

# CENTRAL UNIVERSITY OF RAJASTHAN

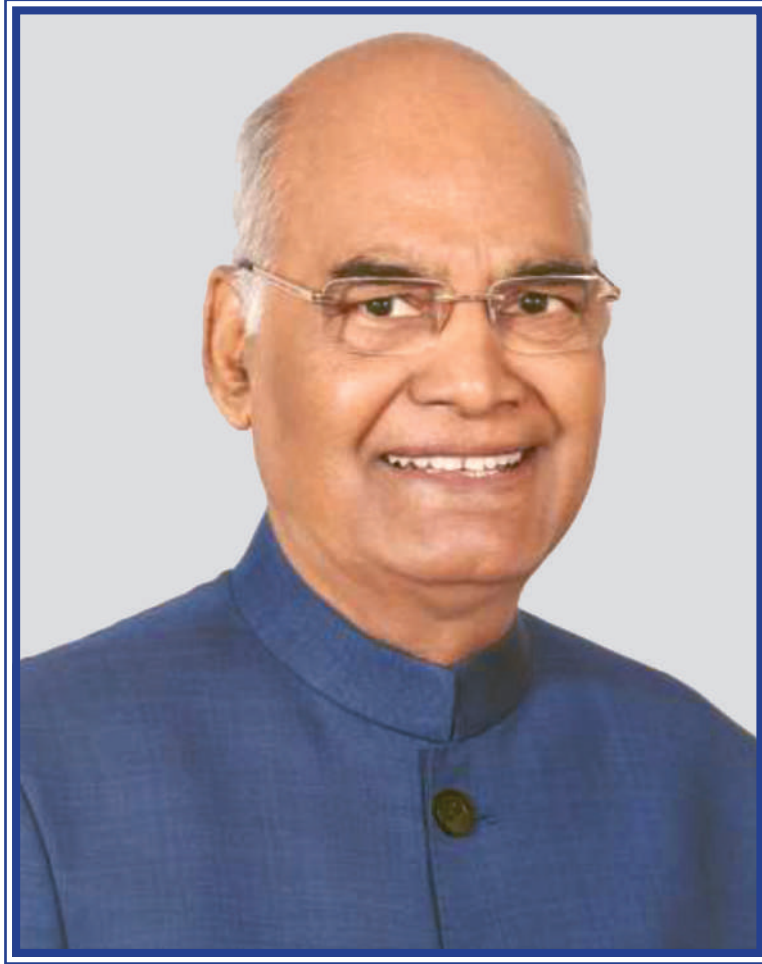


# CENTRAL UNIVERSITY OF RAJASTHAN



**Tenth Annual Report  
2018-19**





**The Visitor**  
**President of India**  
**His Excellency Shri Ram Nath Kovind**







**Chancellor**  
**Dr. K. Kasturirangan**





**Vice Chancellor**  
**Prof. Arun K. Pujari**





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## From the Vice Chancellor's Desk

As Vice-Chancellor, it fills me with a sense of satisfaction and encouragement to see the progress-curve of the University for the session 2018–19, and to have the privilege to put it on record, in our Tenth Annual Report, how our concerted efforts are beginning to fructify into tangible achievements over time. We cherish to be the flag-bearers of the mission of nation-building through spread of education, skill development and human resource formation in the heartland of Rajasthan.

The session under report has been especially fruitful for the academic growth and diversification. Introduction of outcome-oriented programs and recruitment of well qualified faculty members have been the highlights of the period. These steps are also a re-affirmation of our untiring commitment to the task of evolving into an academic family that does have a positive impact not only in the academic circles but also on the masses. With this multi-pronged approach, we have sought to be not only the capacity-builders of the nation but also its intellectual cutting-edge in the field of research. In the process, we have also striven to strike a fine balance of the global and local dimensions of knowledge for sustainable development as well as equity of progress.

Amongst notable successes during the session are our research projects running to the tune of millions, high-impact international research publications by the faculty, conduct of GIAN workshops, adoption of MOOC programs through SWAYAM, an active TLC under PMMMNMTT and a culturally vibrant on-campus life with adequate infrastructure and salubrious surroundings.

The student community of the University is our asset, their well-being and growth our goal. To this end, the University is rich with actively functioning clubs, periodically organized contests and competitions. The NSS team of the University etched our name high by winning the First Prize in *Mukhauta at the Conferencia de Youth*. Also, one of our NSS volunteers, Mr. Kumar Sourav, got the coveted chance of representing Rajasthan at the 2019 Republic Day parade. Celebration of International Yoga Day, Foundation Day and conduct of Science Congress did lend vitality and enthusiasm to our on-campus life. SPIC-MACAY performances rendered by the likes of Habib Tanvir and Prateeksha Kashi further added to this all-pervading sentiment.

Academically, the students of the University continue to fare better with every passing year. A high number of NET and GATE qualified students, JRF awardees and well-placed alumni are a testimonial to our outcome-oriented endeavors. In fact, this by itself is a gauge of the work put in. On research front, the university is surging ahead in bringing out several internationally acclaimed research publications. The H-Index and research grants have risen multifold. And to enable our academic credentials to match up to global standards, we have tie-ups with institutions of international repute.

In the spirit of boosting up its pan-India character, the University admitted students in 2018–19 through an all-India test CUCET held at 119 centers across the nation. The student demography is a direct indicator of our diverse-yet-united texture. This university is responsible for conducting CUCET on behalf of 15 Central Universities.

For a discrimination-free on-campus life, the University has fit mechanisms like SPARSH, Equal Opportunity Cell, OBC Cell, SC-ST Cell that ensure that no one fall a prey to any kind of unjust practice be it in terms of gender, caste, race or religion. Likewise, our deep concern for the surroundings finds expression in our adoption of several Gram Panchayats under Unnat Bharat Abhiyan, and other activities of NSS, Community Development Cell and Innovation Club. The lecture series on Nobel Laureates is a move towards taking knowledge to the folks and that way exhorting the aspirants of brilliance.

At last, I thank all the University staff and students for their sincere efforts that have yielded results worth talking of. I am also grateful to the Ministry of Human Resource Development and the UGC for their continuing support. I also thank the Editorial team for their impeccable work. And to end on a note of affirmation, I reiterate, on behalf of the entire University community, that we shall uphold the best of human ideals and work tirelessly for a better future for humanity.



**Prof. Arun K. Pujari**

**Prof. Arun K. Pujari**



# The Vision, Mission, Goals, Objectives & 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 internationalized 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.

- Recognizing 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



Starting off in 2009 and by now with a decade-long existence, the Central University of Rajasthan is a front-line institute of higher education in Rajasthan. In its aesthetic and salubrious surroundings, the University affords an optimal scenario for education and research. Currently, Prof. Arun K. Pujari is the Vice Chancellor under whose leadership the University has blossomed as a center for higher education. The year 2018–19 also marks a stage of this blossoming.

### ACADEMIC GROWTH

By now, the university has come to offer a wide array of Ph.D, PG and UG programs across 29 departments. All the programs on offer are specially designed to give high employability as well as value-based education for sustainable development and equity. Disciplines like Big Data Analytics, Yoga Science, Atmospheric Science, and Digital Society are perfectly in tune with the emerging global trends. Simultaneously, our concern for relatively less-trumpeted programs like B.Voc Interior Design and the ones under DDU Kaushal Vikas Kendra is also evenly channeled. On the whole, all programs are geared up towards a better, inclusive, and equal society.

The School of Sport Science came in existence in May 2018 with the support of Ministry of Youth Affairs and Sports, Government of India and three departments, namely, Sports-bio Sciences, Sports Mechanics, and Sports-Psychology became functional subsequently. In the School of Social Sciences, in the same year, two more programs were added under the newly formed Department, Society Technology Interphase. This department started offering two years M.Sc. Digital Society and One year Post-Graduate Diploma in Cultural Informatics. M.Sc. Digital Society is offered in collaboration with IIIT, Bangalore.



Convocation is a rite of passage in academic life. The 5<sup>th</sup> Convocation of the University was held on 2<sup>nd</sup> November 2018 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. Shri Bibek Debroy, Chairman, Economic Advisory Council to Prime Minister and Member of NITI Aayog figured as the Chief-guest. On this occasion, 12 research scholars received Ph.D degree and a total of 514 students received their degrees. In this convocation 33 students received gold medals too.

To promote the academic spirit among the young faculty members, the 1<sup>st</sup> Chancellor's Best Faculty Award was given to two faculty members of the Central University of Rajasthan, following a rigorous process of selection.

## 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 telecommunication. There are 07 well-furnished hostels for the students; there are lush green football and cricket fields, volleyball grounds, tennis courts outdoors while there are badminton and Table-tennis courts indoors. Besides, there are other facilities like Mega-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.

Besides, the University is well equipped with the latest technology whether in laboratories or the library (Inflibnet and other e-resources) or the class-rooms (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. The crowning glory of our infrastructure is the University Guest House. 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-FRIENDLY MODULE

The entire framework within which the University functions is learner-friendly. Right from admission to the award of degree, the student is given a transparent, hassle-free experience. The student in-take through an All-India Test (CUCET) is in perfectly in line with the idea of 'social inclusion' besides bolstering up the national character of a Central University with cultural diversity and due regional representation. With the facility of Choice-based Credit System, Audit Courses, Open Electives and MOOC courses through SWAYAM and NPTEL, the academic structuring is strongly student-friendly. Presence of Foreign students helps make classrooms multi-cultural. The students are facilitated to get financial support through various fellowships from state- and union-government agencies.

## EXTRA-CURRICULAR WORLD OF THE UNIVERSITY

Holistic growth and bringing the inner potential of the student is of key importance in higher education. Therefore, effort is always made in Central University of Rajasthan to bring appropriate mix and balance of the academic,



sports, culture, extra-curricular engagements and other activities in coherence. For a proper nurturing and showcasing of innate talent of the students, the University has constituted Cultural Committee, Sports Committee, and also has active NSS unit in addition to various activities around the academic year. Within Cultural Committee there are five clubs, like Literary Club (*Abhivyakti*), Drama Club (*Abhinaya*), Dance Club (*Nrityada*), Music Club (*Sargam*), Art Club (*Kala-Kriti*). Each of these clubs organised their annual events where the students took active part and added colours, vibration and enjoyment in campus life. The Cultural Committee actively celebrated the *Matribhasha Diwas* that represented the cultural and linguistic diversity within the University. Further, cultural evenings were arranged in various other occasions of International/ National conferences and workshops held in university campus.

The Sports Committee organized a number of sports events like football, cricket, volleyball, badminton, basketball tournaments and competition round the year both for the girls and boys. Such activities were most important to support active sporting spirit and healthy physical engagements of the students. Beyond these annual events the students are engaged with various sports, music, drama and cultural activities in their hostel and clubs. The clubs and activities became a very effective medium for encouraging interactions among different batch of students across the schools. Over the years other activities like, blood donation camp, international yoga day, clean-up campaigns, plantation in the campus are conducted. Various SPIC MACAY events were organized in the university auditorium for the students and staff of the university. On completion of one decade of its journey the University foundation day was celebrated on 1<sup>st</sup> March 2019 and the program highlighted the theme “Heritage of Kishangarh”. In the evening there was a gorgeous performance by *Padmashri* Gulabo Sapera on Rajasthani Folk-dance. These activities effectively added enjoyment, warmth, fun, learning and sense of social responsibility among the students.

NSS is also operative in the University. In the year 2018–19, a host of activities were held like Blood Donation Camp, Visit Pushkar, Cleanliness Campaign, Assessment of Cleanliness Mechanism Campaign, Street Plays. Cultural Programs and training are also a regular feature of our calendar.

## THE STUDENT ACHIEVERS

The students have always made the university proud of their achievements. 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 the students from different discipline have qualified National level tests conducted by UGC, ICSSR, and CSIR. The Students of CURaj have showed their talents at several sports events at national and regional levels. The Ph.D. scholars have made number of presentations in various national, international conferences. Likewise, several students from different departments have made their space in various fields.

A team of NSS volunteers participated in Annual NSS Festival *Conferencia de Youth- 2019* at BITS Pilani from 29<sup>th</sup> to 31<sup>st</sup> March 2019 and won the First Prize in the event *Mukhaute* (street play on a burning societal issue). Mr. Kumar Sourav, NSS volunteer was honoured by Higher Education Minister of Rajasthan in the category of the State Award for NSS volunteer by the Department of College Education on 14<sup>th</sup> June 2019. He also joined the Republic day parade 2019 held in Delhi. This year we have participated in the west zone and all India interuniversity competitions at various places organized by association of Indian Universities (AIU).



## FACULTY PROFILE

Centers of higher learning are best known by the quality of teachers they have. The University is proud to have a very young and energetic lot of faculties, 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 Centers of Excellence. Besides, many of the faculties have research experiences 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), Singapore (National University of Singapore) and suchlike.

The expertise of highly qualified teachers is thus ensured for the proper mentoring and growth of the learners. During the year under report, the University faculty members presently are working on more than 125 research projects worth more than 100 Crores from funding agencies like DST, CSIR, DBT, ICCSR, SAC, SERB, and UGC.

## EMPLOYMENT INITIATIVE

Meeting the needs of the job sector and industrial demands for appropriate human resources is always kept at the forefront while designing the syllabi and through various practical field exposures to the students. The motto of the University is not just to educate students but also to make them employable so that they can contribute responsibly in the advancement of the country. The skill of young India is most important for changing the socio-economic paradigm of the country. The University Placement Cell has, over the years, conducted various workshops and placement drive within campus and off-campus. 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, agencies. The students of different discipline such as M.Tech, M.SC, MBA, MA Culture and Media studies, Economics, Social Work, Public Policy, Big Data Analytics, and Hindi got job through placement drive. From the total students who registered for placement, 77% of them have received job offer. Some of the prominent companies that offered placement to the students are Prince Water house Corporation (PWC), Azim Premji Foundation, Deolite, American Express, Nagaro Software, Mayo School, Athmin Technology, Tagore School and Micro House Finance Corporation Ltd.

## 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-Altaisk State University (GASU), Russia, Monash University, Melbourne, Australia, California State University, San Bernardino, USA, and 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, 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 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, greener, constructed soak pits, health sanitation activities, life-skills sessions, and personal hygiene sessions with adolescent girls.

## DEVELOPING IDEAS FOR A BETTER WORLD

The university is untiringly committed to the task of generating ideas for a better world. To this end, it regularly holds academic activities. By the end of the session 2018–19, several conferences, seminars and workshops had been 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 a Distinguished Lecture Series under which different scholars of high caliber came to enlighten students in various areas of human experience. During the year under report, the University hosted 4 Distinguished Lecture, in the academic year 2018–19. The purpose of Distinguish Lecture Series is to inspire, discuss and debate about a range of relevant topic and subject of general interest keeping in view the theme of education and motto of University “education for sustainable development”. In this series, Professor Dipankar Nandi, from Indian Institute of Science, Bangalore, delivered a lecture on “The 2018 Noble prize in medicine on T cell co-stimulation and anti-tumor therapy” on 28<sup>th</sup> January 2019. To celebrate the International Women’s day in its true spirit, Professor Shanta Sinha(Retd. Prof) from University of Hyderabad, was invited and delivered a lecture on “Understanding status of women in the context of violence, caste and workforce participation” on Friday, 8<sup>th</sup> March 2019. Further within this series Dr. Jitendra Nath Misra, India’s former ambassador to Portugal and the Lao People’s Democratic Republic, delivered a lecture on “India’s Foreign Policy: A Practitioner’s Perspective” on 2<sup>nd</sup> April 2019.

## UNIVERSITY INNOVATION CELL

Innovation is the key to finding a solution to long-standing problems of human life. 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 villages with innovative solutions. Subsequently, considering MHRD’s directive, an Institute Innovation Council(IIC) was established in October 2018. The IIC also has on board several External Experts from various fields related to the development of innovation and innovative practices. It has a



representative from a nearby Incubation Centre, an expert on Intellectual Property Rights (IPR)/ Patent, alumni of Central University, 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 in CURAJ as well as some of the activities that had been put up by the MHRD. The students actively participated in the webinar sessions on “India First Leadership Talk Series” that was organized by MHRD through a series of webinar interactions with pioneers and trendsetters in various fields of science, technology and commerce. Further, activity on the Nobel Lecture series, which had been initiated under the aegis of the Innovation Cell in the previous year, was also continued in the year 2018–19. While University was celebrating the National Science Day and 10<sup>th</sup> Anniversary, Professor Desirazu Narasimha Rao, from Indian Institute of Science Bangalore, was invited and delivered a lecture on “The 2018 Nobel Prize in Chemistry” on 1<sup>st</sup> March 2019.

## TEACHING LEARNING CENTRE (TLC)

The Teaching Learning Center 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 (PMMMNMTT). 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 promote on a continuous basis, discipline-specific curricula, pedagogy, learning materials (including e-content) for use by the teachers in colleges and postgraduate departments. Towards this direction, TLC conducted various workshops, a training program in this year 2018–19. The TLC organized a 5 different training workshop, and refresher courses:

- Workshop on UGC Quality Mandate in HEIs 9<sup>th</sup> & 10<sup>th</sup> September 2018
- Ten Days Workshop on Teaching-Learning & Evaluation for Faculty Members of HEIs from 15<sup>th</sup>–24<sup>th</sup> December 2018
- Three Day Training Workshop on Effective Teaching/Learning Methods for Science Teachers of School from 7<sup>th</sup>–9<sup>th</sup> February 2019
- Five days’ Workshop on “Enhancing of Teaching and Learning Skills in Statistics” from 12<sup>th</sup>–16<sup>th</sup> March 2019
- Ten Days Refresher Course on Capacity Building Program for Teachers of Higher Educational Institutions (HEIs) from 9<sup>th</sup>–19<sup>th</sup> April 2019
- Four Weeks Induction Training Program For Faculty Members of Higher Educational Institutions (HEIs) 27<sup>th</sup> May to 22<sup>nd</sup> June 2019

These workshops/refresher courses were attended by the participants across the country and the participants expressed their high-level satisfaction with the program. In each of the program, the sessions were conducted by eminent academicians and practitioners invited from different institutes and universities. The TLC developed a user-friendly software (web address: [www.nextgenmooc.com](http://www.nextgenmooc.com)) to facilitate content cleaning and content delivery. The software gathers MOOC courses metadata (course name, syllabus, provider, start date, end date, etc.) from all the MOOCs courses provider and displays the details of all the MOOCs courses available for a specified course in the order of matching with the course syllabus of the university.



## VISTAS AND PROSPECTS

The University is solemnly committed to the vision of evolving into a center of education where skillful and knowledgeable human resource is developed for a better, equitable and forward-looking nation. Each of our future endeavors shall be a step in this direction. Our 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 ideals in our view, we shall strive to become a society wherein human potential should blossom to its outermost contours with an unwavering belief in human perfectibility through education.



## Academic Information

This chapter describes in details the academic aspect of the university in the year 2018-19. The first table (Table No.-1) showed the details of admission in different reserved and unreserved category. The second table (Table No.-2) depicts the admission in various Ph.D. programs. The third table (Table No.-3) shows the gender distribution of the students hailing from different States in various programmes. The next table (Table No.-4) gives the details of gold medalists who received their degree in 5<sup>th</sup> convocation held on 2<sup>nd</sup> November 2018. In this convocation, total 514 degrees were awarded including 12 Ph.D. For the 1<sup>st</sup> time Integrated Masters' Programme (5 years) and Integrated M.Sc. B.Ed. Programme degrees were awarded.

**Table 1: Information Regarding Admission in the Academic Year 2018-19**

Admission 2018-19																					
S.N	COURSE	SUB.	Original Intake					Intake Admitted in CUCET-2018					Admitted Students					Admitted Against UR			
			GEN	OBC	SC	ST	TOTAL	GEN	OBC	SC	ST	TOTAL	GEN	OBC	SC	ST	TOTAL	OBC	SC	ST	TOTAL
1	B.Voc.	Interior Design	25	13	8	4	50	25	13	8	4	50	14	20	4	1	39	7	0	0	7
2	Int. M.Sc.	Biochemistry	13	6	4	2	25	13	6	4	2	25	8	6	4	0	18	0	0	0	0
3	Int. M.Sc.	Biotechnology	13	6	4	2	25	13	6	4	2	25	2	11	3	1	17	5	0	0	5
4	Int. M.Sc.	Chemistry	13	6	4	2	25	10	5	3	2	20	3	2	2	1	8	0	0	0	0
5	Int. M.Sc.	Computer Science	13	6	4	2	25	13	6	4	2	25	5	9	3	1	18	3	0	0	3
6	Int. M.Sc.	Economics	13	6	4	2	25	10	5	3	2	20	5	4	2	0	11	0	0	0	0
7	Int. M.Sc.	Environmental Science	13	6	4	2	25	9	5	3	1	18	4	4	2	0	10	0	0	0	0
8	Int. M.Sc.	Mathematics	13	6	4	2	25	13	6	4	2	25	8	9	3	2	22	3	0	0	3
9	Int. M.Sc.	Microbiology	13	6	4	2	25	13	6	4	2	25	3	8	3	1	15	2	0	0	2
10	Int. M.Sc.	Physics	13	6	4	2	25	10	5	3	2	20	2	9	3	2	16	4	0	0	4
11	Int. M.Sc.	Statistics	13	6	4	2	25	13	6	4	2	25	7	8	4	1	20	2	0	0	2
12	M.Arch	Architecture	10	5	3	2	20	10	5	3	2	20	6	2	4	0	12	0	1	0	1
13	M.Sc.	Biochemistry	10	5	3	2	20	6	3	2	1	12	5	4	1	0	10	1	0	0	1
14	M.Sc.	Biotechnology	10	5	3	2	20	8	4	2	1	15	4	4	0	0	8	0	0	0	0
15	M.Sc.	Chemistry	10	5	3	2	20	10	5	3	2	20	5	7	2	0	14	2	0	0	2
16	M.Com	Commerce	10	5	3	2	20	10	5	3	2	20	5	3	1	0	9	0	0	0	0
17	M.Sc.	Computer Science	10	5	3	2	20	10	5	3	2	20	3	0	1	0	4	0	0	0	0
18	M.Tech	Computer Science & Engineering	9	5	3	1	18	9	5	3	1	18	5	2	0	0	7	0	0	0	0
19	M.Tech	Cyber Physical System	5	3	1	1	10	5	3	1	1	10	0	1	0	0	1	0	0	0	0
20	M.A.	Culture & Media Studies	10	5	3	2	20	8	4	2	1	15	3	3	0	0	6	0	0	0	0

Table 1 (Contd.)...





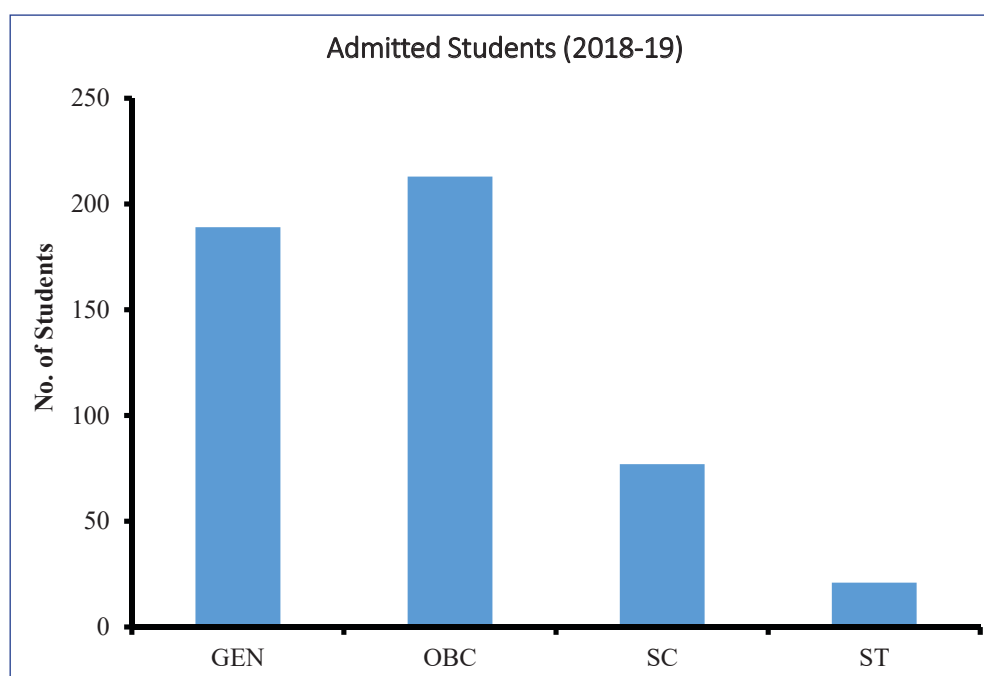
...Table 1 (Contd.)

21	M.A.	Economics	10	5	3	2	20	10	5	3	2	20	4	0	3	1	8	0	0	0	0
22	M.A.	English	10	5	3	2	20	10	5	3	2	20	3	4	3	0	10	0	0	0	0
23	M.Sc.	Environmental Sciennce	10	5	3	2	20	6	3	2	1	12	2	1	1	1	5	0	0	0	0
24	M.A.	Hindi	10	5	3	2	20	13	6	4	2	25	0	5	2	0	7	0	0	0	0
25	MBA	Management	15	8	5	2	30	15	8	5	2	30	10	10	3	1	24	2	0	0	2
26	M.Sc.	Mathematics	10	5	3	2	20	10	5	3	2	20	3	10	3	1	17	5	0	0	5
27	M.Sc.	Microbiology	10	5	3	2	20	6	3	2	1	12	2	6	1	1	10	3	0	0	3
28	M.Pharm	Pharmaceutcal Chemistry	10	5	3	2	20	8	4	2	1	15	5	4	2	0	11	0	0	0	0
29	M.Pharm	Pharmaceutics	5	3	1	1	10	5	3	1	1	10	2	4	1	0	7	1	0	0	1
30	M.Sc.	Physics	10	5	3	2	20	6	3	2	1	12	1	3	0	0	4	0	0	0	0
31	M.A.	Public Policy, Law & Governance	10	5	3	2	20	8	4	2	1	15	2	1	0	0	3	0	0	0	0
32	M.A.	Social Work	10	5	3	2	20	9	5	3	1	18	6	8	3	1	18	3	0	0	3
33	M.Sc.	Statistics	10	5	3	2	20	10	5	3	2	20	3	5	1	0	9	0	0	0	0
34	M.Sc.	Atmospheric	5	3	1	1	10	5	3	1	1	10	5	2	2	1	10	0	1	0	1
35	M.Sc.	Computer Science (Big Data Analysis)	9	5	3	1	18	10	5	3	2	20	13	5	0	0	18	0	0	0	0
36	M.Sc.	Yoga Therapy	5	3	1	1	10	5	3	1	1	10	3	3	1	0	7	0	0	0	0
37	PG Diploma	in Cultural Informatics	5	3	1	1	10	5	3	1	1	10	0	1	2	0	3	0	1	0	1
38	M.Sc.	Sports Biochemistry	5	3	1	1	10	5	3	1	1	10	1	3	0	0	4	0	0	0	0
39	M.Sc.	Sports Nutrition	5	3	1	1	10	5	3	1	1	10	2	0	0	0	2	0	0	0	0
40	M.Sc.	Sports Physiology	5	3	1	1	10	5	3	1	1	10	4	0	0	0	4	0	0	0	0
41	M.Sc.	Sports Psychology	5	3	1	1	10	5	3	1	1	10	0	0	0	0	0	0	0	0	0
42	M.Sc.	Digital Society	5	3	1	1	10	5	3	1	1	10	5	1	0	0	6	0	0	0	0
43	Int. M.Sc	B.Ed. (Physics)	13	6	4	2	25	8	4	2	1	15	4	6	2	1	13	2	0	0	2
44	Int. M.Sc	B.Ed. (Chemistry)	13	6	4	2	25	8	4	2	1	15	6	3	1	1	11	0	0	0	0
45	Int. M.Sc	B.Ed. (Mathematics)	13	6	4	2	25	10	5	3	2	20	4	12	3	1	20	7	0	0	7
46	Int. M.Sc	B.Ed. (Economics)	13	6	4	2	25	8	4	2	1	15	2	0	1	1	4	0	0	0	0
Total			470	235	139	82	926	418	213	121	70	822	189	213	77	21	500	52	3	0	55

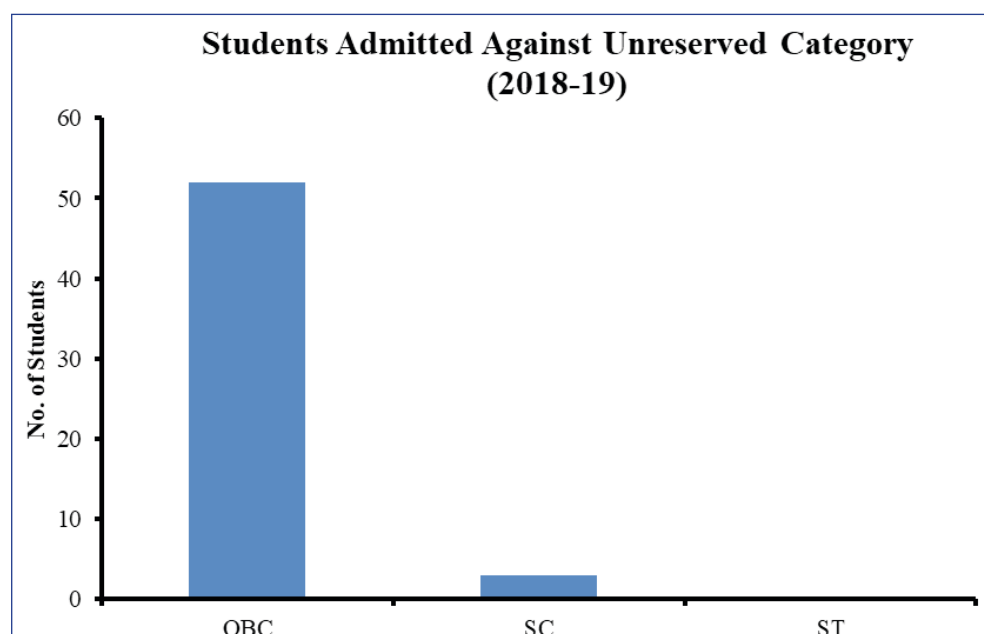
The table-1, above depict that total 500 students took admission in the academic session 2018-19. Out of this, 213 students (42.6%) belong to OBC category, 189 students (37.8%) belong to general, 77 students (15.4%) were from SC category and rest 21 students (4.2%) came from ST category. The table also shows that 55 students belonging to reserve 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 2018-19, in the Central University of Rajasthan. Figure-2, show the number of students belonging to different category, able to secure unreserved seats according to merit list in different programme.



