Kaliya Krit 'Doud' Upnyas ka Tatvik Vishleshan	Prof. N. Lakshmi Aiyar
Geeta Choudhry	Usha Primvada krit'Rookogi Nahi Radhika' Upanyas mein Stri Samvedna: Ek Adhyayan	Dr. Mamata Khandal
Heena Kanwar Gour	n Shekhawat Krit ' Bhakar Ra Bhoumiya' mein Abhivyakt Adiwasi Samaj Aur Sanskriti	Dr. Suresh Singh Rathore
Lokesh Gurjar	Mithileshwar krit ' Sant na bandhe Ganthadi' Upnyas mein Abhivyakt Samasyaen	Dr. Suresh Singh Rathore
Manoj Biswas	Mahima Mehta krit sansmarantmak upanyas 'Parchaiyan' mein chitrit manav samvedna	Dr. Mamata khandal
Neelesh Kumar Pareek	Dr. Suraj Singh Negi Krit 'Vasiyat' Upnyas mein Abhivyakt Vridha Vimarsh	Dr. Suresh Singh Rathore
Sakshi Kumari	Mannu Bhandari Krit "Apka Banti" Upnnyas mein Chitrit Balmanovigyan	Dr. S.P. Mahendra
Sanju Choudhry	Alpana Mishra krit'Asthi Phool' Upanyas Aadiwasi vimarsh	Dr. Mamata khandal
Shrawan Kumar	Mohandas Neimishray ke upanyas 'Muktiparva' mein chitrit dalit vimarsha	Dr. Sandeep Ranbhirker
Shubhlata	Nasira Sharma ke "Shalmali" Upnnyas mein Stri Sangharsh	Dr. S.P. Mahendra
Sona Jat	Prabh Khetan krit " Chinnmasta" Upanyasmein Stri Vimarsh	Dr. S.P. Mahendra
Sukha Ram Meghwal	Jainendr Kumar ke Upnnyas "Tyagpatr" mein Samajik Chetna	Dr. S.P. Mahendra
Tapesihag	Pradeep Sourabh ke upanyas 'Teesari Taali' mein chitrit kinnar vimarsha	Dr. Sandeep Ranbhirker

DEPARTMENT OF MANAGEMENT



Candidate Name	Title of the Dissertation	Supervisor Name
Abhay Kumar Hupta	Consumer Behaviour Towards Online Shopping In India	Prof. Uma Sankar Mishra
Abhijeet Joshi	Comparison of Option Prices from Black-Scholes Model to Actual Market Values	Dr. Sanjay Kumar Garg
Aditya Vikram Rai	Consumer Behaviour Of Hero Motocorp.	Prof. Uma Sankar Mishra
Akshita Jain	A Comparative Study on Mutual Fund Companies In India	Dr. Sanjay Kumar Garg
Anurag Nama	Recruitment and selection at Big bazaar	Dr. Avantika Singh
Archana Pareek	A Comprehensive study on Impact of Stress on Employee	Dr. Avantika Singh
Arnab Saha	Effort Of A Marketer To Influence Consumer For Purchasing "Make In India" Products	Dr. Avantika Singh
Arpita Jain	Impact of COVID-19 Pandemic on Working Professionals	Dr. Avantika Singh
Dharmendra Singh	A Comprehensive study on Life Insurance Company in India	Dr. Sanjay Kumar Garg
Heena Alwani	A comprehensive study on Portfolio Selection and Assets Allocation Strategies in Personal Finance	Dr. Sanjay Kumar Garg
Jeramia George	A Study on "Employee Empowerment with respect to the Covid-19 Scenario"	Dr. Avantika Singh
Khusboo Yadav	Covid19 Employee Engagement Practices: Worldwide Concepts To Indian Realities	Dr. Tulsee Giri Goswami
Lavkesh Chaturvedi	Increasing Employee Satisfaction Through Motivation	Dr. Tulsee Giri Goswami
Mihir Gupta	Brand Loyalty And Customer Satisfaction In Online Retailing Company: - A Case Study On "AMAZON And FLIPKART"	Dr. Tulsee Giri Goswami
Mitesh Pawar	A Comparative Study between Tata Mutual Fund & Aditya Birla Sun Life Mutual Fund	Dr. Sanjay Kumar Garg
Nikhil Jain	A study of Insider Trading with special reference to selected case laws	Dr. Sanjay Kumar Garg
Paridhi Pawar	Consumer Preference For Online Entertainment Apps: A Comparative Study Of Amazon Prime Video & Netflix	Prof. Uma Sankar Mishra
Poonam Sangwan	WORLD OF WORK MAY CHANGE FOREVER Evolution Of HR Post Pandemic	Dr. Tulsee Giri Goswami
Rajnish Kumar Nirala	A Study On Level Of Customer Satisfaction Towards Hyundai Motors Gorakhpur	Prof. Uma Sankar Mishra
Ranveer Kumar	A Study On Investment Knowledge And Aptitude Among Students Of Higher Education In India	Dr. Sanjay Kumar Garg
Ritika Methwani	A Comparative Study on investment pattern of investors after COVID 19 in India	Dr. Sanjay Kumar Garg
Rohit Kumar	"A Comparative Study On Customer Satisfaction Towards Domino's Pizza & Pizza Hut Motihari"	Prof. Uma Sankar Mishra
Shikha Saloni	Status Of Maternity And Paternity Leave In India	Dr. Tulsee Giri Goswami
Shilpa Dargar	A study on factors affecting the performance of Banking	Dr. Sanjay Kumar Garg



	stocks in Indian capital market	
Siddharth Chahar	Role Of Advertisement Before Taking Admission In Central University Of Rajasthan	Prof. Uma Sankar Mishra
Sunita Kori	Health Care Challenges In Women's Health In India	Dr. Tulsee Giri Goswami
Tasha Jain	A Comparative Study on Non-Life Insurance Companies in India	Dr. Sanjay Kumar Garg

DEPARTMENT OF MATHEMATICS

Candidate Name	Title of the Dissertation	Supervisor Name
Aditya Kumar Soni	On the restricted Four-Body Problem	Dr. Ram Kishor
Anamika Kumari	Effectiveness and Implication of Mathematical Modeling in the teaching learning process of Mathematics	Dr. Jai Prakash Tripathi
Anooj Kumar	A Study on Challenges and Effectiveness of Digital Pedagogy in Mathematics Education	Dr. Vipul Kakkar
Bhupendra Gurjar	A Study on Pedagogical, Theoretical and Practical Concerns Related To Complex Numbers and Number Theory	Prof. Jugal K. Prajapat
Deepesh Yadav	A Study of Retrieval Queueing Model With Catastrophe Phenomenon	Dr. Vidyottama Jain
Devendra Kumar Danodia	On the n-Body Problem	Dr. Ram Kishor
Goutam Kawaliya	Awareness of machine learning among students	Dr. Amit Chakraborty
Gunjan	A Study of Learners' Difficulties and Effective Teaching Strategies in Calculus at Senior secondary Mathematics	Dr. Ram Kishor
Hariom	A Study an applications of Conics Teachers perception Towards Learning Conics Among Senior Secondary School Students	Dr. Vijay Kumar Yadav
Jatin Sharma	The Local Stability Analysis of a multistrain epidemic model with vaccination	Dr. Jai Prakash Tripathi
Jasvant Singh Gurjar	An Expository Study on Applications, Significances & Pedagogical Concerns of Mathematical Epidemiology	Dr. Jai Prakash Tripathi
Krishan Yadav	Attitude of students toward probability theory and random variable at senior secondary level	Dr. Vidyottama Jain
Lakshdeep Bharti	The Sitnikov problem on 3 masses	Dr. Ram Kishor
Manisha Kumari Meena	A Study of Pedagogical Concerns and Challenges in the Learning Trigonometry at Senior Secondary Schools	Prof. Jugal K. Prajapat
Manoj Choudhary	On the Elliptic Restricted Three Body Problem	Dr. Ram Kishor
Mohd Arif Jan	Generalized Hill's Problem: Lagrangian Hill's case	Dr. Ram Kishor
Pawan Kumar	A Brief survey on the Robe Restricted Three Body Problem	Dr. Ram Kishor
Pawan Pingal	A Study on Innovative Teaching Learning Practices and	Dr. Ram Kishor



	Learners Difficulties in Geometry	
Priyanka Kanwar	Difficulty facing by students in learning limit and derivative and application of derivative in real life	Dr. Ram Kishor
Rakesh Choudary	Linear Stability Analysis in the Circular Restricted Three Body Problem	Dr. Ram Kishor
Ramniwash	Interest in machine learning among teachers and students.	Dr. Amit Chakraborty
Ravi Choudhary	A Study of Challenges in Mathematics Learning Faced by Senior Secondary School Students	Prof. A. P. Singh
Ravi Prakash Rar	A Study on Application and Effectiveness of Mathematics in Biology	Dr. Jai Prakash Tripathi
Shruti Sharma	Learning Difficulties in Integral Calculus and its Teaching Ideas at Senior Secondary Level.	Dr. Vijay Kumar Yadav
Tarun Swami	Interest in Learning Probability Theory Among Senior Secondary School Students	Dr. Vidyottama Jain
Vikram Kumar	A Study of Learning Difficulties of the Learners in the Algebra and Effective Teaching Learning Strategies in the Learning Algebra at Senior Secondary School Mathematics	Dr. Vipul Kakkar
Yashpal Swami	On the Restricted Three Body Problem	Dr. Ram Kishor
Yogesh Kumar Jiyani	Application and importance of mathematical modeling	Dr. Jai Prakash Tripathi

DEPARTMENT OF MICROBIOLOGY (Integrated M.Sc. & M.Sc. Microbiology)

Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Tyagi	Evaluating the effect of salinity on photosynthetic pigments of cyanobacteria isolated from hypersaline-alkaline lake	Prof. Pawan K Dadheech
Adnan Khan	In-silico characterization of MsrA efflux pump of Staphylococcus aureus, molecular docking and in-vitro analysis of in-house compound library	Prof. Inshad Ali Khan
Alisha Mathur	Impact of nitrogen on phycobiliproteins content in Cyanospira sp. isolated from Sambhar Lake	Prof. Pawan K Dadheech
Anjali Bisawa	Structure Based Identification Of Inhibitors For Bacillus Anthracis Ppi-B For Anthrax Management	Dr. Deeksha Tripathi
Apoorva Dhanopiya	Bacterial endophytes from Banana (Musa acuminata) fruit: from antibiotic resistance to antagonistic activity against enteric bacteria”	Dr. Arvind Pratap Singh
Bhavana Thakur	Endophytic Bacteria Associated with Papaya (Carica papaya) Fruit: From Antibiotic Resistance to Biocontrol Agents against Enteric Bacteria	Dr. Arvind Pratap Singh
Deepika Kumari	DNA Extraction and Mycosporine like Amino Acid screening from selected Cyanobacterial strains	Dr. Akhil Agrawal



Garima Kanwar Shekhawat	Prediction of three dimensional structure of NorA efflux pump of Staphylococcus aureus using homology approach, molecular docking of the in-house library and in-vitro analysis of the identified hits	Prof. Inshad Ali Khan
Komal Alariya	Production of Bacterial Cellulose using Banana Peel as a Cost-Effective Nutrient Resource	Dr. Nidhi Pareek
Kumari Priyanka Chauhan	Structure Based Identification Of Inhibitors For Trigger Factor Of Bacillus For Anthrax Management	Dr. Deeksha Tripathi
Madhu Kumari	Investigating Binding Specificity of Prothionamide With Mycobacterium Tuberculosis InhA: A Molecular Dynamics Study	Dr. Deeksha Tripathi
Mamta Yadav	An experimental and in-silico study of fungal xylanase and its applications in fruit juice and paper industry	Prof. Pradeep Verma
Manish Rojra	Evaluation of Effectiveness of Sodium Nitroprusside to Control Souring in Oil field Samples	Dr. Akhil Agrawal
Nikita Sharma	Isolation of LDPE degrading bacteria from oil reservoirs of Duliajan, Assam	Dr. Akhil Agrawal
Priya Kumari	Identification of the biofilm formation gene as a drug target for the therapeutic against Helicobacter pylori	Dr. Vijay K. Verma
Ramratan Bijarniya	Isolation and Morphological Identification of Cyanobacteria Inhabiting Different Habitats	Prof. Pawan K Dadheech
Rupal Nigam	Bioinformatic analysis of outer membrane proteins/adhesion proteins of Helicobacter pylori to target against Antimicrobial peptides (AMPs)	Dr. Vijay K. Verma
Satish Rajpurohit	Targeting the Drug Resistant Enzyme(s) in Helicobacter pylori	Dr. Vijay K. Verma
Shiva Vaishnavi	Bioremediation of pharmaceuticals Diclofenac and Chloramphenicol using Laccase from White-Rot Fungi: An Experimental and In-Silico Analysis	Prof. Pradeep Verma
Teena Kumawat	Endophytic bacterial community in Grape (Vitis vinifera): From Antimicrobial resistance to enteric bacteria inhibitory activity	Dr. Arvind Pratap Singh
Tejaswini Anand	Combined Pretreatment of Chitin Employing Microwave Irradiation and Ionic Liquids for Enhanced Production of Glucosamine by A. terreus Chitinase	Dr. Nidhi Pareek
Trivendra Kumar Dhawan	Elucidation of 3D structure of Tet K efflux pump Staphylococcus aureus, molecular docking of the in-house library and in-vitro analysis of the identified hits	Prof. Inshad Ali Khan

DEPARTMENT OF PHARMACY

Candidate Name	Title of the Dissertation	Supervisor Name
Aayushi Bhatnagar	In-silico Evaluation and Synthesis of Noval Morpholinopyrimidine Derivatives as Potential PI3K Inhibitors	Dr. Ruchi Malik
Abhishek Yadav	Synthesis and computational studies of Quinazoline 3-oxides as potential NorA Efflux pump inhibitors	Prof. Amit K. Goyal/ Co-Supervised- Dr. Devesh M. Sawant



Anup Das	Development and Evaluation of Self Nano Emulsifying Drug Delivery System Co-Loaded with Doxorubicin Hydrochloride and Berberine for Efficacious Management of Breast Cancer	Dr. Kaisar Raza
Himani Singh	B-Cyclodextrin Modified PAMAM Dendrimers for the Effectives Delivery of Bortezomib :A Comparative study of Conjugation and Complexation	Dr. Umesh Gupta
Jitendra Kumar	Computational studies and Codelivery Approaches using Methotrexate and Piperine for Anti-Cancer Effect	Prof. Amit K. Goyal & Dr. Kaisar Raza
Kamlesh Thakur	Novel PVP-PHB Conjugate Based Polymeric Micelles for the Better Delivery of Paclitaxel	Prof. Amit K. Goyal & Dr. Umesh Gupta
Kavendra Singh	Pd/Cu Co-catalyzed intramolecular C-N coupling reaction for the synthesis of tricyclic imidazopyridine derivatives	Dr. Devesh M. Sawant
Meenakshi tailor	Effect of Liposomal Particle size on Biopharmaceutical Performance of Docetaxel	Dr. Kaisar Raza
Nancy	Dual delivery of mangiferin and Docetaxel for the treatment of cancer using Solid Lipid Nanocarrier	Dr. Kaisar Raza
Pinky Gehlot	Docking studies and Synthesis of 1,3-Diphenyl Pyrazole Derivatives as Base-1 Inhibitors to Target Alzheimers Disease	Dr. Ruchi Malik
Pooja Choudhary	Preparation and Evaluation of Docetaxel -B- Cyclodextrin Complex using Niosomes for Management of Cancer	Dr. Kaisar Raza
Rakhi	Synthesis ,Characterization ,and Optimization of Folate Eserified Conjugates forthe effective Delivery of Docetaxel	Dr. Kaisar Raza
Ranata Manna	Synthesis of benzo pyrido imidazo azapinone derivatives via alkylated imidazopyridines by C-N coupling reaction	Dr. Devesh M. Sawant
Reshu Singh	Adsorption of folic acid conjugated PLGA-Chitosan micelles of Doxorubicin Hydrochloride and Berast Canc	Prof. Amit K. Goyal & Dr. Kaisar Raza
Sanya Batheja	Galactosylated Albumin Nanoparticles for Improved Protein Binding ,Stability and Effective Delivery of Gemcitabine	Prof. Amit K. Goyal & Dr. Umesh Gupta
Shailesh Mani Tripathi	Identification of Pseudoknot Binding Agents for Inhibition of -1 Ribosomal Frameshifting in SARS-Co V2	Dr. Devesh M. Sawant
Shivam kumar	Computational studies and Synthesis of 3,4-dihydropyrimidin-2 (1H)-one Derivatives asGlycogen Synthesis Kinase -3 B inhibitors	Dr. Devesh M. Sawant
Smily	Development and Characterization of Gemctabine - Quercetin Loaded Lipid Polymer Hybrid Nanoparticles (LPHNs) against Breast Cancer	Dr. Umesh Gupta
Sofiya Tarannum	Hyaluronic Acid (HA) Engineered HPMA-PLA Nanoparticles for the Delivery of Bortezomib	Dr. Umesh Gupta
Sujeet Kumar Singh	Synthesis and computational studies of Aminotetrazole as Potential MsrA Pump inhibitors	Dr. Devesh M. Sawant
Tanisha Gupta	Development and Characterization of TMZ-PAMAM – siRNA Dendriplexes for the Effective Management of Glioblastoma Multiforme	Dr. Umesh Gupta
Vinay Kumar	Arginine Modified Dendrimer Based Approach for the Effective Brain Delivery of Donepezil	Dr. Umesh Gupta



DEPARTMENT OF PHYSICS

Candidate Name	Title of the Dissertation	Supervisor Name
Akanksha Agarwal	Effect of growth oxygen partial pressure on the physical properties of NiCo ₂ O ₄ thin films	Dr. Yugandhar Bitla
Akash Bashir	The Effect of Recombination Coefficient and Ionization Rate on Waveguide Instability in Quantum Plasmas	Dr. Sukhmander Singh
Amit Yadav	Interaction of plasma with microwave	Dr. Sukhmander Singh
Ankit Kumar	Numerical study of tight binding band structure of exotic lattice systems	Dr. Sahinur Reja
Ankur Gaud	Propagation study of the optical vortex beam through optical waveguide	Dr. Brijesh Kumar Singh
Annu	Enhancing the learning and teaching of thermodynamics	Dr. T. Sangeetha & Dr. Sandeep Kumar
Anuradha Chhipa	An analysis of ncert physics textbook for class 12 in reference to the questions	Dr. Sangeeta Yaduvanshi & Dr. Sukhmander Singh
Atul Raj Bansiwal	Study Of Polarization Singularity Of Complex Field	Dr. Brijesh Kumar Singh
Aviral Khandelwal	Impact of Traditional Games on Understanding of Physics Concepts among Senior Secondary Students	Dr. Anjali Sharma & Dr. Brijesh Kumar Singh
Debodyuti Kar	A Study on Nonlinear Electromagnetic Propagation in Ionosphere	Dr. Rajneesh Kumar Verma
Harshvardhan Singh	Misconception about Concept of Light among Secondary Students	Dr. Anjali Sharma & Dr. Brijesh Kumar Singh
Kisan Kumar Send	Teacher opinions about the conceptual challenges experienced in teaching "ELECTROSTATICS"	Dr. T. Sangeetha & Dr. Sukhmander Singh
Kshitij Singh Rathore	Cost Effective Transparent Conducting Oxide thin films of Al:ZnO Using Spin coating technique	Dr. Yugandhar Bitla
Mahesh Kumar Didwariya	Mind Mapping And Thinking Maps As A Pedagogical Tools In Teaching Basic Physics	Dr. Anjali Sharma & Dr. Rajneesh Kumar Verma
Manoj Kumar Meghwal	Fractals and Fractal Dimension in Real world	Prof. Manish Dev Shrimali
Mubarak Ali	Characterization of Graphene Oxide by UV/Vis Spectroscopy	Dr. Sandeep Kumar
Mukesh Kumar Barala	Synthesis and Structural Characterization of CeMnO ₃	Dr. Ajit K Patra
Nirmal Kumar	The Effect of Ionization and Recombination on Electron Beam Plasma Instability in Hall Thruster Devices	Dr. Sukhmander Singh
Pankaj Choudhary	To explore Students' and Teachers' belief towards physics laboratory	Dr. T. Sangeetha & Dr. Sandeep Kumar
Parvati Bai Meena	Spin Wave Theory in 2D (Square Lattice) in Quantum Theory of Solid State physics	Dr. Rakesh Kumar
Pritam Das	Depth Distribution Study For Implanted target	Prof. Maitreyee Nandy & Dr. Rajneesh Kumar Verma
Priyanka Saini	Study of conceptual misunderstanding of various grade	Dr. Anjali Sharma & Dr.



	science students about Heat and Temperature	Yugandhar Bitla
Rahul Nimbar	A Review On Nanogenerators For Energy Harvesting	Dr. Neeraj Panwar
Rahul Saini	Structural study of PEO/TiO ₂ polymer nanocomposite	Dr. Sandeep Kumar
Riya Ojha	In-phase and anti-phase synchronization in non-linear identical oscillators	Prof. Manish Dev Shrimali
Shilpa Sharma	Simulations Of Ultrashort Laser Pulse	Dr. P. Prem Kiran & Dr. Yugandhar Bitla
Sonam Meena	Exploration Of Order Disorder Transition In Magnetic System	Dr. Rakesh Kumar
Souradeep Bhattacharya	Delay Embedding Techniques for Nonlinear Time Series Analysis	Prof. Manish Dev Shrimali
Subham Mehta	Introduction to Electric Propulsion Technology	Dr. Sukhmander Singh
Subhash Beniwal	Students' perception towards online learning of physical science during covid-19 pandemic	Dr. Sangeeta Yaduvanshi & Dr. Sukhmander Singh
Suraj Kumar	Tight binding band structures of flat band systems on computer	Dr. Sahinur Reja
Vaibhav Yadav	Structural Properties of Bi _{1-x} CaxFe _{1-y} CryO ₃ (x, y = 0.1, 0.2)	Dr. Ajit K Patra & Dr. Yugandhar Bitla
Varsha Sokal	UV-Vis spectroscopy study of PEO/TiO ₂ Nanocomposites	Dr. Sandeep Kumar
Vishal Kumar Gupta	A study of space charge limited conduction mechanism	Dr. Sandeep Kumar
Yogesh Dhaka	Polycrystalline Co-Fe Based Soft Ferromagnetic Alloy	Dr. Ajit K Patra
Yuvraj Meena	Study the perception of university physics students for the virtual laboratory of physics	Dr. Sangeeta Yaduvanshi & Dr. Sukhmander Singh

DEPARTMENT OF PUBLIC POLICY, LAW AND GOVERNANCE

Candidate Name	Title of the Dissertation	Supervisor Name
Abhinav	Emerging trends in digital governance – A study of the bihar right to public Grievance redressal act, 2015 and its Impact in the state of bihar	Dr. Anjan Kumar Sahu
Aman Maharaniya	Health Policy of Rajasthan on Covid-19 : A Study of governmental and bureaucratic response to the pandemic	Dr. C. Jeevan Kumar
Ananthakrishnan H	Impact of e-learning on Student's Performance: A Case Study of Integrated Programme in Central University of Rajasthan	Dr. C. Jeevan Kumar
Ananya Srivastava	Women Behind the Closed Doors- A Prevention Policy Approach to Study Domestic Violence in India	Dr. S. Kandasamy
Dahiya Laxmi Devilaljee	Child Marriage in Rajasthan: Impact of Government Policy to Prevent Child Marriage	Dr. S. Kandasamy
Dawny Johnson	Digital Democracy and Citizen Articulation: Impact of Social Media on Voter Behaviour in Kerala	Dr. Gyana Ranjan Panda
Deepak Kumar	Study of pmay-g for socio-	Dr. Anjan Kumar Sahu



Meena	Psychological changes in beneficiaries Life in gram panchayat padana of sawai Madhopur, rajasthan during 2016-2021	
Deepika Shastri	The Role of Religion in Influencing Public Policies in India: Peoples Perspectives in Uttarpradesh	Dr. S. Kandasamy
Karuna Rajpurohit	Women and Local Governance in India: A Case study of Kotdi Gram Panchayat of Ajmer District	Prof. S.N Ambedkar
Lianthangpuii	Digital india programme in north eastern region: the study of its implementation in mizoram	Dr. Gyana Ranjan Panda
Sapan Kumar Roul	Panchayat Raj System in India	Dr. S. Kandasamy

DEPARTMENT OF SOCIAL WORK

Candidate Name	Title of the Dissertation	Supervisor Name
Abhijith Stanly	Impact Of Covid 19 On Unorganized Sector: A Case Study Of Chapparapadava Grama Panchayat	Dr.Jagdish Jadhav
Adarsh Raj	Impact Of Covid-19 Pandemic On The Wellbeing Of Farmers In Sundarpatti Village	Dr.Shaizy Ahmed
Ajmal Roshan	Drop Out Among Muslim Women In Higher Education: A Case Study On Pinarayi Panchayath	Dr.Shaizy Ahmed
Aleena Jose	Impact of Wild Animals Attack on Residents of Aralam Grama Panchayat	Dr.Rajeev MM
Ashutosh Kumar	Impact of Covid-19 on College going Students from Nalanda Panchayat .	Dr.D.P. Negi
Chaithanya K	A study on impact of covid- 19 among youth of Kannur district, Kerala	Dr.Atiq Ahmed
Jittu George	COVID 19 And Migrant Workers In Gulf Country: A Case Of Malayalee Migrants In United Arab Emirates	Dr.D.P. Negi
Mijo Mathew	Impact of COVID-19 on Family Life, Educational Engagement and Psychological Status of the Students of 10th Class, Living in Lotiyana Panchayath, Beawar, Rajasthan	Dr.Subhasis Bhadra
Muhammed Sajid	Psychological well-being of divorced women in Karunagappally taluka	Dr.Shaizy Ahmed
Narendra Singh Khangarot	Covid-19-The Socio-Economic Conditions of Women in Dang Village, Ajmer District	Dr.Rajeev MM
Neena Raju	A Study on Impact of Covid-19 on the Transgender Community, With Special Reference to Kerala State in India	Dr.D.P. Negi
Pritam Singh	The Challenges And Support Systems Among The Women Members Of Shgs In Lotiyana (Beawar Rajasthan) Panchayat During Pandemic	Dr.Subhasis Bhadra
Ravikant	Impact Of Covid-19 On Girl Child Education: A Case Study Of Sareli Village In Haryana State	Dr.Jagdish Jadhav
Raziya Batool	Reverse Inclusive Education In Rajasthan: Acase Study Of Two Inclusive Schools Inajmer District,Rajasthan	Dr.Atiq Ahmed
Sharan Ann	A Study on Socio- Economic Impact of Covid-19 on Fisher	Dr.Rajeev MM



Thomas	Folk Women at Thangaserry in Kollam District, Kerala	
Vishnu Raj	A Study On Identifying The Academic Backwardness Among Scheduled Tribe In Mattapara Colony Of Ambalavayal Gram Panchayat	Dr. Atiq Ahmed

DEPARTMENT OF SPORTS BIOSCIENCES

Candidate Name	Title of the Dissertation	Supervisor Name
Arathi Das M T	Mindfulness and Nutritional Knowledge Predicting Eating Behavior Among Athletes	Dr. Neethu P S
Aswiny Mohandas	Nutritional assessment of judo players	Dr. Neha Singh
Aswiny Mohandas	Nutritional Assessment of Judo Players	Dr. Neha Singh
Eshita Pareek	Physical activity and nutritional awareness among fitness tracker and nutrition app users and non users	Dr. Neha Singh
Eshita Pareek	Physical Activity and Nutritional Awareness among Fitness Tracker and Nutrition App Users and Non-users	Dr. Neha Singh
Mohit Dhariwal	Nutritional Assessment of National Level Male and Female WUSHU Players	Dr. Sunil G. Purohit
Pragya Shekhar	Effect of Concurrent Training on Pulmonary Function of Sedentary Individuals	Dr. Hemant Naick B
Rahul Fageria	Comparative Study of Dietary Intake between Volleyball and Hockey Players	Dr. Sunil G. Purohit
Sneha Jha	Relationship of orthorexia nervosa with personality and perfectionism among nutrition students and gym goers	Dr. Guneet Inder Jit Kaur
Sreyashi Sen	Eating Attitude, Eating Behavior and Body Image Satisfaction Among Female Athletes	Dr. Neethu P S
Yogesh Kumar	Effect of Strength and Coordination Exercises On Reaction Time of Sedentary Individuals	Dr. Hemant Naick B

DEPARTMENT OF SOCIETY TECHNOLOGY INTERFACE

Candidate Name	Title of the Dissertation	Supervisor Name
Anik Kumar	Digital Marketing- Customer Behaviour Toward Email Marketing.	Dr. Rahul Shukla
Anurudh Kumar	The role of DDU-GKY: a case study of Effective skill India programme for Patna District in the state of Bihar	Prof. Uma Sankar Mishra
Ashok Saini	Satisfaction Level of Citizens toward the Common Service Centers in Rajasthan	Dr. Jaya Kritika Ojha
Atul Raj	Creating Digital Space for Grassroots Innovation A case of National Innovation Foundation-India (NIF)	Dr. Jaya Kritika Ojha
Lushika Vatsa	Online Shopping: Factors Affecting Consumer's Behaviour of Saharsa District of Bihar	Dr. Rahul Shukla



Manish Tarun	Protecting Privacy in Digital Age: A case study of Samastipur District of Bihar	Dr. Gyana Ranjan Panda
Mudita Joshi	Understanding of the role of innovation for the growth and development of Small-Scale Farmers	Dr. Wairokpm Premi Devi
Neha Mishra	Risk benefit analysis of the privacy trade-offs in open government data portals	Dr. Wairokpm Premi Devi
Pranav Patel	Exploration of Google Data Studio as Data: Analytics for Kaushal Bharat	Prof. Uma Sankar Mishra
Ronak Maheshwari	Restoring livelihoods by deploying ICT based solutions: A case study of DDU-GKY Migrant beneficiaries across India amid COVID-19 pandemic	Prof. Jagdish Jadhav & Prof. Uma Sankar Mishra
Shiv Kumar	Role of ICT in Disaster Mitigation: A case study on Aarogya Setu Application during Outbreak of COVID-19 in India	Dr. Gyana Ranjan Panda
Swati Chhikara	e-Enablement of Panchayati Raj Institutions	Prof. Jagdish Jadhav & Dr. Gyana Ranjan Panda

DEPARTMENT OF SPORTS BIOMECHANICS

Candidate Name	Title of the Dissertation	Supervisor Name
Akshay Suresh	Dynamics Of Blow To The Head In Amateur Boxers	Dr. M. Marieswaran
Mohor Chattopadhyay	Foot Strike Patterns, Anthropometric Parameters and Somatotypes in Optimizing Multi-Sprint Sports Performance	Dr. M. Marieswaran

DEPARTMENT OF SPORTS BIOSCIENCE

Candidate Name	Title of the Dissertation	Supervisor Name
Arathi Das M T	Mindfulness and Nutritional Knowledge Predicting Eating Behavior Among Athletes	Dr. Neethu P S
Aswiny Mohandas	Nutritional Assessment of Judo Players	Dr Neha Singh
Eshita Pareek	Physical Activity and Nutritional Awareness among Fitness Tracker and Nutrition App Users and Non-users	Dr Neha Singh
Mohit Dhariwal	Nutritional Assessment of National Level Male and Female WUSHU Players	Dr. Sunil G. Purohit
Pragya Shekhar	Effect of Concurrent Training on Pulmonary Function of Sedentary Individuals	Dr Hemant Naick B
Rahul Fageria	Comparative Study of Dietary Intake between Volleyball and Hockey Players	Dr. Sunil G. Purohit
Sneha Jha	Relationship of orthorexia nervosa with personality and perfectionism among nutrition students and gym goers	Dr. Guneet Inder Jit Kaur
Sreyashi Sen	Eating Attitude, Eating Behavior and Body Image Satisfaction Among Female Athletes	Dr. Neethu P S
Yogesh Kumar	Effect of Strength and Coordination Exercises On Reaction Time of Sedentary Individuals	Dr Hemant Naick B



DEPARTMENT OF STATISTICS

Candidate Name	Title of the Dissertation	Supervisor Name
Amit Kumar Kushwaha	Time Truncated Single Acceptance Sampling Inspection Plan Based on Burr-Hatke Exponential Distribution	Dr. Mahendra Saha
Antara Biswas	Modelling of Covid-19 Outbreak in India in Reference to Infection and Mortality	Dr. Jitendra Kumar
Bobika Anand	An Approach of Modelling of Infection of Various Stages of COVID-19 Infection Worldwide	Dr. Jitendra Kumar
Chandra Mani Prasad	Enhanced Ratio and Product Type Estimators for estimating Population Mode using Auxiliary Information in Simple Random Sampling	Dr. Sanjay Kumar
Harsh Tripathi	Some Problems On Sampling Inspection Plan: Statistical Inference And Applications	Dr. Mahendra Saha
Hemang Mittal	Estimation of the Contribution of Farmers in Indian Economy	Dr. Jitendra Kumar
Ishita Hambir	Application of Process Capability Index for Non-Normal Distribution	Dr. Mahendra Saha
Karan Saini	Improved Ratio and Product Type Estimators of Population Mode in Two-Phase Sampling	Dr. Sanjay Kumar
Mohammed Afreed K	Redictive Ratio and Product Type Estimators for Population Mean using Auxiliary Information in the Presence of Correlated Measurement Error	Dr. Sanjay Kumar
Prity Suman	Application of process capability index for normally distributed quality characteristics	Dr. Mahendra Saha
Shaily Gupta	Time Truncated Group Acceptance Sampling Inspection Plan Based on Gompertz Distribution	Dr. Mahendra Saha
Shivnrayan Gurjar	Estimation of the Contribution of Farmers in Indian Economy	Dr. Jitendra Kumar
Sumit Kumar	Some Problems On Process Capability Studies: Statistical Inference And Applications	Dr. Mahendra Saha
Yogesh Pandiya	Ratio- And Product-Type Estimators for Population Mean using Auxiliary Information in the Presence Of Correlated Measurement Error	Dr. Sanjay Kumar