**Fig. 1: Number of Students Admitted in Academic Year 2018-19**



**Fig. 2: Number of Students Admitted Against Unreserved Category in Academic Year 2018-19**

**Table 2: Information Regarding Admission in Ph.D. Programme in Academic Session 2018-19**

S. No.	Name of the Programme	Intake	Admitted Students				
			UR	OBC	SC	ST	Total
1	Ph.D. Architecture	2	0	0	0	0	0
2	Ph.D. Atmospheric Science	2	0	0	0	0	0
3	Ph.D. Biochemistry	5	0	0	0	0	0
4	Ph.D. Biotechnology	7	1	0	0	0	1
5	Ph.D. Chemistry	8	3	2	0	0	5
6	Ph.D. Commerce	7	3	1	1	1	6
7	Ph.D. Computer Science	5	1	1	0	0	2
8	Ph.D. Computer Science & Engineering	2	0	1	0	0	1
9	Ph.D. Culture and Media Studies	4	1	1	0	0	2
10	Ph.D. Economics	4	1	1	1	0	3
11	Ph.D. Education	3	1	1	0	0	2
12	Ph.D. English	5	2	0	1	1	4
13	Ph.D. Environmental Science	5	3	1	0	0	4
14	Ph.D. Hindi	6	2	2	1	0	5
15	Ph.D. Mathematics	8	3	1	1	1	6
16	Ph.D. Microbiology	6	0	0	0	0	0
17	Ph.D. Physics	16	0	2	1	0	3
18	Ph.D. Pharmacy	6	0	0	1	0	1
19	Ph.D. Public Policy, Law and Governance	5	1	0	0	0	1
20	Ph.D. Social Work	2	1	0	0	0	1
21	Ph.D. Statistics	8	3	0	0	0	3
	Total	116	26	14	7	3	50

According to table No.2, total 50 students took admission in Ph.D. programme in 2018-19, in 17 different programmes, against 116 seats. Through CUCET-2018, all the admission was conducted.

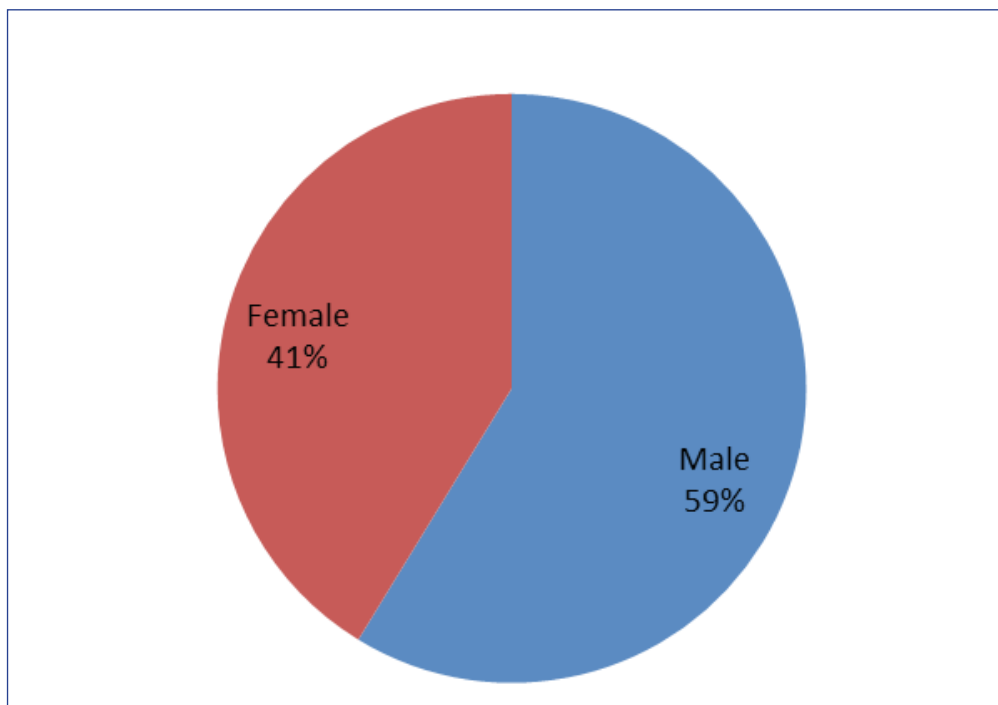


**Table 3: State-Wise Distribution, According to Gender of the Students in all Programmes in the Academic Session 2018-19**

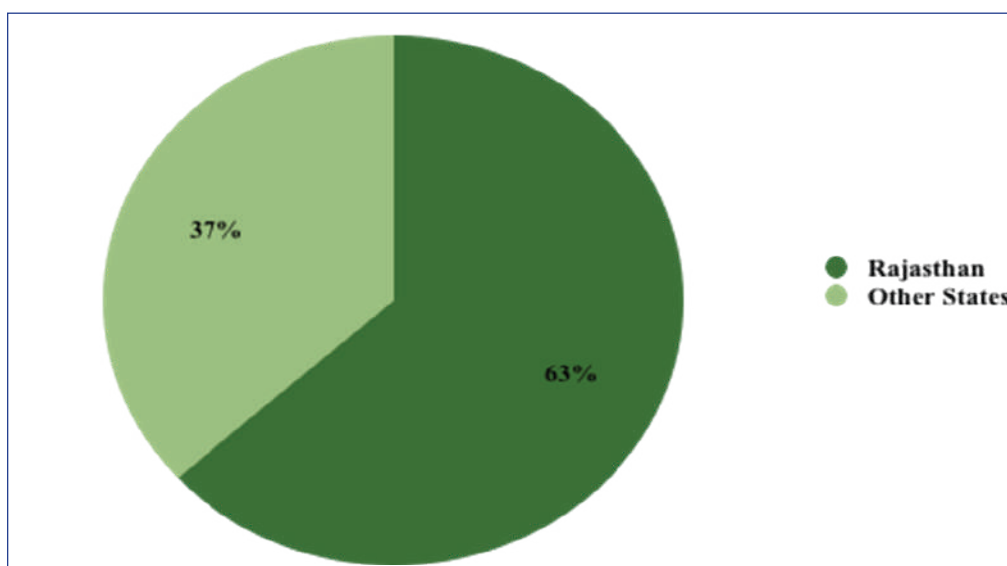
State	B.VoC		Integrated M.Sc. 5 yrs		M.A./M.Sc		Integrated M.Sc B.Ed 3 yrs		M.Tech/ M.ARCH		MBA		NEW		Ongoing		TOTAL		TOTAL	% age
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Arunachal Pradesh	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0.08
Andhra Pradesh	0	0	2	3	0	0	1	0	0	0	1	0	3	1	4	3	7	4	11	0.84
Assam	0	0	0	0	3	1	0	0	0	0	4	0	3	2	7	1	10	3	13	1.00
Bihar	1	3	13	4	4	4	2	0	1	0	0	0	36	12	21	11	57	23	80	6.13
Chattisgarh	0	0	2	0	1	1	0	0	0	0	0	0	0	1	3	1	3	2	5	0.38
Delhi	0	0	2	1	5	3	0	1	0	0	0	0	13	3	7	5	20	8	28	2.14
Gujrat	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	1	1	2	0.15
Haryana	0	0	10	14	4	7	2	3	1	1	0	0	8	9	17	25	25	34	59	4.52
Himachal Pradesh	0	0	1	0	2	1	0	0	1	0	1	0	1	1	5	1	6	2	8	0.61
Jharkhand	2	2	6	4	1	1	0	0	0	0	0	1	3	2	9	8	12	10	22	1.68
Jammu & Kashmir	0	0	2	1	2	0	0	0	0	0	0	0	1	1	4	1	5	2	7	0.54
Kerala	0	0	5	6	5	6	0	0	0	0	0	0	14	8	10	12	24	20	44	3.37
Karnataka	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	1	0.08
Manipur	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	2	0.15
Madhya Pradesh	0	0	1	1	0	1	0	0	0	1	0	0	6	5	1	3	7	8	15	1.15
Maharashtra	0	0	0	1	0	0	1	0	0	0	0	0	2	1	1	1	3	2	5	0.38
Nagaland	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0.08
Orissa	0	0	8	2	5	1	2	0	0	0	0	0	11	5	15	3	26	8	34	2.60
Punjab	0	0	2	6	1	0	0	1	0	0	0	1	4	0	3	8	7	8	15	1.15
Rajasthan	27	17	205	158	34	33	44	40	2	4	5	8	163	87	317	260	480	347	827	63.32
Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.08
Tamilnadu	1	0	1	1	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3	0.23
Telangana	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	3	0.23
Uttarakhand	0	0	0	1	2	1	0	1	1	0	0	0	4	4	3	3	7	7	14	1.07
Uttar Pradesh	1	2	10	5	6	5	1	1	4	1	1	0	15	20	23	14	38	34	72	5.51
West Bengal	0	0	5	3	0	0	1	0	0	0	0	0	15	7	6	3	21	10	31	2.37
Foreign National	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	2	2	0.15
Total	32	24	276	211	76	67	54	47	10	7	13	10	306	173	461	366	767	539	1306	100



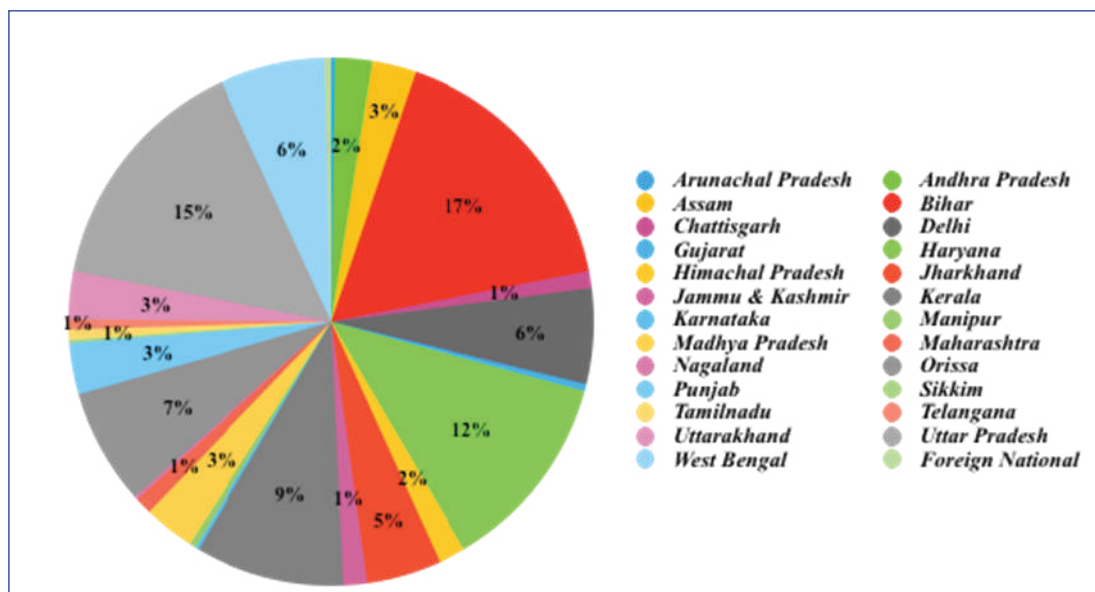
The gender distribution in the table no.3 and in the figure 4 shows that 41% of the students are female, while 59% of the students are male in the academic session 2018–19. The table also highlight that there are students from 26 different States of India also from other Nation, studying in Central University of Rajasthan that aptly represent a pan-India feature and cosmopolitan culture.



**Fig. 3: Gender-wise Distribution of Students Admitted upto the Academic Year 2018–19**



**Fig. 4: Percent of Students from Rajasthan vs. Other States upto the Academic Year 2018–19**



**Fig. 5: Percent of Students from Other States upto Academic Year 2018-19**

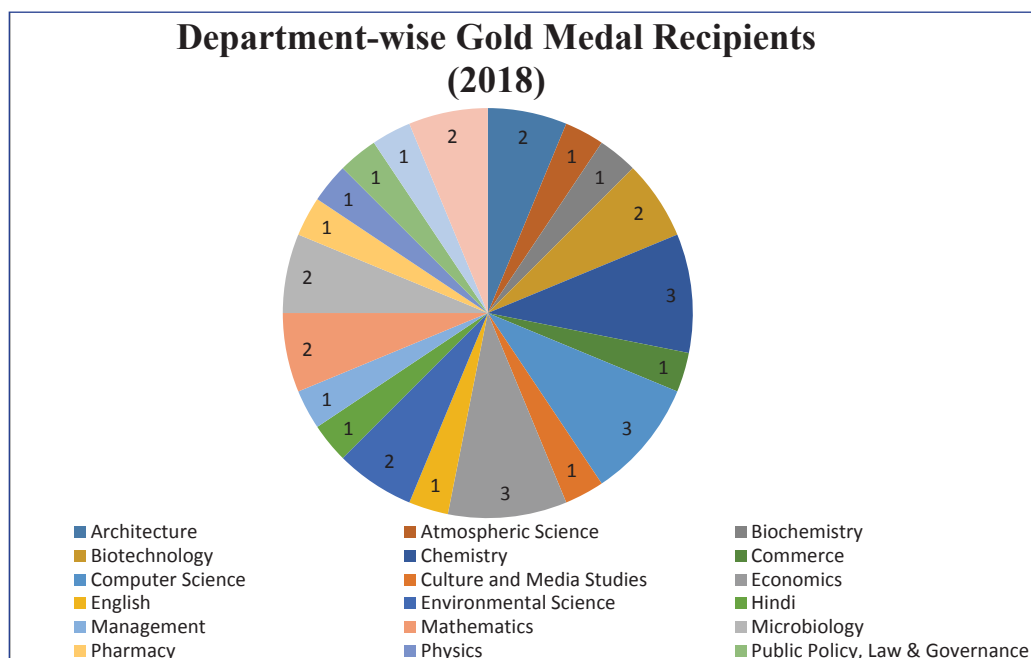
The following table (No-4) has shown the name of the recipient of Gold Medal for the 5<sup>th</sup> Convocation. Total 33 students received the goal medal for holding the top position in different stream.

#### Table 4: List of Recipients of the Gold Medal in the 5th Convocation

S. No.	Names	Year of Passing	Program	Department
1	Sojo James	2018	M. Arch. (Sustainable Architecture )	Architecture
2	Shruti Panwar	2018	M.Sc. Biochemistry	Biochemistry
3	Khushboo Rani	2018	M.Sc. Biotechnology	Biotechnology
4	Kajol Yadav	2018	M.Sc. Chemistry	Chemistry
5	Komal Jangid	2018	M.Com.	Commerce
6	Kiran Scaria	2018	M.Sc. Computer Science	Computer Science
7	Tinamunam Sahoo	2018	M.Sc. CS (Big Data Analytics)	Computer Science
8	Dasharath Singh	2018	M.A. Culture and Media Studies	Culture and Media Studies
9	Isha Sharma	2018	M.A. Economics	Economics
10	Nirmal Joseph	2018	M.A. English	English
11	Siddhartha Sarkar	2018	M.Sc. Environmental Science	Environmental Science
12	Pradeep Attri	2018	M.Sc. Atmospheric Science	Atmospheric Science
13	Tarachand Kumawat	2018	M.A. Hindi	Hindi
14	Kanika Runwal	2018	MBA	Management
15	Priyanka	2018	M.Sc. Microbiology	Microbiology



16	Harsha P J	2018	M. Pharm (Pharmaceutical Chemistry)	Pharmacy
17	Premashis Kumar	2018	M.Sc. Physics	Physics
18	Deepika Kumari Meena	2018	M.A. Public Policy Law & Governance	Public Policy, Law & Governance
19	Hamzah Hassan Motta	2018	M.A. Social Work	Social Work
20	Mareeswaran M.	2018	M.Sc. Statistics	Statistics
21	Ashita Gadwal	2018	Integrated M.Sc. Biotechnology	Biotechnology
22	Bal Krishna Sharma	2018	Integrated M.Sc. Chemistry	Chemistry
23	Vidhi	2018	Integrated M.Sc. Computer Science	Computer Science
24	Shobhana Sikhawal	2018	Integrated M.Sc. Economics	Economics
25	Rakhi Giri	2018	Integrated M.Sc. Environmental Science	Environmental Science
26	Priyanka Gehlot	2018	Integrated M.Sc. Microbiology	Microbiology
27	Komal Shekhawat	2018	Integrated M.Sc. Statistics	Statistics
28	Bindu Chaudhary	2018	Integrated M.Sc. Mathematics	Mathematics
29	Jyoteshna Kharb	2018	Integrated M.Sc. B.Ed. Chemistry	Chemistry
30	Chandan Kumari Dubey	2018	Integrated M.Sc. B.Ed. Economics	Economics
31	Preeti Meena	2018	Integrated M.Sc. B.Ed. Mathematics	Mathematics
32	Monu Jangid	2018	B. Voc. 2015 Jan.(Interior Design)	Architecture
33	Surbhi Maheshwari	2018	B. Voc. 2015 July (Interior Design)	Architecture



**Fig. 6: Department-wise Recipients of the Gold Medal in the 5th Convocation**





**Table 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

The above table No. 5 gives the details of all five convocation ceremony held in the university. The 5<sup>th</sup> convocation was held on 02<sup>nd</sup> November 2018 and for the 1<sup>st</sup> time Integrated Masters' Programme (5 years) and Integrated M.Sc. B.Ed. Programme degrees were awarded. In total 514 degrees were awarded. In 5<sup>th</sup> Convocation total 12 Ph.D. degrees are awarded. The table No.6 gives the details of number of the degree awarded to the students passed in 2018, under different programme from Central University of Rajasthan.

**Table 6: Details of Number of Degree Awarded to the Students Passed in 2018, Under Different Programmes**

M.A.		M.Sc.		M.Tech		Int. M.Sc.		Int. M.Sc. B.Ed.		B. Sc.	B. Voc.	Ph.D.	Total
Arch	17	Atmospheric Science	3	CSE	8	NA	NA	NA	NA	89	27	12	NA
Commerce	18	Biochemistry	9	NA Biotechnology Chemistry Computer Science Economics Environmental Science NA Mathematics Microbiology NA Physics 3 Statistics 13		Biochemistry	10	NA	NA	NA	NA	NA	
CMS	5	Biotechnology	7			14	NA	NA	NA	NA	NA		
Economics	12	Chemistry	7			6	Chemistry	17	NA	NA	NA		
English	13	Computer Science	7			16	NA	NA	NA	NA	NA		
Hindi	13	CS (Big Data Analytics)	11			5	Economics	2	NA	NA	NA		
MBA	29	EVS	7			8	NA	NA	NA	NA	NA		
PPLG	7	Tech Maths (2014)	1			NA	NA	NA	NA	NA	NA		
MSW	17	Maths	4			8	Mathematics	22	NA	NA	NA		
NA Pharmacy Physics Statistics		Microbiology	13			11	NA	NA	NA	NA	NA		
		5				NA	N.A	NA	NA	NA			
		10				Physics	21	NA	NA	NA			
		7				NA	NA	NA	NA	NA			
Total	131	Total	91	Total	8	Total	94	Total	62	89	27	12	514

NA= Not Applicable



## Infrastructural Facilities

### CENTRAL LIBRARY

The Central University of Rajasthan has a resourceful and well-equipped library. It provides an array of print and electronic material for a variety of scholarly content to its entire community covering students, research scholars, teachers, administrative staff, experts, and visitors. The number of e-journals subscribed by the library is above 34891 titles from more than 17 National and International publishers and aggregators. To meet the research needs of students and faculties of the University, the library subscribes 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: book lending, referencing, document delivery, Web OPAC, photocopy, inter-library loaning of material through DELNET and INFLIBNET. Thus, with the seating capacity of about 150 members, 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 for meeting the needs of the users.

The library holdings consist of about 32,286 books in print and 487 in the online version; there is a total of 34,891 online journals while there are 63 National, 20 International, and 593 Bound Volumes of print journals. About 18 Newspapers and 42 Magazines are also regularly subscribed. Besides, the library has 04 Online Databases and a collection of 770 CD-ROMs.

**ICT Services:** The CURaj library automated the routine works with LibSys7 along with WebOPAC. It is made available to users through CURaj Campus Network. Users can access our library WebOPAC at <http://10.0.0.16:8380/opac/>. The library is Wi-Fi enabled and has a well-established cyber library with 15 networked PC connected with LAN, which helps users to access thousands of electronic resources. The library is now planning to adopt open source software for library automation and 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 as well. Following are some of the events conducted by the



Library in the academic year under report:

- Library Advisory Committee Meeting: Under the Chairmanship of Hon'ble Vice Chancellor the 7th meeting of the Library Advisory Committee held on Monday, 1st October 2018 and 8th meeting of the Library Advisory Committee held on Wednesday, 30th January 2019 in the Conference Room of Administrative Building, Central University of Rajasthan. All the matters of the library review and the future direction of growth were discussed.
- User Awareness Program on Abstract and Citation database (Web of Science) organised by CURaj library on 4th December 2018.
- User Awareness Program and Training on Reference Management Tool (Endnote) organised by CURaj library on 4th December 2018.
- **Restoration and Preservation of the Cultural heritage of Kishangarh:** One-day “Brainstorming Meeting on Cultural Heritage of Kishangarh” organised by CURaj Library on 25th June 2018 at Phool Mahal Palace, Kishangarh. The meeting highlighted the rich and unique cultural heritage, particularly the unique painting style and poetic tradition of Kishangarh.

## HOSTEL FACILITIES

**Accommodation:** The Hostel-life is part of student hood in the journey of academic growth and achievement. There are six hostels in CURaj, three for boys and three for girls. During the Academic year 2018–19 students have taken admission in various courses of UG, PG and Ph.D. All of them have been allotted the hostel accommodation as per their request. To facilitate the convenience of students there are exclusively separate buildings for Boys and Girls. At present there are 03 Girls Hostels (300 student capacity in each hostel) which can accommodate more than 900 girl students and 3 Boys Hostels (450 students capacity in each hostel) which can accommodate up to 1350 Boys. The Ph.D. students have been allotted accommodation in a separate building.







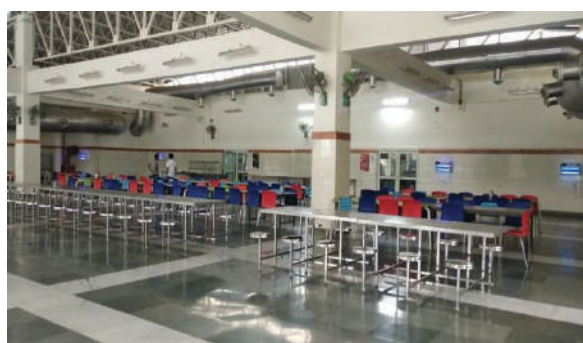
The accommodation allotted to students building wise is as follow:

• B-1 (Girls Hostel)	-	156
• B-2 (Girls Hostel)	-	227
• B-4 (Girls Hostel)	-	218
• B-5 (Boys Hostel)	-	391
• B-6 (Boys Hostel)	-	285
• B-7 (Boys Hostel)	-	110

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 the wardens to manage the hostels and related affairs. The council is headed by Prof. Vipin Kumar as the Chief Warden and Dr. Anjali Sharma as the Additional Chief Warden (for Girls hostels). The other members are, Dr. Suman Tapryal, Dr. Motiniva Nayak, Dr. Deeksha Tripathi, Dr. Shaizy Ahmed, Dr. Ritu Singh, Dr. Hemlata Manglani, Dr. Neha Arora, Dr. Muzzammil Hussain, Dr. Sanjay Kumar Patel, Dr. Satyanarayan Murty Dogga, Dr. Narendra Kumar, Dr. Ram Kishor, Dr. Gobind Singh, Dr. J.P. Tripathi, Dr. Sanjay Kumar, Mr. Ravi Saharan and Dr. Pramod Kumar Naik.

**Mess Facility:** A Mega Mess facility is available for catering approximately one thousand boy students. At a time 500 boy students can be supplied food. Further three other messes are functioning in the girls hostels for catering girl students. Messes are furnished well with modern equipment for cooking, maintaining hygiene and seating and supplying arrangements.



**Washing Machine Arrangements:** Six washing machines and dryers have been installed and functioning at B-5 Building of boys hostel which is exclusively used by boy students. Similarly other six washing machines and dryers are functional at B-4 girls hostel which are exclusively used by girl students.







### Common Lounge and Reading Room Facilities:

In the lounge area of each and every hostel LCD Television Facilities are provided. This facilitates the students for their recreation, sports and news activities. Further, in most of the hostel rooms LAN connection facilities are available to access Internet which helps immensely for their 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 passwords to access the Internet. Many of the reputed News Papers like Economic Times, Times of India, Dainik Bhaskar, Rajasthan Patrika are made available to the students. Reading room facilities are also available in each hostel buildings for the students.



**Gyms and Sports Facilities:** Gym facilities are provided in both boys and girls hostels separately with most of the modern equipment.

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 also like football, volleyball, Basketball, Cricket and many other games. Gender Specific needs of the Girls: Sanitary Napkin Vending Machines and Incinerators facilities are available in each Girls Hostels.



Beyond these, students are fully encouraged for outdoor games also like football, volleyball, Basketball, Cricket and many other games.

**Gender-Specific Needs of the Girls:** Sanitary Napkin Vending Machines and Incinerators facilities are available in each of the Girls Hostels.







## ADMINISTRATIVE AND ACADEMIC BUILDINGS

The university is enriched with a number of buildings for academic departments and administrative functions. Till 2017 September, 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 in the new administrative building that is housing all the key administrative offices, like Vice Chancellor's secretariat, registrar, dean-research, dean-planning, finance office, 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 building and building for housing the center library will be constructed within the same circularly designed cluster as per the plan. Other Departments and central library are functioning from the semi-permanent buildings. There is an auditorium within the university campus that provided the facilities for organizing convocation, various cultural program and other major events, conferences of the university.



## UNIVERSITY GUEST HOUSE

University Guest House is a well-designed spacious 3-storeyed magnificent structure with a capacity of 70 guest rooms. Accommodation in the University Guest House is of different types-Single Room suite, Two-Room Suites and 3-room Suites. Most of the rooms are well-furnished with air-conditioning, television set, refrigerator, geyser, and other basic amenities. In coming years, University is planning to furnish all rooms.





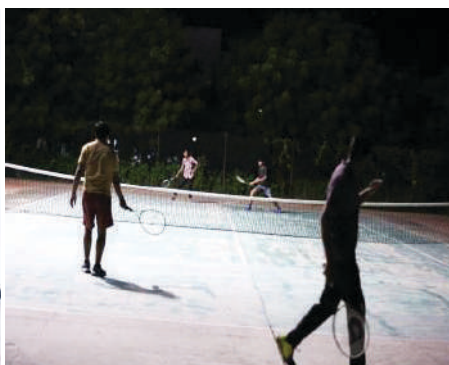
In order to maintain the occupancy rate, a part of the Guest House accommodates teaching faculty and officers. These teachers volunteer to help in the management of the guesthouse as well as in running a cooperative boarding facility. The Cooperative Mess caters to the boarding needs of the University community in general. University has a robust policy for the guesthouse and experts, examiner, visitors, and parents are accommodated in the guesthouse with different level of priorities. Thus, the University Guest House has become an essential part of University life. The University Guest House has an executive dining hall in addition to the regular mess for VIP guests of the University. The Guest House also has an activity room with a table tennis placed in it.

Prof. Praveen Sahu and Mr. Saroj Kumar Panda are faculty in charge of 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 the academic engagement. There are lush green football and cricket fields, volleyball grounds, tennis courts outdoors while there are badminton and Table-tennis courts indoors.

The university organises many sports events in the academic year in the report, 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 instil in them the significance of hard work and focus on achieving their goal.







## SHOPPING COMPLEX

CURaj believes that a vibrant campus life helps students in coming out of their shell. In this regard, University has a Shopping Complex which apart from providing many facilities to students, also stands as an important venue for many cultural and awareness-related programs and events. The University Shopping Complex includes a restaurant, tea stall, photocopy shop, dairy shop, laundry facility, and a co-operative store.

## 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 service and facilities to the CURaj community, including the villagers of the surrounding villages. 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 handing various postal requirements. These services are a crucial component in the campus life of CURaj.



## STAFF QUARTERS

The 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 teachings 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 Quarters. The Staff Quarters are well equipped with all the facilities. The VC resident is also within the campus of the university. There is a park for the children within the residential block that became an important feature to add social and psychological wellbeing of the children in the campus.





## KENDRIYA VIDYALAYA

Kendriya Vidyalaya CURAJ, Bandarsindri is located in the campus of Central University Rajasthan. The School started on 31<sup>st</sup> May, 2017 and was inaugurated in July 2017. The school has been providing quality education to the children coming from various sections of society. At present, the school has 17 teachers and 2 non-teaching staff and 317 students. There are 9 well-equipped classrooms besides a 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 levels events like social science exhibition, science exhibition, sports events etc. In the Vidyalaya, various co-curriculum activities such as solo & group song, dance, quiz competition, essay writing competition, poster making, drawing competition etc. were conducted as per calendar of CCA in which students participated with full zeal and ardent. The students secured positions in various events like Taekwondo, Boxing, Judo, English Elocution, and Green Olympiad at regional and national levels. Mr. Ram Niwas Dahiya, Librarian got KVS Regional Incentive Award-2018.



## 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. The children staged their performance on the 15<sup>th</sup> August celebration at the university.





## HEALTH CENTRE



The university has a well-equipped health centre on its premises. The centre is equipped with Oxygenator, Nebulizer, ECG, Pulse Oximeter, Resuscitation Kit (Ambubag etc.), Sphygmomanometer, wheelchairs, 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. Centre has one Ambulance service for referring critical cases to nearby higher medical centres. It provides O.P.D. services from morning 8 to 12 noon and evening 4 to 7 pm and also 24 hrs emergency services, and gives injectable, drips, Oxygen, Nebulization etc. to indoor patients.



Dr. Chobe Shivaji and Dr. Meenakshi are providing Ayurveda consultation on every Wednesday from 9 a.m. to 10 a.m. Dr. Anil Paliwal, the homeopathic physician provided consultation on every Wednesday from 12 to 3 pm. Centre also provides Physiotherapy for the benefit of the staff and students. This service was available from 5.30 p.m. to 6.30 p.m. from Monday to Thursday. Dr. Ajay Pal Nat and Dr. Ramanjit Kaur were providing these services. Centre organized medical health checkup camp for students of Kendriya Vidyalaya after every 6 months and conducted a thorough medical fitness examination.



After complete medical examination, the centre also issued Medical fitness certificates to the students as well as the other staff members. 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 medical center provided OPD consultancy to total 6830 cases and 125 cases (including students and staff) were referred to other hospitals, after giving first-aid service. An Advisory Committee consisting of senior teachers oversees the functioning of Health Centre. Dr. C C Mandal was 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 done 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. This year, Hindi workshops were organised on 17th December, 2018, 26th March, 2019 and 17th May, 2019 in which about 30 staffs of the University were trained to use Hindi in their official works. Hindi typing software was also activated in all the computers of Administrative Officers and Staffs. Many official documents such as Office Orders, Circulars, Press Releases etc. were translated and issued in Bilingual (Hindi & English) version. Hindi fortnight was also organised during 14th to 28th September, 2018. On this occasion, Hindi Debate competition was organised for students of the University. Winners of the competition were awarded by first, second and third prizes. Hindi Diwas was celebrated on 14th September, 2018. Use of Hindi in official works of the University is being increased gradually.