Students' Placements and Achievements

DEPARTMENT OF ATMOSPHERIC SCIENCE

Name of the Student	Organization/Company name/Achievement
Harithasree S	Ph.D. in Physical Research Laboratory, Ahmedabad
Sohan Pal Meena	Ph.D. in National Institute of Oceanography, Goa
Saswat Dash	Project Associate, Energy and Resources Institute, New Delhi
Ankit	Ph.D. in Indian Institute of Technology Madras, Chennai
Mushaid P P	Ph.D. in SRM University, Chennai
Sanjukta Ghosh	JRF, Indian Institute of Technology Delhi, New Delhi
Sumitra Sharma	JRF, Indian Institute of Technology Delhi, New Delhi

DEPARTMENT OF ARCHITECTURE

Name of the Student	Organization/Company name/Achievement
Diksha Bharti	Self-Employ
Matsushita Sharma	Architect, AJ Studio, Jaipur
Pooja Arora	Project Consultant At IES LTD., Pune
Shefali Rashi	Inception Consultancy and Associates, Amravati, Maharashtra
Akshay Gupta	Assistant Professor (Contractual) at Faculty of Architecture and Planning Dr. A.P.J. Abdul Kalam Technical University, Lucknow.
Garima Agarwal	Self-Employ
Praveen Rohilla	Architect, at ARINEM Consultancy Services Pvt. Ltd. Hauz Khas, New Delhi
Saranya Divakaran Pc	Assistant Professor (Contractual) Talent Institute of Architecture, Kerala
Silvi Jhangra	Architect, AJ Studio, Jaipur
Tushar Kolhe	Naksha Studio, Kalkaji, New Delhi
Aman Kumar	Hill ARC H Studio, Kullu, Himachal Pradesh
Arsha Gitty George	Assistant Professor at IES College of Architecture, Thrissur, Kerala

DEPARTMENT OF BIOCHEMISTRY

Name of the Student	Organization/Company Name/Achievement
Kunal Gupta	Assistant Manager, RBI, Jaipur
Tanu Sharma	Doing Postdoc at Loyola University Chicago
Karthikey Sharma	Doing Ph.D., at IIT, Hyderabad, GATE 2021,
Vaishnavi Tripathi	Doing Ph.D., at IGIB, Delhi, CSIR NET JRF (2020)
Seema Kuldeep	Doing Ph.D., at IIT, Kanpur, GATE 2021
Priyanshi Rana	Doing Ph.D., at IISC, Bangalore
Richa Joshi	Doing Ph.D., at IIT Mandi
Hemant Kumar	DBT JRF (2020), GATE (2021), CSIR NET L.S (2020)
Deepika	GATE (2021), CSIR NET L.S (2020)
Akshay P S	GATE 2021
Prashant Puri	GATE 2021
Pratima Jhanwar	GATE 2021
Karishma Rawat	GATE 2021
Aakash Chaudhary	GATE 2021



DEPARTMENT OF BIOTECHNOLOGY

Name of the Student	Organization/Company name/Achievement
Lovely Joshi	Joined in Ph.D. Programme at CSIR -IGBI
Harshita agarwal	Joined in Ph.D. Programme at IIT Jodhpur
Harsh Vardhan Singh	Joined in Ph.D. Programme at IISER, Bhopal

DEPARTMENT OF CHEMISTRY

Name of the Student	Organization/Company Name/Achievement
Tanver Alam Khan	Assistant Professor, Sophia Girls College, Ajmer
Seema Yadav	Assistant Professor, Poornima University, Jaipur
Surbhi Jain	Alankar PG College, Jaipur
Mukhesh Dhakar	Enrolled Ph.D. in M.L.S.U, Udaipur
Manoj Pradhan	Enrolled Ph.D. in IISER, Kolkata
Rajani Meena	Enrolled Ph.D. in IIT, Guwahati
Garvita Dhanawat	Enrolled Ph.D. in IIT, Kanpur
Kritika Dogra	Enrolled Ph.D. in Shiv Nadar University, Noida
Kailash Mohar	Enrolled Ph.D. in IIT, Guwahati
Yogita Gupta	Enrolled Ph.D. in Shiv Nadar University, Noida
Mahendra Jangid	Junior Scientific Officer, (BARC)
Neha Singh	Provisional Officer in Canara bank
Komal	Lectureship, Punjab Public Service commission
Chandni Soni	Qualified NET-JRF (Rank - 88) and GATE (AIR - 3358)
Mr. Manoj Pradhan	Qualified NET-JRF (Rank - 98)
Mr. Manish Chauhan	Qualified NET-JRF (Rank - 133)
Ms. Neha Mathur	Qualified GATE (AIR - 808)
Mr. Chittaranjan Mishra	Qualified GATE (AIR - 3636)
Ms. Khushbu	Qualified GATE (AIR - 2124)
Ms. Jayshree Samanta	Qualified GATE (AIR - 1576)
Ms. Surbhi Bhatt	Awarded Best Oral Presentation, International Conference on Recent Trend in Chemistry and Environment (RTCE-2021)

DEPARTMENT OF COMMERCE

Name of the Student	Organization/Company Name/Achievement
Varsha Rustagi	Director, DDR College of Management and Technology, Gurugram, Haryana
Aditya Chaturvedi,	Accounting Executive, Silaris Information Pvt. Ltd., New Delhi

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of the Student	Organization/Company name/Achievement
Neha Kumari	Cognizant
Narender Kumar	Assistant Professor, Jayoti Vidyapeeth Women's University, Jaipur

DEPARTMENT OF COMPUTER SCIENCE

Name of the Student	Organization/Company name/Achievement
Raj Roshan,	SEVA Enterprise Ltd US Based, Ajmer
Ajay Saini	Solatics Partner, US Based company, Pune
Ankit Doubey	Contact Point 360, Gurugram
Meenu Sharma	CHEGG, Online Education Platform

**DEPARTMENT OF CULTURE AND MEDIA STUDIES**

Name of the Student	Organization/Company name/Achievement
Nikhil Mittal	Flytbase Labs, Pune
Sachin Yaduvanshi	Erasmus Mundus Scholar pursuing DocNomads

DEPARTMENT OF DATA SCIENCE AND ANALYTICS

Name of the Student	Organization/Company name/Achievement
Kajal Yadav	Data Science Consultant Intern
Bharat Choudhary	Data Scientist at Capital Float
Sourabh Kumar Burnwal	Machine Learning Engineer
Panwar Abhash Anil	Data Scientist
Nabamita Chakraborty	ASSOCIATE DATA SCIENTIST
Akhitha Babu	Systems Engineer at TCS
Pranjal Soni	Jr. Data Scientist
Ankit Kumar	Software Engineer
Anshuman Yadav	-
DILIP KUMAR	Assistant system Engineer
Madhvendra Mishra	-
Abhinav Ruhela	Machine Learning Engineer

DEPARTMENT OF ENGLISH

Name of the Student	Organization/Company name/Achievement
Meghdeep Saha	Post-Graduate Teacher, Shashi School of Commerce, Bhagalpur
Kaushik Bhuyan	Assistant Professor of English, ASBM University, Bhubaneswar,
Rahul Kumar	Translator, Rajasthan High Court, Jaipur Bench, Rajasthan
Jaiveer Singh	Translator: Passport Office, Jaipur, Rajasthan
Snehil Rankawat	PhD from Jai Narain Vyas University, Jodhpur
Vijay Gupta	Assistant, Urban Housing Society, New Delhi
Banarsi Bhamu	School Lecturer, Government School, Jodhpur, Rajasthan
Pummy Sharma	PhD from IIT, Jammu
Nisha Paliwal	PhD from IIT Jodhpur, Rajasthan
Anita Choudhary	PhD from Shyam University, Dausa, Rajasthan
Monika	PhD from CURAJ, Ajmer, Rajasthan
Prakhar Srivastava	PhD from CURAJ, Ajmer, Rajasthan
Raunak Singh	School Teacher, Government School, Delhi
Sreelakshmi	PGT in Sikar, Rajasthan
Ankit Sharma	PhD from Punjab Central University, Chandigarh
Mamta Mehra	PhD from Punjab Central University, Chandigarh
Ramesh Suthar	PhD from Jai Narain Vyas University, Jodhpur,
Vivek Pichoniya	TGT, Navodaya Vidyalaya, Manipur
Manisha Khichar	School Lecturer, Government School, Dholpur, Rajasthan
Manisha Akodiya	School Lecturer, Government School, Rajasthan

DEPARTMENT OF EDUCATION

Name of the Student	Organization/Company name/Achievement
Madhu Yadav	Branch Post Master
Anand Mohan	PGT(Contractual) in JNV, Nagaland
ChayanikaSharma	GATE
Ranjeet Bijarniya	CTET



Manish Meel	GATE
Nitin Chaudhary	GATE
Rakesh Verma	GATE
Jitendra Gadwal	CTET
Monika	CSIR NET-JRF
Sunil Kumar	CTET
AnshikaYada	CSIR NET-JRF
Abhishek lavaniya	CTET
Taniya	CTET
Vijay Kumar Kumawat	CTET
Mahendra Kumar Hinonia	CTET

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Name of the Student	Organization/Company name/Achievement
Kritika Somawat	Junior Scientific officer, RSPCB, 2021
Swatantra Kumar Dubey	Post-Doctoral Fellow, South Korea
Teaching Assistant, Department of Life Science Hemchandracharya North Gujarat University	
Preksha Palsania	Doing Ph.D. at Central University of Rajasthan
Lukeshwari Shyam	Doing Ph.D. at IARI, New Delhi
Prasoon Kumari Dwivedi	Doing Ph.D. at TERI University New Delhi
Preksha Palsania	UGC- JRF, 2020
Prasoon Kumari Dwivedi	UGC-NET, 2019, UGC- JRF 2020
K. Sheetal	UGC-NET, 2019
Lukeshwari Shyam	UGC-NET- JRF, 2020

DEPARTMENT OF LINGUISTICS

Name of the Student	Organization/Company name/Achievement
N/A	NA

DEPARTMENT OF MICROBIOLOGY

Name of the Student	Organization/Company name/Achievement
Anuj Kumar Tomar	Assistant Professor (Adhoc) at Department of Life Sciences in the Central University of Karnataka

DEPARTMENT OF MANAGEMENT

Name of the Student	Organization/Company name/Achievement
Akshita Jain	Morning Star Investment Advisor Ltd., Mumbai
Heena Alwani	Morning Star Investment Advisor Ltd., Mumbai
Ritika Methwani	Morning Star Investment Advisor Ltd., Mumbai
SHILPA DARGAR	Morning Star Investment Advisor Ltd., Mumbai

DEPARTMENT OF MATHEMATICS

Name of the Student	Organization/Company name/Achievement
Soumen Bera	Post-doc, University of Tennessee, Knoxville (USA)
Mubasher Rashid Rather	Post-doc, IISc, Bangalore
Neesha Saini	PGT (Post Graduate Teacher)



Nisha	PGT (Post Graduate Teacher)
Kavita Kumari	PGT (Post Graduate Teacher)
Kartik Sharma	TGT (Trained Graduate Teacher)
Hardeep Singh	TGT
Anita Bhamu	LDC (RMSSB)
Anil Godara	INDIAN AIR FORCE
Abhishek	NET/JRF
Monika	NET/JRF
Anshika Yadav	NET/JRF
Ravi Prakash Rar	NET/JRF
Vikram Kumar	NET/JRF
Indu Bala	NET
Mohit Sharma	GATE/NET
Praveen Joshi	GATE
Komal Kumari	GATE
Shrichand Bhuria	GATE
Peeyushi Jain	GATE
Abhishek Lavaniya	CTET (Central Teacher Eligibility Test)
Taniya	CTET
Vijay Kumar Kumawat	CTET
Madhu Yadav	CTET
Mahendra Kumar Hinonia	CTET
Komal Joshi	CTET
Sunil Kumar	CTET
Ashish Poonia	Ph.D., IIT Guwahati
Tarun Kumar	M. Sc., IIT MANDI
Yogesh Kumar Kumhar	M. Sc., IIT MADRAS
Naveen Kumar Gupta	PG DIPLOMA, ISI CHENNAI
Aastha	M. Sc., IIT MANDI
Ankur Rao	M. Sc., IIT BOMBAY
Pankaj Hemnani	M. Sc., IIT MANDI

DEPARTMENT OF PHARMACY

Name of the Student	Organization/Company name/Achievement
Avinash Gothwal	Postdoctoral Research Associate at North Dakota State University (NSDU), USA
Arsad Jamal Ansari	Postdoctoral Research Associate at Indian Institute of Science Education and Research (IISER), Mohali
Lokesh Kaushik	Assistant Professor at Nootan Pharmacy College, Sankalchand Patel University, Visnagar, Gujarat
Tanisha Gupta	Pursuing Ph.D. at National Institute of Pharmaceutical Education and Research (NIPER), Ahmedabad
Shailesh Tripathi	Pursuing Ph.D. at Birla Institute of Technology and Science (BITS), Pilani
Pinky Gehlot	Pursuing Ph.D. at Nirma University, Ahmedabad
Nancy	Parexel India Pvt. Ltd.
Sofiya Tarannum	Parexel India Pvt. Ltd.
Abhishek Yadav	Self-employment

DEPARTMENT OF PHYSICS

Name of the Student	Organization/Company name/Achievement
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Vikram Singh Reggar,	RPSC I Grade Lecture, Physics
Rajesh Kumar	RPSC I Grade Lecture, Physics
Payal Suwalka	RPSC I Grade Lecture, Physics
Sunil Kumar Meena	RPSC I Grade Lecture, Physics
Subhash Meena	RPSC I Grade Lecture, Physics
Balram Meena	RPSC I Grade Lecture, Physics
Lalit Singh Rathore.	RPSC I Grade Lecture, Physics
Basant Kumar Doot	Statistical Officer, Rajasthan
Shubham Dwivedi	DRDO, Jodhpur

DEPARTMENT OF SOCIETY TECHNOLOGY INTERFACE

Name of the Student	Organization/Company name/Achievement
Anurudh Kumar	Assistant System Engineer, Tata Consultancy Services
Shiv Kumar	U.P. State Rural Livelihood Mission
Anik Kumar	IT & MIS Executive, SeSTA Development Services, Assam

DEPARTMENT OF SOCIAL WORK

Name of the Student	Organization/Company name/Achievement
Adarsh Raj	Consultant Project Trainee, PRAGYA, for Chamba Himachal Pradesh
Narendra Singh Khangarot	Joined Rajasthan Police
Neena Raju	Welfare Officer, Victory Paper & Board (India) Ltd. Karudayampalayam, Tamilnadu
Pritam Singh	Livelihood Officer, Magic Bus, Ajmer
Ravikant	Senior Associate, Pin Click property Management
Sharon Ann Thomas	Project Coordinator, Nehru Yuwa Kendra, Kerala

DEPARTMENT OF SPORTS BIOSCIENCES

Name of the Student	Organization/Company name/Achievement
Anjali Vashishth	UGC NET-LS
Priya Tiwari	Sports Authority of India (SAI Bhopal)
Nidhi Saxena	Sports Authority of India (SAI Gandhinagar)
Mohit Dhariwal	UGC NET-LS; Olympics Gold Quest (OGQ)
Eshita Pareek	Helalthfyme Willness Pvt.Ltd.