## OTHER SUPPORTIVE FEATURES

The Central University of Rajasthan has made various efforts to support the sustainable environment. Solar panels are installed on the rooftop of the hostels of the University, in the academics blocks and also planned to be installed for other buildings to reduce the electricity consumption and ensure maximum utilization of solar energy. Solar-systems for generating electricity are under the process of installation and currently 580 Kilowatt electricity is generated through the solar-plant. This electricity is connected with the power grid, thus helping to reduce the electricity bill. Further, water-harvesting systems were designed to support sustainable infrastructure. Plantation drive and clear-up campaign 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, green coverage is also increasing. Presently, another hostel building is under construction.













## Student Support System

### EQUAL OPPORTUNITY CELL

The University has set up an Equal Opportunity Cell 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, to establish coordination with Government and other funding agencies to mobilize financial and other academic resources to provide assistance to the SC/ST students in the University.

In the year 2018–2019, the coaching classes for the National Eligibility Test for SC/ST/OBC and minority communities' students were conducted in the activities of the Cell and 56 students benefited under the same.

Prof. J.K. Prajapat, Professor, Department of Mathematics is the Coordinator of the Equal Opportunity Cell, Central University of Rajasthan.

### ANTI-RAGGING COMMITTEE

An anti-ragging cell is operated in the Central University of Rajasthan to combat ragging in the university campus. The University has an anti-ragging squad, which monitors and sensitizes the students to ensure the ragging free atmosphere. The anti-ragging committee for the year 2018–19 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 Dr. Mohd. Hussain Kunaroo
Non-teaching staff representative	Mr. Om Kumar Kan Mr. Saroja Kumar Panda Ms. Pratima Chattraj
Representatives of local administration	Mr. Inder Singh Rathor, SHO, Bandarsindri Police Station
Representatives of local media	Mr. Shyam Manohar Pathak, Senior correspondent, Dainik Bhaskar, Kishangarh

### STUDENTS' COUNCIL

A students' council for the academic year 2018–19 is constituted in the University and students' representatives were elected by the students in department wise manner. In addition, the academic council of the university also nominated students as members of the students' council on the basis of merit in their studies, sports and extra-curricular activities. The elections were conducted on 30th August 2018. A total of 14 students' representatives were elected from various departments and 20 students were nominated by the academic council. The list is as follow.



## LIST OF ELECTED REPRESENTATIVES

Group	No. of Rep.	Name of Elected Candidate
Ph.D.	02	Mr. Himanshu Kumar Bairwa (2017PHDMB01), Department of Microbiology Mr. Shankar Lal Choudhary (2015PHDEN04), Department of English
M.Tech, M.Pharm, M.Arch	01	Mr. Akshay Gupta (2018MARCH009), Department of Architecture
Architecture	01	Nil
Chemistry	01	Mr. Vivek Meena (2018IMSBCH016), Department of Chemistry
Physics	01	Nil
Mathematics	01	Mr. Vikash (2017MSM013), Department of Mathematics
Economics	01	Ms. Shimla (2014IMSEC022), Department of Economics
Biochemistry + School of Sports Sciences	01	Nil
Microbiology	01	Ms. Shubhangini Singh (2015IMSMB020), Department of Microbiology
Biotechnology	01	Mr. Shivam Singh (2017MSBT005), Department of Biotechnology
Computer Science	01	Mr. Bharat Dadwaria (2014IMSCS008), Department of CS
Statistics	01	Mr. Pradhumn Katara (2014IMSST015), Department of Statistics
Social Work + CMS + PPLG + Society-Technology Interface	01	Election Cancelled
Hindi	01	Mr. Mukesh (2017MAH004), Department of Hindi
English	01	Mr. Rajendra Choudhary (2017MAEN009), Department of English
Commerce	01	Ms. Preeti Kumari (2017MCOM003), Department of Commerce
Management	01	Mr. Vishal (2017MBA021), Department of Management
Env. Science + Atmospheric Science	01	Nil
Education	01	Nil

**LIST OF NOMINATED REPRESENTATIVES**

Group	No. of Rep.	Name of Nominated Candidate
5-yr Integrated M.Sc. programmes,	04	Ms. Ankita Bhatt , Department of Microbiology (2014 Batch) Mr. Mohit Sharma, Department of Mathematics (2015 Batch) Mr. Shivam Rai, Department of Statistics (2016 Batch) Ms. Santosh Kumari, Department of Chemistry (2017 Batch)
Different Schools of Studies (Other than 5-yr Integrated MSc Course and Ph.D. Course). Departments which are not represented by elected members will be given preference.	10	Ms. Shubhangi Soni, Department of Hindi, School of Humanities and Languages Mr. Vishal Sharma, Department of PPLG, School of Social Sciences Mr. Rakesh Kumar Sahoo, Department of Pharmacy, School of Chemical Sciences and Pharmacy Ms. Pallavi Sharma, Department of Biochemistry, School of Life Sciences Mr. Ashish Shaji, Department of Atmospheric Science, School of Earth Sciences Ms. Gracy H David, Department of Architecture, School of Architecture Ms. Ambali Jain, Department of Management, School of Commerce and Management Ms. Anjali Mittal, Department of Statistics, School of Mathematics, Statistics and Computational Sciences Mr. Dushyant Soni, Department of Yoga Therapy, School of Education Ms. Shweta Arora, Department of Computer & Engineering, School of Engineering and Technology
NSS Cell	01	Mr. Hemang Mittal (2015IMSST006), Department of Statistics
Sports.	02	Mr. Vijay Kumar (2013IMSBEC023), Department of Economics Mr. Sachin Yadav (2014IMSPH020), Department of Physics
Cultural activities.	02	Ms. Shivanshi Sharma (2018IMSBC021), Department of Biochemistry Mr. Hansraj Arya (2014IMSMT007), Department of Mathematics
International Students.	01	Ms. Shahuza Abdul Kareem, Department of Computer Science

**ACTIVITIES CONDUCTED BY THE SPARSH CELL (2018–19)**

- Apex Body meeting of the SPARSH Committee was organized on 24<sup>th</sup> July 2018, in administration Building.
- SPARSH Cell organized an Orientation program for the students on gender sensitization and awareness on 9<sup>th</sup> August 2018.
- SPARSH Committee invited Dr. Rashmi Chaturvedi , renowned NGO worker and also the member of the committee and meetings were held on 14<sup>th</sup> of December 2018 and 8<sup>th</sup> April 2019.
- Orientation program on SPARSH for non-teaching staff and security guards of Central University of Rajasthan was organized on 16<sup>th</sup> January 2019.
- SPARSH Cell organized a drama in the University auditorium to spread awareness about gender related issues and motivate students to work in the direction of gender equity on 12<sup>th</sup> March 2019.
- Student along with SPARSH committee organized a cultural program focused on gender sensitization.



- In total, five meetings of the SPARSH cell were held on 26<sup>th</sup> October 2018, 31 October 2018, 13<sup>th</sup> November 2018, 14<sup>th</sup> December 2018, and 2nd February 2019 for different UCC cases.
- SPARSH cell provided counseling to the students on gender-related issues as and when required in the session 2018-19.







## Events

### FIFTH CONVOCATION



The Fifth Convocation of the Central University of Rajasthan was held on 2<sup>nd</sup> November, 2018. Shri Bibek Debroy, Chairman, Economic Advisory Council to the Prime Minister (EAC-PM) and Member, NITI Aayog, was the Chief Guest in the convocation and delivered the convocation address. Dr. K. Kasturirangan, Hon'ble Chancellor of the University, presided over the convocation ceremony. Members of the Executive Council, Academic Council and Court, distinguished invitees, administrative authorities, guests, media persons, faculty members, students and their parents and others witnessed the ceremony. Hon'ble Vice Chancellor,

Prof. Arun K. Pujari, presented the report on the occasion.

While delivering the convocation lecture, Chief Guest, Shri Bibek Debroy stated that *"Happiness doesn't lie outside, happiness doesn't lie in terms of relationship to the external world. Happiness is inside you and may you find that happiness because that is what your destiny is. In course of time, you will represent the young India"*.

Prof. Arun K. Pujari, Vice Chancellor, while presenting the report stated, *"The University offers 60+ Masters and PhD programmes in its 30 Academics departments and all courses are high demand. He informed that some of the innovative courses are in less demand compared to the traditional courses, but nevertheless, our enrolment is in ascending order. As per the NAAC accreditation in 2016, the University was rated as 'A' category University in the Country. He also said that initial attempts of starting courses like Digital Society, Big Data Analytics, Indic studies and Climate are some of the orbit-injecting objectives that we could achieve in this year"*.

The Vice Chancellor further mentioned that making the campus energy-efficient by harvesting solar energy is yet another initiative that is in our agenda. We plan to start unique engineering programmes: B.Tech (Computer Science and Engineering) and B.Tech (Electronics and Communication). Our programmes on Yogic Science are based on our strength in Physical Sciences and Life Sciences. Our programme in Atmospheric Science envisages growing as a Centre of Excellence in Climate Science and Desert Science. Our attempt to introduce Philosophy and Sanskrit will eventually lead to establishing a Centre of Indic Studies. The Central University of Rajasthan has shown remarkable progress till now and should continue to focus on the policy of expansion, excellence and equity.



**COE Leads the Convocation Procession**



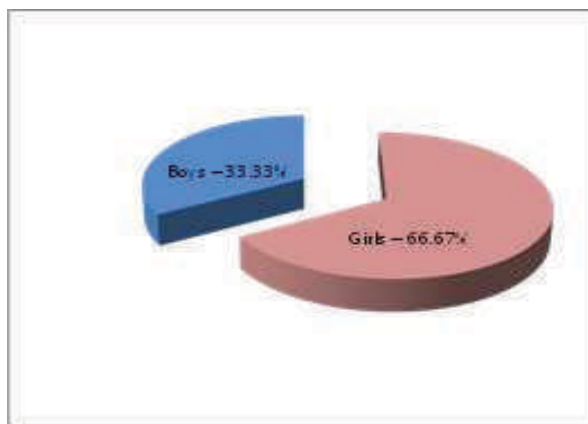
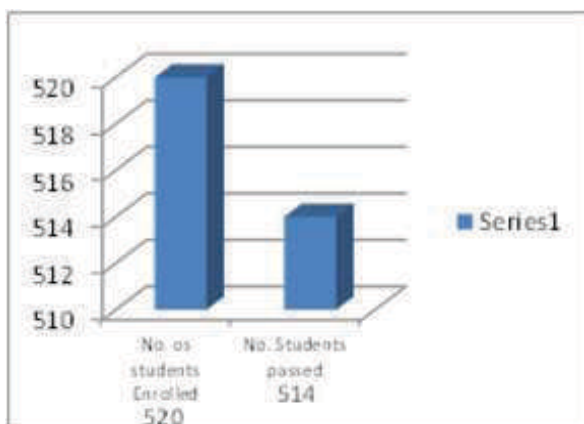
While presenting the report, the Vice Chancellor addressed the students stating “You must remain grounded in your work and should not forget the values instilled in you by your teachers. I am sure that all of you will achieve your best as far as the future endeavours are concerned. Today, we all have come together to observe an event of great significance. The occasion of such a nature holds importance in the life of students and teachers alike. It is the day when years of hard work and persistence is acknowledged”.



Chief Guest Presenting Gold Medal & Degree



Chief Guest Conferring Best Faculty Award



Boys and Girls Ratio

A total of 514 students (including 89 degrees of students who exercised their exit option from M.Sc. Integrated Programme) were conferred the degrees. The Chief Guest gave away gold medals and degree certificates to 33 top rankers of respective batches and 04 Students were given Armstrong Award for girl students for excellence in vocational education. Out of 33 gold medals, 22 were received by girls. The trend of girls' performance in securing top position continued for the past five years. In general, the performance of girl students, particularly in the Department of Biotechnology, Chemistry, Computer Science, Economics, Microbiology and Statistics has been phenomenal and highly encouraging.

## 70<sup>TH</sup> REPUBLIC DAY CELEBRATION

The 70<sup>th</sup> Republic Day was celebrated with the hoisting of the flag and cultural presentation including dance, drama, music etc. by the students of Central University of Rajasthan. Republic Day parade was held at 10:00 AM



which marked the presence of around 800 students, faculties and staff. Republic Day speech was delivered by the Hon'ble Vice Chancellor Prof. Arun K. Pujari.



## 72<sup>ND</sup> INDEPENDENCE DAY CELEBRATION

The 72<sup>nd</sup> Independence Day was celebrated at the Campus with real splendour and patriotic fervor. A cultural presentation followed the flag hoisting by the Hon'ble Vice Chancellor Prof. Arun K. Pujari. Independence Day Parade was held at 10:00 AM in front of the administrative building of the University in the presence of around 800 students, faculties and staff. The celebration ended with remembering the sacrifices of the heroes of freedom struggle in India.

## CULTURAL EVENT

The cultural committee of Central University of Rajasthan continuously worked to promote creative expression among the students through various cultural activities organized throughout the year. The Cultural committee designed a cultural calendar for the students to take part in various activities organized under the clubs. Within Cultural Committee there are five clubs, like Literary Club (Abhivyakti), Drama Club (Abhinaya), Dance Club (Nrityada), Music Club (Sargam), Art Club (Kala-Kriti). Each club function under a faculty coordinator and each club has its own student coordinators to facilitate and organize the activities of the club. Each of these clubs organized their annual events where the students took active part and added colours, vibration and enjoyment in campus life. The activities of different clubs are given in detail.





**The Dance Club (Nrityada)** organized its annual dance competition on 10th and 11th October 2018, in the university auditorium. There were solo, duet and group performances, where large number of students participated and after a screening the selected participants of each group performed on 12th October. In each of the event the first position holders were awarded certificate of appreciation. The faculty coordinator of the club was Dr. Pranta Pratik Patnaik, and the student coordinator was Mr. Himanshu Chaudhary.

**The Drama Club (Abhinaya)** organized the final completion on stage on 24<sup>th</sup> January 2019. There were three identified themes- “power and corruption, safety of women, and communal harmony” to stage through mono act, skit, mime and stage play. The students were most enthusiastic about bringing their performances and the evening was very vibrant and thought-provoking. The faculty coordinator of the club was Dr. Ved Prakash, and the student coordinator was Mr. Hansraj Arya.

**The Music Club (Sargam)** was able to put-up mesmerizing performances by the students of the university on the stage through its annual event on 14th February 2019. There were three events, namely, solo singing, duet singing and group singing. The winners were awarded certificate of appreciation. The faculty coordinator of the club was Dr. Mahendra Saha, and the student coordinators were Ms. Shivanshi Sharma and Mr. Rohit Rai.

**Art Club (Kala-Kriti)** has been most effective in bringing the artistic sense of the students through the poster, collage and graffiti. For poster competition the topics were; “environmental sustainability, preventing violence against women, anti-ragging”. For collage the topics were “student life in CURAJ, youth & sports, and folk culture”. For graffiti the topics were, “youth for peace and unity in diversity”. All the artworks were displayed on 27<sup>th</sup> February 2019, in the university auditorium. In all the groups the top position holders were given certificate of appreciation. The faculty coordinators of the club were Dr. Jony Saha, and Dr. Anurag Sunda. The student coordinators were Mr. Sudipto Chakroborty and Anupriya Bera. The cultural committee organized a cultural evening in the orientation programme for the new students joined in the academic session 2018–19, on 1st August 2018. The evening was to bring the folk dances of Rajasthan, performed by the local artist from Pushkar. The programme was also to give glimpse of rich heritage of Rajasthan. Further, in the celebration of the 10th Foundation Day of the University, a splendid cultural evening was organised with the performance of Padmashree Ms. Gulabo Sapera and her troupe, on 1<sup>st</sup> March 2019. Ms. Gulabo Sapera born in a Sapera community became a celebrity dancer through her splendid performances of various forms of Rajasthan folk dances. In this evening she performed, Kesariya balam, Bhawai, Kalbeliya, Ghoomar, Banjara and Chari dance to present a bouquet of Rajasthani traditional dances. At the end of the programme, Ms. Gulabo Sapera was felicitated by the Vice Chancellor Prof. Arun K. Pujari.

**Matribhasha Diwas (International Mother Language Day):** As per the directives of MHRD, the cultural committee of the university organised Matribhasha Diwas (International Mother Language Day) on 21st February 2019. The International Mother Tongue day is observed to promote mother tongue and awareness of linguistic and cultural traditions throughout the world and to inspire solidarity based on understanding, tolerance and dialogue. The event is also important to highlight the diversity of language, culture and traditions, and at the same time be respectful and compassionate to each other for the progress of our Motherland ‘India’. The celebration was about joy and beauty of our own unique language. In this event the students from different linguistic background came and staged their unique performances. In this evening through songs, dances, poem recitation in total 13 different languages were presented. While the students from Kerala presented Kathakali, Mohiniyattam, the students from Assam presented Bihu, the student from Gujarat came with Dandia, and the students of Kashmir



presented traditional songs. Similarly, Rabindra sangeet of Bengal, Lavni of Maharashtra, Bhangra of Punjab and other traditional performances, created a perfect representation of Indian composite culture.

The cultural committee of the University on receipt of requests from the conference organizers of Rajasthan Science Congress (RSC)-2019 and International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT)-2019, staged very colorful performances by the students on 14<sup>th</sup> October 2018 and 8<sup>th</sup> March 2019. The programmes were organized to honor the distinguished international and national guests from different part of the globe. Both the programmes were highly appreciated that show-cased the talents of the students, in the mixture of dance, drama, and performances of songs.

### **SPIC MACAY (Society for Promotion of Indian Classical Music and Culture among Youths)**

**Programme:** The Central University of Rajasthan is continuously engaged in promotion of cultural activities among the students; hence the various cultural performances by Society for Promotion of Indian Classical Music and Culture among Youths (SPIC MACAY) are organized in the University regularly. Further MHRD through its official memorandum (F. No- 13-19/ 2019-TC) dated 4<sup>th</sup> April 2019, also asked the central universities to conduct the programmes of SPIC-MACAY. In the year 2018-19, four cultural performances by SPIC MACAY were organised in the university auditorium for the students, faculty members and staffs. Each of these performances was splendid in this own capacity.

A play titled **“Charan Das Chor”** by SPIC MACAY was staged on 23<sup>rd</sup> August 2018, in the university auditorium. The play is an adaptation of a classical Rajasthani folktale by Vijaydan Detha. Renowned Hindi-Urdu playwrighter Habib Tanvir gave a classical presentation of the play “Charan Das Chor”. Mr. Tanvir is known for pioneering the “Naya Theatre”, which revolutionised the Indian theatre. His plays are rooted in the affairs of the common man. The play “Charan Das Chor” thoughtfully brings out the internal dilemma of human existence.

**Kuchipudi dance** performance by Ms. Prateeksha Kashi was organised on 29<sup>th</sup> September, 2018 in the university auditorium. Kuchipudi is one of the eight major Indian classical dances. It originated in a village named Kuchipudi in the Indian state of Andhra Pradesh. The root of this dance is found in Sanskrit text and Natya Shastra. The Kuchipudi dance style is guided by certain sets of codes, rhythm and expressions. Tarangams are the inherent soul and spirit of Kuchipudi. The spiritual invocation in connection with nature made this dance as one of the finest forms of dances and popular worldwide.

A Group dance performance **“Purulia Chou”** was staged on 1<sup>st</sup> October 2018 in the university auditorium. Chau is a semi-classical Indian dance with martial, tribal and folk traditions, with origins in the eastern Indian states of Jharkhand, West Bengal, and Odisha. The dance is extremely colourful and the performers wear a huge mask as part of their performance. This folk dance is very unique because of its attire and mixture of martial arts, acrobatics in the performance.

A **Mohiniattam Dance** performance by Ms. Mandakini Trivedi was arranged on 16<sup>th</sup> April 2019, in the university auditorium. Mohiniattam is one of the eight major Indian classical dances. Ms. Mandakini Trivedi with a Master's in Fine Arts from Bombay University's Nalanda Nrityakala Mahavidyalaya was a professor in dance for almost 10 years at the University. She also conducts Dance Awareness programmes highlighting the aesthetic and spiritual aspects of Indian Dance traditions through Sabrang, an arts education organization that she runs in Mumbai. Meanwhile she continues to explore the deep connections between dance and scientific yogic techniques.



## FOUNDATION DAY

University Foundation Day was observed on 1<sup>st</sup> March, 2019. On this significant day, his Highness Maharaja Braj Raj Singh Ji of Kishangarh was invited as Chief Guest. He delivered an enriching lecture on 'Heritage of Kishangarh' for the august gathering. Hon'ble Vice Chancellor graciously welcomed him. The Certificate and medal distribution programme for the Sports Events, NSS Activities and various curricular and extra-curricular activities were delivered to the meritorious students by his hands. The Registrar K.V.S. Kameshwar Rao offered a vote of thanks.

## INTERNATIONAL WOMEN'S DAY

The Central University of Rajasthan organized a distinguished lecture to celebrate International Women's Day on Friday, 8 March 2019. On this occasion India's leading child rights activist Prof. Shantha Sinha, former Chairperson National Commission for Protection of Child Rights (NCPCR), Govt. of India, and Founder Secretary Trustee of Mamidipudi Venkatarangaiya Foundation (MVF or M V Foundation) was invited to deliver a talk on "Understanding Status of Women in the Context of Violence, Caste and Workforce Participation". A recipient of Padma Shri in 1998 and Ramon Magsasay Award in 2002, she delivered excellent speech explaining the challenges faced by women in the contemporary society and suggested effective measures to increase women's active participation in the workforce. The talk was attended by a large number of students, faculty and administrative staff and was applauded for its erudition and sensitive delineation of women's status in India.



## SPORTS ACTIVITIES

Approximately 2644 talented university student-athletes participated in various games & sports activities during the year; 2018-19. A brief sketch of sports activities organized by sports department (CURAJ) is given below:

S. No.	Category of Tournament	Events	Section	No. of Participation (Tentative)
1	West Zone/All India Inter-Univ.	5	M/W	60
2	Club/League tournaments	9	M/W	900
3	Intra University Sports Meet foundation Day	6	M/W	500

## WEST ZONE AND ALL INDIA INTERUNIVERSITY 2018-19

This year we have participated in the west zone and all India interuniversity competitions at various places organized by association of Indian universities (AIU) and our students performed very well. CURAJ teams participated in the events, the venue details and schedule of the events are as follows





Event	Zonal Championship	Organizing University	Date of Competition
<b>Handball MEN</b>			
West-zone Inter-University tournament		Solapur University, Solapur	18-21 Dec 2018
<b>VolleyBall WOMEN</b>			
West-zone Inter-University tournament		IIS University, Jaipur	12-15 Dec 2018
<b>Volleyball MEN</b>			
West Zone Inter-University tournament		Tatiya University, Ganganagar	18 -21 Dec 2018
<b>Cricket MEN</b>			
West-zone Inter-University tournament		Veer Narmad South Gujarat, Surat	16 -30 Dec 2018
<b>Yoga MEN</b>			
All India Inter-University		Madras University	2-6 Feb 2019



*CURAJ West Zone Inter-University Handball Team (Men)  
2018-19*



*CURAJ West Zone Inter-University Handball Team (Women)  
2018-19*



*CURAJ West Zone Inter-University Volleyball Team (Women)  
2018-19*



*CURAJ West Zone Inter-University Cricket Team (Women)  
2018-19*

## OTHER SPORTS ACTIVITIES

In 2018-19, many leagues or club tournaments were organized so far for students of CURAJ to identify and hone new talents in the university. Domestic events helped in finding talents for the formation of CURAJ sports squads.



Sports department initiated club sports league tournament. Ten clubs were formed and managed by students and owned by faculty members. The clubs constituted of players from different disciplines and schools who clashed in different events Club/league sports continue to see record participation across all sports, every year. CURAJ sports board organized club/league tournaments at the university on MID-TERM AND ANNUAL BASIS with the cardinal aim for promoting sporting spirit.



#### *Inter-University Tournaments*

S.No.	Event	Organizing Club	Date of Competition
1.	Inter University Cricket Match(Faculty)	Cricket Club	15 <sup>th</sup> Aug 2018
2.	CHL (CURAJ Handball League)	Handball	18 <sup>th</sup> Aug-22 <sup>nd</sup> Aug 2018
3.	CVL (CURAJ Volleyball League)	Volleyball	30 <sup>th</sup> Aug-2 Sept 2018
4.	CCL(CURAJ Cricket League)	Cricket	28 <sup>th</sup> Sep -6 <sup>th</sup> Oct,2018
5.	CBL (CURAJ Badminton League)	Badminton	10 <sup>th</sup> -13 <sup>th</sup> Oct, 2018
6.	CBL (CURAJ Basketball League)	Basketball	14 <sup>th</sup> -16 <sup>th</sup> Oct, 2018
7.	CFL(CURAJ Football League)	Football	24 <sup>th</sup> - 30 <sup>th</sup> Oct 2018
8.	CVL -2( CURAJ Volleyball League)	Volleyball	26 <sup>th</sup> -31 Jan 2019
9.	CKL(CURAJ Kabbadi League)	Kabbadi	7 <sup>th</sup> -12 Feb 2019





## NSS ACTIVITIES

### Swachhta Pakhwada 2018

**Cleanliness and Awareness Campaign:** NSS unit CURAJ visited Pushkar for cleanliness and its assessment with a team of 6 program officers and 51 volunteers.



### Cleaning Campaign and its Assessment in Temples

Our team visited Brahma temple, Golden temple and a few other temples of Pushkar. We not only have participated in cleaning but also assessed cleaning system of temples.



### Pushkar Sarovar

Our team visited Pushkar Sarovar and various Ghats and found that the pond was polluted. Tourists were taking bath though it was prohibited at that place. There were also leakages in tap water as shown in picture. Ghats were not managed and found in dirty condition, no proper dustbins are placed.

### Pushkar Market Cleaning and Assessment

We assessed Pushkar Market too. Due to Shrawan month; there was the rush of tourists. We noticed a very inspiring activity by an ice cream vendor Mr. Moti Singh, who was promoting Swachhata Abhiyan in his surroundings. He carries a dustbin along with on which the written phrase is “Swachh Bharat Swachh Ajmer”.



**Visit of Maharana Pratap Smarak:** Our team visited Maharana Pratap Smarak and assessed the cleaning system.



## VISIT JAWAHARLAL NEHRU HOSPITAL, AJMER



food suppliers. Almost all wards were pretty clean and well managed, but corridors and washrooms were found in pathetic situations. The most interesting ward we visited was Neuro ward where Dr. Batra was dealing with patients. On his request, hospital administration has decorated the ward with plants, temple and fountains to create refreshing environment for the patients for their fast recovery.

Our team of student volunteers and program officers visited the Jawaharlal Nehru Hospital Ajmer. With permission of the hospital management and their cooperation, we visited almost all wards including Surgical, Trauma, Neuro, ICUs, Dialysis, EMU etc. We also assessed cleaning system of all wards, washrooms, corridors, patient sittings and waiting rooms, and their



## ORPHANAGE VISIT



We also visited orphanage during Swachhta Pakhwara, to assess the cleanliness. We visited Jai Ambey Sewa Samiti old-age orphanage. Our team of volunteers interacted with orphanage people, beneficiaries and management. We assessed their respective rooms' and washrooms' cleaning and their kitchen too.

## CLEAN CAMPUS ACTIVITY

We organized the clean campus activities for classroom cleaning, ground cleaning, and mess cleaning.





**Cleaning the Ground:** A team of 20 NSS volunteers cleared the ground of 15<sup>th</sup> August during Swachhata Pakhwara.

**Cleaning Classroom:** Student volunteers cleaned their respective classrooms.

**Cleaning Mess by Boys:** Mega mess cleaning activity took place after dinner at 9:30 PM, 30 NSS volunteers participated and contributed in cleaning the mess.

**Cleaning Mess by Girl Students:** B4 girls' hostel mess cleaning took place after dinner at 9:30 PM and around 20 girls participated and contributed.

**Cleanest Hostel Room Contest:** We organized the competition of cleanest hostel room in which, all hostels including girls, and boys, participated. Hostel B4, b5, b7 and b6 were visited and evaluated based on room management, support to a green environment, wardrobes and books management, creativity and innovations, wall management etc.



## THALASSEMIA AWARENESS CAMP

NSS CURAJ organized the Thalassemia Awareness lecture on 11<sup>th</sup> January 2019 at 4:00 PM for all students of the CURAJ. The General Secretary, Thalassemia Welfare Society Ajmer Region delivered the lecture on the awareness. Shri Vijay Kumar Vice-President of the Society was also present during the event. Prof. A.K. Gupta, in charge Vice Chancellor, Prof. Someshwar Das, NSS Chair, Dr. Hemlata Manglani, NSS Convener and Program Officer Dr. Dhaneswar Prusty were present during the event.





## ORGANIZATION OF BLOOD DONATION CAMP

NSS CURAJ organized the blood donation camp on 5<sup>th</sup> February 2019 in coordination with Lions club Kishangarh. 168 volunteers donated blood including staff and students.



## NSS SPECIAL CAMP

Two days special camp on Campus cleanliness was organized on 27<sup>th</sup> and 28<sup>th</sup> February 2019. 50 volunteers participated in the camp and actively contributed to the cleaning of Shopping Plazas, hostel surroundings, sports grounds including tennis court, and football ground.



## REPRESENTATION OF NSS VOLUNTEERS AT NATIONAL LEVEL

NSS Volunteer Mr. Kumar Sourav was selected in Pre-RD Camp from Rajasthan State and represented Rajasthan and University in Republic Day Parade 2019 held in Delhi. Mr. Kumar Sourav (Department of Physics) was







honoured by Higher Education Minister Shree Bhanwar Singh Bhati in the category of the state award for NSS volunteer by the Department of College Education on June 14th 2019 for state representation and active participation in Republic Day Parade.

A team of NSS volunteers participated in Annual NSS Festival Conferencia de Youth- 2019 at BITS Pilani from 29th to 31st March 2019, and won the First Prize in the event Mukhaute (a street play on a burning societal issue) and received Rs. 5000/- in cash prize.

**Following NSS Volunteers were part of the team:**

1. Shubham Pandey (Commerce)
2. Vandana Kumari (Commerce)
3. Aruna Giri (Commerce)
4. Sachchi Guru (Commerce)
5. Vishnu (Commerce)
6. Subhadra (Commerce)
7. Vasundhara Sharma (Economics)
8. Akanksha Mallick (Economics)
9. Amresh (Economics)

**Prize Distribution and Felicitation of NSS Volunteers:** NSS Volunteers who represented the University at National Level were felicitated by Hon'ble Vice Chancellor and the Chief Guest Kishangarh Maharaja on the Foundation day ceremony of Central University of Rajasthan on 1<sup>st</sup> March 2019. NSS volunteers who participated in various activities throughout the year including Swachhta Pakhwada, Blood donation camp, special camp were also felicitated on the same day.

## INTERNATIONAL DAY OF YOGA CELEBRATION

5<sup>th</sup> International Day of Yoga was organized by Central University of Rajasthan (CURAJ), Bandarsindri, Ajmer in collaboration with Kendriya Vidyalaya at CURAJ campus on 21st June, 2019 in response to the letter (D.O. No. M-16011/08/2019YNDated: 7th March 2019) received from the Ministry of AYUSH, New Delhi, India. To publicize the event, action plan/programme schedule of the "Yoga day" has been posted on the University website well in advance of the event day.