DEPARTMENT OF SPORTS BIOMECHANICS

Name of the Student	Organization/Company name/Achievement
Mohor Chattopadhyay	UGC NET-LS

DEPARTMENT OF SPORTS PSYCHOLOGY

Name of the Student	Organization/Company name/Achievement
NIL	NA

DEPARTMENT OF STATISTICS

Name of the Student	Organization/Company name/Achievement
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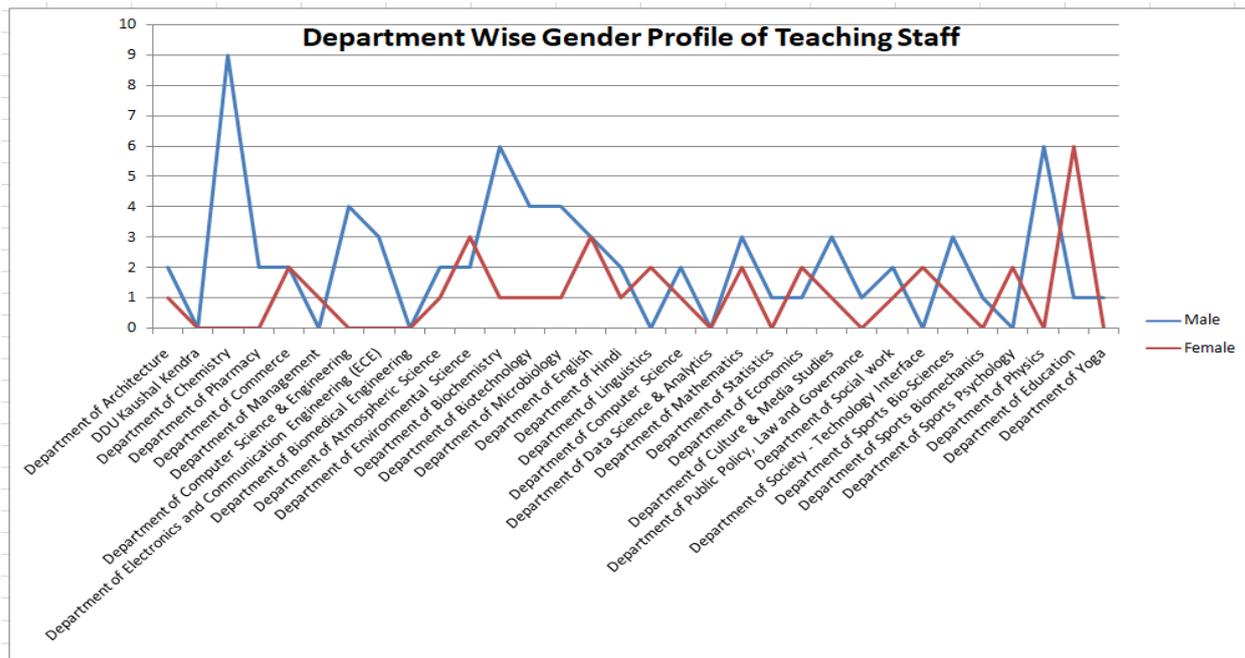
Sumit Kumar	Assistant Professor, Department of Engineering & Physical Sciences, IAR, Gandhinagar, Gujarat, India
Varun Agiwal,	Senior Lecturer (Biostatistics), Indian Institute of Public Health, Hyderabad
Shivanshu Kumar	Statistical Assistant, Delhi Subordinate Services Selection Commission (DSSSB), Planning Department, New Delhi.
Rajini Prajapat	ASO (Agriculture department Rajasthan)
Rajapal	ASO (Agriculture department Rajasthan)
Mamta Chaudhary	ISS Officer



Gender Audit

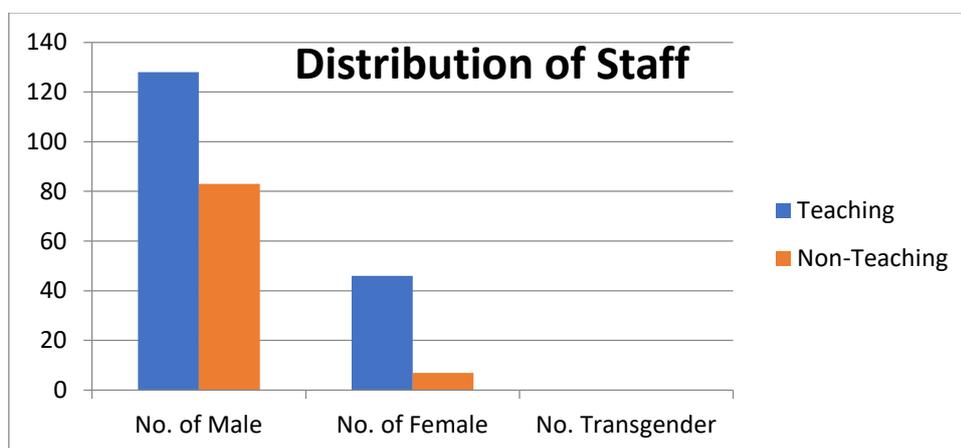
The Gender Audit Committee of the University conducted the Audit for the year 2020-21. A brief report of the staff (teaching and non-teaching), students, and infrastructural facilities is presented below:

1. Department Wise Gender Profile of Teaching Staff



The male faculty outnumber female, in the overall representation. Department of Linguistics has no male faculty whereas no female staff figures in the Department of Physics, Sports Biomechanics, Statistics, Atmospheric Science, Public Policy, Law & Governance and Chemistry.

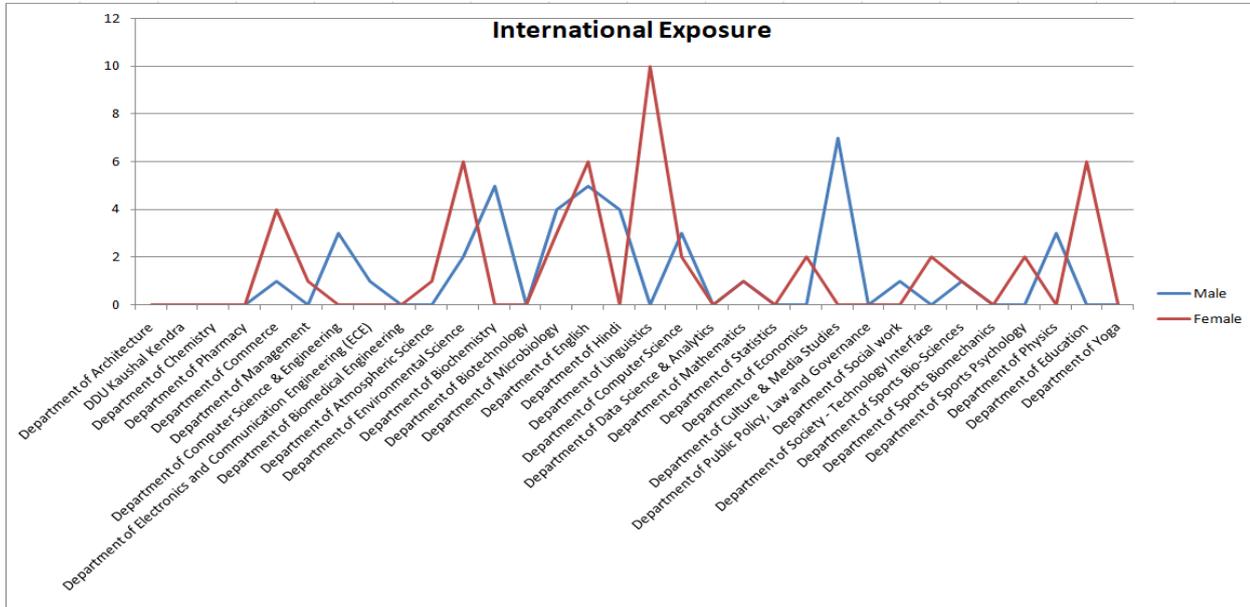
2. Distribution of Staff





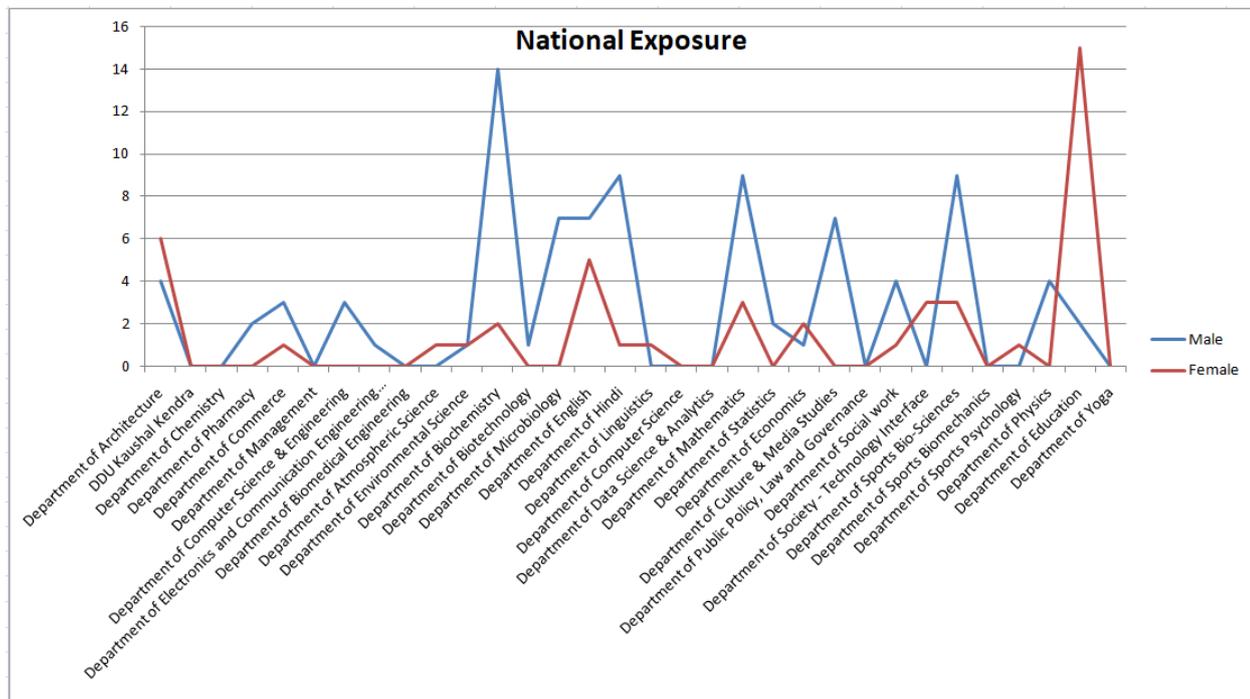
In comparison to Academics, female representation is less in Administrative Departments.

3. International Exposure



There is a growth in the participation of female faculty members in the International Academic events in the year 2020-21 as compared to the previous few years.

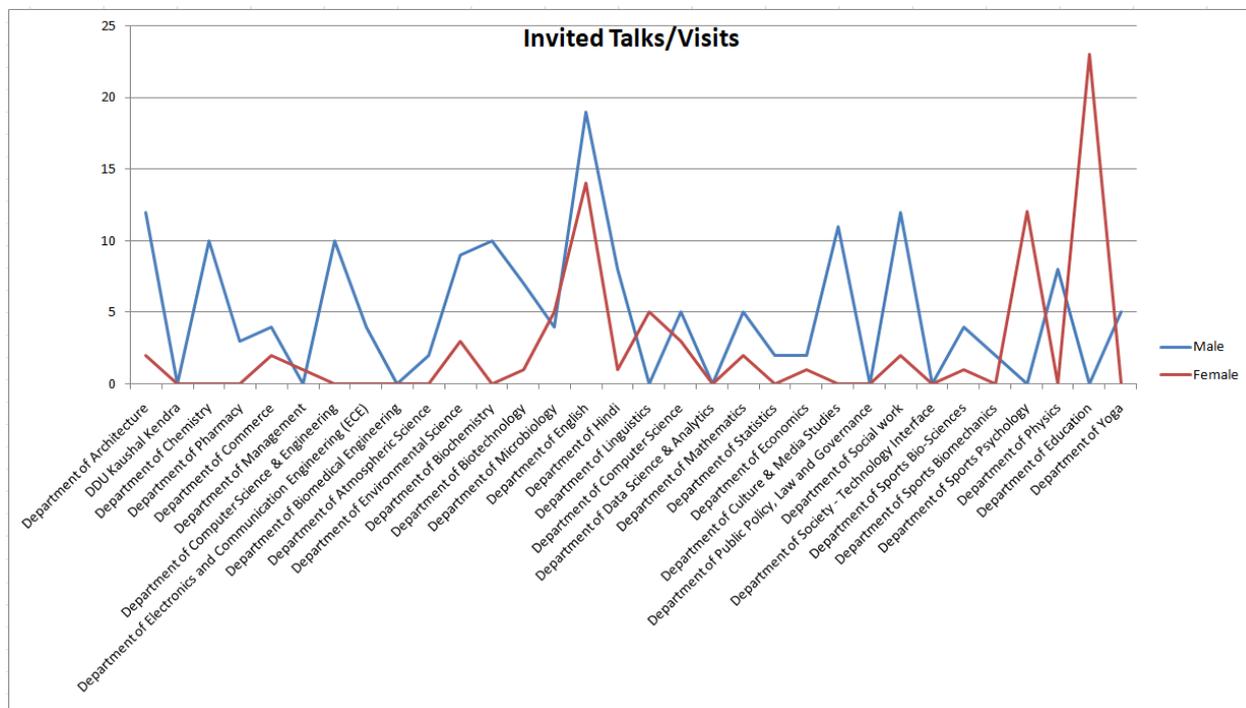
4. National Exposure



Both male and female staff participated fairly well in national academic events in almost all Departments.

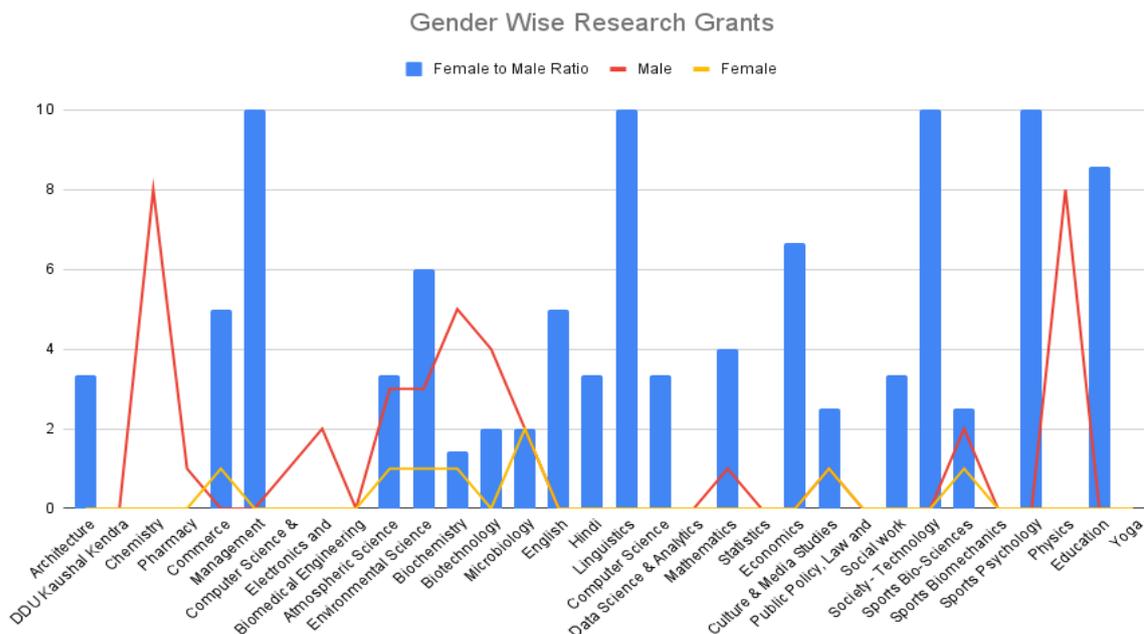


5. Invited Talks/Visits



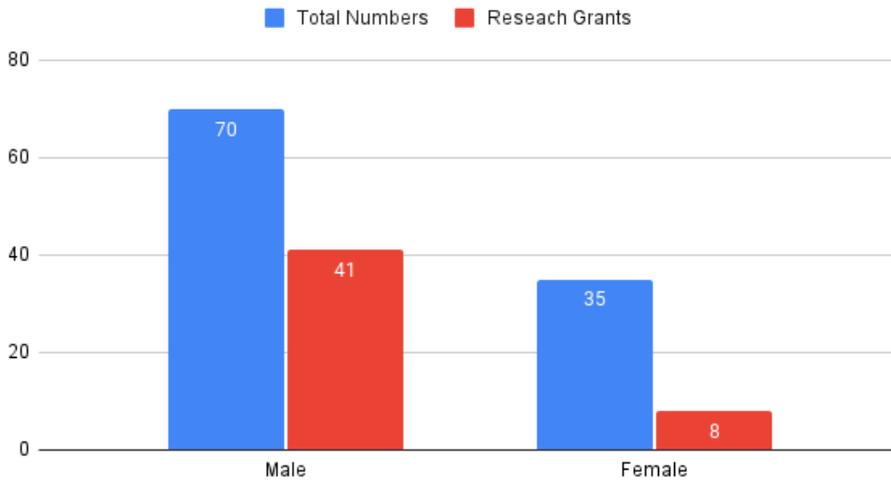
The graph projects active participation of both the genders in terms of invited lectures.

6. Research Grants received



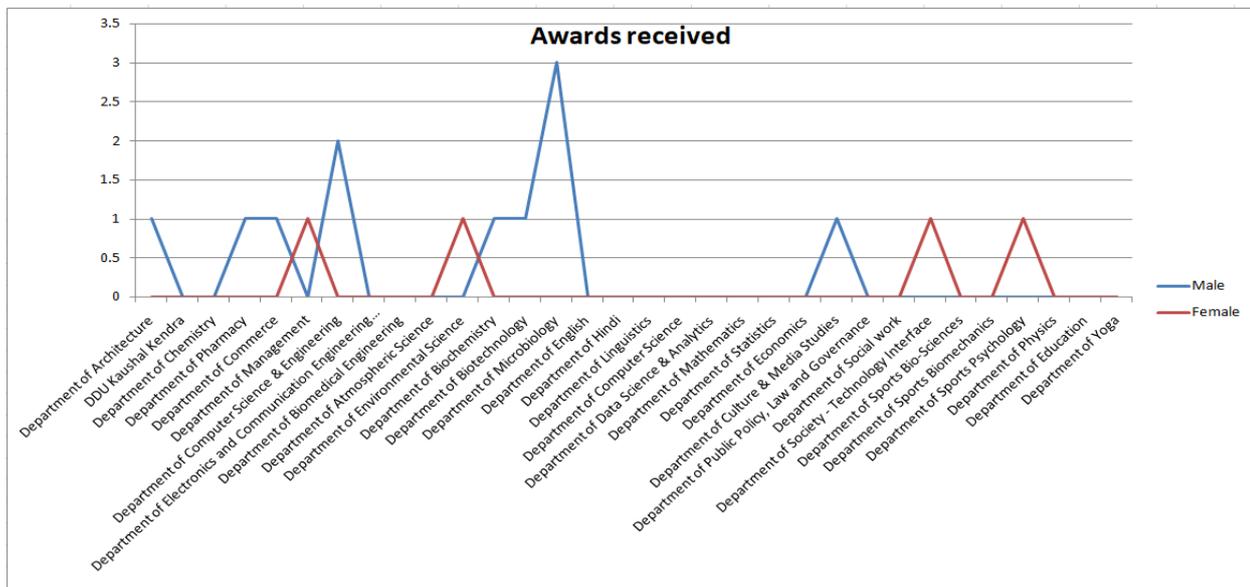


Gender wise Share of Research Grants



The above two graphs depict that the males faculty members are drawing more research grants in comparison to the females. This can also be due to the lesser number of female faculty members employed in the University.

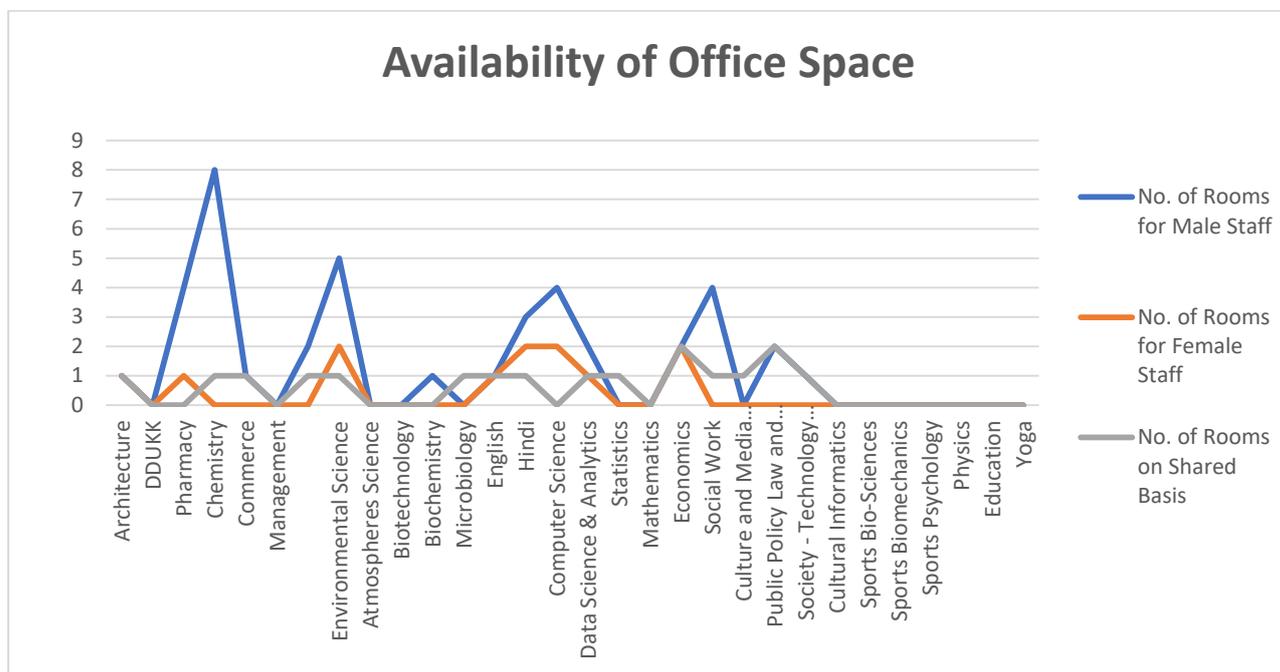
7. Awards received



Both male and female faculty members made the University proud by fetching awards from the external agencies, at the National/International level.

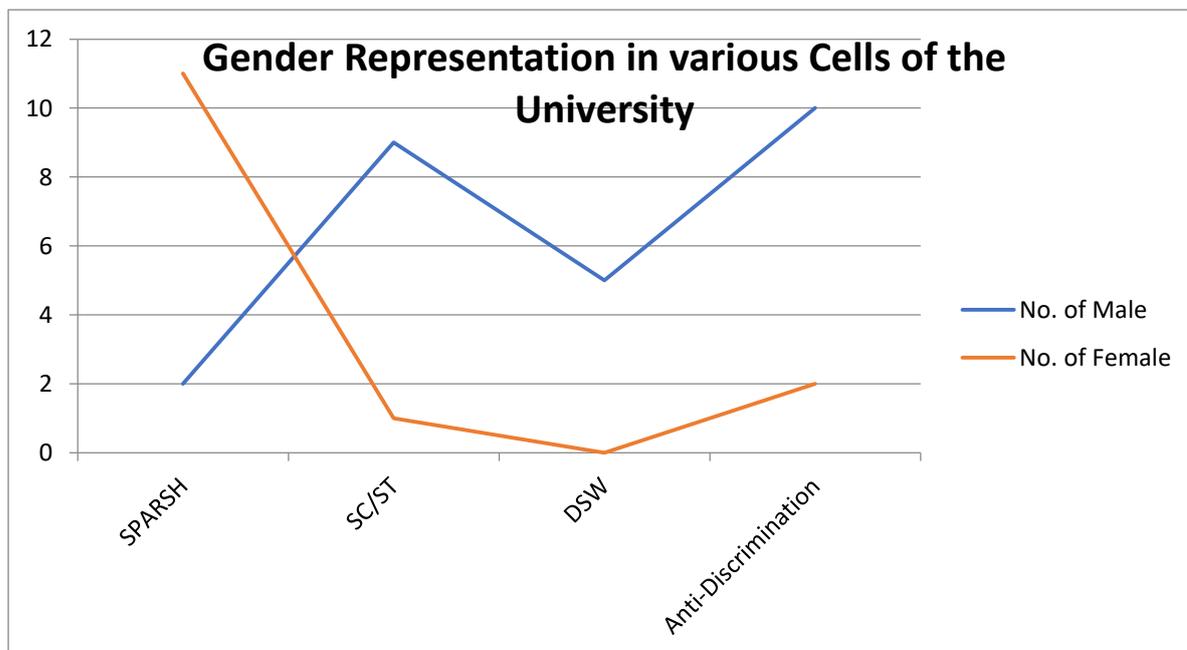


8. Availability of Office Space



Mostly the office space is utilized on shared basis, except in the Departments that have shifted to their permanent Academic Buildings.

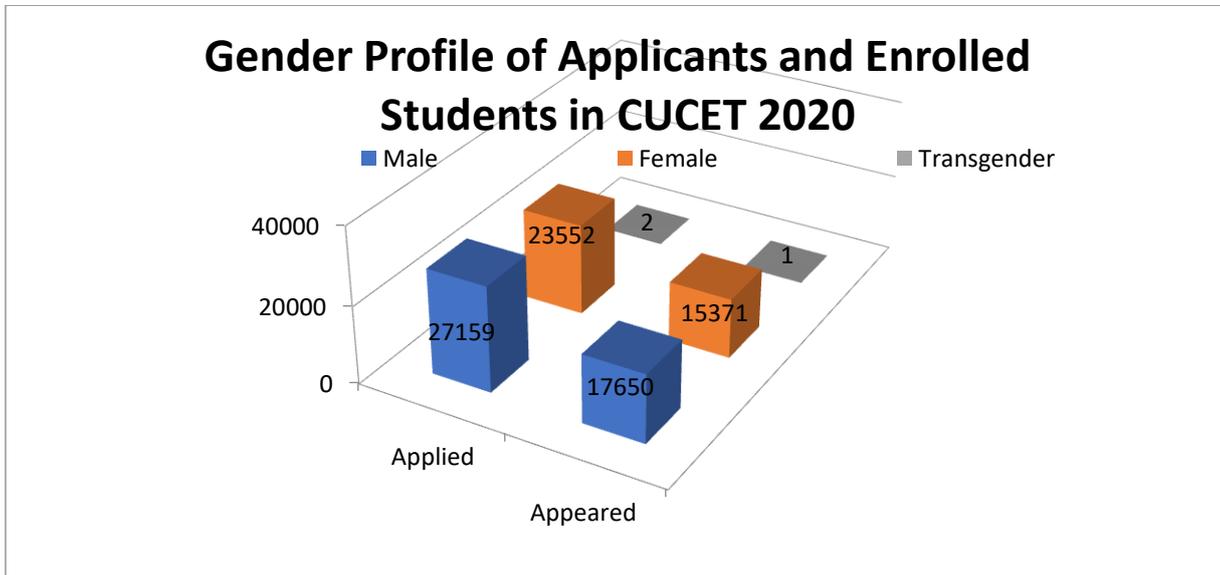
9. Gender Representation in Various Cells of the University



The University has representation from both the genders in various Cells.

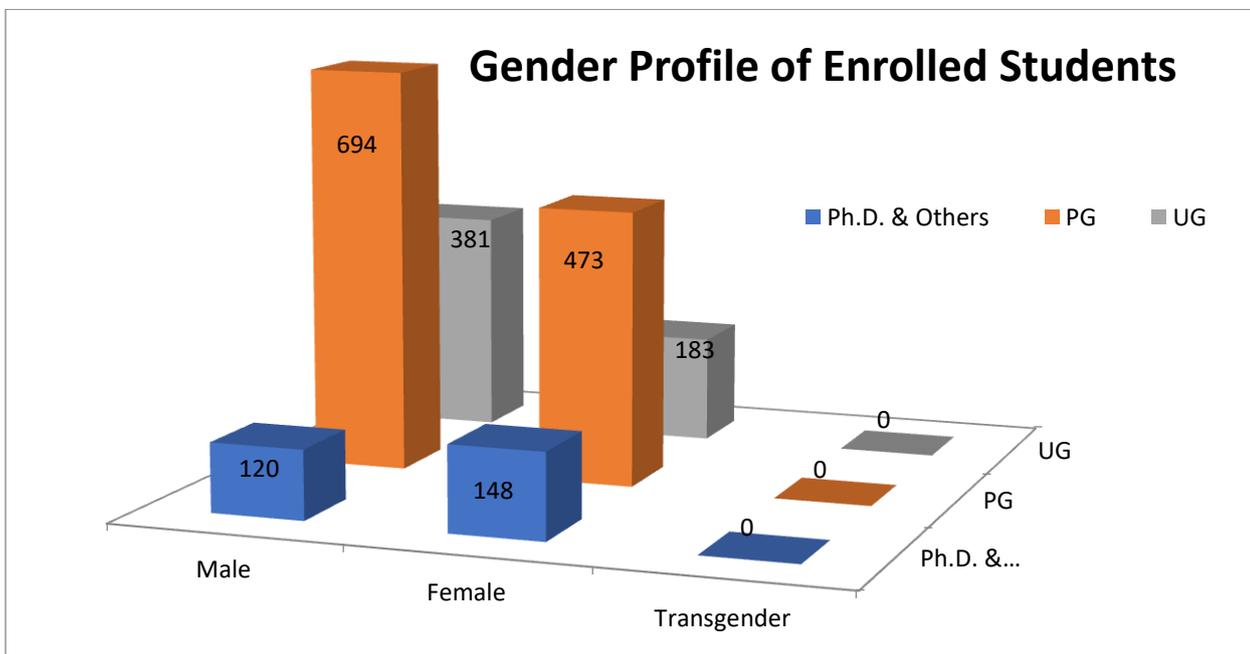


1. Gender Profile of Applicants in CUCET 2020



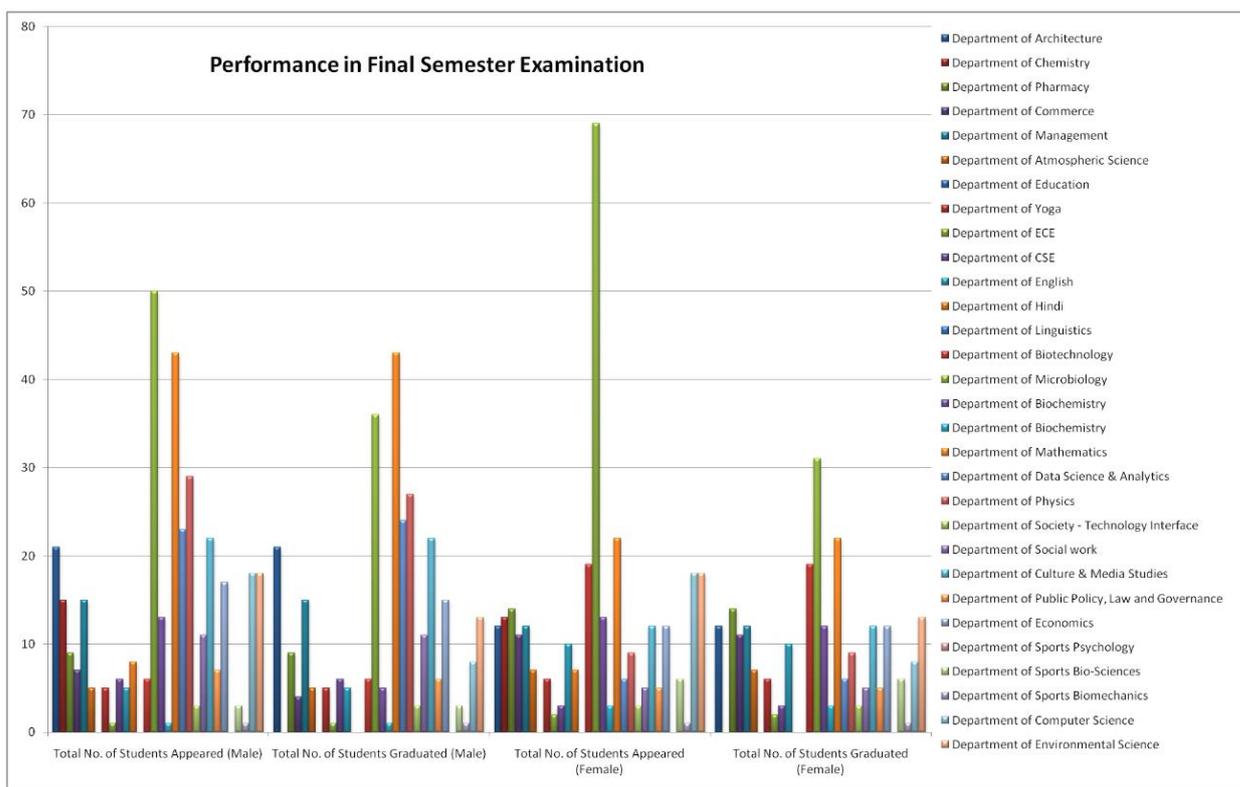
The number of male applicants is more than the female candidates. Also, the transgender candidates applied for various courses in the University.

2. Gender Profile of Enrolled Students



Enrolment of male students is more in various UG & PG programmes of the University. However, more female representation is noticed in Ph.D. and other programmes.

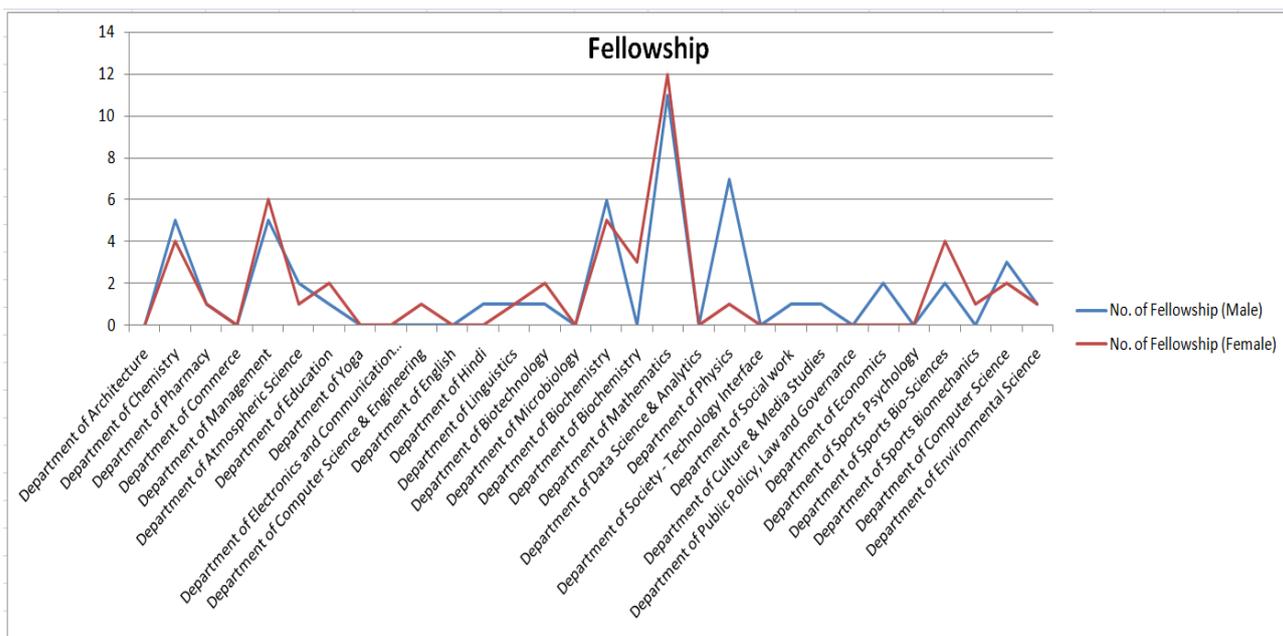
3. Performance in Final Semester Examination



More male students graduated in various programmes in the year 2020-21.