CURAJ and Kendriya Vidyalaya at CURAJ jointly coordinated the event at the University campus. The purpose of this event was to educate and motivate the students, teaching and non-teaching staffs of the University about the physical, mental and spiritual benefits of Yoga practices in daily life. The Hon'ble Vice Chancellor Prof Arun K. Pujari had dignified the occasion with his thought on the benefit of the YOGA practice in daily life to the gatherings. Yoga experts Dr. Chobe Shivaji and Shri Mehboob Hussain had demonstrated "common yoga practices" on the occasion of the "5<sup>th</sup> International Day of Yoga" celebration.



Students and teaching and non-teaching staffs of CURAJ and Kendriya Vidyalaya took part in this “common yoga practices” which included Surya Namaskar, Kapaalabhatti, Pranayama, Dharana/Dhyana. All the participants actively participated in all the sessions. As a part of this celebration different activities including “Demonstration of Asanas” and “Aerobic Dance” by school students were conducted. Moreover, Yoga experts also highlighted the purpose and benefit of Yoga practices in daily life. Total two hundred participants attended the “International Day of Yoga” on 21st June, 2019. All the participants participated with great enthusiasm. The programme ended with concluding remarks by Kendriya Vidyalaya teacher.







## Extension Activities

### CUCET-2019

The Central Universities Common Entrance Test (CUCET) has been organised by Central University of Rajasthan since 2010. The Central University of Rajasthan is the Coordinating University of CUCET since 2013. There were 14 Central Universities and 01 Institute that participated in the CUCET 2019. The Vice Chancellor of the Central University of Rajasthan, Prof. Arun K. Pujari was the Chairman of the Steering Committee of CUCET 2019.

The first steering committee meeting of CUCET 2019 was conducted at AICTE HQ, New Delhi on 17<sup>th</sup> December 2018 and it was decided that the Central University of Rajasthan will be the Coordinating University of CUCET 2019. In the subsequent meetings of Nodal Officers of the participating Universities which was held on 30<sup>th</sup> January 2019, 5<sup>th</sup> March 2019 and 13<sup>th</sup> May 2019, the activity schedule of the CUCET 2019 was finalized. A workshop on “Joint Entrance Examinations as well as Joint Academic Programmes among Universities: Pros and Cons” was conducted at Swosti Chilika Resort, Odisha from 13-15 April 2019.

The online application for CUCET 2019 was accepted during 13<sup>th</sup> March 2019 to 20<sup>th</sup> April 2019 and the extended date of payment of the fee for registered candidates up to 22<sup>nd</sup> April 2019. 1, 21,858 candidates registered successfully for CUCET 2019 for multiple test papers with total 2, 24,994 registration. A dedicated CUCET 2019 help desk number (10:00 AM–6:00 PM): +91-8130753836, 01463-238728 and e-mail [enqcucet2019@curaj.ac.in](mailto:enqcucet2019@curaj.ac.in) was set up during the entrance examination process to address the candidate's query regarding application form filling, payment status and correction of incorrect data filled etc. were addressed via Telephone/ Email and resolved. The Admit Cards of all the registered candidates was uploaded on 10<sup>th</sup> May 2019. In CUCET-2019, total numbers of Question Papers were 116 (02 - UG & Integrated PG, 59 - Post Graduate and 55 - Research Programme). There were 132 test centres at 112 cities in CUCET-2019 including Leh and Kargil. A total of 1, 55,538 candidates appeared for different papers in CUCET-2019 examination. The CUCET 2019 examination was held successfully on 25<sup>th</sup> and 26<sup>th</sup> May 2019. The answer key was uploaded on CUCET portal on 27<sup>th</sup> May, 2019 and grievances were invited. The final answer key was released on 05<sup>th</sup> June, 2019 after considering grievances. The result of CUCET-2019 was declared on 21<sup>st</sup> June, 2019. Merit wise data of all PU's was prepared and shared with respective Nodal Officer's.

CURAJ had initiated the online counseling-cum-admission process in 2019. Course preferences in order of merit were successfully prepared and online counseling-cum-admission was completed successfully as per the activity schedule. Controller of Examination, Central University of Rajasthan served as the National Coordinator of CUCET-2019

### TEACHING LEARNING CENTRE (TLC)

The Teaching Learning Center was established in the year 2017-18 with a vision to support evidence-based teaching and provides 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 (PMMMNMTT). It is envisaged to help teachers to modernize their teaching style, to scaffold concepts and information in a way that students can meaningfully understand and to help the students to learn more deeply and retain what they have learned.



It is also meant to train teachers about new and effective methods of teaching. TLC is envisaged to promote on continuous basis, a discipline specific curricula, pedagogy, learning materials (including e-content) for the use of the teachers in colleges and postgraduate departments. So as to achieve these goals TLC has conducted various workshops. In total, we have pooled list of 296 Teachers in which 40 are school teachers. The following workshops were conducted successfully;

### **Three-day Training Program on Massive Open Online Course (MOOC) from 12<sup>th</sup> to 14<sup>th</sup> March 2018**

The training program was mostly for the senior academicians with limited participants' capacity across India. The three days training program was attended by 27 participants from more than 10 different institutions of India. The participants were from more than 6 different states of India with more than 14 disciplines including arts, humanities and sciences. In this course, participants were exposed to emerging issues of internet-based culture and digital age learning and the use of social media and digital tools for enhancing instructional delivery. Learners explored the use of emerging technologies and their integration into higher education. This course guided different participants in the process of designing online instructions for students of HEIs. Speakers from premier institutes such as IITs, NCERT, AICTE, INFLIBNET and CDAC were invited to deliver lectures. In this workshop, there were total 7 resource persons.

### **Four Weeks Induction Training Programme' for the Faculty Members of Higher Educational Institutions (HEIs) from 1<sup>st</sup> May-26<sup>th</sup> May 2018**

This induction programme was organized to implement the GoS recommendations for Mandatory Induction Training Program for newly recruited faculty in HEIs this induction program was organized. A total number of 33 participants of five different states with 13 different disciplines belonging to 8 different institutions across the country, participated in the induction program. The induction program witnessed 33 renowned speakers out of which 20 invited speakers were from outstations. The important topics of the induction program were University Governance, Administration, MOOCs, Pedagogic Techniques & Teaching and Learning Methods, Personal-Emotional Development and Counseling, ICT: Effective Use of Technology for Teaching, Learning and Evaluation etc.





## Workshop on UGC Quality Mandate in HEIs 9<sup>th</sup> & 10<sup>th</sup> September 2018

The workshop was intended to familiarize the recruiters, decision-making authorities, administrators and faculty members about various intricacies of the recent GoI guidelines for Higher Educational Institutes (HEIs). The emphasis of this workshop was to acquaint participants with the recent UGC Quality Mandate and other guidelines in improving the quality in HEIs. A total of 29 participants from 12 different states of 16 different disciplines belonging to 18 different institutions across country, participated in this workshop. The workshop witnessed 06 renowned speakers out of which 05 invited speakers were from outside CURAJ campus. The major topics covered in the conference were Learning Outcome-based Curriculum Framework (LOCF), Swachhata and Swachhha Campus, Academic Performance Indicator, Research Ethics, Plagiarism: Life-Saving Research Tool, Value of Education etc.

## Ten Days Workshop on Teaching-Learning & Evaluation for Faculty Members of HEIs from 15<sup>th</sup>–24<sup>th</sup> December 2018

In this modern age of the teaching-learning process, it is extremely significant that a teacher must be well equipped not only with the subject knowledge but should be well acquainted with the effective teaching techniques and evaluation methods.

The goal of effective teaching and learning technique is overall development of a learner as a good human being and citizen of this country. In this workshop, it was intended to familiarize the participants with emerging issues for internet-based culture and digital age learning. Learners explored the use of emerging technologies and their integration into higher education. Special emphasis was given to the student feedback analytics software along with hands-on training sessions. The focus was also on the importance of value education, designing of learning outcome-based curriculum etc. A total of 26 participants from 5 different states of 15 different disciplines belonging to 08 different institutions across the country, participated in this workshop. The workshop witnessed 18 renowned speakers out of which 13 invited speakers were from outside CURAJ campus.







### Three Day Training Workshop on Effective Teaching/ Learning Methods for Science Teachers of School from 7<sup>th</sup>-9<sup>th</sup> February 2019

The Training program was mostly for school teachers with limited participant's capacity across. This three days training program was attended by 40 participants from more than 20 different schools of Rajasthan. The participant was from more than 06 discipline including chemistry, physics, biology, zoology, Science etc. In this training program, participant was exposed to Hands-on Experiment in school teaching, ICT in Science education, learner-centric teaching in school, the importance of historical perspective in science etc. Speakers from premier institutes such as VGU, Jaipur, Mayo College, CURAJ, were invited to deliver lectures. In this workshop, there are total ten resource persons were invited for giving the lecture.

### Five Days' Workshop on "Enhancing of Teaching and Learning Skills in Statistics" from 12<sup>th</sup>-16<sup>th</sup> March 2019

This workshop was organized mostly for university teachers with limited participant's capacity across. The five days training program was attended by 33 participants of more than 30 different institutions of India. The participants were from various discipline including Statistics, Economics, Computer Science Commerce etc. In this training program, the participant was exposed to describe and develop the basic concepts using day to day real-life examples. To enhance the scope of Statistics as an Interdisciplinary, subject data analysis using statistical computing. To motivate the teachers for advance level reading and research etc., speakers from premier institutes such as ISI Kolkata, ISI Delhi, IIM-A, BHU, University of Hyderabad, SPPU Pune, Kolhapur, NMIMS and CURAJ, were invited to deliver lectures. In this workshop there are total 13 resource persons who were invited to give the lecture.



### Ten Days Refresher Course on Capacity Building Program for Teachers of Higher Educational Institutions (HEIs) from 9<sup>th</sup>-19<sup>th</sup> April 2019

This workshop was mostly for College teachers with limited participant's capacity across. The ten days workshop was attended by 25 participants of more than 07 different institutions of India. The participants were from more than 08 discipline including Biotechnology, Computer Science and Engineering, Economics, Mathematics, Education, Politics and International Studies, Zoology, Economics and Rural Development, LAW, History,





Commerce, Hospitality Etc. In this training program, participants were exposed to Online Education, Teaching Pedagogy Creation of Effective Audiovisual Educational Content, Design and Development of MOOCs etc. Speakers from premier institutes such as University of Hyderabad, CURAJ, were invited to deliver lectures. In this workshop there were total 17 resource persons invited to give the lecture.

### **Four Weeks Induction Training Program for Faculty Members of Higher Educational Institutions (HEIs) 27<sup>th</sup> May to 22<sup>nd</sup> June 2019**

The Training program was mostly for College teachers with limited participants' capacity. This four-week induction training program was attended by 8 participants from 5 different institutions and 7 different disciplines including Mathematics, Education, Home Science, Botany, Mechanical Engineering, Environmental Science and Humanities. In this training program, participants were exposed to Organizational Dynamics, Motivating Self and Students, Overview of Adult Learning Theory; Activity-based teaching strategy, University Ranking & Accreditation, Preparation for the University Ranking, University Ranking Dynamics etc. Speakers from Several institutes such as University of Hyderabad, Central University of Rajasthan, IIT, Delhi, RIE Ajmer, and NCERT Delhi were invited to deliver lectures. In this workshop, a total number of 32 resource persons were invited.

### **Five Days Workshop on Teaching-Learning-Evaluation for Faculty Members of HEIs from 5<sup>th</sup>-9<sup>th</sup> August 2019**

The workshop was mostly for college/university teachers with limited participants' capacity. In this workshop, there were 41 participants of more than 12 different institutions of India. The participants were of 22 disciplines including Biotechnology, Computer Science and Engineering, Economics, Mathematics, Education, Physics, Zoology, Commerce etc. In this workshop participants were exposed to SWAYAM, Plagiarism, LOCF, Relative and Absolute Grading, Overview of Adult Learning Theory etc. Speakers from Several institutes such as the University of Hyderabad, Central University of Rajasthan, IIT Madras, and Jamia Milia Islamia University were invited to deliver lectures. Ten resource persons were called for lecture in this workshop.

### **Five Days Workshop on Research Informed and Research-Oriented Teaching in Pharmaceutical Sciences from 20<sup>th</sup>-24<sup>th</sup> August 2019.**

The workshop was mainly for teachers of higher education. In this workshop, 34 participants from 16 different institutions participated. It was a discipline-specific workshop conducted for pharmacy teachers. In this workshop participants were exposed to research methodology, SWAYAM, Plagiarism, Learner and research-centric teaching in pharmacy, Online education, Pedagogy in pharmaceutical sciences, Plagiarism, Newer learning techniques in pharmacy, Design and development of MOOCs Course Social and ethical responsibilities of pharmacists etc. Speakers from several institutes such as the University of Hyderabad, Central University of Rajasthan, Dr. H.S.G. University and Panjab University were invited to deliver lectures. In this workshop there were 10 resource persons invited.

### **UNNAT BHARAT ABHIYAAN**

The Central University of Rajasthan has carried out the following activities in the adopted Gram Panchayats in consultation with the various stakeholders under the UBA. Adopted Gram Panchayats (05): Bandarsindri, Kheda, Mundoti, Nahoria and Pedibatta.



1. The village survey of the five adopted villages was completed. Based on the findings, the following issues in the community were listed out and communicated to the village authorities for appropriate remedies. Specific problems in the villages were identified and discussed with the gram pradhan, ward members and other key persons of the villages.
2. The Central University of Rajasthan with the support of students and faculty members conducted field visits in the selected villages and interacted with the community for understanding their health status, social networks, and livelihood options and prepared a plan of action for a long term in all the selected villages. These exercises were participatory and had the involvement of Gram Pradhans and ward members, and they assessed the need and role of the University in addressing those necessities.

### Plan of Action for Village Development under (UBA)

Sn.	Name of Village	Major Issues Identified in the Village	Action Plan
1	Bandarsindri	Water scarcity, Health issues	Free health check-up camps for the villagers, Sensitization activities for health promotion,
2	Kheda	Water scarcity, Health issues	Free health check-up camps for the villagers, Sensitization activities for health promotion
3	Mundoti	Water scarcity, Health issues	Free health check-up camps for the villagers, Sensitization activities for health promotion
4	Nahoria	Girls Education (drop out, early marriage etc) Water scarcity, electricity-related problems	Adolescent group formation, Career counselling to motivate students for acquiring adequate education
5	Pedibatta	Health issues (absence of PHC and any facilities) Water scarcity, electricity-related problems, waste management issues	Awareness camps for cleanliness, garbage disposal, governmental schemes and skill-based Short term courses in the GPs. Free health check-up camps for the villagers Development of SHG among females

Identified youth's interested in the development of the villages; meeting was conducted to initiate the development of youth groups, adolescent girls groups and women groups in all the villages under the UBA activities.





## COMMUNITY DEVELOPMENT CELL (CDC)

Community Development Cell of the Central University of Rajasthan has adopted five villages, *Pedibhata, Mundoti, Khera, Bandarsindri, and Nohriya*, as model villages in the vicinity of the University for Holistic Development of the villages. The university has assigned this responsibility to the Department of Social Work. Since its inception, the Community Development Cell is working for the alleviation of the prevailing social problems of the rural residents and the promotion of education and development through different interventional strategies. The cell under the Central University of Rajasthan aims to achieve the holistic development of the villages in its vicinity by focusing on areas like health and sanitation, women empowerment, promoting indigenous knowledge, youth development, and education as its focus area.

Keeping in mind the objectives of the cell, the following activities were carried out in these villages in the year 2018-19;

1. **Health and Sanitation Campaign:** The cell has conducted various activities related to health and sanitation in the villages. The rural residents were made aware of the importance and good practices of health, hygiene, and sanitation through the poster, videos, and door-to-door campaign.
2. **Youth and Child Development:** Various activities and sessions were conducted with the members of youth clubs and the children of the villages. Sessions on life skill education were conducted for the overall development of children and adults. Various sports activities were also carried out to build team spirit and develop the leadership skills among the youth
3. **Girls Empowerment:** The importance of education, specifically girl's education, was deliberate in the community. The sessions on health and hygiene practices (specifically menstrual hygiene) were carried out with the adolescent girls of the villages.
4. **A Ratri Choupal:** Ratri Choupal was conducted in the village Kheda to understand the problems of the people, and a discussion on the various issues was carried out.



*Ratri Choupal in Kheda Village*



*Group activity on Building Proactive Skills for girls Empowerment*

## 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/ subject experts of different fields to deliver a talk for a larger audience, under "Distinguished lecture series" (DLS) of the Central





University of Rajasthan for the benefit of students and faculty members. A larger purpose of this event is to inspire our students, scholars and faculties with new avenues of thinking, creating new ideas and benchmarking research in general.

The concept of DLS at CURaj was introduced by the present Vice Chancellor, Prof. Arun K. Pujari. Since then the distinguished lecture committee CURaj puts sincere effort in organising the distinguished talks on a monthly basis. The distinguished lectures have been grouped into different categories:

**A) Nobel Series Lecture:** In this, we invite speakers who have worked in close association with Nobel laureates. In the year 2018–2019, we invited two speakers under this series:

- **Professor Dipankar Nandi**, Indian Institute of Science, Bangalore, delivered a lecture on “The 2018 Noble prize in medicine on T cell costimulation and anti-tumor therapy” on Monday, 28<sup>th</sup> January 2019.
- **Professor Desirazu Narasimha Rao**, Indian Institute of Science Bangalore, delivered a lecture on “The 2018 Nobel Prize in Chemistry” on Friday, 1<sup>st</sup> March 2019.

**B) MEA (Ministry of External Affairs) Sponsored Talk:** In this, we host the talk of Indian Ambassadors to different countries. The visit of ambassadors to Central University is being sponsored by the Ministry of External Affairs. In the year 2018–2019, we invited one speaker under this series-

- **Dr. Jitendra Nath Misra**, Former Indians ambassador to Portugal and the Lao People’s Democratic Republic, delivered a lecture on “India’s Foreign Policy: A Practitioner’s Perspective” on Tuesday, 2nd April 2019.
- **Other Distinguished Talks:** In this, we invite speakers from different field including science, art, literature, music and dance. In the year 2018–2019, we invited one speaker under this series.



*Amb Dr. Jitendra Nath Mishra*



*Professor Desirazu Narsimha Rao*







## School of Architecture

### DEAN: AR. RITU B. RAI

The School of Architecture envisions to become a Centre of excellence and an important hub of knowledge exchange on all matters related to 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 arid desert region. The focus area for the school is waste, water, energy, and human productivity through the lens of sustainable architecture. The school envisions in developing unique capacity building programs for continuous education of teachers and professionals. Job oriented vocational education and skill development courses have been initiated in specialised fields.

#### Departments

- **Department of Architecture**
- **DDU Kaushal Kendra**

### Department of Architecture

#### Head: Ar. Ritu B. Rai

#### 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 architecture field like ecology and environmental management, historical and community perspective, sustainable neighbourhood 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 an 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 B Rai	Associate Professor	Urban Design, Architecture, Interior Design
Ar. Vivekanand Tiwari	Assistant Professor	Environmental Planning, Architecture, Water Management
Ar. Sunil Sharma	Assistant Professor	City Planning, Architecture



## Academic Activities

### Expert Lecture/ Seminar/ Visit

Name	Event	Date
<b>Mr. S. Jagannathan</b>	Design Head, Tata reality & Infrastructure Limited, Ramanujan IT City project <i>Lecture on Sustainable office buildings - Case study of Ramanujan city</i>	26/7/2018
<b>Dr. K.C. Sharma</b>	Professor and Head, Department of Environmental Science, CURaj <i>Series of guest lectures for covering partial syllabus of the subject - Ecology and Environment (SA-03)</i>	03/10/2018 09/10/2018 16/10/2018 13/11/2018
<b>Dr. Mansee Bal</b>	Entrepreneur, EDC Ahmedabad and Visiting Faculty, CEPT University, Ahmedabad <i>Guest lecture on Life Cycle and the Life of the Urban Lakes of India</i>	26/11/2018 27/11/2018
<b>Er. Vikas Kumawat</b>	Consultant, HVAC Systems, Jaipur <i>Guest lecture on building services and waste management followed by site visit</i>	10/04/2019 22/04/2019
<b>Er. B.M. Chandana</b>	Consultant, Fire Fighting Systems, Jaipur <i>Guest lecture on building services (fire)</i>	22/04/2019
<b>Er. Sudhir Mathur</b>	Consultant, MEP Services, Jaipur <i>Lecture on Plumbing and electrical services held at Jaipur</i>	16/04/2019 24/04/2019

### Conference/ Workshop/ Symposium Organized

- Mr. Lakhpat Singh conducted “EBSCO Host Workshop” on 12<sup>th</sup> October 2018.
- Ar. Aashu Dehdani conducted two days GRIHA workshop for M. Arch. 2nd semester students as a part of Design DSA-02 on 28<sup>th</sup> & 29<sup>th</sup> January 2019.
- Ar. Satyajeet Bhagat conducted a Seminar on “Sustainable Construction Material - Case study of Bangalore project” in August 2018.
- Dr. Sunil Ray conducted a Seminar on “Sustainable Development- a Myth” on 10<sup>th</sup> August 2018 in the auditorium CURaj.
- Ar. Somya Mishra conducted a Seminar Presentation on “Visual Semiotic Assessment of Street Façade - Case study of Heritage Precincts of Indian Cities” on 17<sup>th</sup> January 2019.
- Dr. Pragati Jain conducted a Seminar on “Water Harvesting Structures and methods: Impact of MJSA implementation” on 31<sup>st</sup> January 2019.



## Other Academic Activities

### *Design Studio: Review Feedback and Specialized Technical Inputs*

Following experts were invited for review feedback and specialized technical inputs for design studio at various stages.

Name	Designation	Date
Ar. Satyandra Bhagat	Practising Architect	04/10/2018
Prof. Manoj Mathur	Professor, Department of Architecture, SPA Delhi	01/11/2018
Prof. Ranjana Mittal	Professor, Department of Architecture, SPA Delhi	01/11/2018
U.K. Shrivastava	Chief Town Planner (Rtd.), Dept. of Town Planning, Government of Rajasthan	22/11/2018
Ar. Kalpna Pandit	Associate Professor, Department of Architecture, MNIT Jaipur	12/12/2018
Ar. Usha Kasana	Chief Architect (Rtd.), PWD, Government of Rajasthan	12/12/2018 08/05/2019
Ar. N. K. Khare	Chief Town Planner (Rtd.), Government of Rajasthan	26/03/2019
Ar. Pushpak Pandit	Urban Designer, Akalpan, Jaipur	15/04/2019
Ar. Gagan Sharma	Senior Architect, co-founder Promandi, Jaipur	17/05/2019

### Site Visits and Educational Tours

- A City Visit to Kishangarh was organized for M. Arch. 1st Semester students on 1<sup>st</sup> Aug 2018.
- Visit to Albert Hall Museum, City Palace, and Jawahar Kala Kendra, Jaipur organized for M. Arch. 1st semester students as a case-study Design (DSA-02) on 2<sup>nd</sup> & 3<sup>rd</sup> August 2018 led by Prof. Neeraj Gupta.
- Site visit to Nahargarh Heritage Water Harvesting System was organised on 1<sup>st</sup> September, 2019 for M. Arch. I and III semester students as a part of Design Case Study (DSA-02) led by Ar. Ritu B Rai and Ar. Sunil Sharma. A lecture was also conducted by Mr. Neeraj Joshi.
- Site visit to Dayalbagh, Agra organized for M. Arch. 1st and 3rd semester students as a part of Design Case Study (DSA-02) on 13<sup>th</sup>, 14<sup>th</sup>, & 15<sup>th</sup> September 2018 led by Ar. Ritu B. Rai.
- Site visit of Infosys Campus, Mahindra SEZ, Jaipur conducted for M. Arch. II semester students as a part of Design Case Study (DSA-02) on 23<sup>rd</sup> January 2019 led by Prof. Neeraj Gupta & Ar. Sunil Sharma.
- Site visit to Bhamashah Data Center Jaipur conducted for M. Arch. II semester students as a part of Design Case Study (DSA-02) on 13<sup>th</sup> February 2019 led by Ar. Ritu B. Rai.





## AWARDS

**Ms. Sojo James** (M. Arch student of batch 2016-18) received Gold Medal at the Convocation 2018 of Central University of Rajasthan.



*Study Visit to Nahargarh and Jaigarh, Jaipur*



*Student of M. Arch. Batch-2016 Receiving Gold Medal in Convocation'18 of Central University of Rajasthan*

## DEEN DAYAL UPADHYAYA KAUSHAL KENDRA

(Knowledge Acquisition and Up-gradation of Skilled Human Abilities and Livelihood)

### Director: Prof. Neeraj Gupta

In August 2015, the University received an 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, at present the DDUKK offers B. Voc. (Interior Design) programme. This is a three years (six semesters) programme with multiple entries and exit option. The modular structure of the programme allows a student to pass out with a set of skills and certificate. The certificates awarded by the university are:

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



## Faculty

Name	Designation	Area of Specialization
Prof. Neeraj Gupta	Professor	Architecture, Town Planning, Interior Design
Ar. Ritu B Rai	Associate Professor	Urban Design, Architecture, Interior Design
Ar. Vivekanand Tiwari	Assistant Professor	Environmental Planning, Architecture, Water Management
Ar. Yoganshu Girdhar	Assistant Professor	Architecture, Interior Designing
Ar. Somya Mishra	Assistant Professor	Computer Applications, Interior Designing
Ar. Nazia Kathat	Assistant Professor	Art, Interior Designing

## Academic Activities

### Visiting Faculty/ Resource Persons from Industry and Trade

Name	Event	Date
Ar. Satyedra Bhagat	Managing Director, Consortium Architects, Pune <i>Acoustics and False ceilings</i>	04/10/2018
Er. Lokesh Kaushik	Executive Engineer, CPWD <i>Building Material and Techniques</i>	15/11/2018
Ar. Pulkit Rana	Practicing Architect <i>Materials in Interior Design</i>	11/03/ 2018

## Workshops

Prof. S.K. Sarkar conducted a Clay Modelling Workshop for B. Voc. II Semester students as a part for Design (BID-09) from 28<sup>th</sup> to 30<sup>th</sup> January 2019.

### Other Academic Activities (Educational Tour)

Site visit to Sakhoon Fort in Dudu Tehsil at Jaipur District organized for B. Voc. II semester students as a part of Measured Drawing and Spaces & Building (BID-027) on 8<sup>th</sup> February 2019 led by Ar. Yoganshu Girdhar.

## Awards

- Mr. Monu Jangid, student of B. Voc. Batch 2015-18 (January) received Gold Medal in Convocation 2018 of Central University of Rajasthan.
- Ms. Anjali Mata, student of B. Voc. Batch 2015-18 (January) received 'Armstrong Award for Excellence in Vocational Education' in Convocation'18 of Central University of Rajasthan.
- Ms. Hema Khorwal, student of B. Voc. Batch 2015-18 (January) received 'Armstrong Award for Excellence in Vocational Education' in Convocation'18 of Central University of Rajasthan.
- Ms. Surbhi Maheshwari, student of B. Voc. Batch 2015-18 (July) received Gold Medal and 'Armstrong Award for Excellence in Vocational Education' in Convocation'18 of Central University of Rajasthan.
- Ms. Anamika Ajmera, student of B. Voc. Batch 2015-18 (July) received 'Armstrong Award for Excellence in Vocational Education' in Convocation'18 of Central University of Rajasthan.



# School of Chemical Sciences and Pharmacy

## DEAN: PROF. VIPIN KUMAR

The School of Chemical Sciences and Pharmacy hosts two departments viz. Department of Chemistry and Department of Pharmacy, where both the departments are supported by the Department of Science and Technology, under Fund for Improvement of Science and Technology Infrastructure (DST-FIST). The School aims to disseminate quality education in both the disciplines and execute research in the allied fields. The School bridges one pure science with the other applied science to promote interdisciplinary research and caters relevant courses to industry, for the benefit all the stake-holder of the School.

### Departments

- Department of Chemistry
- Department of Pharmacy

## Department of Chemistry

### Head: Prof. R.T. Pardasani

The Department of Chemistry is committed to research and teaching since its inception in 2010. The department started master's degree in science (Chemistry) 2-year programme in 2010 and immersed it 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 nine years of journey and emerged with drug designing, organometallic chemistry, bioorganic and bio-inorganic chemistry, materials 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 as Major (3-year)



## Faculty

Name	Designation	Area of Specialization
Prof. R. T. Pardasani	Professor	Organic, Heterocyclic and Computational Chemistry
Dr. Raghu Chitta (On Lien)	Associate Professor	Organic and Inorganic Materials for Solar Energy Storage, Sensors
Dr. Easwar Srinivasan	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 (Epigenetic Modulators)
Dr. Hemant Joshi	Assistant Professor	Synthetic Inorganic and Organic Chemistry (Molecular rotors and molecular machines), Organochalcogen Chemistry, Catalysis
Dr. Chandrakanta Dash	UGC FRP Assistant Professor	Metal Catalyzed Organic Transformations, Small Molecule Activation, Green Synthesis and Catalysis
Dr. Anurag Prakash Sunda	DST INSPIRE Faculty	Molecular Dynamics Simulations, Polymer Electrolytes, Ionic Liquids, and Interfaces
Dr. Ch. Gupta Chandaluri	DST INSPIRE Faculty	Functional molecular materials: fabrication, properties, and applications
Dr. Jony Saha	DST INSPIRE Faculty	Nanomaterials, mesoporous materials and catalyst applications

## Academic Activities

### Expert Lecture/ Seminar/ Visit

Name	Event	Date
Prof. S. Bhattacharya	Synthesis of Organometallic Complexes for Catalytic Application: Few Examples <i>Jadavpur University, Kolkata</i>	14/11/2018
Dr. Kumud Tripathy	New Science for Enhancing Plant Productivity, and to Secure Sustainable Energy Future and Environment <i>Department of Bio-nanotechnology, Gachon University, South Korea</i>	22/01/2019
Dr. Manmohan Kapoor	Allyl alcohols in C-H functionalization reactions <i>Department of Chemistry, IISER, Bhopal</i>	23/04/2019
Dr. Iti Gupta	Donor- Acceptor Systems Based on BODIPYs and Aza-BODIPYs <i>Department of Chemistry, IIT Gandhinagar</i>	27/06/2019





## Other Academic Activities

Department has celebrated Science Day on 28<sup>th</sup> February 2019.

## Extramural Funding Received

- Department of Science and Technology, Government of India sanctioned Rs. 70.5 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016-2021).
- Department have various ongoing extramural funded projects of Rs. 6.26 Crores from different agencies of Government of India such as DST, CSIR, UGC etc.