4. Academic Achievements

A. Fellowship

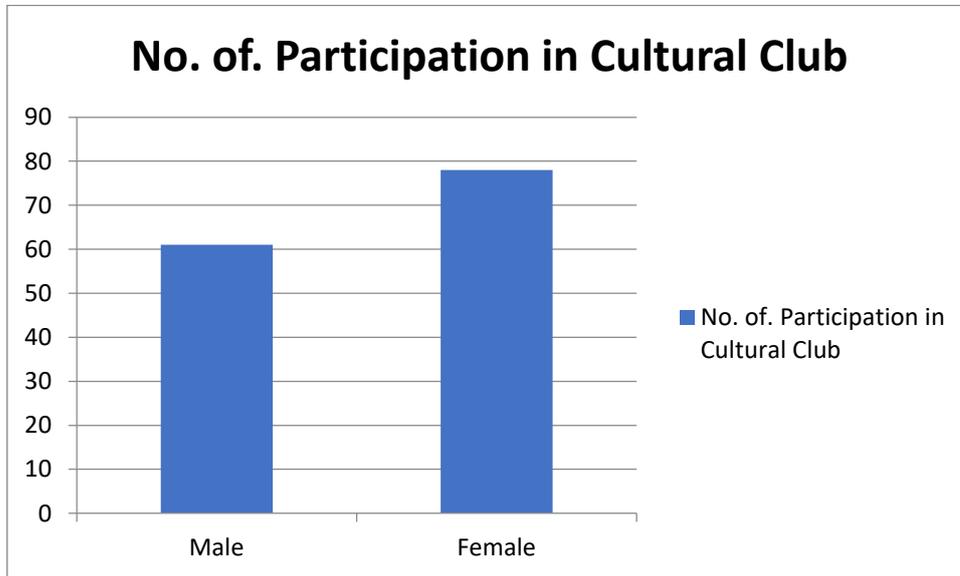


Both male and female students performed well in drawing fellowships from external agencies. (UGC, DBT, etc.)



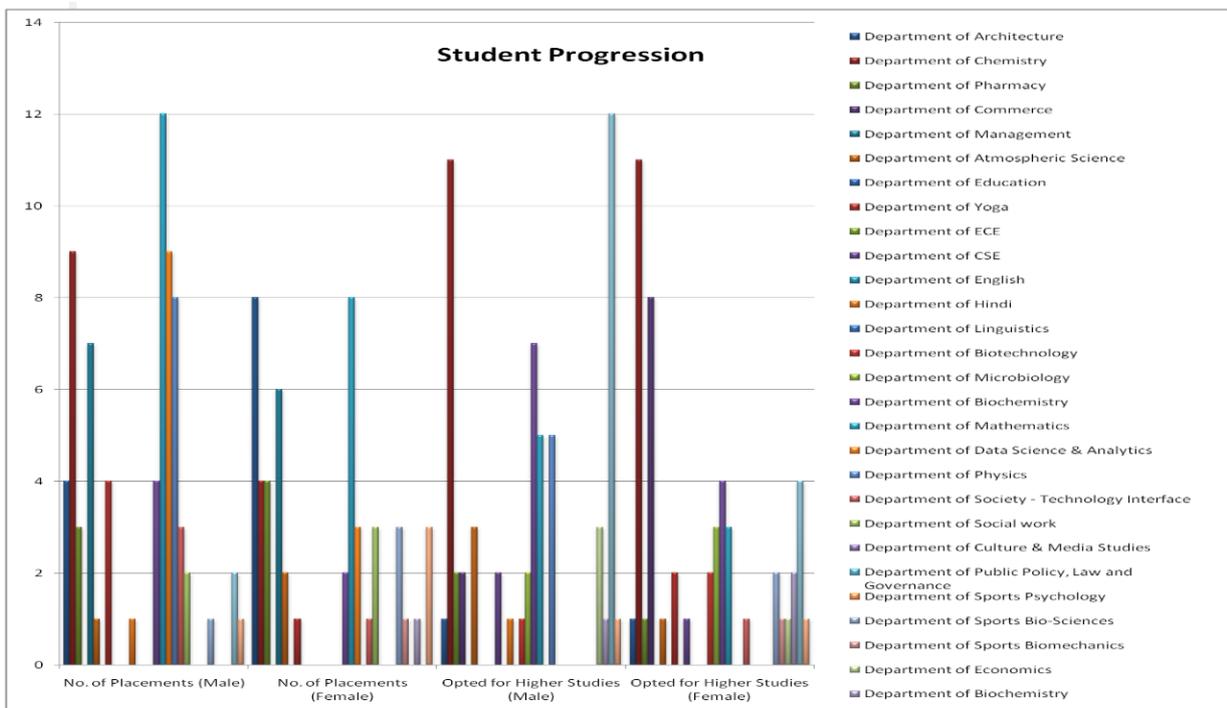
5. Achievement in Curricular & Extra-Curricular Activities

A. Cultural Participation



In cultural activities, the performance of female students was better than the male students.

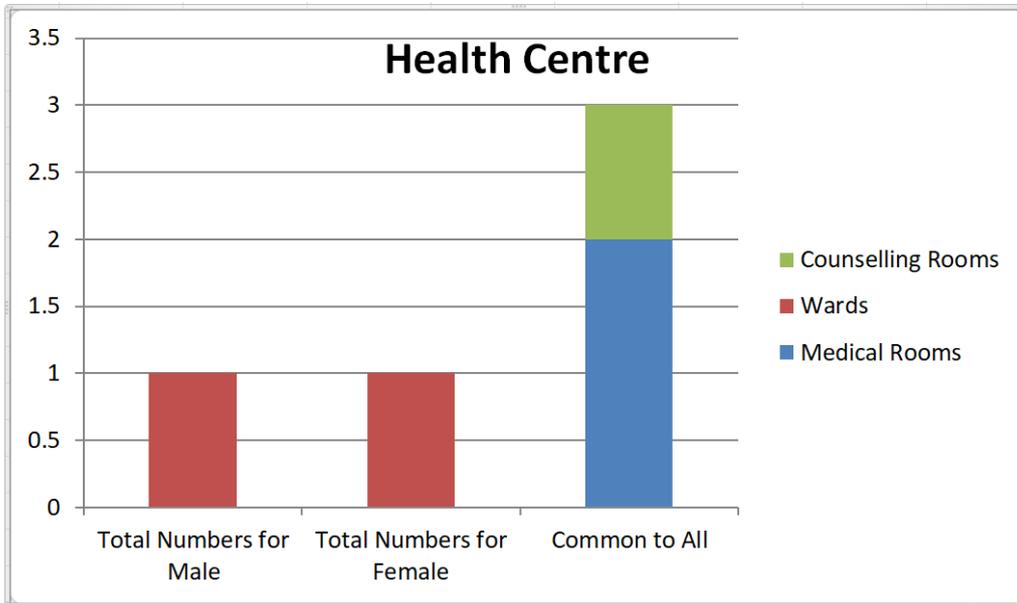
6. Student Progression



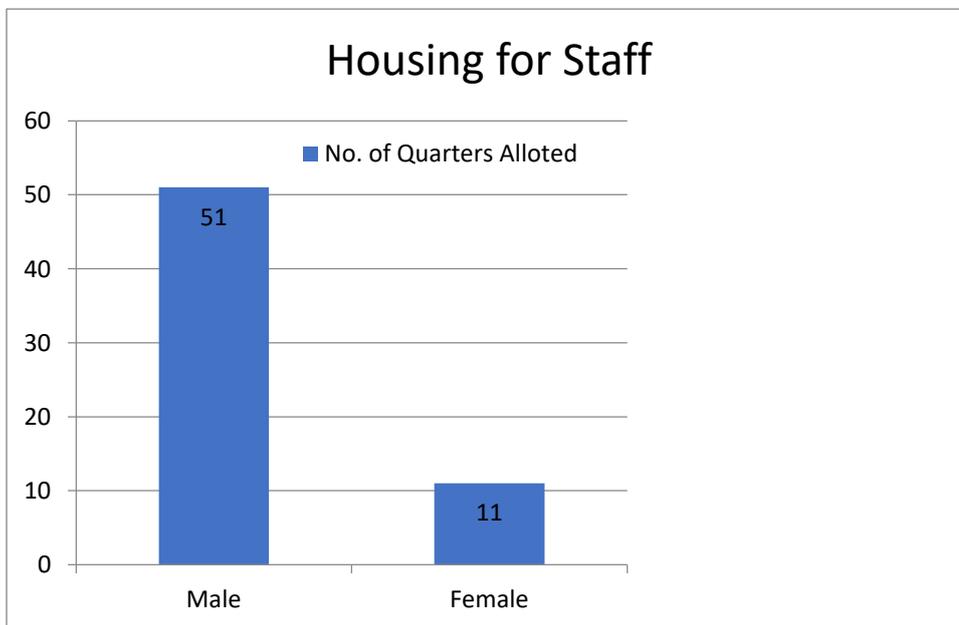
Both the male and female students are performing well in getting placements and opting for higher studies.



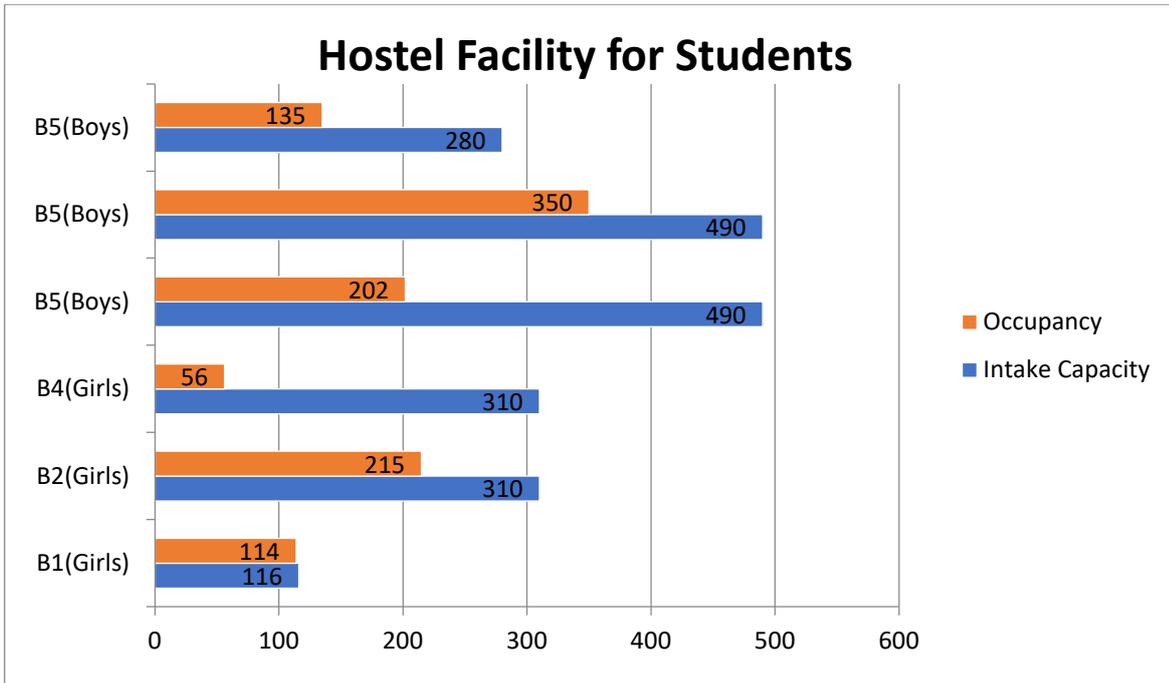
OTHER FACILITIES



A female doctor and a male dresser have been appointed in the University Health Centre.



More male staff members are residing in the University Staff Quarters.



The hostels are furnished with sufficient space to accommodate the students.



Authorities of the University

Members: Executive Council

Amended Statute 11 of the Central Universities Act, 2009

Statute	Name of the Member(s)
Statute 11(1)(i): Vice-chancellor (<i>Ex-officio Chairman</i>)	Prof. Neeraj Gupta Vice-Chancellor (i/c) and Chairman Executive Council Central University of Rajasthan (w.e.f. 05.10.2020) <u>Previous Members (during 01.07.2020 to 30.06.2021):</u> Prof. Arun K Pujari Vice Chancellor, and Chairman Executive Council Central University of Rajasthan (from 05.10.2015 to 04.10.2020)
Statute 11(1)(ii): Secretary, Dept. of Higher Education, MHRD, Govt of India, or his/her nominee	The Secretary, Department of Higher Education, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi-110 001.
Statute 11(1)(iii): Chairman, UGC or his / her nominee	<u>[University Notification No. 846 dated 03.06.2019]</u> Prof. J. S. Rajput, India's Representative to the UNESCO's Executive Board, Former Chairman, NCTE A-16 Sector P/7, Mitra Enclave, Opposite Grater Valley School, Greater Noida – 201 308 (w.e.f. 29.05.2019)
Statute 11(1)(iv): Principal Secretary, Higher Education of the State Government or his/her nominee not below the rank of Secretary preferably dealing with matters relating to Higher Education	The Principal Secretary, Department of Higher Education, Govt. of Rajasthan, Main Building, Secretariat, Jaipur-302 005, Rajasthan
Statute 11(1)(v): Pro-Vice Chancellor; if any	(Vacant)
Statute 11(1)(vi): Four members from among Deans of Schools of Studies, by rotation according to seniority, to be appointed by the Vice-Chancellor	<u>[Notification No. 246 dated 27.05.2020]</u> 1. Dr. Anjali Sharma Dean, School of Education Central University of Rajasthan (w.e.f. 27.05.2020) <u>[Notification No. 1046 dated 29.07.2020]</u> 2. Prof. J.K. Prajapat Dean, School of Mathematics, Statistics & Computational Sciences



Statute	Name of the Member(s)
	<p>Central University of Rajasthan (w.e.f. 29.07.2020) <u>[Notification No. 247 dated 31.05.2021]</u> 3. Prof. Supriya Agarwal Dean, School of Humanities & Languages Central University of Rajasthan (w.e.f. 31.05.2021) <u>[Notification No. 248 dated 31.05.2021]</u> 4. Prof. Jagdish Ullas Jadhav Dean, School of Social Sciences Central University of Rajasthan (w.e.f. 31.05.2021) <u>Previous Members (during 01.07.2020 to 30.06.2021):</u> <u>[Notification No. 2284 dated 06.09.2019]</u> 1. Dr. Ajit Kumar Patra Dean, School of Physics Central University of Rajasthan (from 06.09.2019 to 25.05.2021) <u>[Notification No. 2283 dated 06.09.2019]</u> 2. Dr. L.K. Sharma Dean, School of Earth Science Central University of Rajasthan (from 06.09.2019 to 12.07.2020) <u>[Notification No. 2285 dated 06.09.2019]</u> 3. Prof. Praveen Sahu Dean, School of Commerce & Management Central University of Rajasthan (from 06.09.2019 to 25.05.2021)</p>
Statute 11(1)(vii): One Professor who is not a Dean, by rotation according to seniority, to be appointed by the Vice-Chancellor	<u>[Notification No. 3155 dated 05.11.2019]</u> Prof. Pradeep Verma Department of Microbiology (w.e.f. 05.11.2019)
Statute 11(1)(viii): One Associate Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor	(Vacant)
Statute 11(1)(ix): One Assistant Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor	<u>[Notification No. 320 dated 14.06.2021]</u> Dr. Sanjay Kumar Assistant Professor, Department of Management, Central University of Rajasthan (w.e.f. 14.06.2021) <u>Previous Members (during 01.07.2020 to 30.06.2021):</u> <u>[Notification No. 1059 dated 14.06.2018]</u> Dr. Bhumika Sharma Assistant Professor, Department of English,



Statute	Name of the Member(s)
	Central University of Rajasthan (from 14.06.2018 to 13.06.2021)
Statute 11(1)(x): Two of the elected members of the Court, none of whom shall be and employee or student of the University or an institution recognised by or associated with the University, to be nominated by the Visitor	(Vacant-02) The term of first Court has expired on 06-10-2016. The constitution of the second Court is under process.
Statute 11(1)(xi): Four persons of distinction in academic and public life, to be nominated by the Visitor	(Vacant-04) <u>Previous Members (during 01.07.2020 to 30.06.2021):</u> <u>[MHRD Letter No. 48-11/2012-Desk (U) dated 30.05.2018 and University Notification No. 1059 dated 14.06.2018]</u> <u>From 14.06.2018 to 29.05.2021</u> <ol style="list-style-type: none"> 1. Prof. Reena Dadhich Professor, Department of Computer Sc. and Informatics, University of Kota, Near Kabir Circle, MBS Marg, Kota (Rajasthan) 324 005, INDIA 2. Prof. Akhil Ranjan Garg Professor, Department of Electrical Engineering, Faculty of Engineering and Architecture, J.N.V. University Jodhpur (Rajasthan) 3. Prof. Ashok Kumar Nagawat Director Skill Education, Rajasthan ILD Skill University, Hotel Khasa Kothi Campus, M.I. Road, Jaipur, Rajasthan 302001 4. Prof. Krishna Gopal Sharma HOD and Professor, Department of History and Indian Culture, University of Rajasthan, Jaipur
Statute 6(6): The Registrar shall be the ex-officio Secretary of the Executive Council and Academic Council, but shall not be deemed to be a member of either of these authorities... (<i>Ex-officio Secretary</i>)	Shri K.V.S. Kameswara Rao Registrar, Central University of Rajasthan (w.e.f. 01.01.2016)

Quorum of the Committee: As per provisions of the Statute 11(3), half of the total members of the Executive Council, including two outside members, excluding the Chairman, shall form the quorum for the meeting of the Executive Council.