## Equipment's Procured/ Facility Available

- NMR 500 MHz (Bruker)
- Gas Chromatography (Thermo Fisher Scientific)
- GC-MS (Thermo Fisher Scientific)
- HPLC (Shimadzu)
- UV-VIS (Agilent- Cary 100) and
- FTIR spectrometer (PerkinElmer)
- Ocean optics UV-VIS Spectrophotometer
- Atomic Absorption Spect. (PerkinElmer)
- Element Analyser (Thermo Fisher Scientific)
- Fluorescence Spectrophotometer
- Electrochemical Workstation (Metrohm)
- Glove Box (Labconco Corporation)
- Polarimeter
- Computer Lab

## Awards/ Achievements

Dr. Anuj K. Sharma	:	SERB: International Travel Support (ITS) - Air-fare and Visa fees to attend International Conference of Coordination Chemistry (ICCC-2018) at Sendai, Japan.
Dr. Anurag Prakash Sunda	:	Best-Poster Award in Theoretical Chemistry Symposium (TCS-2019) held at BITS-Pilani in Feb. 2019.
Surbhi Jain (Ph.D. Scholar 2014 Batch)	:	SERB: International Travel Support (ITS) - Air-fare, Visa & Registration fees to attend International Conference of 7th EUCHEMS on Nitrogen Ligands held at Lisbon (Portugal) on 4-7 September 2018.
Tanveer A. Khan (Ph.D. Scholar 2014 Batch)	:	CSIR: International Travel Support (ITS) - Air-fare to attend International Conference of ACS Meet Spring 2019 Chemistry for New Frontiers (31 March to 4 April 2019) at Orlando Florida, USA.
Kartikey (M.Sc. 2017-19 Batch)	:	Qualified CSIR-JRF Examination 2019
Tanveer A. Khan (Ph.D. Scholar 2014 Batch)	:	Best Oral Presentation Award in National Conference on Innovation and Technology for Rural India (ITRI) by MRSI (Delhi) held at Agra on November 15-16, 2018.



*Invited Lecture by Prof. S. Bhattacharya*



## Department of Pharmacy

### Head: Prof. Vipin Kumar

The Department of Pharmacy was established in the year 2012 with one AICTE approved course of M. Pharm. in Pharmaceutical Chemistry with an aim to impart quality education in the relevant field and train the students for novel research protocols. The department is dedicated to excel in the pharmaceutical domain and establish 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. The department is now offering two post graduate courses, viz. M. Pharm. (Pharmaceutics) and M. Pharm. (Pharmaceutical Chemistry) along with Ph.D in Pharmacy.

### Programs Offered

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

### Faculty

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

### Academic Activities

#### Extramural Funding Received

The Department of Pharmacy is able to fetch research funding of more than 3 crores from various funding agencies like UGC, SERB, DST-Nanomission, DST-EMR, DST-FIST and DBT.

#### Awards/ Achievements

- AAiPS Distinguished Young Educator and Researcher Award 2019 to Dr. Umesh Gupta.
- “Chancellor’s Award for Best Faculty-2018” was awarded at Central University of Rajasthan on 02.11.2018 to Dr. Umesh Gupta.
- International Travel Award by Department of Science and Technology, New Delhi to attend 11th IDS, Funchal, Portugal, 14<sup>th</sup> to 18<sup>th</sup> July, 2019 to Dr. Umesh Gupta.



- 2018 Publons Best Peer Review Award to Dr Kaisar Raza.
- DST-SERB international travel grant awarded to Mr. Shubham Srivastava, Ph.D. scholar (not availed).
- Funding for 3<sup>rd</sup> IBRO/APRC Chandigarh Neuroscience School, 25<sup>th</sup> November, 2018 to 2<sup>nd</sup> December, 2018 organized by University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh, India.
- CSIR Travel Award for Presenting poster to Mr. Virendra Nath in 257<sup>th</sup> ACS National Meeting (31 March 2019 to 4 April 2019) at Orlando, FL, USA.
- ICMR Travel grant, Registration fee & visa reimbursement for Oral presentation to Mr. Virendra Nath in 3<sup>rd</sup> Global summit on Diabetes and Endocrinology (30-31 May, 2019), Nice, France.
- CSIR-SRF 2018 awarded to Mr. Virendra Nath and Ms. Sukanya, Ph.D. scholars.
- ICMR-SRF 2018 awarded to Ms. Sukanya (not availed) and Mr. Shubham Parashar, Ph.D. scholars.
- IBRO (Asia Pacific Regional Committee) Award to Mr. Avinash Gothwal, Ph.D. scholar, to attend “School of Neuroscience advances in Molecular Neurobiology Research” scheduled from March, 3<sup>rd</sup> to 9<sup>th</sup> 2019 at IGNTU, Amarkantak.
- Commonwealth Split-site Fellowship, United Kingdom-2018 to Mr. Iliyas Khan, Ph.D. Scholar.
- International Travel Award, SERB, New Delhi to attend 2018 Controlled Release Society Annual Meeting from July 22-24, 2018 to Mr. Lokesh Kaushik, Ph.D. scholar.
- Best Poster Award to Ms. Thotakura Nagarani, Ph.D. scholar at National Science Day celebrations, on 28<sup>th</sup> February 2019 at the Central University of Rajasthan.
- First prize in Quiz Competition to Ms. Nishtha Chaurawal, M. Pharm. student at National Science Day celebrations, on 28<sup>th</sup> February 2019 at the Central University of Rajasthan.
- Third prize in Quiz Competition to Mr. Mursalim Ali Khan, M. Pharm. student at National Science Day celebrations, on 28<sup>th</sup> February 2019 at the Central University of Rajasthan.

### Extracurricular Activities

- Various eminent personalities like Prof. Dietmar Appelhans, IPF, Dresden Germany, Prof Susanta Banerjee, IIT Kharagpur, Prof. Sanju Nanda, MDU, Rohtak and Dr. Sanyog Jain, NIPER, Mohali delivered talks in the department and interacted with students/scholars.
- The Department of Pharmacy conducted the Pharmaceutical Section of the 6<sup>th</sup> Rajasthan Science Congress, organized at the Central University of Rajasthan from October 13-15, 2018.
- Ms. Tanjina Yasmin, Ms. Divya Shashtri, Mr. Trambak Basak and Ms. Akanksha Pandit actively participated in various cultural events at the University level.





*Interaction with Eminent Pharmaceutical Scientists  
Prof. Dietmar Appelhans and Prof. Susanta Banerjee*



*Felicitation of a Renowned Female Pharmaceutical  
Scientist and Cosmetologist Prof. Sanju Nanda*



## School of Commerce and Management

### DEAN: PROF. PRAVEEN SAHU

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 background, strong research orientation and complementary skill-sets have been handpicked as Faculty members of the School. With high potential for growth, the School is prepared to establish itself as a centre 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 corporate world is dynamic and the changes are so severe that a series of new concepts and techniques are developing, making the earlier and traditional ones as obsolete. This situation has given rise to the need for restructuring the curricula of commerce education at all levels so as to make it meaningful and compatible with the changing business scenario and introduce concepts and techniques in the commerce Faculty to further channelize and streamline their contribution. The Department of Commerce is committed to impart quality knowledge as per global standards.

#### Programs Offered

- Ph.D in Commerce
- M. Com.

#### Faculty

Name	Designation	Area of Specialization
Prof. Praveen Sahu	Professor	Marketing, Human Resource Management, Organizational Behavior
Dr. Neha Seth	Assistant Professor	Finance and General Management
Dr. Ruchita Verma	Assistant Professor	Accounting, Finance and General Management
Dr. Sushila Kumari Soriya	Assistant Professor	Finance and General Management
Dr. Sanjay Kumar Patel	Assistant Professor	Accounting and Taxation

**AWARDS/ ACHIEVEMENTS****Students Placement for Job-2018-19**

S.N.	Name of the Student	Pay Level	Post	Name of Institution
1.	Kamlesh Chaudhary	6 <sup>th</sup>	Accountant	National Institute of Technology (NIT), Kurukshetra
2.	Shivani Srivastava	4.2 Lakh	Research Associate	Jasper Colin Research Pvt. Ltd. Noida

**Students Cleared NET-JRF- (2018-19)**

Sr. No.	Name of the Student	Batch	NET-JRF
1.	Pooja Yadav	2015-17	NET-JRF
2.	Sapna	2016-18	NET-JRF
3.	Kiran Meena	2016-18	NET-JRF
4.	Lata Paliwal	2016-18	NET-JRF
5.	Mohan Lal Jangid	2018	NET-JRF
6.	Ashok Kumar Meena	2016	NET
7.	Garima Khangarot	2018	NET
8.	Poonam Kumari	2018	NET
9.	Kamlesh Choudhary	2015-17	NET
10.	Komal Jangid	2016-18	NET
11.	Satyender Yadav	2016-18	NET
12.	Preeti Kumari	2018	NET
13.	Vipra Jain	2017-19	NET
14.	Rekha	2017-19	NET
15.	Shubham Pandey	2018-20	NET
16.	Aruna Giri	2018-20	NET
17.	Vishnu Vaishnav	2018-20	NET

**Students selected for Higher Studies- 2018-19**

S. N.	Name of the Student	Batch	Higher Studies	Name of Institution
1.	Neha Prakash	2014-16	Ph.D.	C. U. Himachal Pradesh
2.	Kalpana	2014-16	Ph.D.	MLS University, Udaipur
3.	Narendra	2015-17	Ph.D.	MLS University, Udaipur
4.	Kiran Meena	2016-18	Ph.D.	MLS University, Udaipur
5.	Sapna	2016-18	Ph.D.	MLS University, Udaipur
6.	Rahul Kajla	2016-18	Ph.D.	MLS University, Udaipur
7.	Satyendra	2016-18	Ph.D.	MLS University, Udaipur



- Ms. Garima Khngarot won the Best Research Paper Award at International Conference organized by the Department of Commerce and Management, Bhagwant University, Ajmer (19-20 April, 2019).
- Subhadra Rajpurohit, Shubham Pandey, Aruna Giri, Vandana Kumari, Vishnu Vaishnav, Sachchi Guru participated in the “*Conferencia De Youth*” and were awarded with First Prize. A sum of Rs 5,000 and vouchers worth Rs. 5000 given to each participant during the conference “*Conferencia De Youth*” at BITS Pilani in the event named: “MUKHAUTE–A STREET PLAY”
- Preeti Kumari secured the Second position in poster competition organized on “Drug Abuse Awareness and Prevention”

### Extra-curricular Activities

- Pooja Yadav participated in National Accounting Talent Search 2018–19 organized by Indian Accounting Association held on 3 February, 2019.
- M. Com. II & IV semester’s students attended a workshop organized by *Reserve Bank of India* on *Micro Small and Medium Industries (MSME)* at Kishangarh on March 4, 2019.
- M. Com. II & IV semester students attended 2 day workshop on “Basic Training workshop on Rights of Women” organized by Dept. of Social Work, CURAJ on February 25 & 26, 2019.
- M. Com. II & IV semester students attended 1-day workshop on “Drug abuse Awareness and Preventions” organized by CURAJ in collaboration with National Institute of Social Defense, New Delhi on March 28, 2019.
- Preeti Kumari got the First position in Intra-University Handball competition (2018–19).



(Degree Distribution to Commerce Students at 5<sup>th</sup> Convocation Ceremony held on 2 Nov, 2018)



(*Conferencia D Youth 2019 ‘Conference for A Couse’* at BITS Pilani, Rajasthan on 29-31 March, 2019)





## Department of Management

### Head: Prof. Maithili R.P. Singh

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, culture and language. The Faculty of the Department imparts high-quality management education through rigorous academic inputs, regular management activities and seminar of national repute. The strong research orientation of the Faculty is reflected through sponsored research projects and doctoral research through regular Ph.D. programme.

### Programs Offered

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

### Faculty

Name	Designation	Area of Specialization
Prof. Maithili R.P. Singh	Professor & Head	Marketing
Dr. Sanjay Kumar	Assistant Professor	Finance
Dr. Avantika Singh	Assistant Professor	H.R.M.
Dr. Tulsee Giri Goswami	Assistant Professor	H.R.M.

## ACADEMIC ACTIVITIES

### Extramural Funding Received

- Department has two ongoing extramural funded-project of INR 10,00, 000/- and INR 7,00,000 funded by ICSSR-IMPRESS

### Equipment Procured/ Facility

- Laptops and Printers

### Students Activities and Achievements

- Aakash Sharma (2018MBA001): 2<sup>nd</sup> Position in story making and Photography conducted by CMS Department CURAJ



*(Faculty and Students of Department of Management)*



*(Members of the School Board of Department of Management)*



## School of Earth Sciences

### DEAN: DR. L.K. SHARMA

The School of Earth Sciences is committed to provide interdisciplinary knowledge in the field of environmental sciences and atmospheric science and to link it 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. In order 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: Prof. Someshwar Das

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. The department is developing collaborations at national and international levels.

#### Programs Offered

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

#### Faculty

Name	Designation	Area of Specialization
Prof. Someshwar Das	Professor	Atmospheric Modelling; Cumulus Convection; Cloud Microphysics
Dr. Devesh Sharma (From June, 2019)	Associate Professor	Hydrological Modelling, Climate Change and Water resource
Dr. Subrat Kumar Panda	Assistant Professor	Regional Climate Change Modelling, Indian Monsoon Studies
Dr. Chinmay Mallik	Assistant Professor	Atmospheric Chemistry; Atmospheric oxidation and self-cleansing mechanisms; Air Pollution; Atmospheric Trace gases



## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
<b>Prof. S.K. Dash</b>	Centre for Atmospheric Sciences, IIT-Delhi <i>Physical Meteorology</i>	9-14 Nov., 2018
<b>Prof. P.V.S. Raju</b>	Centre for Ocean-Atmospheric Science & Technology (COAST), Amity University Rajasthan <i>Introduction to fundamentals of Land, Atmosphere and Ocean</i>	16-17 Nov., 2018
<b>Prof. A.P. Dimri</b>	School of Environmental Sciences, JNU, Delhi <i>Extremes over the Himalayas</i>	24-25 Dec., 2018
<b>Dr. P. Mukhopadhyay</b>	Scientist, Indian Institute of Tropical Meteorology, Pune, India <i>Global High Resolution Ensemble Prediction System for extreme weather guidance upto 10 days at 12.5 km resolution based on GEFS</i>	24-25 Dec., 2018
<b>Dr. F. Murata</b>	Kochi University, Japan <i>Characteristics of Orographic Rain-Drop Size Distribution at Cherrapunji, Northeast India based of Principal Component Analysis</i>	24-25 Dec., 2018
<b>Prof. S.S.V.S. Ramakrishna</b>	Department of Meteorology, Andhra University, Waltair, India <i>Numerical Simulation of Tropical Cyclones - Recent Research</i>	24-26 Dec., 2018
<b>Dr. Fatima Akter</b>	Dhaka University, Bangladesh <i>Simulation of Severe Local Convective Storms formed in Bangladesh and its Adjoining Areas in the Pre-monsoon Season of 2018 using WRF models</i>	24 Dec., 2018
<b>Dr. Ashish Routray</b>	Scientist-E, National Centre for medium Range Weather Forecasting, NOIDA-Delhi <i>Simulation of Heavy Rainfall Events Associated with Extreme Weather Systems using High Resolution NCUM Regional Model: Impact of 4DVAR Data Assimilation.</i>	24-25 Dec., 2018
<b>Dr. Dibas Shrestha</b>	Tribhuvan University, Kathmandu, Nepal <i>Simulation of an Extreme Rainfall Event over Central Nepal: A Case Study of August 11-12, 2017 Event</i>	24 Dec., 2018
<b>Prof. Nasreen Akter</b>	Bangladesh University of Engineering and Technology <i>Mesovortex formation for dryline-related cyclogenesis over the Bay of Bengal during premonsoon</i>	24 Dec., 2018





<b>Dr. Abhijit Sarkar</b>	Scientist-E, National Centre for medium Range Weather Forecasting, NOIDA-Delhi <i>Probabilistic Forecasting of Extreme Weather Events using NCMRWF's Regional Ensemble Prediction System</i>	25-26 Dec., 2018
<b>Mr. Anand Sharma</b>	Scientist, India Meteorological Department, New Delhi <i>Early Warning of Kedarnath Disaster - 2013</i>	24-26 Dec., 2018
<b>Prof. Ajay Gairola</b>	Centre for Excellence in Disaster Management, IIT Roorkee <i>Fire - Atmosphere Interaction-An Overview</i>	25-26 Dec., 2018
<b>Mr. Shubham Agarwal,</b>	Department of Civil Engineering, IIT-Mandi <i>Low-Cost Landslide Monitoring and Warning System for Sensing Landslides and Weather</i>	24-26 Dec., 2018
<b>Prof. H. J. Syiemlieh</b>	Department of Geography, Northeastern Hill University (NEHU), Meghalaya <i>Preliminary analysis of rainfall in the rainiest belt of Meghalaya Plateau</i>	25-26 Dec., 2018
<b>Dr. R. Mahanta,</b>	Department of Physics, Cotton University, Assam <i>Climatology of Local Severe Convective Storms (LSCS) in Assam, India</i>	24-26 Dec., 2018
<b>Ms. Jayshree Hazarika,</b>	Department of Civil Engineering, Assam Engineering College, India <i>Utilization of Fuzzy Clustering Technique to Identify Homogeneous Climatic Regions for Climate Change Impact Study</i>	24-26 Dec., 2018
<b>Prof. Hirohiko Ishikawa</b>	DPRI-KU, Japan <i>Contemporary storm detection and the data assimilation to NWP</i>	25 Dec., 2018
<b>Prof. T. Hayashi</b>	Kyoto University, Japan <i>Historical Transition of Wind Related Damages in Japan and South Asian Countries</i>	25 Dec., 2018
<b>Prof. D.A. Quadir</b>	NPI University of Bangladesh, Dhaka, Bangladesh <i>Investigation of Meteorological Conditions Favourable for Formation of Thunderstorms over Bangladesh</i>	25 Dec., 2018
<b>Prof. Toru Terao</b>	ICEDS, Japan <i>A Focus of Post MAHASRI GEWEX Hydroclimatological Project Climate Projection and Subseasonal to Seasonal Prediction of Extreme Severe Storms</i>	26 Dec., 2018
<b>Dr. A. Fukushima</b>	Kobe Gakuin University, Japan <i>Heavy rainfall characteristics and related synoptic conditions in Assam, India</i>	26 Dec., 2018



<b>Dr. Satheesh C. Shenoi</b>	Director INCOIS, Hyderabad, <i>Indian Ocean and Climate Change</i>	11 February 2019
<b>Prof. U.C. Mohanty</b>	School of Earth Ocean and Climate Sciences, IIT, Bhubaneswar <i>Fundamentals of Atmospheric Modeling &amp; Numerical Weather Forecasting</i>	11 February 2019
<b>Dr. D. Pradhan (IMD)</b>	Scientist-G, India Meteorological Department, New Delhi <i>Meteorological Instrumentation for Thunderstorms</i>	12 February 2019
<b>Prof. D.V. Bhaskar Rao</b>	Department of Meteorology, Andhra University, Waltair, India <i>Physics of Clouds</i>	12-13 February 2019
<b>Dr. Dilip Ganguly</b>	Centre for Atmospheric Sciences, IIT-Delhi <i>Physical Processes; Parameterize or not to parameterize?</i>	13 February 2019
<b>Dr. Suman Goyal</b>	Scientist, India Meteorological Department, New Delhi <i>Nowcasting of Storms based on Satellite observations/ RAPID</i>	13 February 2019
<b>Dr. V.S. Prasad</b>	Scientist-G, National Centre for medium Range Weather Forecasting, NOIDA-Delhi <i>Assimilation of Satellite Data: Theoretical</i>	14 February 2019
<b>Dr. Prashant Kumar</b>	Scientist, Space Application Centre, Ahmedabad <i>Application of satellite data in detection of storms</i>	14 February 2019
<b>Prof. A. Chandrasekar</b>	Indian Institute of Space Science & Technology (IIST), ISRO, Trivandrum <i>Numerical Models of Thunderstorms; Part-1: Governing Equations</i>	15 February 2019
<b>Dr. Rajendra Jenamani</b>	Scientist, India Meteorological Department, New Delhi <i>Monitoring &amp; Early Warning of Cloudbursts</i>	15 February 2019
<b>Dr. S.D. Pawar</b>	Scientist, Indian Institute of Tropical Meteorology, Pune <i>Atmospheric Electricity and Electrification of Thunderstorm</i>	16 February 2019
<b>Dr. Gopalkrishnan</b>	Scientist, Indian Institute of Tropical Meteorology, Pune <i>Lightening Discharge &amp; Measurement</i>	16 February 2019
<b>Dr. A.N.V. Satyanarayan</b>	Centre for Ocean-River-Atmosphere-Land (CORAL), IIT-Kharagpur <i>Boundary Layer Parameterization &amp; its role on triggering the storms</i>	16 February 2019
<b>Dr. Thara Prabhakaran</b>	Scientist, Indian Institute of Tropical Meteorology, Pune <i>Cloud Microphysical Parameters observed in typical thunderstorms during CAIPEX</i>	18 February 2019



<b>Dr. Ananda Kumar Das</b>	Scientist, India Meteorological Department, New Delhi <i>Weather Research &amp; Forecasting (WRF) Model: Overview; Physics, Dynamics, Nesting &amp; Configuration</i>	18-20 February 2019
<b>AVM (Retd.) Prof. Ajit Tyagi</b>	Former DG, India Meteorological Department, and Koteswaram Professor, MoES, Delhi. <i>Special Lecture on Dust storm &amp; cloudburst</i>	19 February 2019
<b>Dr. Raghavendra Ashrit</b>	Scientist, National Centre for medium Range Weather Forecasting, NOIDA-Delhi <i>Introduction to Model Forecast Verification</i>	19 February 2019
<b>Dr. Sahidul Islam</b>	Centre for Development of Advance Computing (CDAC), Pune <i>Desert Storm/ Cloudburst forecasting based on CDAC system</i>	20 February 2019
<b>Prof. Sutapa Chaudhuri</b>	Centre for Atmospheric Sciences, University of Calcutta <i>The Nor'wester and Cloudburst</i>	21-26 February 2019
<b>Dr. Randhir Singh</b>	Scientist, Space Application Centre, Ahmedabad <i>Observation and Simulation of Dust-Storms over the Indian region</i>	21 February 2019

### Conference/ Workshop/ Symposium Organized

- Central University of Rajasthan, Indian Meteorological Society (IMS), and National Disaster Management Agency (NDMA) jointly organized a special session on “Extreme Weather Systems” in 6<sup>th</sup> Rajasthan Science Congress from 13-15<sup>th</sup> October, 2018.
- International Workshop on “Extreme Severe Storms and Disaster Management Strategies” was organized by Department of Atmospheric Science, CURAJ in collaboration with Disaster Prevention Research Institute (DPRI), Kyoto University, Japan from 24-26 Dec, 2018.
- SERB School on “Desert Storm and Cloudburst” was organized by Department of Atmospheric Science, CURAJ from 11-23 February, 2018.
- International Workshop on “Water-Energy Food Nexus Perspective: Path Making for Sustainable Development Goals (SDGs) to Country Actions in Asia” was organized by Department of Atmospheric Science in collaboration with the Institute for Global Environmental Strategies (IGES) and funded by Asia Pacific Network for Global Change Research (APN) 25-26 June, 2019.

### Other Academic Activity

- Department organized an educational tour to visit Indian Meteorological Department, Meteorological Centre, Jaipur on 11 April 2019.
- Celebrated World Meteorological Day with the theme “The Sun, the Earth and the Weather” on 8 April 2019.



## Extramural Funding Received

Department have various ongoing extramural funded projects of Rs. \_117\_Lakhs from UGC, Disaster Prevention Research Institute (DPRI), Kyoto University, Japan, Asia Pacific Network for Global Change Research (APN), Japan, Ministry of Water Resources.

## Equipment Procured/ Facilities

Two Lightning detectors have been received; (1) under the collaborative project with DPRI/ Kyoto University, Japan, and (2) through MoU with IITM, Pune

## Awards and Achievement

Dr. Subrat Kumar Panda was selected as the member of the Conference Scientific committee member in the Track 1: Atmospheric Sciences, Meteorology, Climatology, and Oceanography of the 2nd Springer Conference of the Arabian Journal of Geosciences 25-28 November 2019 in Sousse, Tunisia.



*Participants and Dignitaries of the SERB School on Numerical Modelling & Forecasting of Desert Storms and Cloudburst from 11 to 23 February 2019*



*Education tour to India Meteorological Center, Jaipur with the students of M.Sc. Atmospheric Science on 11 April 2019*





## Department of Environmental Science

### Head: Dr. Laxmi Kant Sharma

As an emerging economy, India is on the peak of infrastructural development and needs environmental experts, trained personnel for monitoring pollution and assessing the environmental impacts of developmental projects. Seeing the present scenario and futuristic needs, the department was established with 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.

### 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 Specialization
Dr. Laxmi Kant Sharma	Associate Professor	Environmental Remote Sensing
Dr. Devesh Kumar (Until May, 2019)	Assistant Professor	Hydrological Modelling, Climate Change impacts and Water Resources
Dr. Garima Kaushik	Assistant Professor	Bioremediation, Industrial waste water treatment, Biomedical waste management
Dr. Ritu Singh	Assistant Professor	Nanoparticle based Environmental Clean-up technologies
Dr. Alok Kumar	Assistant Professor	Biogeochemistry, Hydro-geochemistry

## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
<b>Dr. Bijon K. Mitra</b>	Institute for Global Environmental Strategies (IGES), Japan. <i>Title: Energy-Water Nexus Tool for Supporting Power Development Plans</i>	20/11/2018
<b>Dr. Tomohiro Okadera</b>	National Institute for Environmental Studies (NIES), Japan. <i>Title: Water-Energy Nexus and Application to South Asian Countries</i>	20/11/2018
<b>Dr. Rabin Malla</b>	Center of Research for Environment, Energy and Water (CREEW), Nepal. <i>Title: Water-Energy Nexus in Nepal</i>	20/11/2018
<b>Dr. Bharat Sharma</b>	International Water Management Institute, New Delhi. <i>Title: Water Resources Situation in the Ganga Basin</i>	20/11/2018



### **Conference/ Workshop/ Symposium Organized**

Dr. Devesh Sharma, Department of Environmental Science (Central University of Rajasthan) in collaboration with IGES, Japan and CREEW, Nepal (supported by APN for Global Change Research) organized one day workshop (20<sup>th</sup> November 2018) on “Harnessing of Climate-Water-Energy Nexus for Resource Security in the Ganga River Basin”.

### **Extramural Funding Received**

Department of Environmental Science received sum of Rs. 147.07 lakh through various funding agencies, viz. DST-FIST (Level-1 category, DST- Govt. of India), MoWR, SAC (ISRO) and DST-CONACYT/INT/Mexico.

### **Equipment/ Software Procured/ Facility**

- Work station (10)
- Laboratory furniture and books
- Projector screen with projector (1)
- Air conditioners (6)
- Softwares for ERDAS Imagine and Recognition

### **Awards/ Achievements**

- Mr. Prabhat Kumar, UGC-NET, 2018 Mr. Sandeep Kumar UGC-NET, 2018
- Mr. Shashi Ranjan, GATE, 2018

### **Extracurricular Activities**

Celebration of Wild Life Week from 2<sup>nd</sup> October to 11<sup>th</sup> October, 2018



*Participants of the Workshop “Harnessing of Climate-Water-Energy Nexus for Resource Security in the Ganga River Basin” on 20th November 2018*



*Invited Guests in the Workshop “Harnessing of Climate-Water-Energy Nexus for the Resources Security in the Ganga River Basin”*



## School of Education

### DEAN: DR. ANJALI SHARMA

The School of Education, Central University of Rajasthan was established in the year 2014. The School of Education is running two major dynamic departments with Innovative Education Program i.e. integrated three years M.Sc. B.Ed. Programme in collaboration with School of Mathematics, Chemical Sciences and Physical Sciences and Department of Economics and M.Sc. in Yoga

Therapy Programme and moving towards establishing Centre of excellence in Pedagogy, Curriculum, Research and Yoga. The vision of the School of Education is to prepare individuals who can bring change through teaching, leadership, research and services in their profession and communities. The mission of the School of Education is to develop professionally equipped and human teachers and quality practitioners in the field of Yoga.

#### Departments

- **Department of Education**
- **Department of Yoga**

### Department of Education

#### Head: Dr. Anjali Sharma

The Department of Education stated its journey in 2014 with an aim to produce prospective teachers with sound knowledge of content and pedagogy. The three years integrated M.Sc. B.Ed. programme is innovative programme with a clear focus on preparing teachers for Senior Secondary Schools/ Post Graduate Teachers (PGT's). The curriculum designed for the programme enables teacher trainees to understand professional identity of the teacher and its social status and inculcating professional values and ethics blended with the realistic field experiences.

#### Program(s) Offered

- Ph.D in Education
- Int. M.Sc. B. Ed. in the following subjects: students Intake:30
  1. Physics
  2. Chemistry
  3. Mathematics
  4. Economics





## Faculty

Name	Designation	Area of Specialization
Dr. Anjali Sharma	Associate Professor & Head	Educational Administration, Planning and Finance, Curriculum Development
Dr. Narendra Kumar	Assistant Professor	Research Methodology in Education , Measurement and Evaluation, Educational Planning and Policies, Educational Psychology, Guidance and Counseling, Pedagogical Analysis
Dr. Gobind Singh	Assistant Professor	Philosophical, Sociological and Psychological Foundations of Education, Guidance and Counselling & Pedagogy of Mathematics

## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Prof. Rajendra Pal	Professor, Central Institute of Teacher Education, National Council for Education Research and Training (NCERT), New Delhi <i>Action Research and preparing a proposal</i>	19/07/18

### Extramural Funding Received

Department has two ongoing extramural funded-project of Rs. 6.30 Lakhs, sanctioned by School of Education Gandhi Gram Rural Institute (Deemed to be University), Dindigul, Tamilnadu under Pandit Madan Mohan Malviya Nation Mission for Teachers and Teaching, MHRD

### Other Academic Activities (Educational Tour, Academic Celebration)

Department organized a three-week Pre-Orientation Internship Programme for the students from 9 July-2 August 2018



*Dr. R.B. Pareek Delivered a talk in Pre-orientation Internship Programme*



*Prof Rajendra Pal Visited the Department and Interacted with Students on the Topic Action Research*



## Department of Yoga

### Head: Dr. Anjali Sharma

The Department of Yoga offers Masters of Science in Yoga Therapy with the focus on imparting knowledge for the treatment of existing mental and physical health issues. Yoga therapy is a growing field and scientific evidence has begun to emphasize its efficacy in the prevention of illnesses and promotion of health along with treating non-communicable diseases. 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 philosophies.

### Programs Offered

- M.Sc. Yoga Therapy

### Faculty

Name	Designation	Area of Specialization
Dr. Chobe Shivaji (Contract basis)	Assistant Professor	Yoga Therapy and Ayurveda Consultation, Health counseling
Dr. Meenakshi (Contract basis)	Assistant Professor	Yoga Therapy and Ayurveda Consultation, Health counseling
Dr. Aradhana Vyas (Contract basis)	Assistant Professor	Sanskrit Grammar & Literature, Indian Philosophy, Interdisciplinary Study of Vedic & Modern Science

### Extramural Funding Received

- Department has an on-going extramural funded-project of around 11 Lakhs funded by Department of Science and Technology under Women Scientist Award title of project “Understanding the molecular basis of the effect of Yoga on overweight and obese: a randomized controlled study”

### Other Academic Activities (Educational Tour, Academic Celebration Such as Science Day)

- 5<sup>th</sup> International Day of Yoga organized by Department of Yoga, Central University of Rajasthan on 21.06.2019.
- Department of Yoga Conducts daily Morning Yoga Classes (6.30am to 7.30am) for all the resident of University.



## Students Achievements

- Dushyant Soni, student of batch 2017–18 clarified UGC NET in December 2018
  - Shubham Semwal student of batch 2018–19 clarified UGC NET in December 2018
  - Taruni Sarva, student of batch 2018–19 clarified UGC NET in December 2018
- Sardar Choudhary student of batch 2018–19 clarified UGC NET in December 2018



*5<sup>th</sup> International Yoga Day Celebration at Central University of Rajasthan on 21/06/2019*



## School of Engineering and Technology

### DEAN: PROF. MANISH DEV SHRIMALI

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 post-graduate and research programs 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, to produce engineering graduates of high calibre and moral values. The School aims at being a pioneer in the field of engineering education and research. The School currently has one department i.e. Computer Science and Engineering (CSE) and is expected to expand very soon to achieve its goal.

#### Department

- Department of Computer Science and Engineering

### Department of Computer Science and Engineering

#### Head: Prof. Manish Dev Shrimali

The Department of Computer Science and Engineering was established in the University in the year 2010 under school of Engineering and Technology. Currently, the department offers 2-years M. Tech. Program in CSE with specialization in Information Security and doctoral program. Department is striving hard to generate Information Security professionals to contribute towards 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 and is planning to expand by adding new programs in near future.

#### Programs Offered

- 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.
Ravi Saharan	Assistant Professor	Algorithms, Computer Graphics, Image processing, Theoretical computer science.
Dr. Muzzammil Hussain	Assistant Professor	Network Security, Wireless Sensor Networks, Computer Networks.





## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Prof. Venkateswara Kagita	Mahindra Ecole Centrale, Hyderabad <i>Interaction with students on new area of research in Computer Science</i>	15/05/2018

### Equipments Procured/ Facility

- IEEE Online
- ACM Digital Libraries

### Awards/ Achievements

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| • Usha Jain (Research Scholar)    | Maulana Azad Minority Scholarship |
| • Geeta Kumari (Research Scholar) | JRF 2018                          |
| • Ishu kumar                      | NET November, 2018                |
| • Rakesh kumar                    | NET December, 2018                |
| • Prantik Panja                   | GATE 2018                         |
| • Arpita Patidar                  | GATE 2018                         |
| • Karishma Yadav                  | GATE 2018                         |
| • Roli                            | GATE 2018                         |
| • Ruchi                           | GATE 2018                         |
| • Sayan Saha Roy                  | GATE 2018                         |



*M. Tech. Research Laboratory*



*Interaction with Expert in Dept. of CSE*



## School of Humanities and Languages

### DEAN: PROF. N. LAKSHMI AIYAR

The School is composed of dedicated and talented faculty whose mission is to cultivate awareness of Interdisciplinary understanding and sensitivity to the ideas and human values characterizing human discourse, thought, experience and achievement. Literature, Languages and philosophy turn the students into analytically sound, critical, discerning thinkers, who are aware of the cultural, political, and economic issues shaping our world. The School offers a technology-enhanced curriculum that encourages open-mindedness and informed consideration of the human tradition. Many beliefs, histories, and words of our collective cultural heritage strengthen the literature studies imparted for the transmission of knowledge.

#### Departments

- Department of English
- Department of Hindi

### Department of English

#### Head: Prof. Supriya Agarwal

Department of English was established in the academic session 2010-11. It aims to mentor the students both in and beyond the classrooms; it provides intensive training through pedagogical lectures, film screening, symposia, national and international workshops and conferences. The syllabus of the subject explores the connection between language, literature and culture, visual representation and multi-disciplinary studies. The program not only imparts essential knowledge but equips and trains the students for careers in varied avenues.

#### Programs Offered

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

#### Faculty

Name	Designation	Area of Specialization
Prof. Supriya Agarwal	Professor	Gender and Cultural Studies, World Literature
Dr. Sanjay Arora	Associate Professor	English Language Teaching, Applied Linguistics, CLT
Dr. Bhumika Sharma	Assistant Professor	Postcolonial Studies, African American Writings
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, African-American Literature & Caribbean Literature



## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Prof. Chandra Mohan	Guilt of Exclusiveness: Birth of the Fourth World	15/11/2018
Prof. Avadhesh Kumar	Engaging the Margin through Translation	15/11/2018
Prof. Raj Kumar	Understanding Marginalities	16/11/2018

### Conference/ Workshop/ Symposium Organized

- Film workshop, 30-31 August, 2018, Dr. Fatima Nizaruddin and Ms. Yasmin Schneider.
- International Conference on 'Moving Beyond the Margin: The Politics of Exclusion and Assimilation', 15-16 November, 2018.

### Awards/ Achievements of Students

Name of Students	Exam Qualified
Niharika Sharma	JRF
Rince Raju	JRF
Suman Rathore	NET
Shankar Lal Chowdhury	NET
Pummy Sharma	NET
Neeraj Gothwal	NET
Garima Bhaskar	NET
Merin	NET
Nirmal Joseph	NET
Ankit Sharma	JRF



## Extracurricular Activities

The Film Club organized screening of the films such as

S. No.	Film	Date
1	Mani Kaul's <i>Duvidha</i>	29/08/2018
2	Faiza Ahmad Khan's <i>Superman of Malegaon</i>	31/08/2018
3	Nagraj Manjule's <i>Fandry</i>	06/09/2018
4	Shirley Abraham and Amit Madheshiya's <i>Searching for Saraswati</i>	20/09/2018
5	Jafar Panahi's <i>Offside</i>	27/09/2018
6	Aditya Vikram Sengupta's <i>Asha JaoarMajhe (Labour of Love)</i>	04/09/2018
7	Kim Ki Duk's <i>3-Iron</i>	15/02/2019
8	Avinash Arun's <i>Killa</i>	22/02/2019
9	Haifaa Al Mansour's <i>Wadjda</i>	07/03/2019
10	Emad Burnat and Guy Davidi's <i>5 Broken Cameras</i>	28/03/2019



*International Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation*





## 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 modern & post- modern literature, media studies, women studies, folk literature, functional Hindi and its styles fulfilling the needs of the present trend. It is enriched with the efficient Faculty members from multiple states having sound research experience, handling special papers in comparative, Indian Novels, Indian poems, modern & post-modern literature, 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 institutes.

### Programs Offered

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

### Faculty

Name	Designation	Area of Specialization
Prof. N. Lakshmi Aiyar	Professor & Head	Comparative literature
Dr. Jitendra Kumar Singh (On Lien)	Assistant Professor	Hindi Criticism, Linguistics, Language Technology & NLP
Dr. Mamata Khandal	Assistant Professor	Comparative Studies, Modern & Post-Modern Poetry, Linguistics
Dr. Suresh Singh Rathore	Assistant Professor	Katha Sahitya, Lok Sahitya,
Dr. Sandeep Vishwanathrao Ranbhirker	Assistant Professor	Bhakti Literature, Hindi Poetry, Fiction, Women's writing
Dr. Amit Kumar Singh Kushawaha (Contract basis)	Assistant Professor	Hindi Criticism, Media & Film Discourse, Language Technology

## ACADEMIC ACTIVITIES

### Awards/ Achievements of Students

The following students of the department have qualified UGC NET/JRF in the year 2018–2019

Name of the Student	NET-JRF
Nemichand Kumhar	JRF
Sanju Rohalania	JRF
Naveen Kumar Joshi	JRF
Kavita Bochaliya	NET
Preeti Pareek	NET
Hemant Kumar	NET
Raghuveer Dan Charan	NET
Jagdish Prasad	NET
Sayari Jat	NET



## School of Life Sciences

### DEAN: PROF. PRADEEP VERMA

The School of Life Sciences has been established in 2012 with an emphasis on interdisciplinary teaching and research in modern biology. In addition to this, there are numbers of postdoctoral fellows working in the department. The School now has twenty-four teaching staffs and five supporting staffs. In the current academic session, 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. The new SLS building also have modern seminar halls, auditorium and smart classes.

The school of Life Sciences, Central University of Rajasthan organized an International Conference “International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT) - 2019 during March 8 -10, 2019. The subsequent keynote lecture sessions, technical lectures session, posters’ session were conducted over two and half days wherein ~ 70 researchers of various prestigious institutes and universities of the country have participated. A total of ~ 150 posters have been presented.

### Departments

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

### Department Biochemistry

#### Head: Prof. Chandi C. Mandal

The Department of Biochemistry aims to ignite young minds, from different backgrounds, understand the world of biochemical reactions through application-based learning. This learning would develop their reasoning power and train them for future career in research. It would also help them to qualify in national level competitive examination like CSIR-UGC NET, ICMR and GATE. More emphasis is given on understanding the subject rather than rote learning. 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. Chandi C. Mandal	Professor & Head	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. Vijay K. Prajapati	Assistant Professor	Infectious Biology and Drug Discovery
Dr. Kiran K. Tejavath	Assistant Professor	Nanoscience and Targeted Drug Delivery
Dr. Shiv Swaroop	Assistant Professor	Protein Engineering and stability, Vaccine design, Biophysics, Synthetic biology
Dr. Dhaneswar Prusty	UGC FRP Assistant Professor	Molecular parasitology and Drug discovery

## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Dr. Suphiya Khan	Department of Bio-Science and Biotechnology, Banasthali University Execution Factor: Innovative approaches for Career	28/01/2019
Prof. James A. Radosevich	School of Dental Medicine, University of Illinois, Chicago (UIC) So you want to write a Scientific Paper? thoughts from an Editor	11/03/2019

### Other Academic Activities (Educational Tour, Academic Celebrations)

Theme/Event Name	Organizer/ Coordinator if any	Date
Departmental Research Activity-2019	Department of Biochemistry	28/01/2019

### Extramural Funding Received

Dr. Vishvanath Tiwari received grant of Rs. 28.16 Lakhs from SERB-DST and Dr. Dhaneshwar Prusty received grant of Rs. 10 Lakhs from UGC.



## Equipments Procured/Facility

- Autoclave
- 37°C Incubator
- Nanodrop

## AWARDS/ ACHIEVEMENTS

### Faculty

Name of Faculty	Name of Award	Year	Agency/Institution Society
Dr. Vijay Kumar Prajapati	Chancellor's Award for Best Faculty	November, 2018	Central University of Rajasthan
Dr. Vijay Kumar Prajapati	AMI Young Scientist Award 2018	December, 2018	Association of Microbiology of India
Dr. Vijay Kumar Prajapati	Prof. Umakant Sinha Memorial Award 2019	January, 2019	Indian Science Congress Association
Dr. Vishvanath Tiwari	INSA Medal for Young Scientist-2018	December, 2018	Indian National Science Academy, New Delhi
Dr. Vishvanath Tiwari	Dr. Gauri Ganguly Memorial Award-2019	January, 2019	Indian Science Congress Association

### Research Scholar

Name of Scholars	Name of Award	Year	Agency/Institution Society
Rajan Kumar Pandey	Best oral presentation award	December, 2018	HIC-Vac scholarship to attend GCRF vaccinology course at Bangkok, Thailand
Rajan Kumar Pandey	IVVN scholarship to attend IVVN annual meeting held at Tower Hotel, London, UK.	January, 2019	IVVN
Rupal Ojha	ICGEB travel award to attend ICGEB Leishmania workshop 2018	October, 2018	ICGEB
Rupal Ojha	HIC-Vac scholarship to attend GCRF vaccinology course at Bangkok	December, 2018	GCRF





## Students

Name of Students	Course	Batch	Exam Qualified	Year
Himanshu Darji	Int. M.Sc.	2014-19	GATE NET-JRF	Feb 2019 June 2019
Debarghya Mitra	Int. M.Sc.	2014-19	GATE	Feb 2019
Abhishek Rao			GATE	Feb 2019
Pallavi Sharma	M.Sc.	2017-19	GATE	Feb 2019
Dhankesh Meena	M.Sc.	2017-19	NET-JRF	Dec 2018
Basumitra	Int. M.Sc.	2015-20	NET-JRF	June 2019
Priya Chauhan	M. Sc.	2018-20	NET-JRF	June 2019
Durgesh Meena	Int. M.Sc.	2015-20	NET-JRF	June 2019



*Departmental Research Activity-2018 Organized by Department of Biochemistry*



## Department of Biotechnology

### Head: Dr. Pankaj Goyal

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

### Programs Offered

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

### Faculty

Name	Designation	Area of Specialization
Prof. A.K. Gupta	Professor	Plant Molecular Biology and Functional Genomics
Dr. Pankaj Goyal	Associate Professor & Head	Molecular Medicine and Pregnancy Disorders
Dr. Jogeswar Panigrahi (On lien)	Associate Professor	Molecular Plant Breeding
Dr. Janmejey 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 Aggregation and Folding
Dr. S. T. Vaiphei	Assistant Professor	Biomarker discovery
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

### Extramural Funding Received

- Various extramural funded-projects of Rs. 276.88 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 (2018–19), Department has received extramural grants of Rs. 30.80 Lakhs.



## Equipments Procured/ Facility Available During 2018–2019

- Stereozoomic Microscope
- PCR
- Refrigerated Centrifuge
- Shaking Water bath
- Electrophoresis System
- Incubator Shaker
- Sonicator
- Autoclave
- Flow Cytometer
- Analytical Balance
- Cooling Incubator
- Deep Freezer
- Cold Cabinet
- Laminar Air Flow
- Liquid N<sub>2</sub> storage container, Nitrogen gas cylinder,
- UV-Vis Spectrophotometer
- Green House
- Rota Evaporator
- Fluorescent Microscope
- Multigas Incubator
- Biosafety Cabinet
- Centrifuges
- Lyophilizer
- Computer Workstations
- Trans Blot
- Thermo Shaker
- Nanodrop

## Awards/ Achievements

Dr. Suman Tapryal: Received “Best Oral Presentation Award” at International Conference on “Translational Research in Life Sciences” organized under the aegis of CRIKC in Association with Stanford University School of Medicine, USA” at Punjab University, Chandigarh, from 5-7 July 2018



*Animal Cell Culture Facility*



*Research Lab*



## Department of Microbiology

### Head: Prof. Pradeep Verma

The Department of Microbiology came into existence in July 2012 under the School of Life Sciences. Since the 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 microbiologist for academia/ research and Industries. qualitative research are also carried out at par with National and International University/ research organization to develop the microbial diversity consortia of community thriving in Rajasthan.

### Programs Offered

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

### Faculty

Name	Designation	Area of Specialization
Prof Pradeep Verma	Professor & Head	Fermentation and Bioprocess Technology, Biofuels
Prof. Pawan K. Dadheech	Professor	Microbial diversity and phylogenetics, Metagenomics, Cyanobacterial bioprospecting, Cyanotoxins
Dr. Arvind Pratap Singh	Assistant Professor	Functional genomics, host-pathogen interactions
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

### Extramural Funding Received

- Department of Science and Technology, Government of India sanctioned INR. 45 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016- 2021).
- Various extramural funded-projects of INR 366.2 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB.
- In the current year (2018–19), Department has received extramural grants of INR 202.0 Lakhs.





## Equipments Procured/Facility

### 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. Pawan K. Dadheech: Visiting scientist at Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Stechlin, Germany. (June, 2019).
- Dr. Akhil Agrawal received international travel grant from SERB, India to present his work at 7<sup>th</sup> International Symposium of Microbiology of Oil Fields Systems 2019, Halifax, Canada (June18-21, 2019)
- Mr. R. Sandeep selected for Senior Research Fellowship funded by CSIR for the period of three years.
- Mr. R. Sandeep was given Best Volunteer Award at ICMBDT-2019, Central University of Rajasthan, Rajasthan (8-10 March, 2019)
- Mr. R. Sandeep Won the Best Poster Presentation Award “Assessing wettability alteration potential of Galactomannan polymer for development of biochemical enhanced oil recovery (BcEOR) technology” at 3rd National Symposium on Shaping the Energy Future: Challenges & Opportunities (SEFCO)–(May 10-11, 2019), held at Indian Institute of Petroleum, Dehradun.



*Prize distribution at Annual Microbiology Fest-Microcosm-2019 held from 10-13 April 2019*



*Mr. R. Sandeep receiving the Best Poster Presentation Award from the hands of Dr. Rajendra Dobhal (Director, Uttarakhand State Council for Science and Technology), Dr. SSV Rama Kumar (Director, IOCL R&D) and Dr. Anjan Ray (Director, CSIR-IIP) at 3rd National Symposium on Shaping the Energy Future: Challenges & Opportunities (SEFCO)-(May 10-11, 2019), held at Indian Institute of Petroleum, Dehradun*



# 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 level. Various innovative programs have been initiated by the departments of this School that caters for local and global need.

### Departments

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

## Department of Computer Science

### Head: Prof. Jugal K. Prajapat

Central University of Rajasthan has initiated Department of Computer Science in the year 2010-11 with specialization in Artificial Intelligence. Subsequently, the department has started Int. M.Sc. (CS), M.Sc. (CS) in Big Data Analytics, M. Tech. (CS) in Cyber Physical Systems and Ph.D in Computer Science. The vision of the department is to create excellence in the field of emerging computer science and its applications. The driving mission for the department is to develop advances of 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.
- Integrated M.Sc. Computer Science, 5 Years
- M. Tech. (CS) Cyber Physical System, 2 Years



## Faculty

Name	Designation	Area of Specialization
Dr. Mamta Rani	Associate Professor	Fractal Graphics and Chaos
Dr. Nistha Kesswani	Assistant Professor	Wireless Networks
Dr. A. NagaRaju	Assistant Professor	Mobile and Wireless Sensor Networks, Resource Optimization in High Performance Distributed Computing, Internet of Things (IOT).
Mr. Gaurav Meena	Assistant Professor	DBMS, Information Security and Ad-hoc Networks
Mr. Ravi Raj	Assistant Professor	Algorithms, Image processing
Dr. Krishna Kumar Mohbey	Assistant Professor	Data Mining, Mobile E-Commerce

## Awards/ Achievements

- Amrish Rajput Technical Assistant at National Science Centre, New Delhi), UGC-NET
- Bharat Dadwaria M. Tech. from JNU, UGC-NET, and GATE(CS)
- Diksha Kumari GATE (CS)
- Monika Vishwakarma Ph.D. from Central University of Rajasthan, and UGC-NET
- Suparn Padma Patra Ph.D. from Central University of Rajasthan, GATE(CS)





## Department of Mathematics

### Head: Prof. Jugal K. Prajapat

The Department of Mathematics was established in the very first year of the establishment of the University in June 2009 under the School of Mathematics, Statistics and Computational Sciences with a 3yrs postgraduate programme, M.Sc. Tech. Mathematics. The Department aims to prepare higher mathematics teachers, researchers for pure and applied mathematics and to prepare trained manpower needed for research and development for 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 Programing and Machining System
Prof. Jugal K. Prajapat	Professor & Head	Complex Analysis, Geometric Function Theory, Planar Harmonic Mappings, Fractional Calculus
Dr. Anand Kumar	Assistant Professor	Fluid Dynamics, Magnetohydrodynamics, Boundary Layer Theory
Dr. Amit Chakraborty	Assistant Professor	Bio-Mathematics, Dynamical systems, environmental modeling and simulations
Dr. Vidyottama Jain	Assistant Professor	Fuzzy Optimization and Decision-Making Financial Mathematics.
Dr. Ram Kishor	Assistant Professor	Celestial Mechanics, Dynamical systems, and Chaos, Mission Design
Dr. J. P. Tripathi	Assistant Professor	Mathematical Ecology, Epidemiology, Dynamical Systems, Nonlinear Dynamics
Dr. Vijay Kumar Yadav	Assistant Professor	Fuzzy Set Theory, Fuzzy Topology, Fuzzy Automata Theory, Category Theory.
Dr. Vipul Kakkar	Assistant Professor	Algebra: Group Theory



## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Prof. Peeyush Chandra, Retd. Professor, IIT Kanpur	General Lecture on Mathematical Biology (Epidemiological Modelling)	12/02/2019

### Other Academic Activities

- The Department has organized a national conference “Rajasthan Science Congress” during Oct. 13-15, 2018.
- The Department has organized a National Workshop on “Celestial Mechanics and Dynamical Astronomy” during January 7-11, 2019.

### Awards/ Achievements

- Prof. Jugal K. Prajapat elected as member in the Executive Council of the Ramanujan Mathematical Society, India for a period of three years w.e.f. April 1, 2019.
- Prof. Jugal K. Prajapat nominated as a member on the Committee of Courses & Studies in Mathematics and Statistics, Jai Narain Vyas University, Jodhpur for a period of three years w.e.f. Oct 23, 2018.
- Dr. Amit Chakraborty, Honorary Research Associate, Agriculture Experiment Station, University of California, Riverise, March 2019- 2021.
- Dr. Amit Chakraborty, Visiting faculty, Southeast University, China, June 10-14, 2019.
- Dr. Ram Kishor Selected as Visiting Associate of IUCAA, Pune (India) from 01 August 2016 to 31 July 2019 and further extend for next three years from 01 August 2019 to 31 July 2022.



## Department of Statistics

### Coordinator: Dr. Deepesh Bhati

The Department of Statistics is one of the first two departments started along with Mathematics by the University 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 academic, insurance firms or broadly in analytics industry. The Department is 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. The Department also offers good opportunity for the employment and alumni of the department who are working in government sector like ISS, RPSC, 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. etc. The faculties are executing research projects in collaboration with UGC, CSIR, and MOSPI.

### 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. Deepesh Bhati	Assistant Professor & Co-ordinator	Extreme Value Theory, Distribution Theory, Actuarial Statistics
Dr. Arvind Pandey	Assistant Professor	Survival Analysis, Frailty model, Bayesian Analysis, Copula and Biostatistics
Dr. Sanjay Kumar	Assistant Professor	Sampling Theory
Dr. Mahendra Saha	Assistant Professor	Industrial Statistics and Actuarial Statistics
Dr. Abhimanyu Singh Yadav	Assistant Professor	Distribution Theory, Statistical Inference, Bayesian Computation.



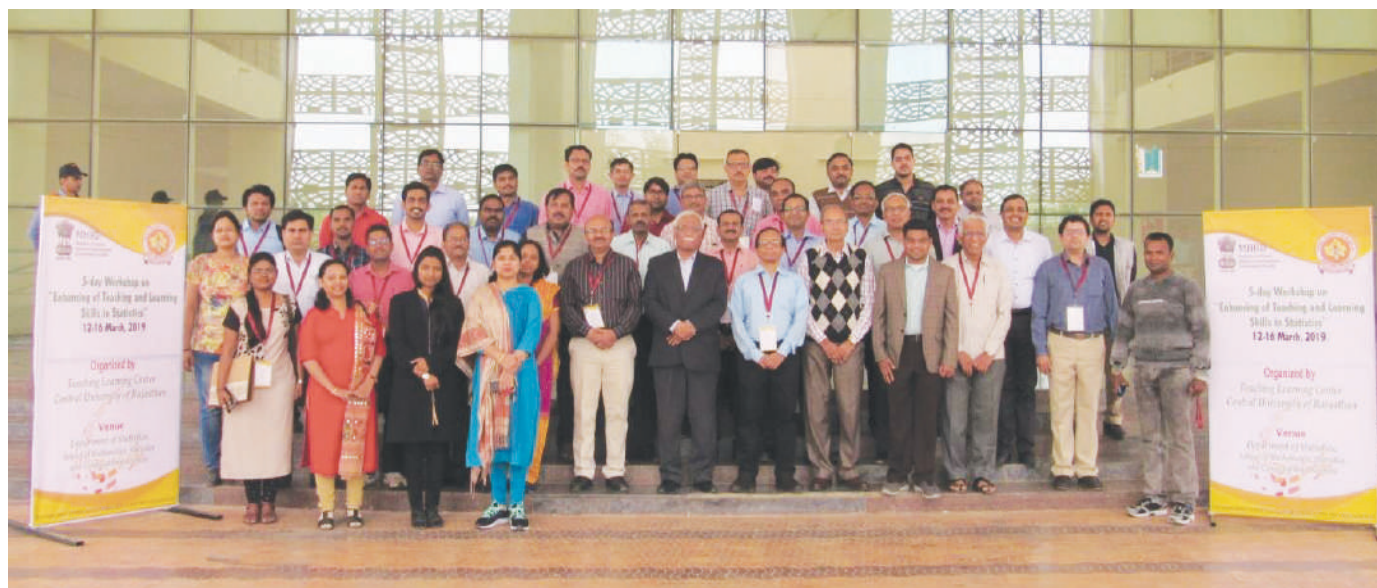
## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
<b>Prof. David D. Hanagal</b>	Vishwakarma University, Pune <i>Analysis of delayed S-shaped software Reliability Growth Model with time dependent Fault content rate function</i>	21/08/2018
<b>Prof. David D. Hanagal</b>	Vishwakarma University, Pune <i>Inverse Gaussian Frailty Models Based on Additive Hazard</i>	23/08/2018
<b>Dr. Sudheesh K.K.</b>	<b>ISI, Chennai</b> <i>Introduction to Boosting</i>	11/09/2018
<b>Prof. Asish Sengupta</b>	<b>ISI, Kolkata</b> <i>Interaction with Student</i>	11/03/2019
<b>Prof. K. Murlidharan</b>	<b>M.S. University, Vadodhara</b> <i>New Statistical Inferences on Inliers</i>	16/05/2019

### Extracurricular Activities

- 5-day workshop on “Enhancing of Teaching and Learning Skills in Statistics” in calibration with TLC CURAJ (12-16 February, 2019).







### Awards/ Achievements of Students

- Two Students qualified the GATE 2019



## Department of Data Science & Analytics

### Head: Dr. Manas Patra

The Department of Data Science and Analytics runs the M.Sc. CS (Big Data Analytics), 2years (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, computer science, and humanities 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, AI and other related fields.

### Programs Offered

- M.Sc. Big Data Analytics (4 semesters)

### Faculty

Name	Designation	Areas of Specialization
Dr. Manas Patra	Associate Professor	Information theory, optimization, algorithmic verification
Dr. Vikas Kumar (Contract basis)	Assistant Professor	Recommender systems, matrix factorization and classification

## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Prof. Abdul Sattar	Open discussion Queensland University of Technology, Australia <i>Applications of AI</i>	October 11, 2018
Dr. Kamlesh Tiwari	BITS, Pillani Lecture Machine Learning <i>Introduction and scope; Lecture Deep Reinforcement</i>	October 12, 2018
Mr. Madhav Purohit	Google India Lecture (video) <i>Competitive Programming</i>	October 28, 2018
Mr Md. Arif Khan	Lecture Applications of Neural Data Scientist, Honeywell Labs <i>Networks in Industry</i>	March 15, 2019
Prof. Bimal Roy	ISI, Calcutta <i>Talk on Statistics and Data</i>	April 17, 2019



## Awards/ Achievements

Most students of M.Sc. (Big Data Analytics) (8 of 10) batch 2017-19 have received offers from companies working in the area of data science and analytics in the salary range 4 lacs to 8 lacs rupees.

## Extracurricular Activities

Our students participated in most intra-university sports and other competitions.

## Extramural Funding Received

The Department of Data Science and Analytics in collaboration with the Department of Social Work have been successful in obtaining 1-year research project from the National Human Rights Commission. The project entitled “Unheard voices of silent majority: An assessment of Social Security and Health Risks among women migrant workers of Rajasthan” has been sanctioned a sum of Rs 7.26 lacs.

## Other Academic Activities (Educational Tour, Academic Celebrations)

Prof Bimal Roy, ISI and Mr Bala Narayan, TCS visited the University on April 17, 2019. A poster competition based on the Machine Learning projects of the second semester students was held during the visit. The team consisting of Ankit Singh and Arkaprabha Majumdar won the first prize on recommendation of Prof Bimal Roy.





## School of Physical Sciences

**DEAN: DR. AJIT KUMAR PATRA**

### Department of Physics

The department of physics, Central University of Rajasthan was established in 2011. The Department offers three postgraduate courses; 5 years integrated M.Sc. Physics, 2 years M.Sc. Physics, 3 years integrated M.Sc. B. Ed. Physics. In addition, Ph.D. degree program is also introduced from year 2014 by the Department. The Department has excellent experimental and computational lab facilities for both undergraduate and master degree students. The Department of Physics provides deep physical insight and the ability to any physics students 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 develop the careers of the next generation of physicists. Main research areas are condensed matter physics, laser and optics, and non-linear dynamics. The research is also supported by various funding agencies with approximately 3 crore funding. The department has achieved great success by producing outstanding undergraduate and master 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 in Physics
- M.Sc. Physics
- Integrated M.Sc. B. Ed. Physics (3 years)
- Integrated M.Sc. Physics (5 years)

### Faculty

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





Dr. Sukhmander Singh	Assistant Professor	Plasma waves, instabilities and electric propulsions
Dr. Rakesh Kumar	Assistant Professor	Correlated quantum many-body systems, Topological phases
Dr. Brijesh Kumar Singh	Assistant Professor	Optical phase singularity, laser beam shaping
Dr. Sahinur Reja	Assistant Professor	Condensed Matter Theory
Dr. Sandeep Kumar	UGC FRP Assistant Professor	Experimental condensed matter physics
Dr. Divya Srivastava	DST Inspire Faculty	Graphene, Carbon nanotube and density functional theory
Dr. Pradeep Kumar	DST Inspire Faculty	2D Nano materials, Graphene, EMI shielding, Thermal Management, Energy Storage Application
Dr. Amit Sharma (Ad-hoc faculty)	Assistant Professor	Nonlinear Dynamics and Chaos
Prof. K.P.N Murthy (Visiting Faculty)	Professor	Theoretical Physics

## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Prof. Sudhir R. Jain,	BARC, Mumbai <i>Making the Sound Visible</i>	25-01-2019
Prof. T.R. Govindarajan	Homibhabha National Institute, Chennai <i>Statistical and Quantum Mechanics</i>	14-04-2019 to 16-04-2019

### Extramural Funding Received

- Various extramural funded-projects of Rs. 241.61 lakhs 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.
- Prof. Manish Dev Shrimali received a new DST-SRF sponsored project of Rs. 66.33 Lakhs in the current year.

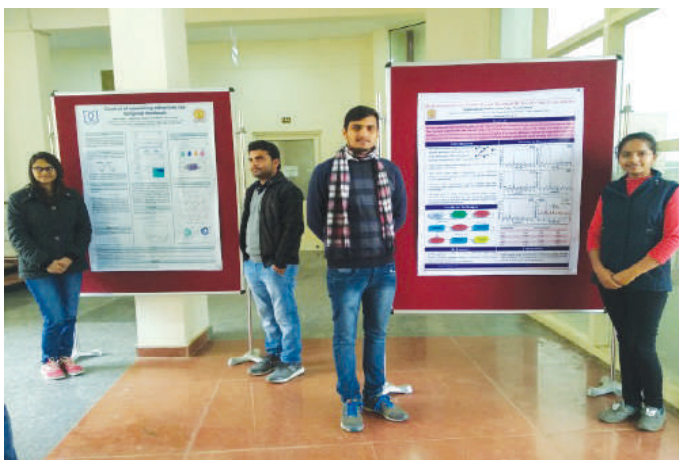
### Equipment Procured/ Facility

- Arc Melting Furnace
- Cryo-free High Magnetic Field and Low-Temperature Facility for Physical Property Measurements
- Water distillation Unit



## Awards/ Achievements

- Six students qualified JRF: Shankar Ghotia, Monu Singhal (2019-2021), Pramod Kumar Bhardwaj, Ramkalyan (2016-18), Pradeep Kumar, Pinky Yadav.
- Three students qualified NET: Akshay Tyagi, Abhishek Agarwal, Sunil Kumar Meena.
- Seven students qualified GATE: Swarnendu Mandal, Pramod Kumar Bhardwaj, Sachin Yadav, Firoz Khan, Pooja Jain, Shubham Diwivedi, Pinky Yadav.