Tenure of the Committee: As per provisions of the amended statute 11(2), all the members of the Executive Council, other than the Vice-Chancellor, Pro-Vice-Chancellor and Registrar shall hold office for a term of three years.

**Members: Finance Committee****Amended Statute 13 of the Central Universities Act, 2009**

Statute	Name of the Member(s)
Statute 17(1)(i): The Vice Chancellor	<p>Prof. Neeraj Gupta Vice-Chancellor (i/c) Central University of Rajasthan (w.e.f. 05.10.2020)</p> <p><u>Ex-Vice-Chancellor (during 01.07.2020 to 30.06.2021):</u></p> <p>Prof. Arun K Pujari Vice Chancellor, Central University of Rajasthan (from 05.10.2015 to 04.10.2020)</p>
Statute 17(1)(ii): The Pro-Vice Chancellor	(Vacant)
Statute 17(1)(iii): One Person nominated by the Court	(Vacant)
Statute 17(1)(iv): Three Persons nominated by the Executive Council, out of whom at least one shall be member of the Executive Council	<ol style="list-style-type: none"> 1. Prof. Ashok Kumar Nagawat Director, Skill Education, Rajasthan ILDSkill University, Hotel Khasa Kothi Campus, M.1.Road, Jaipur, (Raj.)- 302001 (w.e.f. 20.05.2019) 2. Dr. B. K. Mohapatra Director i/c, MANUU Cuttack Campus, 1st Floor, Plot No. 22, Sector 5, Niladri Vihar, Chadrashekharpur, Bhubaneswar -751021 (w.e.f. 20.05.2019) 3. Prof. Akhil Ranjan Garg Professor, Department of Electrical Engineering, Jai Narain Vyas University, Jodhpur (w.e.f. 11.12.2020) <p>PREVIOUS MEMBERS (during 01.07.2020 to 30.06.2021):</p> <ol style="list-style-type: none"> 1. Prof. Praveen Sahu Dean, School of Chemical Sciences and



	Pharmacy, Central University of Rajasthan (w.e.f. 15.06.2020 for time being, upto 10.12.2020) 2. Prof. Vipin Kumar Dean, School of Chemical Sciences and Pharmacy, Central University of Rajasthan (from 15.03.2019 to 05.03.2020)
Statute 17(1)(v): Three Persons nominated by the Visitor	1. Joint Secretary (CU&L), MHRD, New Delhi 2. Joint Secretary & Finance Advisor, MHRD, New Delhi 3. Joint Secretary (CU), UGC, New Delhi
The Statutes 7 (5) The Finance Officer, Ex-officio Secretary	Secretary Ex-Officio

Quorum of the Committee: As per provisions of the Statute 17(2), five members of the Finance Committee shall form a quorum for a meeting of the Finance Committee.

Tenure of the Member: As per the Statute 17(3), all the members, other than Ex officio members shall hold office for a term of three years.

**Members: Academic Council****Amended Statute 13 of the Central Universities Act, 2009**

Statute	Name of the Member(s)
Statute 13(1)(i): The Vice-Chancellor	Prof. Neeraj Gupta Vice-Chancellor (i/c) Central University of Rajasthan (w.e.f. 05.10.2020) <u>Ex-Vice-Chancellor (during 01.07.2020 to 30.06.2021):</u> Prof. Arun K Pujari Vice Chancellor, Central University of Rajasthan (from 05.10.2015 to 04.10.2020)
Statute 13(1)(ii): The Pro-Vice Chancellor, if any	(Vacant)
Statute 13(1)(iii): Deans of Schools of Studies	<u>[Notified vide University Notifications No. 1646 dated 24.09.2020, No. 3045 dated 31.10.2018]</u> 1. Dean, School of Chemical Sciences & Pharmacy Prof. Amit Kumar Goyal (w.e.f. 24.09.2020) 2. Dean, School of Earth Sciences Prof. Rajesh Kumar (w.e.f. 24.09.2020) 3. Dean, School of Commerce & Management Dr. Praveen Sahu (w.e.f. 31.10.2018) 4. Dean, School of Physical Sciences Dr. Ajit Kumar Patra (w.e.f. 31.10.2018) 5. Dean, School of Education Dr. Anjali Sharma (w.e.f. 24.09.2020) 6. Dean, School of Mathematics, Statistics & Computational Sciences Prof. J.K. Prajapat (w.e.f. 24.09.2020) 7. Dean, School of Social Sciences Prof. Jagdish Ulhas Jadhav (w.e.f. 24.09.2020) 8. Dean, School of Humanities & Languages Prof. Supriya Agarwal (w.e.f. 24.09.2020)



	<p>9. Dean, School of Architecture Prof. Neeraj Gupta (w.e.f. 24.09.2020)</p> <p>10. Dean, School of Life Sciences Prof. Pawan Kumar Dadheech (w.e.f. 24.09.2020)</p> <p>11. Dean, School of Engineering & Technology Prof. Uma Sankar Mishra (w.e.f. 24.09.2020)</p> <p><u>Previous Members (during 01.07.2020 to 30.06.2021):</u></p> <p><u>[Notified vide University Notifications No. 3045 dated 31.10.2018 & No. 2203 dated 25.08.2017]</u></p> <p>1. Dean, School of Earth Sciences Dr. L.K. Sharma (w.e.f. 25.08.2017 to 12.07.2020)</p>
<p>Statute 13(1)(iv): Heads of Teaching Departments/ Centers</p>	<p><u>[Notified vide University Notifications No. 1646 dated 24.09.2020, No. 3045 dated 31.10.2018]</u></p> <p>1. Head, Department of Management Prof. Uma Sankar Mishra (w.e.f. 24.09.2020)</p> <p>2. Head, Department of Social Work Dr. Subhasis Bhadra (w.e.f. 31.10.2018)</p> <p>3. Head, Department of Education Dr. Anjali Sharma (w.e.f. 31.10.2018)</p> <p>4. Head, Department of Mathematics Prof. J.K. Prajapat (w.e.f. 31.10.2018)</p> <p>5. Head, Department of Physics Dr. Ajit Kumar Patra (w.e.f. 24.09.2020)</p> <p>6. Head, Department of Microbiology Prof. Pawan Kumar Dadheech (w.e.f. 24.09.2020)</p> <p>7. Head, Department of Commerce Prof. Praveen Sahu (w.e.f. 25.08.2017)</p> <p>8. Head, Department of Statistics Dr. Arvind Pandey (w.e.f. 24.09.2020)</p> <p>9. Head, Department of Atmospheric Sciences Dr. Devesh Sharma (w.e.f. 24.09.2020)</p> <p>10. Head, Department of Pharmacy Prof. Amit Kumar Goyal (w.e.f. 24.09.2020)</p>



11. Head, Department of Architecture
Prof. Neeraj Gupta (w.e.f. 24.09.2020)
12. Head, Department of Public Policy, Law & Governance
Prof. S.N. Ambedkar (w.e.f. 24.09.2020)
13. Head, Department of Chemistry
Dr. Easwar Srinivasan (w.e.f. 24.09.2020)
14. Head, Department of Biochemistry
Prof. Sanjib Kumar Panda (w.e.f. 24.09.2020)
15. Head, Department of English
Dr. Sanjay Arora (w.e.f. 24.09.2020)
16. Head, Department of Hindi
Prof. N. Lakshmi Aiyar (w.e.f. 25.08.2017)
17. Head, Department of Environmental Science
Prof. Rajesh Kumar (w.e.f. 24.09.2020)
18. Head, Department of Biotechnology
Dr. Pankaj Goyal (w.e.f. 25.08.2017)
19. Head, Department of Sports Bioscience
Dr. Chandra Sekhar Gahan (w.e.f. 31.10.2018)
20. Head, Department of Yoga
Dr. Sanjib Kumar Patra (w.e.f. 24.09.2020)
21. Head, Department of Computer Science
22. Head, Department of Economics
23. Head, Department of Culture and Media Studies
24. Head, Department of Data Science and Analytics
25. Head, Department of Society-Technology Interface
26. Head, Department of Electronics & Communication
27. Head, Department of Sports Psychology
28. Head, Department of Sports Biomechanics
29. Head, Department of Computer Science & Engineering
30. Head, Department of Linguistics
31. Head, Department of Biomedical Engineering

Previous Members (during 01.07.2020 to 30.06.2021):

[Notified vide University Notifications No.



	<p><u>1646 dated 24.09.2020, No. 3045 dated 31.10.2018 & No. 2203 dated 25.08.2017]</u></p> <ol style="list-style-type: none"> 1. Head, Department of Management Prof. M.R.P. Singh (w.e.f. 25.08.2017 to 30.03.2021 (Died of accident)) 2. Head, Department of Education Dr. Anjali Sharma (w.e.f. 31.10.2018 to 09.05.2021) 3. Head, Department of Mathematics Prof. J.K. Prajapat (w.e.f. 31.10.2018 to 25.05.2021-resigned from HOD) 4. Head, Department of Computer Science Prof. D.C. Sharma (w.e.f. 25.08.2017, 31.10.2018 to 23.09.2020) 5. Head, Department of Economics Prof. S.N. Ambedkar (w.e.f. 25.08.2017, 31.10.2018 to 23.09.2020) 6. Head, Department of Culture and Media Studies Prof. S.N. Ambedkar (w.e.f. 25.08.2017, 31.10.2018 to 23.09.2020) 7. Head, Department of Data Science and Analytics Dr. Manas Kumar Patra (w.e.f. 31.10.2018 to 05.08.2020- Relieved) 8. Head, Department of Society-Technology Interface Prof. S.N. Ambedkar (w.e.f. 31.10.2018 to 23.09.2020)
<p>Statute 13(1)(v): Ten Professor (excluding those who are Deans of Schools of Studies & Heads of the Departments/ Centres) on the basis of seniority and rotation, to be nominated by the Vice Chancellor giving due regard to representation of different Schools.</p>	<p><u>[Notified vide University Notification No. 1646 dated 24.09.2020]</u></p> <ol style="list-style-type: none"> 1. Prof. Pradeep Verma, Department of Microbiology (w.e.f. 13.11.2019 as per approval) 2. Prof. Manish Dev Shrimali, Department of Physics (w.e.f. 06.07.2020 as per approval) 3. Prof. M.R.P. Singh, Department of Management (w.e.f. 10.07.2020 as per approval to 30.03.2021- Died of accident) 4. Prof. D.C. Sharma, Department of Mathematics (w.e.f. 13.11.2019 as per



	<p>approval)</p> <p>5. Prof. Chandi Charan Mandal, Department of Biochemistry (w.e.f. 13.11.2019 as per approval)</p> <p>6. Prof. Inshad Ali Khan, Department of Microbiology (w.e.f. 06.07.2020 as per approval)</p>
<p>Statute 13(i)(vi): Five Associate Professors, who are not Head of Teaching Department, by rotation according to seniority, to be appointed by the Vice Chancellor</p>	<p><u>[Notified vide University Notification No. 1646 dated 24.09.2020]</u></p> <p>1. Ms. Ritu B. Rai, Department of Architecture (w.e.f. 13.11.2019 as per approval)</p> <p>2. Dr. S. Kandasamy, Department of Public Policy, Law & Governance (w.e.f. 13.11.2019 as per approval)</p> <p>3. Dr. Laxmi Kant Sharma, Department of Environmental Science (w.e.f. 13.07.2020 as per approval)</p> <p>4. Dr. Jitendra Kumar, Department of Statistics (w.e.f. 31.10.2018)</p> <p>5. Dr. Mamta Rani, Department of Computer Science (w.e.f. 13.11.2019)</p>
<p>Statute 13(1)(vii): Three Assistant Professors, by rotation according to seniority, to be appointed by the Vice Chancellor</p>	<p><u>[Notified vide University Notification No. 1646 dated 24.09.2020]</u></p> <p>1. Dr. Amit Chakraborty, Department of Mathematics, (w.e.f. 13.11.2019 as per approval)</p> <p>2. Dr. Deepesh Bhati, Department of Statistics (w.e.f. 13.11.2019 as per approval)</p> <p>3. Dr. Nishtha Kesswani, Department of Computer Science (w.e.f. 13.11.2019 as per approval)</p>
<p>Statute 13(1)(viii): Six persons not in the service of the University co-opted by the Academic Council for their Special Knowledge in education progress and development</p>	<p><u>[Notified vide University Notification No. 1634 dated 24.09.2020]</u></p> <p>1. Prof. Anil Rai, Department of Hindi, University of Delhi (w.e.f. 24.09.2020)</p> <p><u>[Notified vide University Notification No. 1633 dated 24.09.2020]</u></p> <p>2. Prof. Jatinder Grover, Department of Education,</p>



	<p>Panjab University (w.e.f. 24.09.2020)</p> <p><u>[Notified vide University Notification No. 1632 dated 24.09.2020]</u></p> <p>3. Prof. Niyaz Ahmed, School of Life Sciences, University of Hyderabad (w.e.f. 24.09.2020)</p> <p><u>[Notified vide University Notification No. 1631 dated 24.09.2020]</u></p> <p>4. Dr. S. Suresh Babu, Head & Scientist, Vikram Sarabhai Space Centre, Thiruvananthapuram (Kerala) (w.e.f. 24.09.2020)</p> <p><u>[Notified vide University Notification No. 548 dated 09.05.2019, No. 1646 dated 24.09.2020]</u></p> <p>5. Prof. M.R. Yadav, faculty of Pharmacy, The MS University of Baroda, Vadodara (Gujarat) (w.e.f. 09.05.2019)</p> <p><u>[Notified vide University Notification No. 3607 dated 29.11.2019, No. 1646 dated 24.09.2020]</u></p> <p>6. Prof. G.D. Sharma, Vice-Chancellor, Bilaspur University, Bilaspur (Chhattisgarh) (w.e.f. 29.11.2019)</p>
<p>Statute 13(1)(ix): Two of the elected members of the Court, to be nominated by Visitor</p>	<p>(Vacant)</p> <p>Constitution of the Court awaited from Ministry of Education</p>
<p>Statute 13(2): Dean of Students Welfare (Ex-officio Member)</p>	<p><u>[Notified vide University Notification No. 1646 dated 24.09.2020]</u></p> <p>Prof. Praveen Sahu</p> <p><u>Previous Members (during 01.07.2020 to 30.06.2021):</u></p> <p><u>[Notified vide University Notification No. 3045 dated 31.10.2018 & No. 2203 dated 25.08.2017]</u></p> <p>Prof. S.N. Ambedkar (w.e.f. 25.08.2017 to</p>



	23.09.2020)
Statute 13(2): Proctor (Ex-officio Member)	<u>[Notified vide University Notification No. 1646 dated 24.09.2020]</u> Prof. Amit Kumar Goyal (w.e.f. 24.09.2020) <u>Previous Members (during 01.07.2020 to 30.06.2021):</u> <u>[Notified vide University Notification No. 3045 dated 31.10.2018 & No. 2203 dated 25.08.2017]</u> Dr. Laxmi Kant Sharma (w.e.f. 25.08.2017 to 23.09.2020)
Statute 13(2): Controller of Examinations	<u>[Notified vide University Notification No. 1646 dated 24.09.2020]</u> Controller of Examinations <u>Previous Members (during 01.07.2020 to 30.06.2021):</u> <u>[Notified vide University Notification No. 3045 dated 31.10.2018]</u> Dr. Utpal Kumar Debnath (w.e.f. 31.10.2018 to 21.09.2020-date of relieving)
Statute 13(2): Librarian	<u>[Notified vide University Notification No. 1646 dated 24.09.2020, No. 3045 dated 31.10.2018 & No. 2203 dated 25.08.2017]</u> Dr. Vijay Kumar M., Librarian, Central University of Rajasthan
Registrar, (Ex-Officio Secretary)	Shri K.V.S. Kameswara Rao, Registrar, Central University of Rajasthan

Quorum of the Committee: As per provisions of the Statute 13(4), half of the total members of the Academic Council, including two outside members, excluding the chairman, shall form the quorum for the meeting of the Academic Council.

Tenure of the Members: As per provisions of the amended statute 13(3), all members of the Academic Council, other than the ex-officio members, shall hold office for a term of three years.