*Poster Presentations*



*School Board Meeting*



## School of Social Sciences

### DEAN: PROF. S.N. AMBEDKAR

The School of Social Science has five major innovative academic departments: Public Policy, Law and Governance, Economics, Social Work, and Media and Culture Studies. The curricula developed and taught in all the Departments are modernized and improved considering latest academic trends of the disciplines. The faculties of the School representing established Universities of the Country have done significant

equips work in the last Academic Year 2016-17. Faculty members of the School have accrued Project Grants amounting more than 50 Lakhs from various external agencies like National Commission for Women (NCW), DST, UGC-MRP and ICSSR. In the Academic Year (2016-17), Two-Years Master's Program on Digital Society has also initiated in the School which is a special inter-disciplinary course linking the academic trends of Social Sciences and Digital Technology.

#### Departments

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

### Department of Culture and Media Studies

#### Coordinator: Dr. Pantra Pratik Patnaik

The Department of Culture and Media Studies started in 2011, is the first of its kind in the Central University system in India. The academic activities of the Department have a unique interdisciplinary orientation to nurture new fields of enquiry in the domain of media, culture, and communication studies. The curriculum is designed to enable the students to critically analyse the inter-relationship between media and cultural practices in the society. The Department equips the students to handle media technologies, inculcate journalistic skills and develop an analytical mind to enter the world of media and cultural studies. The structure and content of our courses build the foundation for the students to produce cutting edge documentaries, films, videos, photographs, and other forms of creative expressions. The students are acquainted with media industries and organizations through internship, industrial visits, conferences and workshops by prominent visiting faculty and professionals. They are enabled to handle media equipment and techniques that would help them secure a place in media industry, research organizations, and educational institutions. Students undergo two years of education, skill-building, and industrial training opportunities through compulsory media internship. The outcome of the rigorous programme is the production of documentaries, short films, and a range of journalistic pieces in print and online media. The alumni of this department have proved their abilities as a media entrepreneur, creative writers, journalists, photographers, and filmmakers. The Department stands for 'Communication for a Meaningful Society'.



## 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
Prof. Subhash Dhuliya (Contract basis)	Professor	International Communication, Development Communication, Journalism.
Dr. Pranta Pratik Patnaik	Assistant Professor	Television Studies, Cultural Studies, Gender & Sexualities
Dr. Nicholas Lakra	Assistant Professor	Intercultural Communication, Journalism, Content Analysis
Dr. Neeru Prasad	Assistant Professor	Cyber Journalism, Print Media, Layout and Designing.
Dr. Poonam Gaur (Contract basis)	Assistant Professor	Photography, Television Production, New Media.
Mr. Saket Bhardwaj (Contract basis)	Assistant Professor	Development Communication, Cultural Communication, Media & Society.

## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Mr. Deepak Kumar	Independent Film Maker <i>Aesthetics of Cinema</i>	04-05/09/2018
Mr. Raj Kishor	Independent Film Maker <i>Practicalities of Film Making</i>	04-05/09/2018
Dr. Amit Kumar	School of Journalism & New Media Studies, IGNOU New Delhi <i>Creating Educational Audio-Visual Content</i>	09/01/2019
Mr. Ashutosh Jha	Senior Journalist, ETV Bharat, New Delhi <i>Google Talk on Fake News</i>	18/01/2019
Mr. Uma Shankar Singh	Editor, Foreign Affairs, NDTV, New Delhi <i>Mobile Journalism</i>	26/03/2019





## Conference/ Workshop/ Symposium Organized

Mr. Shiv Narayan Pandey, Senior Editor, News 24 Channel, New Delhi conducted a five days' workshop on 'Fundamentals of Video Editing' from 1<sup>st</sup>–5<sup>th</sup> April, 2019.

## Other Academic Activities

Celebration of World Photography Day on 19<sup>th</sup> August, 2018

## Awards/ Achievements

- **Dr. Poonam Gaur** (Assistant Professor) received the best paper presenter award for her research paper "Impact of Mobile Technology on Consumption of Hindi Cinema in Rural Areas" at an International Conference on "Indian Cinema and Alternate Networks", Delhi Metropolitan Education Media School, Noida (U.P.), India (17<sup>th</sup> November, 2018).
- **Raheem Khan** (Masters Student) won the first prize in movie screening competition in the Math-Earth 2K18 fest organized by the Department of Mathematics, Central University of Rajasthan.
- **Raheem Khan** (Masters Student) won the third prize in the second nationwide competition on Laws Related to Women organized by the Central University of Rajasthan in collaboration with National Commission for Women.
- **'Tilonian Manifesto'**, a short video, made by the students of CMS Dept was selected as one among the 20 shortlisted videos out of 300 videos sent from worldwide in the Global Youth Video Competition on Climate Change organised by UNDP-GEF, United Nations Action for Climate Empowerment, Poland.

## Extracurricular Activities

- The Department organized its 4<sup>th</sup> Media Fest–Media Utsav on 29<sup>th</sup>–31<sup>st</sup> October, 2018.



## Department of Economics

### Coordinator: Dr. Hemlata Manglani

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 the 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. Ganesh Kawadia (Contract basis)	Professor	Macro Economics, and Environmental Economics
Dr. Hemlata Manglani	Assistant Professor	Micro Economics, International Trade, Growth
Dr. Pragati Jain	Assistant Professor	Environment, Development Studies
Dr. Pramod Kumar Naik	Assistant Professor	Financial Economics, Econometrics
Dr. Satyanarayan Murthy	Assistant Professor	Macro Economics and Finance, Monetary economics
Dr. Mohd. Hussain Kunroo	Assistant Professor	Macro Economics, Financial Economics, Econometrics
Dr. Motiniva Nayak	Assistant Professor	Economic Growth and Development Studies

## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

- Prof. Sunil Ray, former Director of A.N. Sinha Institute of Social studies, Patna delivered the special lecture on “Is Sustainable Development a myth?” on 10<sup>th</sup> August 2018.
- Prof. M.L. Chhipa, Former Vice Chancellor, Atal Bihar Vajpayee Hindi University, Bhopal, delivered the special lecture on “Ancient Indian Economic Thought” on 25<sup>th</sup> September 2018.

### Extramural Funded Projects

Department has various ongoing extramural funded projects of Rs. 8.50 Lakhs from IMPRESS, ICSSR, IWMI, India.



## Awards/ Achievements

### Students Cleared UGC NET

1. Akanksha Saharan (Semester III, M.A. Economics Batch 2018-20)
2. Utkarsh Berwal (Semester IX, Integrated M.Sc. Economics, Batch 2015-20)
3. Pulkita Jain (Integrated M.Sc. Economics, Batch 2014-19)
4. Amresh Kumar (Semester IX, Integrated M.Sc. Economics, Batch 2015-20)
5. Mansi Baheti (Integrated M.Sc. Economics, Batch 2013-18)
6. Keshav Soni (Integrated M.Sc. Economics, Batch 2013-18)
7. Afsha Siddiqui (Integrated M.Sc. B.Ed. Economics, Batch 2016-19)
8. Ekta Kumari (Integrated M.Sc. B. Ed. Economics, Batch 2016-19)
9. Rajani Choudhary (Integrated M.Sc. B. Ed. Economics, Batch 2016-19)
10. Aditi Rohatgi (Integrated M.Sc. Economics, Batch 2014-19)
11. Chinmay (Integrated M.Sc. Economics, Batch 2014-19)
12. TejaramNetar (Integrated M.Sc. Economics, Batch 2014-19)
13. Ekta Saini (Integrated M.Sc. Economics, Batch 2014-19)
14. Tasleem Khanam (Integrated M.Sc. B. Ed. Economics, Batch 2016-19)
15. Keshav Soni (Integrated M.Sc. Economics, Batch 2013-18)
16. Shubham Soni (Integrated M.Sc. Economics, Batch 2013-18)
17. Monika Bhati (M. A. Economics Batch 2015-17)
18. ShobhnaSikhwal (Integrated M.Sc. Economics, Batch 2013-18)
19. Suman Lumror (Integrated M.Sc. Economics, Batch 2014-19)
20. Kamal Ludhani (Integrated M.Sc. Economics, Batch 2014)
21. Balraj (M. A. Economics, batch 2015-17)

### Awards Received by Students

1. Ms. Suruchi Shrimali and Mr. Paras Sachdeva (M.A. Economics Semester IV) received first prize in 'Nachiketa Student Colloquium on sustainable development' organized by department of economics, Manipal University, Jaipur and Institute of Public Enterprise.
2. Mr. Shardendu Sharma and Mr. Chinmay received first and third prize respectively in Quiz organized by NCW at CURAJ

## Extracurricular Activities

### Sports

Students of Department of Economics participated in Cricket league 2018 organized by sports committee CURAJ and won the tournament Trophy (Both winner and Runner up).



### **Cultural Event(s)**

Department of Economics celebrated the Foundation day of Economic society on 25<sup>th</sup> September 2018 by planting trees in the SP3 Courtyard.

### **Entrepreneur in Action**

Economic Society of Department organized the syllabus-oriented activity “Entrepreneur in Action” on 9<sup>th</sup> October 2018 and students of other departments have participated. Students learnt the profit maximization, selling cost and promotional strategies, cost-effectiveness and minimization, implementing quality methods in competitive environment.

### **Participation in Education Fair**

Department of Economics participated in world education fair organized by MPS, Tilak Nagar, Jaipur from 1<sup>st</sup> -3<sup>rd</sup> October 2018.







## Department of Public Policy, Law and Governance

### Head: Dr. S. Kandasamy

The Department is completing nearly six years by the Academic Year 2018-19. It runs Master's and Ph.D. Programs that introduce students to the study of policy-making and implementation processes, the power of policy analysis and making judgments along with understanding of legal principles and operation of law in a composite society. The PPLG Programs help the students to get practical knowledge and is job-oriented in Government, non-governmental and private sectors. It prepares students to pursue their careers.

### 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 & Head	Cyber Law, Intellectual Property Law, International Law and Human Rights Law.
Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Governance, Big data and Public Policy, Energy Policy, Water and Sanitation Policy, Climate Change, 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	Governance, Local Governance, Public Policy Analysis.
Dr. Anjan Kumar Sahu	Assistant Professor	Human and Environmental Security, International Relations

### Extra-Mural Funding Received

Dr. C. Jeevan Kumar (2018-20) received Indian Council of Social Science Research (ICSSR) Major Research Project, title: "Digital Governance in India: A Case Study of Rajasthan with reference to Digital India Programme", Project Duration 2 years (2018-20) with Total Budget of Rs. 6.5 Lakhs.



## **Awards/ Achievements**

### ***UGC-NET Qualified***

- Mr. Rahul Kumar: UGC-NET in Political Science
- Mr. Swadesh Kumar: UGC-NET in Public Administration
- Ms. Preeti: UGC-NET in Political Science
- Mr. Sushil Kumar Rao: UGC-NET in Human Rights
- Mr. Sandeep Kumar: UGC-JRF
- Mr. Suresh Bhonuthu: UGC-JRF in Human Rights



## Department of Social Work

### Head: Dr. Subhasis Bhadra

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. The Department believes in promoting human potentials, skill development, equal opportunity, justice, respect for diversity and anti-discriminatory environment within the society. The department endeavours to make: Globally competent, socially significant and locally relevant trained personnel. The function of Department covers four areas:

- Teaching which includes imparting academic degrees with the motto of providing education for sustainable development;
- The practice which includes integrating the theory into practice by programmatic intervention and field laboratories;
- Research which includes students' dissertation based on empirical work and evidence;
- Extension covering field action projects.

### Programme Offered

- Ph.D in Social Work
- M.A. Social Work

### 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. Shaizy Ahmed	Assistant Professor	Ageing, Community Work, Higher Education, WaSH Management, and HRM
Dr. Atiq Ahmed	Assistant Professor	Neuro-Psycho-Oncology, Health Accessibility among Rural and Urban, Medical social work
Dr. Rajeev M.M.	Assistant Professor	Child & Youth Development, Disaster Management, Environment Issues, PRI
Mr D.P. Negi	Assistant Professor	Development Studies, Tribal studies & Community Development, Community Health



## ACADEMIC ACTIVITIES

### Expert/ Guest Lecture/ Seminar/ Visit

Name	Event	Date
Professor KL Sharma Rtd. Professor of Department of Psychology, Rajasthan University, Jaipur Editor in Indian Journal of Gerontology	Delivered lecture in National Workshop on Active Aging. <i>Aging in 21st Century: Challenges and Opportunities among Stakeholders</i>	27/9/2018
Professor Paramjit Singh Department of Psychiatry SMS Hospital Jaipur	Delivered lecture in National Workshop on Active Aging. <i>Mental Health Issues and Well-being among geriatric population</i>	27/09/2018
Dr. Archana Kaushik Department of Social Work, Delhi University, New Delhi	Delivered lecture in National Workshop on Active Aging. <i>Therapeutic Interventions for Active Aging Institutional and Community Based Interventions for Geriatric Population</i>	27/09/2018 and 28/09/2018
Professor Dinesh Kumar Singh Department of Social Work, Lucknow University, Lucknow, Uttar Pradesh	Delivered lecture on <i>Emerging fields of Social Work Practice</i>	11/12/2018
Mr. Aftab Pasha Programme Office Communication and Advocacy SILF, Lodhi Road, New Delhi	Practice learning session <i>Skills Laboratory on Programme Media</i>	12/01/2019
Dr. Mala Bhandari Director, SADRAG (Social and Development Research and Action Group), NOIDA, Uttar Pradesh	Visited to deliver lecture in NHRC workshop and in the department. Interactive session <i>Open discussion about Role of Civil Society Organization</i>	25/02/2019
Professor Rajeev Gupta Rtd. Professor of Department of Sociology Rajasthan University Jaipur	Deliver lecture in "Rights of the Women" workshop <i>Rights of the Women- Global and Indian perspective</i>	25/02/2019
Dr. Madhu Bala Nath Country Representative for Engender Health in India Former, Policy Adviser UN Women	Deliver lecture in "Rights of the Women" workshop <i>Violence against Women and Women trafficking: Rights and Protection</i>	26/02/2019





Dr. Tarnnum Siddiqui The Sarojini Naidu Centre for Women Studies (SNCWS), Jamia Millia Islamia	Deliver lecture in “Rights of the Women” workshop <i>Female foeticide, PC &amp; PNDT Act, 2003 and Reproductive Health: Rights of the Women</i>	26/02/2019
Mr. Sharad Tripathi District Coordinator Neheru Yuva Kendra (NYK) Ajmer, Rajasthan	Delivered lecture on <i>Role of NYK in Youth Development</i>	4/04/2019
Professor Neelam Shukramani Department of Social Work, Jamia Millia Islamia, New Delhi	Delivered lecture on <i>Importance of Values and Ethics in Social Work Practice</i>	10/05/2019

### Conference/ Workshop/ Symposium Organized

- Conducted a National Workshop on Elderly Care: “Active Aging in 21<sup>st</sup> Century: Challenges, Concerns and Opportunities across Multiple Stakeholders”, on 27<sup>th</sup> and 28<sup>th</sup> September 2018 supported by National Institute of Social Defence (NISD), New Delhi.
- Organized exposure visit and interaction programme for the MSW students from WMO (Wayanad Muslim Orphanage) college, Kerala on 9<sup>th</sup> and 10<sup>th</sup> October 2018.
- Department in collaboration with ActionAid Jaipur organized three days residential Leadership and Capacity Building Workshop for HRD (Human Rights Defenders), during 12<sup>th</sup> to 14<sup>th</sup> December 2018. In this training, 38 community volunteers of Action Aid and the students of Department of Social Work participated.
- Organized one-day workshop on “Leprosy- Breaking the Myths” supported by SILF (Sasakawa India Leprosy Foundation), New Delhi on 11<sup>th</sup> January 2019.
- Conducted two days training workshop on “Rights of Women” partially supported by NHRC (National Human Rights Commission) for the students of University on 25<sup>th</sup> and 26<sup>th</sup> February 2019.



**Inauguration of National Workshop on Active Aging in 21<sup>st</sup> Century held on 27<sup>th</sup> September, 2018**



**Awareness Session in the School by the Students of MSW Programme**



## **Extra-curricular Activities**

### ***Student's Participation in Cultural Activities***

- The students of (Batch 2018-20) Social Work participated in the residential youth festival organised by SILF -New Delhi on “Youth Against Leprosy” between 26<sup>th</sup> to 29<sup>th</sup> January 2019, at India Islamic Cultural Center, New Delhi.
- The Students of the Department of Social Work took an active role in various cultural programme organized at the university level, like, Matribhasha Diwash, Dance and Music Competition, cultural evening organised in NHRC supported workshop on “Rights of Women” etc.

### ***Student's Participation in Sports***

- Students participated in various sports activities organized Sports Committee. Two students took part in Microcosm fest and won prizes, further showed their sporting talents in Kabbadi and Football.

## **Extramural Funding Received**

Department has various ongoing extramural funded projects of Rs. 21.50 Lakhs from ICSSR, New Delhi and DST, NCSTC, New Delhi.



## Department of Society-Technology Interface

### Coordinator: Dr. Gyana Ranjan Panda

The Department of Society-Technology Interface started the Two-year Master's Programme, M.Sc. in Digital Society & One-year Post-Graduate Diploma in Cultural Informatics in association with Indira Gandhi National Centre for Arts (IGNCA) New Delhi, with effect from the Academic Year 2018–19. The Central University of Rajasthan is the first central university in India to launch this master's programme (M.Sc. in Digital Society) in collaboration with International Institute of Information Technology, Bangalore (IIIT-Bangalore). This course is interdisciplinary in nature and allows students from diverse academic background. The students learn subjects that inter-link various streams of Social Sciences and Science and Technology. The programme is designed to offer Information Communication Technology Policy and Regulation, Project Management and Appraisal, Digital Media, Cyber Law, ICT-Lab- Programming Concepts for Social Sciences, ICT & Development, Research Methods in Social Sciences, Information Technology (IT) and Society, Recent Trends in Information Technology: Internet, Web, Mobile, & Cloud Technology and Policy, Governance, and Politics in Digital Era.

#### Department

#### • Department of Sports Bioscience

### Programs Offered

- M.Sc. in Digital Society
- M. A. in Cultural Informatics

### Faculty

Name	Designation	Area of Specialization
Dr. Mandar Vijay Kulkarni (Contract basis)	Assistant Professor	International Development with specialization in Economic Development Policy and Management, IT and Development, Project Management, ICT Regulations and Policy
Mr. Swayam Prakash (Contract basis)	Assistant Professor	Computer Science, Data Analytics, Management Information Services (MIS)
Mrs. Sangeeta Kumari (Contract basis)	Academic Associate	Museology, Conservation, Cultural Informatics



## ACADEMIC ACTIVITIES

### Expert Lecture/Seminar

Name	Event	Date
<b>Dr. Devesh Sharma</b> Central University of Rajasthan	Geospatial Technologies and Environmental Management	18/01/2019
<b>Prof. Subhash Dhuliya</b> Central University of Rajasthan	Media Scenario in the Age of Convergence	23/01/2019
<b>Dr. Umesh Gupta</b> Central University of Rajasthan	Nature of Higher Education in Western Universities	25/01/2019
<b>Dr. Shatarupa Dash</b> Central University of Rajasthan	Digital Society and IoT: A Technical Story Tale	15/02/2019

### Extra-Curricular Activities

- The First Batch Students of the M.Sc. in Digital Society Programme are undergoing their Winter School Training Programme in IIIT-Bangalore (December 2018).
- Students of M.Sc. in Digital Society attended a Week-Long Training Programme on Skill Development for Youth Employability and Entrepreneurship from January 28–February 01, 2019 at VVGNI Campus, NOIDA.
- Student of M.Sc. Digital Society demonstrated a futuristic model of “Digital Village” in National Science Day “Science Model” competition and got second prize.



*First Batch Students of M.Sc. in Digital Society attending Training Programme in National Labour Institute, Noida*



*Second Batch of M.Sc Digital Society Studying in IIIT-Bangalore*

### Awards/ Achievements

Mr. Manish Tarun (Batch 2018-20 of M. Sc in Digital Society) received UGC-NET.





## School of Sports Sciences

### COORDINATOR: DR. CHANDRA SEKHAR GAHAN

The School of Sports Sciences MYAS-CURAJ was established in May 2018 with the support of the Ministry of Youth Affairs and Sports (MYAS), Govt. of India. The School of Sports Sciences started with three postgraduate programs in the year 2018. The School of Sports Sciences offers three different postgraduate programs. All the Post-graduate programs are under the category of Professional Courses of the University. The School aims to carry out active teaching and research in the various fields of Sports Sciences. The Master 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 emphasise 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.

### 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 Physiology, M.Sc. Sports Biochemistry and M.Sc. Sports Nutrition. 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.

#### Program Offered

- M.Sc. Sports Physiology
- M.Sc. Sports Biochemistry
- M.Sc. Sports Nutrition



## Faculty

Name	Designation	Area of Specialization
Dr. Chandra Sekhar Gahan	Associate Professor	Biochemistry Bioprocess Engineering Biochemical Engineering
Dr. Barkha Bhatnagar (Contract basis)	Assistant Professor	Food Science and Nutrition Sports Nutrition Nutrition for Various Games and Sports Doping and Supplement Use
Dr. Ram Gopal Nitharwal (Contract basis)	Assistant Professor	Biomolecules and Exercise Metabolism Nutritional and Exercise Biochemistry
Mr. Ajay Pal Nat (Contract basis)	Assistant Professor	Exercise Prescription Sports Injuries Prevention and Management Sports Training, Rehabilitation and Performance Evaluation
Mrs. Ramanjit Kaur (Contract basis)	Assistant Professor	Exercise Prescription Sports Injuries Prevention Therapeutic Rehabilitation Occupational Health, Performance Evaluation Special Issues of Female Athletes

## ACADEMIC ACTIVITIES

### Expert Lecture/ Seminar/ Visit

Name	Event	Date
Prof. (Retd.) Agyajit Singh	Psychological Skill Training in Sports Panjabi University Patiala	27/10/2018

### Other Academic Activities

Theme/Event Name	Organizer/Coordinator	Date
Sports Kinesia -2018	School of Sports Sciences	15-18/10/2018

### Instruments Procured/Facility

- Anthropometric Measuring Set
- Cardio Check Health Kit
- Digital Metronome
- Finger Pulse Oxymeter
- Skin Fold Calliper For Lab
- Stadiometer Digital
- Stethoscope Litman Type
- Wired Measuring Tape
- B.P. Instrument (Sphygmomanometer)
- Digital Glucometer
- Sit & Reach Box
- Steel Measuring Tape
- Skin Fold Calliper Portable
- Stadiometer Portable
- Stop Watch Digital



## Human Body Models

- Human Brain
- Human Eye
- Ear With Pinna
- Heart
- Functional Hip Joint
- Functional Elbow Joint
- Imported Vertebral Column with Stand
- Imported Human Skeleton with stand
- Torso with Head and Interchangeable Male and Female Genitalia Separ
- Kidney on Stand
- Liver showing Gall Bladder
- Functional Shoulder Joint
- Functional Wrist Joint
- Functional Ankle Joint
- Imported Functional Knee Joint (Right)
- Stomach on Stand
- Human Skeleton Disarticulated (Complete with Loose Bones)

## Awards

Name of the Student	Course	Batch	Exam Qualified
Manisha Kumari	M.Sc. Sports Nutrition	2018–19	NET

## Sports Kinesia 2018





## Faculty: Academic Endeavors

### INVITED LECTURE/KEYNOTE/ SESSION CHAIRED

#### Department of Architecture

##### **Neeraj Gupta**

‘Engage Jaipur 2019’ Panel discussion on “Vertical vision for the cities of tomorrow” supported by The Indian Institute of Architects Rajasthan Chapter at Holiday Inn Hotel, Jaipur. (15 February 2019). Panelist

‘Rights of Women related to Violence and Sexual Harassment’ in the workshop on Rights of Women, Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer, Rajasthan. (25-26 February, 2019). Session Chaired

‘Ten days Refresher Course on Capacity Building Program for Teachers of Higher Educational Institutions (HEIs)’ organized by the Teaching Learning Centre [funded by MHRD under the scheme of PMMMNMTT], Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer, Rajasthan. (9-19 April 2019). Invited Lecture

“Four Weeks Induction Training Program’ for the Faculty Members of HEIs organized by the Teaching Learning Centre [funded by MHRD under the scheme of PMMMNMTT], Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer, Rajasthan. (27 May - 22 June 2019). Invited Lecture

##### **Ritu B. Rai**

“Various approaches to carry research and develop proposal for architectural thesis” to the students of IX semester, School of Planning and Architecture, Poornima University, Jaipur. (16 -17 November 2018) Invited Lecture

“Sustainable campus development”, MNIT, Jaipur. (8 December 2018). Invited Lecture

“Gender sensitization for non-teaching staff”, Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer, Rajasthan. (16 January 2019). Session Chaired

“Vernacular building traditions ESE” at Poornima University, Jaipur. (23 June 2019). Invited Lecture

##### **Sunil Sharma**

“An Introduction to Building Energy Modeling using eQUEST (quick energy simulation tool)” on Sustainable and Energy Efficient Building organized by Dept. of Architecture and Planning MNIT Jaipur in association with Council of Architecture, New Delhi. (28 February 2019). Invited Lecture “working on eQUEST software and hands-on exercise” on Sustainable and Energy Efficient Building organized by Dept. of Architecture and Planning MNIT Jaipur in association with Council of Architecture, New Delhi. (1 March 2019). Invited Lecture





## Department of Atmospheric Science

### *Someshwar Das*

“Analysis and Simulation of the Recent Tornado of Bara-Parsa Districts of Nepal” at International (SAARC) Youth Scientific Conference (IYSC) on Science and Technology for Prosperity: “Connecting Lives with Land, Water and Environment” organized by Tribhuvan University, Kathmandu, Nepal. (5-6 June 2019). Invited Lecture

“Modeling & Forecasting of Severe Storms over the Himalayas and adjoining regions” at International Workshop on “Modeling Atmospheric - Oceanic Processes for Weather and Climate Extremes (MAPEX 2019)” IIT Delhi, India. (28-29 March, 2019). Invited Lecture

“Simulation of Lightning Threat by WRF Model—A Review” at International conference on Thunderstorm and Lightning in Tropics-2019 (ICTLT2019), SOA University, Bhubaneswar. (17-19 Jan 2019). Invited Lecture

“Desert Storms & Cloudbursts: A hypothetical linkage” at International Workshop on Extreme Severe Storms and Disaster Management Strategies, Central University of Rajasthan. (24-26 Dec 2018). Invited Lecture

“Desert Storms & Cloudbursts: A hypothetical linkage” at TROPMET-2018, Banaras Hindu University (BHU), Varanasi, India. (24-27 Oct 2018). Invited Lecture

“Desert Storms and Modeling of Extreme Weather Systems” at VI Rajasthan Science Congress on “Innovation in Science and Technology for Sustainable Development, Central University of Rajasthan. (13-15 October 2018). Invited Lecture.

### *Subrat Kumar Panda*

“Tutorials on Graphics (GrADS)” at SERB School on Numerical Modeling and Forecasting of Desert Storms and Cloudburst, Department of Atmospheric Science, Central University of Rajasthan. (11 - 23 February 2019). Invited Lecture.

“Future Changes in Rainfall and Temperature Extremes at Four Indian Cities” at International Workshop on Extreme Severe Storms and Disaster Mitigation Strategies, Department of Atmospheric Science, Central University of Rajasthan. (24 - 26 Dec 2018). Invited Lecture.