List of Faculty/Officers/Staff

List of Regular Teaching staff joined during Academic Year 2020-21

Sl. No.	Name of the Teacher	Designation	Department	Date of Joining
1	Dr. Tarun Kumar	Assistant Professor	Computer Science & Engineering	15/09/2020
2	Dr. Jaya Kritika Ojha	Assistant Professor	Society-Technology Interface	15/09/2020
3	Dr. Neethu P.S.	Assistant Professor	Sports Psychology	16/09/2020
4	Dr. Guneet Inder Jit Kaur	Assistant Professor	Sports Psychology	25/09/2020
5	Dr. Shital Prasad Mahendra	Associate Professor	Hindi	01/10/2020
6	Dr. Hemanga Dutta	Associate Professor	Linguistics	01/10/2020
8	Dr. M. Marieswaran	Assistant Professor	Sports Biomechanics	09/10/2020
7	Dr. Wairokpm Premi Devi	Assistant Professor	Society-Technology Interface	29/10/2020
9	Dr. Sharita Deviram Sharma	Assistant Professor	Linguistics	01/02/2021

List of Regular Administrative and Non-teaching staff joined during Academic Year 2020-21

Sl. No.	Name of the Employee	Designation	Date of Joining
1	Dr. Ashima Johari	Medical Officer	22.04.2021

List of Teaching staff of the University as on 30th June 2021

Sl. No.	Name of the Teacher	Designation	Department
1	Prof. Neeraj Gupta	Professor	Architecture
2	Mrs. Ritu Bhargava Rai	Associate Professor	Architecture
3	Mr. Vivekanand Tiwari	Assistant Professor	Architecture
4	Mr. Sunil Sharma	Assistant Professor	Architecture
5	Dr. Devesh Sharma	Associate Professor	Atmospheric Science
6	Dr. Subrat Kumar Panda	Assistant Professor	Atmospheric Science
7	Dr. Chinmay Mallik	Assistant Professor	Atmospheric Science
8	Dr. Jayanti Pal	Assistant Professor	Atmospheric Science
9	Prof. Chandi Charan Mandal	Professor	Biochemistry
10	Prof. Sanjib Kumar Panda	Professor	Biochemistry
11	Dr. Vishvanath Tiwari	Assistant Professor	Biochemistry
12	Dr. Shiv Swaroop	Assistant Professor	Biochemistry



Sl. No.	Name of the Teacher	Designation	Department
13	Dr. Kiran Kumar Tejavath	Assistant Professor	Biochemistry
14	Dr. Vijay Kumar Prajapati	Assistant Professor	Biochemistry
15	Dr. Dipak Gayen	Assistant Professor	Biochemistry
16	Dr. Bhawana Bissa	Assistant Professor	Biochemistry
17	Dr. Pankaj Goyal	Associate Professor	Biotechnology
18	Dr. Jayendra Nath Shukla	Assistant Professor	Biotechnology
19	Dr. Janmejy Pandey	Assistant Professor	Biotechnology
20	Dr. Tarun Kumar Bhatt	Assistant Professor	Biotechnology
21	Dr. Suman Tapryal	Assistant Professor	Biotechnology
22	Dr. Jay Kant Yadav	Assistant Professor	Biotechnology
23	Dr. Easwar Srinivasan	Associate Professor	Chemistry
24	Dr. Anuj Kumar Sharma	Assistant Professor	Chemistry
25	Dr. Thirumoorthi Ramalingam	Assistant Professor	Chemistry
26	Dr. Partha Roy	Assistant Professor	Chemistry
27	Dr. M. Bhanuchandra	Assistant Professor	Chemistry
28	Dr. Ritesh Singh	Assistant Professor	Chemistry
29	Dr. Hemant Joshi	Assistant Professor	Chemistry
30	Dr. Rajagopal Reddy Seelam	Assistant Professor	Chemistry
31	Prof. Praveen Sahu	Professor	Commerce
32	Dr. Neha Seth	Assistant Professor	Commerce
33	Dr. Sushila Kumari Soriya	Assistant Professor	Commerce
34	Dr. Sanjay Kumar Patel	Assistant Professor	Commerce
35	Dr. Mamta Rani	Associate Professor	Computer Science
36	Dr. Krishna Kumar Mohbey	Assistant Professor	Computer Science
37	Mr. Ravi Raj Choudhary	Assistant Professor	Computer Science
38	Dr. Nishtha Kesswani	Assistant Professor	Computer Science
39	Mr. Gaurav Meena	Assistant Professor	Computer Science
40	Dr. Ajay Indian	Assistant Professor	Computer Science
41	Dr. Muzzammil Hussain Mohammad	Assistant Professor	Computer Science & Engineering
42	Dr. Gaurav Somani	Assistant Professor	Computer Science & Engineering
43	Mr. Ravi Saharan	Assistant Professor	Computer Science & Engineering
44	Dr. Tarun Kumar	Assistant Professor	Computer Science & Engineering
45	Dr. Pranta Pratik Patnaik	Assistant Professor	Culture & Media Studies
46	Dr. Neeru Prasad	Assistant Professor	Culture & Media Studies
47	Dr. Nicholas Lakra	Assistant Professor	Culture & Media Studies
48	Dr. Anoop Kumar	Assistant Professor	Culture & Media Studies
49	Dr. Hemlata Manglani	Assistant Professor	Economics
50	Dr. Pragati Jain	Assistant Professor	Economics
51	Dr. Satyanarayanamurty Dogga	Assistant Professor	Economics
52	Dr. Pramod Kumar Naik	Assistant Professor	Economics
53	Dr. Anjali Sharma	Associate Professor	Education
54	Dr. Gobind Singh	Assistant Professor	Education



Sl. No.	Name of the Teacher	Designation	Department
55	Dr. Narendra Kumar	Assistant Professor	Education
56	Dr. Sangeeta Yaduvanshi	Assistant Professor	Education
57	Dr. Rina Ram Kishore Godara	Assistant Professor	Education
58	Dr. T. Sangeetha	Assistant Professor	Education
59	Dr. Seema Gopinath	Assistant Professor	Education
60	Dr. Kanak Sharma	Assistant Professor	Education
61	Dr. Milan Sasmal	Assistant Professor	Electronics and Communication
62	Dr. Rajan Singh	Assistant Professor	Electronics and Communication
63	Dr. Kapil Saraswat	Assistant Professor	Electronics and Communication
64	Prof. Supriya Agarwal	Professor	English
65	Dr. Sanjay Arora	Associate Professor	English
66	Dr. Bhumika Sharma	Assistant Professor	English
67	Dr. Neha Arora	Assistant Professor	English
68	Dr. Devendra Rankawat	Assistant Professor	English
69	Dr. Ved Prakash	Assistant Professor	English
70	Prof. Rajesh Kumar	Professor	Environmental Science
71	Dr. Laxmi Kant Sharma	Associate Professor	Environmental Science
72	Dr. Garima Kaushik	Assistant Professor	Environmental Science
73	Dr. Ritu Singh	Assistant Professor	Environmental Science
74	Dr. Shailesh Kumar Patidar	Assistant Professor	Environmental Science
75	Dr. Nivedita Chaudhary	Assistant Professor	Environmental Science
76	Prof. N. Lakshmi Aiyar	Professor	Hindi
77	Dr. Shital Prasad Mahendra	Associate Professor	Hindi
78	Dr. Suresh Singh Rathore	Assistant Professor	Hindi
79	Dr. Sandeep Vishwanathrao Ranbhirker	Assistant Professor	Hindi
80	Dr. Mamata Khandal	Assistant Professor	Hindi
81	Dr. Dhanapati Shougrakpam	Assistant Professor	Linguistics
82	Dr. Sakshi Bhatia	Assistant Professor	Linguistics
83	Dr. Sharita Deviram Sharma	Assistant Professor	Linguistics
84	Prof. Uma Sankar Mishra	Professor	Management
85	Dr. Sanjay Kumar	Assistant Professor	Management
86	Dr. Avantika Singh	Assistant Professor	Management
87	Dr. Tulsee Giri Goswami	Assistant Professor	Management
88	Prof. Jugal Kishore Prajapat	Professor	Mathematics
89	Prof. Dinesh Chandra Sharma	Professor	Mathematics
90	Dr. Anand Kumar	Assistant Professor	Mathematics
91	Dr. Jai Prakash Tripathi	Assistant Professor	Mathematics
92	Dr. Vidyottama Jain	Assistant Professor	Mathematics
93	Dr. Vipul Kakkar	Assistant Professor	Mathematics
94	Dr. Vijay Kumar Yadav	Assistant Professor	Mathematics
95	Dr. Ram Kishore	Assistant Professor	Mathematics
96	Dr. Asha Kumari Meena	Assistant Professor	Mathematics



Sl. No.	Name of the Teacher	Designation	Department
97	Prof. Pawan Kumar Dadheech	Professor	Microbiology
98	Prof. Pradeep Verma	Professor	Microbiology
99	Prof. Inshad Ali Khan	Professor	Microbiology
100	Dr. Nidhi Pareek	Assistant Professor	Microbiology
101	Dr. Akhil Agrawal	Assistant Professor	Microbiology
102	Dr. Arvind Pratap Singh	Assistant Professor	Microbiology
103	Dr. Chandra Sekhar Gahan (On Lien, Associate Professor in Sports Bioscience on contract w.e.f. 18.05.18)	Assistant Professor	Microbiology
104	Dr. Deeksha Tripathi	Assistant Professor	Microbiology
105	Dr. Vijay Kumar Verma	Assistant Professor	Microbiology
106	Prof. Vipin Kumar	Professor	Pharmacy
107	Prof. Amit Kumar Goyal	Professor	Pharmacy
108	Dr. Devesh Madhukar Sawant	Assistant Professor	Pharmacy
109	Dr. Ruchi Malik	Assistant Professor	Pharmacy
110	Dr. Umesh Gupta	Assistant Professor	Pharmacy
111	Dr. Kaiser Raza	Assistant Professor	Pharmacy
112	Prof. Manish Dev Shrimali	Professor	Physics
113	Dr. Ajit Kumar Patra	Associate Professor	Physics
114	Dr. Neeraj Panwar	Assistant Professor	Physics
115	Dr. Brijesh Kumar Singh	Assistant Professor	Physics
116	Dr. Rajneesh Kumar Verma	Assistant Professor	Physics
117	Dr. Rakesh Kumar	Assistant Professor	Physics
118	Dr. Sukhmander Singh	Assistant Professor	Physics
119	Dr. Sahinur Reja	Assistant Professor	Physics
120	Dr. Yugandar Bitla	Assistant Professor	Physics
121	Prof. Nagendra Ambedkar Sole	Professor	Public Policy, Law & Governance
122	Dr. Kandasamy S	Associate Professor	Public Policy, Law & Governance
123	Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Law & Governance
124	Dr. Jeevan Kumar Cheruku	Assistant Professor	Public Policy, Law & Governance
125	Dr. Anjan Kumar Sahu	Assistant Professor	Public Policy, Law & Governance
126	Prof. Jagdish Ullas Jadhav	Professor	Social Work
127	Dr. Subhasis Bhadra	Associate Professor	Social Work
128	Dr. Shaizy Ahmed	Assistant Professor	Social Work
129	Dr. Atiq Ahmed	Assistant Professor	Social Work
130	Dr. Dandub Palzor Negi	Assistant Professor	Social Work
131	Dr. Rajeev M.M.	Assistant Professor	Social Work
132	Dr. Jaya Kritika Ojha	Assistant Professor	Society-Technology Interface
133	Dr. Wairokpam Premi Devi	Assistant Professor	Society-Technology Interface
134	Dr. M. Marieswaran	Assistant Professor	Sports Biomechanics
135	Dr. Neha Singh	Assistant Professor	Sports Biosciences
136	Dr. Hemanth Naick Banavath	Assistant Professor	Sports Biosciences
137	Dr. Sunil G. Purohit	Assistant Professor	Sports Biosciences



Sl. No.	Name of the Teacher	Designation	Department
138	Dr. Neethu P.S.	Assistant Professor	Sports Psychology
139	Dr. Guneet Inder Jit Kaur	Assistant Professor	Sports Psychology
140	Dr. Jitendra Kumar	Associate Professor	Statistics
141	Dr. Arvind Pandey	Associate Professor	Statistics
142	Dr. Deepesh Bhati	Assistant Professor	Statistics
143	Dr. Mahendra Saha	Assistant Professor	Statistics
144	Dr. Sanjay Kumar	Assistant Professor	Statistics
145	Dr. Sanjib Kumar Patra	Associate Professor	Yoga
146	Dr. Kashinath G. Metri	Assistant Professor	Yoga

List of Administrative and Non-teaching staff of the University as on 30th June 2021

Sl. No.	Name of Employee	Designation
1	Mr. KVS Kameswara Rao	Registrar
2	Dr. Vijayakumar M.	Librarian
3	Mr. Santosh Kumar Srivastava	Joint Registrar
4	Dr. Hari Singh Parihar	Joint Registrar
5	Mr. Mahesh Kumar Joshi	Internal Audit Officer
6	Mr. Sultan Singh	Executive Engineer
7	Mrs. Sobhagyawati Gupta	Assistant Librarian
8	Mr. Saroja Kumar Panda	Assistant Librarian
9	Mrs. Anuradha Mittal	Public Relations Officer
10	Dr. Ankur Mittal	Medical Officer
11	Dr. Ashima Johari	Medical Officer
12	Mr. Om Kumar Karn	Hindi Officer
13	Mr. Pardeep Kumar	Assistant Registrar
14	Mr. Ashish Kumar Gupta	Assistant Registrar
15	Mr. Shyam Singh	Assistant Registrar
16	Mr. Manoj Kumar Indoria	Assistant Registrar
17	Mr. Ramesh Singh Solanki	Section Officer
18	Mr. Gaurav Sharma	Section Officer
19	Mr. Pradeep Kumar Garg	Section Officer
20	Mr. Lokesh Vijayvargia	Section Officer
21	Mr. Inderpal	Section Officer
22	Mr. Shaffiq Mohammed	Section Officer
23	Mr. Rajpal Singh Rewar	Security Officer
24	Mr. Kartik Bhati	Assistant Engineer (Electrical)
25	Mr. Bharat Bhushan Gupta	Personal Assistant
26	Mr. Shankar Kumar Gupta	Personal Assistant
27	Mr. Seva Ram Kumawat	Personal Assistant
28	Mr. Girdhari Lal Verma	Assistant



Sl. No.	Name of Employee	Designation
29	Mrs. Neha Bajaj	Assistant
30	Ms. Pratima Chattraj	Assistant
31	Mr. Vineet Prakash Bishnoi	Assistant
32	Mr. Puneet Agarwal	Assistant
33	Mrs. Hema Chaudhary	Assistant
34	Mr. Jahangeer Kureshi	Assistant
35	Mr. Rajesh Kumar	Junior Engineer (Civil)
36	Mr. Darpan Bansal	Junior Engineer (Electrical)
37	Mr. Mohit Jamer	Senior Technical Assistant (ICT)
38	Mr. Sanjay Joshi	Senior Technical Assistant (ICT)
39	Mr. Dibakar Sen	Semi-Professional Assistant
40	Mr. Naresh Kumar Mangal	Technical Assistant
41	Mr. Avdhesh Vijay	Technical Assistant
42	Mr. Jai Ram Chejara	Security Inspector
43	Mr. Vivek Vyas	Laboratory Assistant
44	Mr. Aarif Khan	Laboratory Assistant
45	Mr. Pushpendra Kumar Sharma	Laboratory Assistant
46	Mr. Sandeep Sharma	Laboratory Assistant
47	Mr. Satya Narayan Rao	Laboratory Assistant
48	Mr. Giriraj Sharma	Laboratory Assistant
49	Mr. Pankaj Kumar Tailor	Laboratory Assistant
50	Mr. Vimal Kumar Jain	Laboratory Assistant
51	Mr. Dashrath Kumar Sharma	Laboratory Assistant
52	Mr. Somyajeet Dey	Library Assistant
53	Mr. Manoj Pareek	Library Assistant
54	Mr. Santosh Kumar Kumawat	Upper Division Clerk
55	Mr. Dilip Raichandani	Upper Division Clerk
56	Ms. Lata Gurbaxani	Upper Division Clerk
57	Mr. Madhur Sagar Sharma	Lower Division Clerk
58	Mr. Vinod Choudhary	Lower Division Clerk
59	Mr. Pawan Kumar Sharma	Lower Division Clerk
60	Mr. Govind Kumawat	Lower Division Clerk
61	Mr. Lalit Bhopriya	Lower Division Clerk
62	Mr. Naveen Chand Sen	Lower Division Clerk
63	Mr. Surendra Singh Rajawat	Lower Division Clerk
64	Mr. Yogesh Kumar Meena	Lower Division Clerk
65	Mr. Gaurav Kumar	Lower Division Clerk
66	Mr. Ganpat Lal Solanki	Lower Division Clerk
67	Mr. Anshu Sharma	Lower Division Clerk
68	Mr. Girraj Prasad Sharma	Caretaker
69	Mr. Gourav Sukhwal	Driver
70	Mr. Sanjay Kumar Sharma	Driver
71	Mr. Navin Kumar Sharma	Driver



Sl. No.	Name of Employee	Designation
72	Mr. Hukma Ram Meghwal	Driver
73	Mr. Rajveer Singh	Cook
74	Mr. Nitesh Yadav	Library Attendant
75	Ms. Priya Sharma	Library Attendant
76	Mr. Rajendra Kumar Soni	Laboratory Attendant
77	Mr. Kheema Ram	Laboratory Attendant
78	Mr. Ashish Kumar Sharma	Laboratory Attendant
79	Mr. Akhilesh Tiwari	Laboratory Attendant
80	Mr. Bhagirath Ashiya	Laboratory Attendant
81	Mr. Vishnu Bansal	Laboratory Attendant
82	Mr. Sagar Mal Gurjar	Officer Attendant
83	Mr. Mangal Chand Dhanka	Officer Attendant
84	Mr. Ashish Kumar Sharma	Multi-Tasking Staff
85	Mr. Lekhraj	Multi-Tasking Staff
86	Mr. Jai Singh	Hostel Attendant
87	Mr. Nathmal Tak	Hostel Attendant
88	Mr. Satya Narayan Solanki	Kitchen Attendant