“Combined Role of Eurasian Snow and Sea Surface Temperature on the Indian/Korean Summer Monsoon based on Models Simulation” at VI Rajasthan Science Congress on “Innovation in Science and Technology for Sustainable Development, Central University of Rajasthan. (13 - 15 October 2018). Invited Lecture

## Department of Biochemistry

### *Chandi C. Mandal*

“Cholesterol Lowering Simvastatin Targets NFATc1-DKK1-CSF1 Axis to Inhibit Breast Cancer Induced Osteoclast Activity” in the international symposium on Tumor Microenvironment and Cancer Prevention & Therapeutics 2019, JNU, New Delhi, India. (09 February 2019). Invited Lecture

“Targeting cellular cholesterol prevents cancer” International Conference on International Conference on LSRIEAS-2018, BITS-Pilani, India. (03 November 2018). Invited Lecture



“An Intriguing link between cholesterol and tumorigenesis” Institute of Bioorganic Chemistry, Russia, Moscow. (02 August 2019). Invited Lecture

“Cancer and Related Diseases session in International Conference on Molecular Basis of Diseases & Therapeutics 2019” at the Central University of Rajasthan. (08 March 2019). Session Chaired

### ***Vishvanath Tiwari***

“Discovering alternate therapeutics for carbapenem resistant *Acinetobacter baumannii*, on ‘National workshop on Foldscope and Symposium on Applied biotechnology’ at IIS University, Jaipur. (15 - 16 March 2019). Invited Lecture

### ***Vijay Kumar Prajapati***

“Immunoinformatics a new tool for vaccine designing” in the conference titled Perspective Technologies in Vaccination and Immunotherapy, Moscow, Russia. (October 2018). Invited Lecture

“Development in vaccinology” in Association of Microbiologist of India (AMI) conference, Hyderabad. (December 2018). Invited Lecture

“Development of a vaccine for Leishmaniasis” in Indian Science Congress Association conference at Lovely Professional University, Punjab. (January 2019). Invited Lecture

“Immunotherapy” session in International conference on Molecular Basis of Disease and Therapeutics at Central University of Rajasthan, India. (March 2019). Session Chaired

## **Department of Biotechnology**

### ***Aditya K. Gupta***

“Non-infectious Diseases and Life Style Disease” during the International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT), Central University of Rajasthan, Ajmer. (8-10 March 2019). Session Chaired

### ***Tarun Kumar Bhatt***

“Advances in Vaccine Development” at National Workshop on Foldscope & Symposium on Applied Microbiology, Manipal University, Jaipur, India. (23-24 November 2018). Invited Lecture

“An Overview of Vaccine Development against Malaria Parasite” at DBT Sponsored National Workshop on Foldscope & Symposium on Applied Biotechnology, IIS University, Jaipur. (15-16 March 2019). Invited Lecture

### ***Suman Tapryal***

“Recombinant DNA Technology & Aspect of Memory Functioning” on Three Days Training Workshop on Effective Teaching/Learning Methods for Science Teachers of Schools organized by the Teaching Learning Centre, Central University of Rajasthan, Ajmer. (7 - 9 February 2019). Invited Lecture



“*In-silico* and *in-vivo* Studies Investigating the Anti-Dengue Activity of a Natural Biomolecule Isolated from Plant *Terminalia chebula*” presented at a National Seminar “Recent Trends of Research in Medicinal Plants and Applied Sciences” organized by Department of Botany, Ramjas College, University of Delhi. (27 March 2019). Invited Lecture

### **Janmejay Pandey**

“Biomarker Discovery and Systems Biology” during the International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT), Central University of Rajasthan, Ajmer. (8 - 10 March 2019). Session Chaired

### **Jay Kant Yadav**

“3rd Ulm Meeting-Biophysics of Amyloids” Held at Ulm University, Ulm, Germany. (18 - 20 February 2019). Session Chaired

“Designing Future Food for Age-Related Human Diseases: With Special Emphasis on Alzheimer’s Diseases” in 19<sup>th</sup> World Congress of IUFOST-2018, CIDCO Centre, Mumbai, India. (18–24 October 2018). Invited Lecture

### **Jayendra Nath Shukla**

“Host-Pathogen Interaction” during the International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT), Central University of Rajasthan, Ajmer. (8-10 March 2019). Session Chaired

### **Surendra Nimesh**

“Silver Nanoparticles: Biosynthesis and its Therapeutic Applications” at Department of Biomedical Science, Acharya Narendra Dev College, University of Delhi, Delhi. (29 March 2019). Invited Lecture

“Nanotechnology Mediated Efficient Gene Delivery” at School of Basic and Applied Sciences, K. R. Mangalam University, Gurugram. (29 March 2019). Invited Lecture

“Biosynthesis of Silver Nanoparticles and its Therapeutic Applications” at DBT Sponsored National Workshop on Foldscope & Symposium on Applied Biotechnology, IIS University, Jaipur. (15-16 March 2019). Invited Lecture

“Nanotechnology and Pharmaceutical Sciences” during the International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT), Central University of Rajasthan, Ajmer. (8 -10 March 2019). Session Chaired

“Cost-effective and Green Strategies for the fabrication of silver nanoparticles with biological applications” at National Workshop on Foldscope & Symposium on Applied Microbiology, Manipal University, Jaipur, India. (23–24 November 2018). Invited Lecture

### **Vivek Verma**

“SUMOylation: A new facet to plant immune responses” at International Conference on Trends in Plant Sciences and Agrobiotechnology-2019 (ICTPA2019) and 40th Meeting of Plant Tissue Culture Association-India (PTCA-I), Indian Institute of Technology Guwahati, Assam, India. (14–16 February 2019). Invited Lecture



## Department of Chemistry

### *M. Bhanuchandra*

“KHMDS mediated synthesis of 9-arylfluorenes from dibenzothiophene dioxides and arylacetonitriles by tandem SNAr-decyanation based Arylation” at International conference on frontiers at the chemistry-allied sciences interface (FCASI). Rajasthan University. (21–22 December 2018). Invited Lecture

### *Anuj K. Sharma*

“Judicious Design of Multifunctional Inorganic Systems for Biomedical Applications” at International Conference on Advanced Materials, Energy, & Environmental Sustainability. Department of Chemistry & Physics. UPES, Dehradun. (14–15 December 2018). Invited Lecture & Session Chaired.

“Novel Multifunctional Inorganic Systems for Biomedical Applications” at 32nd Indo-Canadian Multidisciplinary Research: Trends and Prospects. Institute of Infrastructure. Research and Management, Ahmedabad. (28–29 December 2018). Invited Lecture & Session Chaired.

### *Chandrakanta Dash*

“Development of well-defined transition metal-based catalysts for C-C and C-heteroatom bond-forming reactions” at International conference on chemical and biological sciences in drug discovery (IC-CBSDD-2019). Berhampur University, Odisha. (8–10 March 2019). Invited Lecture

“Efficient zinc and copper-catalyzed azide-alkyne cycloaddition in aqueous medium” at National conferences on emerging trends in chemical sciences (ETCS-2019). Central University of Jammu, Jammu. (14 -15 March 2019). Invited Lecture

### *Anurag Prakash Sunda*

“Atomistic Simulations of Energy Materials: Application to High-Temperature PEM Fuel Cells” National Conference: Energy and Environment (NCEE). JNV University, Jodhpur. (9–10 March 2019). Invited Lecture

## Department of Commerce

### *Dr. Neha Seth*

“Research Designs in the Area of Management Research” at ITS Institute of Technology & Science, Ghaziabad. (25 February 2019). Invited Lecture

### *Dr. Ruchita Verma*

“An overview of Goods and Service Tax in India” RNB Global University, Bikaner (delivered through webinar). (28 March 2019). Invited Lecture





## Department of Computer Science & Engineering

### **Muzzammil Hussain**

“Information Security” on 3rd International Conference on Data Engineering and Communication Technology (ICDECT 2019), Hyderabad. (March 2019). Session Chaired

### **Gaurav Somani**

“Resilience and Resource Management” in One-week faculty development program on Recent Trends in Security and Privacy at SVNIT Surat. (18 June 2018). Invited Lecture

“DDoS attack Space in Cloud Computing” in One-week faculty development program on Recent Trends in Security and Privacy at SVNIT Surat. (18 June 2018). Invited Lecture

### **Ravi Saharan**

“Artificial Intelligence for Sustainability” in International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM-2019), Amity University Jaipur. (February 2019). Invited Lecture

“International Conference on Sustainable Computing in Science, Technology and Management” (SUSCOM-2019), Amity University Jaipur. (February 2019). Session Chaired

## Department of Culture and Media Studies

### **Pranta Pratik Patnaik**

“Moving Beyond the Margin: The Politics of Inclusion and Assimilation” an International Conference on Media and Cyberspace, organized by Department of English, Central University of Rajasthan. (15 - 16 November 2018). Session Chaired

## Department of Data Science and Analytics

### **Abdul Sattar**

“Applications of AI” Queensland University of Technology, Australia. (11 October 2018). Open discussion

### **Kamlesh Tiwari**

“Machine Learning: Introduction and scope” BITS, Pillani. (12 October 2018). Invited Lecture

“Deep Reinforcement Learning” BITS, Pillani. (12 October 2018). Invited Lecture

### **Madhav Purohit**

“Competitive Programming” in Google India. (28 October 2018). Video Lecture



### ***Md. Arif Khan***

“Applications of Neural Networks in Industry” Data Scientist, Honeywell Labs. (15 March 2019). Invited Lecture

### ***Bimal Roy***

“Talk on Statistics and Data Science” ISI, Calcutta. (17 April 2019). Invited Lecture

## **Department of Economics**

### ***Ganesh Kawadia***

“National Seminar” organised by SS Jain Subodh College, Jaipur. (18 September 2018). Invited Lecture

“Research Methodology in the ICSSR Workshop” organised by M P Institute of Social Science Research, Ujjain (Delivered two lectures). (11 September 2018). Invited Lecture

### ***Hemlata Manglani***

“Literary Fest 2018” organized by D.A.V. College Ajmer. (17 October 2018). Invited Lecture

### ***Pragati Jain***

“Water and Energy: A Judicious Mix in International Workshop on Water-Energy-Food Nexus Perspective: Path Making for Sustainable Development Goals (SDG's) to Country Actions in Asia” Department of Atmospheric Science, School of Earth Sciences, Central University of Rajasthan. (25-26 June 2019). Invited Lecture

“Policy dialogue on Best Implementation Examples of Mukhyamantri Jal Swavlamban Abhiyan (MjSA) in a session on Drought Proofing Measures of Different States through their flagship Chief Minister's programme” at IWMI, Anand. (9 October 2018). Invited Lecture

## **Department of Environmental Science**

### ***Devesh Sharma***

“Climate Change and Water Security” at two days international training course on IWRM, Water Security and Climate Change for Developing Economics at National Institute of Hydrology, Roorkee. (15 November 2018). Invited Lecture

“Water-energy-food nexus for achieving SDGs: Status, trade-offs and synergies of India” at Indo-US Bilateral Workshop on Water-Food-Energy-Climate Nexus: A Perspective towards a Sustainable Future at IIESD, Banaras Hindu University, Varanasi. (17 November 2018). Invited Lecture

“Impact of Climate Change on Stream Flow at Basin Level Using Improved Climate Model Precipitation Scenarios” at the International Workshop on Extreme Severe Storms and Disaster Mitigation Strategies, Central University of Rajasthan, Bandarsindri. (24 - 26 December 2018). Invited Lecture



### **Ritu Singh**

“Application and Optimization of Vortex Assisted Emulsified Microextraction Coupled with UV-Visible Spectrophotometer for Determination of Acetyl Salicylic Acid in Water Samples” at National Conference on Emerging Trends in Water Quality and Quantity Management-II in Poornima University, Jaipur. (29 - 30 March 2019). Invited lecture

“Application of Iron Nanoparticles for Environmental Clean up” at VI Rajasthan Science Congress in Central University of Rajasthan, Ajmer, India. (13 - 15 October 18, 2019). Invited lecture

### **Garima Kaushik**

“Bioprocess Engineering for Biodegradation of Pharmaceutical Compound” at International Conference on Environmental Analysis India in New Delhi. (25 - 26 April, 2019). Invited Lecture

“Microbial degradation of pharmaceutical compound: process optimization and degradation pathways” at the international conference on recent advances at interfaces of physical and life sciences RAIPLS- 2019 in Department of chemistry, University of Rajasthan, Jaipur, India. (28-30 January 2019). Invited Lecture

### **Alok Kumar**

“Role of Coastal Wetland ecosystems in Carbon storage and Sequestration” at National conference on Biogeochemical cycles and Climate Change, IIT (ISM) Dhanbad. (10 - 11 August, 2018). Invited keynote Lecture

## **Department of Education**

### **Narendra Kumar**

“Pedagogy of Teaching” in Three Days Training Workshop on Effective Teaching-learning Methods for Science Teachers of schools organized by the Teaching Learning Centre [funded by MHRD under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)], Central University of Rajasthan. (7- 9 February, 2019). Invited Lecture

## **Department of English**

### **Supriya Agarwal**

“International Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation” organized by the Department of English, Central University of Rajasthan. (15 - 16 November 2018). Session Chaired

“Language Learning through Literature” organized by Birla Institute of Technology and Science, Pilani. (25 March 2019). Invited Lecture

### **Sanjay Arora**

“International Conference on Moving beyond the Margin: The Politics of Exclusion and Assimilation” organized by the Department of English, Central University of Rajasthan. (15 - 16 November 2018). Session Chaired



### **Bhumika Sharma**

“International Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation” organized by the Department of English, Central University of Rajasthan. (15 - 16 November 2018). Session Chaired

### **Devendra Rankawat**

“International Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation” organized by the Department of English, Central University of Rajasthan. (15 - 16 November 2018). Session Chaired

### **Ved Prakash**

“Unraveling the Art of Communication” at a workshop on Art of Scientific Writing and Communication Skills organized by Zakir Husain Delhi College, University of Delhi. (20 July 2018). Invited Lecture

## **Department of Hindi**

### **N. Lakshmi Aiyar**

“Hajrat Mahmoodul Hasan Soulat tonki” in 3 days National Seminar at Moulana Abul Kalam Azad Arabic, Persian Research Institute, Tonk, Rajasthan. (26-28 February 2019). Invited Lecture

“Subrahmanya Bharathi: A versatile poet” ICPR sponsored seminar of “Subramania Bharathi: The National Poet, Prose-writer, Social revolutionary feminist in collaboration with Vishnu foundations, Chennai. (16 - 17 Feb 2019). Session Chaired

“Subrahmanya Bharathi Ke Kavya mein Gandhi Darshan” “Bharatiya Samaj Aur Samaj Mein Mahatma Gandhi Rajasthan University, Jaipur. (25-26 March 2019). Invited Lecture

“Moving beyond the Margin: The Politics of Exclusion and assimilation” at the International Conference Dept. of English, Rajasthan Central University, Kishangarh. (15 - 16 November 2018). Session Chaired

### **Mamata Khandal**

“Brajbhasha ka Hindi Sahity mein Yogdan” at National Conference on Brajbhasha Sahity, Samaj aur Sanskriti, Rajasthan Brajbhasha Academy ewam Hindi Vibhag, Rajasthan Vishwavidhyalaya, Jaipur. (10 - 11 August 2018). Invited Lecture

“Vaishvik Pariprekshy mein Rajasthani Lok Sahity ki Samasyayen” at an International Seminar on Wartaman Samasyayen aur Lok ki Bhumika, Swami Sahajanand Snatkottar Mahavidhyalaya, Gazipur ewam kendriy Hindi Sansthan, Agra. (23 - 24 November 2018). Invited Lecture

“Mukt Chand mein udbodhan ke Geetkar- Nirala” at Regional Seminar on Mahapran Nirala ka Kavya Vaibha: Smaran aur Samvad, Samvet Dhvani Sansthan, Udaipur ewam Rabindranath Tagore Sanatkottar Mahavidhyalaya, Kapasan, Chittorgar. (10 February 2019). Invited Lecture

“Pratibha Ray ke Katha Sahity mein Stri Samvedna” at National Seminar on Stri Lekhan ke Aadi Hasthakshar, Hindi Vibhag, Banaras Hindu Vishwavidhyalaya, Varanasi. (29 - 30 March 2019). Invited Lecture





### **Suresh Singh Rathore**

“Jaikrishna devacharya praneet padawali men braj bhasha ka lality” at International Conference on brajbhasha sahity aur sanskriti ka vaishvik swaroop, Rajasthan Braj bhasha Acadami Jaipur Rajasthan. (1 - 2 September 2018). Invited Lecture

“Meera ke kavy men bhakti Aur darshan” at national Conference on Meera: Darshan Aur Bhakti, ICPR and Meera Smriti Sansthan, Chittorgarh Rajasthan. (8 - 10 September 2018). Invited Lecture

“Smridh parmptra ka ksheen Hota lok “at international Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation, Dept of English Curaj Kishangarh. (15 - 16 November 2018). Invited Lecture

“Lok Sanskriti ke samvardhan men Sangrahyon ka yogdan” at international Conference on New Trends in Museological and Historical Research, Centre for Museology and Conservation, University of Rajasthan, Jaipur. (15 - 16 February 2019). Invited Lecture

“Rajsthan ke anchalik Upnyas” at national Conference on Katha sahity men Anchalikta, Dept. Of Hindi, JNVU Jodhpur. (25 - 26 February 2019). Invited Lecture

### **Sandeep Vishwanathroa Ranbhirker**

“Brajbhasha Sahitya Me Meera Evam Soor Ka Yogdan” at International Conference on brajbhasha sahity aur sanskriti ka vaishvik swaroop, Rajasthan Braj bhasha Acadami Jaipur Rajasthan. (1 - 2 September 2018). Invited Lecture

“Meera ke Bhakti Kavya Me Ishvar, Maya aur Jagat ki Sthiti” at national Conference on Meera: Darshan Aur Bhakti, ICPR and Meera Smriti Sansthan, Chittorgarh Rajasthan. (8 - 10 September 2018). Invited Lecture

“Hindi Katha Sahitya me Hashiye ki Ibaraten” at international Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation, Dept of English Curaj Kishangarh, (15 -16 November 2018). Invited Lecture

“Impact of Globalization on Indian Languages and Literature” at national Conference on Impact of Globalization on Indian Languages and Literature, Department of Modern Indian Languages, Aligarh Muslim University, Aligarh. (11 - 12 February 2019). Invited Lecture

### **Amit Kumar Singh Kushawaha**

“Social Media awam Hindi Ptrakarita” at National Seminar on Hindi Ptrakrita: Kal aur Aaj. MGKV. Varanasi, UP, India. (30 May 2019). Invited Lecture and Session Chaired.

“Vigyapan Ki Duniya me Stree ki Pahal” at National Seminar on Stree Lekhan Ke Aadi Hatakshar. BHU, Varanasi, UP, India. (29 - 30 March 2019). Invited Lecture and Session Chaired.

“Srimadbhagavatgeeta me Darshanik Vichar aur Manav Mulya” at National seminar on Bhagavatgeeta aur Quran me Chitrit Darshanik Vichar awam Mulya. MDSU Ajmer, Raj. India. (15 - 17 June 2019). Invited Lecture and Session Chaired

“Media aur Aadhi Aabadi ki Bhumika” at International seminar on 21<sup>st</sup> Sadi: Nav Vimarsh. GESWS, Bhivani, HR, India. (24 March 2019). Invited Lecture



“Sanchar Madyamon me Hindi ka Prayog” at National seminar on Sanchar Madhyamon me Hindi ka Prayog. JES College, Aurangabad, MH, India. (02 March 2019). Invited Lecture

“Adhunik Hindi Kavita me Kisan Vedana” at National seminar on Adhunik Hindi Bhasha, Sahitya aur Sanskriti, IACS Collage, Sillod, MH, India. (25 February 2019). Presented a Research Paper

“Shusham Bedi ke Kavya Sahitya me Pravasi Jeevan” at National seminar on Pravasi Hindi Sahitya: Vaicharik Anushilan, Sri Mahaveer Jain Frist Grade College KGF, MH, India. (22 February 2019). Presented a Research Paper

## Department of Management

### *Maithili R.P. Singh*

“11th Annual National Conference on Business and Management” at HSB, Guru Jambheshwar University of Science and Technology, Hisar, India. (7-8 February, 2019). Invited Lecture.

## Department of Mathematics

### *Jugal K. Prajapat*

“Conformal mappings and its applications” at Lecture Workshop in Complex Analysis. Bharathiar University, Coimbatore, Tamilnadu (January 7-12, 2019). A series of Invited Lectures

“Integral transforms in Geometric Functions Theory” at Conference on Recent developments in Algebra and Analysis. Govt. Gandhi Memorial Science College, Jammu. (December 13-14, 2018). Invited Lecture

“Infinite products” at Refresher Course in Mathematics. Bharatidasan University, Tiruchirappalli, Tamilnadu. (July 15-20, 2018). Invited Lecture

### *Amit Chakraborty*

“Allosteric regulation of glutamate dehydrogenase molecule-a key molecule in Hyperinsulinism and Hyperammonemia syndrome (HI/HA)” in International conference on life science research and its interface with engineering and allied sciences (LSRIEAS-2019) at Birla Institute of Technology and Science, Pilani. (Nov 1 - 3 2018). Invited lecture

### *Jai Prakash Tripathi*

“Solution of Systems of Differential Equations and Fundamental Matrix” at Workshop on Differential Equations, Bifurcation and Chaos with Numerical Simulations in MATLAB. Department of Mathematics, BHU, Varanasi, India. (October 27-28, 2018). Invited Lecture

“Some Applications of Differential Equations” in Expert Lecture Series on Applications of Linear Algebra and Differential Equations. Department of Mathematics, Vivekananda Global University Jaipur, India. (February 15, 2019). Invited Lecture



### **Ram Kishor**

“Normalization methods” in the workshop on Celestial Mechanics and Dynamical Astronomy (CMDA-2019). Department of Mathematics, Central University of Rajasthan, India. (January 07-11, 2019). Invited Lecture

### **Vipul Kakkar**

“Boolean and Profinite Loops” at Conference on Recent developments in Algebra and Analysis. Govt. Gandhi Memorial Science College, Jammu. (December 13-14, 2018). Invited Lecture

## **Department of Microbiology**

### **Pradeep Verma**

“Lignocellulosic Biorefinery: An understanding of biomass pretreatment and role of enzymes in the generation of value-added products” at Xiamen Forum on Biomass Frontiers 2018, Xiamen University International Academic Exchange Centre (Xiang'an Campus) Xiamen, China. (19–22 October 2018). Invited Lecture (Plenary)

### **Pawan K. Dadheech**

International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019). School of Life Sciences, Central University of Rajasthan, Bandarsindri (Ajmer). (8 - 10 March 2019). Session chaired

### **Arvind Pratap Singh**

“Future Innovation & Research in Science & Technology” at Bhagwant University, Ajmer Rajasthan (1 March 2019). Invited Lecture (Keynote)

### **Akhil Agrawal**

“Assessing wettability alteration potential and rheological properties of novel polymer for development of biochemical enhanced oil recovery (BCEOR) technology” at 7<sup>th</sup> International Symposium of Microbiology of Oil Fields Systems 2019, Halifax, Canada. (18–21 June 2019). Invited Lecture

“Application of foldscope in general microbiology- Hands-on training” at National Workshop on Foldscope and Symposium on Applied Microbiology 2019, Manipal University Jaipur, Jaipur, India. (23 - 24 November 2018). Invited Lecture

“Biobusiness and Bioenterpreunorship” at International Conference on Molecular Basis of Disease and Therapeutics 2019. School of Life Science, Central University of Rajasthan. (08 - 10 March 2019). Session Chaired

“Prospects of Biotechnology in Oil and Gas Industry” at National Workshop on Foldscope and Symposium on Applied Biotechnology 2019 IIS University, Jaipur, Rajasthan. (15–16 March 2019). Invited Lecture

“Prospects of Microbiology in Oil and Gas Sector” at JECRC University, Jaipur, Rajasthan. (12 April 2019). Invited Lecture

**Deeksha Tripathi**

“Applications of Microbiology in agriculture” at CMP College, University of Allahabad. (23 August 2018). Invited Lecture

“*Mycobacterium Tuberculosis*; New insights into an old bug” at CMP College, University of Allahabad. (24 August 2018). Invited Lecture

**Vijay K. Verma**

“An Insight into the role of N-terminal Domain of *Helicobacter pylori* DNA B Helicase” in VI Rajasthan Science Congress on Innovation in Science and Technology for Sustainable Development, Central University of Rajasthan, Rajasthan. (13 - 15 October 2018). Invited Lecture

“International Conference on Molecular Basis of Disease and Therapeutics” organized by School of Life Science, Central University of Rajasthan. Rajasthan. (08 - 10 March 2019). Session Chaired

**Department of Pharmacy****Devesh M. Sawant**

“Mechanistic Investigation of Organic Reactions: Development of higher-order multicomponent reactions and its applications” at Lovely Professional University, Phagwara, Punjab. (12 April 2019). Invited Lecture

“Bimetallic Relay Catalysis Driven by Nitrene-Transfer on Isocyanide: Promising Applications in Medicinal Chemistry and Bioimaging” at Recent Advances in Organic and Bioorganic Chemistry (RAOBC-2019) at IISER, Mohali. (22 - 24 March 2019). Invited Lecture

“Transition-Metal Catalyzed Synthesis of Bioactive Heterocycles and Their Application in Nanomaterials” at International Conference on Functional Nanomaterials (ICFNM-2019) at IIT, BHU. (23 - 25 February 2019). Invited Lecture

“Upskilling Chemistry Teachers on latest Pedagogical tools for Impactful Teaching” at Science Academies Refresher Course from 27<sup>th</sup> November to 11<sup>th</sup> December 2018 at Vignan University, Guntur. (4 - 5 December 2018). Invited Lecture

“A Short History of the Discovery and Development of Modern Pharmaceuticals” at ICMR sponsored national workshop on Biostatistics, Epidemiology and Research Methodology (BERM-2018) held at Vignan Pharmacy College, Guntur. (23 - 24 February 2018). Invited Lecture

“Transition-metal catalyzed novel and sustainable strategies for the synthesis of bioactive heterocycles” at 24th International ISCB Conference (ISCBC-2018) held at Manipal University, Jaipur. (11 - 13 January 2018). Invited Lecture

**Ruchi Malik**

“Drug design aspects for medicinal chemists” at Education Programme on Recent Advances in Teaching and Research Methodologies in Pharmaceutical Sciences at Delhi Pharmaceutical Sciences and Research University, New Delhi. (28 September 2019). Invited Lecture





“NMR applications for Pharmaceutical Scientists” at Modern Bioanalytical Techniques for Drug Discovery, Panjab University, Chandigarh. (28 February 2019). Invited Lecture

“Determination of comprehensive in silico determinants as a strategy for identification of novel PI3K alpha inhibitors” at XXVIII-QIP on Recent Advances in Pharmaceutical Sciences, DIPSAR, Delhi. (13 March 2019). Invited Lecture

“NMR for Pharmacy Professionals” at XXX-QIP on Current Trends in Pharmaceutical Sciences, DIPSAR, Delhi. (03 April 2019). Invited Lecture

### **Umesh Gupta**

“International Conference of ICFNM-2019 at IIT-BHU. (22 - 25 February 2019). Invited Lecture

“National Conference of Emerging trends and innovation sin Pharmaceutical Nanotechnology & Nanomedicines” at CDIP Indore. (16 - 17 March 2019). Invited Lecture

“International Conference of 3rd International Conference on Soft Materials” at MNIT, Jaipur. (12 December 2018). Invited Lecture

### **Kaisar Raza**

“Buckminsterfullerenes: Promises and hurdles in drug delivery” at 6<sup>th</sup> World Congress on Nanomedical Sciences-ISNSCON-2018 at Vigyan Bhawan, New Delhi. (7 - 9 January 2019). Invited Lecture

## **Department of Physics**

### **Manish Dev Shrimali**

“Analysis of a Chaotic Time Series, Workshop” on Emerging Applications of Nonlinear Dynamics and Chaos, IIT Jodhpur. (13-15 December 2018). Invited Lecture

### **K.P.N. Murthy**

“Analysis of a Chaotic Time Series, Workshop” on Emerging Applications of Nonlinear Dynamics and Chaos, IIT Jodhpur. (13-15 December 2018). Invited Lecture

“Non-Boltzmann Ensembles and Landau Free Energy” Conference on Nonlinear Systems and Dynamics (CNSD-2018) held at Jawaharlal Nehru University, New Delhi. (11-14 October 2018). Invited Lecture

“Teaching and Learning by Examples: Importance of historical perspective in science teaching” Three Days Training Workshop on Effective Teaching/Learning Methods for Science Teachers of Schools, Central University of Rajasthan, Rajasthan. (7 - 9 February 2019). Invited Lecture

## **Department of Public Policy Law and Governance**

### **S.N. Ambedkar**

“Aged People in Changing Social Arena” in National Workshop on Active Aging in the 21<sup>st</sup> Century: Challenges, Concerns and opportunities across Multiple Stakeholders held at the Central University of Rajasthan. (27 - 28 September 2018). Session Chaired



“Tourism and Culture” International Conference on “Exploring contexts of Tourism, Culture and Heritage in South Asia” held at DAV College, Ajmer. (27 - 28 September 2018). Session Chaired

“Constitutional Validity of Section 377 of Indian Penal Code 1860” at Sangam University, Bhilwara. (13 - 14 October 2018). Invited lecture

“Session on Social Sciences and Humanities”, VI Rajasthan Science Congress 2018 held at Central University of Rajasthan. (13 - 15 October 2018). Invited Lecture

“Teacher Education: Challenges” on Inter-disciplinary National Conference on Emerging Trends in Higher Education: Challenges and Opportunities organized by Mahatma Jyoti Rao Phoolke University, Jaipur. (26 - 28 October 2018). Session Chaired

“Interrogating Emancipation” International Conference Moving Beyond the Margin: Politics of Exclusion and Assimilation organized at the Central University of Rajasthan. (15 - 16 November 2018). Session Chaired

“Introduction to the concept of Human Resource Development, Genesis of the Project in Community-Level Human Rights Defenders Leadership Training Programme” at the Central University of Rajasthan. (12 - 14 December 2018). Session Chaired

“The National TOT Programme on the Right to Information Act” organized by Rajiv Gandhi National Institute of Youth Development, at Jai Narayan Vyas University, Jodhpur. (16 January 2019). Invited Lecture

“Skill India” in association with Rajiv Gandhi National Institute of Youth Development organized by the Central University of Tripura. (19 February 2019). Invited Lecture

“Rights of Women related to Reproductive and Mental Health” in Basic Training Workshop at the Central University of Rajasthan on in association with National Human Rights Commission, New Delhi. (25 - 26 February 2019). Session Chaired

“ICSSR sponsored National Seminar on Public Administration” organized at Department of Public Administration, Kurukshetra University, Kurukshetra. (20 - 21 May 2019). Session Chaired

### ***S. Kandaswamy***

“Policy on Aging and Legal Support” in the National Workshop on Active Aging in 21<sup>st</sup> Century conducted by Dept of Social Work, Central University of Rajasthan. (28 September 2018). Invited Lecture

“The National Workshop on Active Aging in 21<sup>st</sup> Century” conducted by Dept of Social Work, Central University of Rajasthan. (28 September 2018). Session Chaired

“The Recent Developments in law of unnatural offences” in the National Seminar on Constitutional Validity of Sec 377 of IPC conducted by Sangam University, Bhilwara, Rajasthan. (14 October 2018). Invited Lecture

“The National Seminar on Constitutional Validity of Sec 377 of IPC conducted by Sangam University, Bhilwara, Rajasthan. (14 October 2018). Session Chaired.

“International Conference on Moving Beyond the Margin-Politics of Exclusion and Assimilation”, Conducted by Department of English, Central University of Rajasthan. (16 November 2018). Session Chaired

“Children in Cyberspace-A Contemporary Perspective” in International Conference on Child Rights: Emerging Issues and Concerns conducted by Cochin University of Science and Technology, Kochi. (02 Mar 2019). Paper Presentation



### ***C. Jeevan Kumar***

“The Deepening of Governance: Digital India and its Contribution”, ICSSR Sponsored National Seminar on Emerging Trends in Administration through Good Governance: Expectations and Challenges, organized by Department of Public Administration, Kurukshetra University, Kurukshetra and New Public Administration Society of India (NEPASI). (20 - 21 May 2019). Paper Presentation

### ***Gyana Ranjan Panda***

“22nd Wanshou Forum: “BRICS Pragmatic Cooperation in the framework of Global Economic Governance”, the 2nd “BRICS Think-Tank Forum on Pragmatic Cooperation”, in Fudan University, Shanghai, China. (23-24 June 2018). Invited Lecture

“International Conference Moving Beyond the Margin: The Politics of Exclusion and Assimilation, Department of English, Central University of Rajasthan. (15 - 16 November 2018). Session Chaired

### ***Anjan Kumar Sahu***

“Climate change threat and the securitisation of development in India: Securitising actors, referent object and the audience” for India and Regional Security Issues Panel at the All India International and Area Studies Convention 2019 on Ascending India: Reflections on Global and Regional Dimensions Jawaharlal Nehru University. (30 January -1 February 2019). Paper Presentation

## **Department of Social Work**

### ***Jagdish Jadhav***

“National Convention on the topic of Good Governance” ‘सुशासन संगम’. The convention is being held at the RMP-KEC Campus in Uttan, Bhayander, Thane, Mumbai. (20 - 21 January 2019). Session Chaired

“War and Violence” in the International Conference on Moving beyond the Margin: The Politics of Exclusion and Assimilation” organized at the Central University of Rajasthan. (15 - 16 November 2018). Session Chaired

“National Workshop on Bharatiyakaran of Social Work Curriculum” organized at Mahatma Gandhi Antarrashtriya Hindi Vishvidyalay, Wardha. (29 -30 June 2018). Invited Lecture

### ***Subhasis Bhadra***

“Drug and Alcohol Addiction to Abuse: Prevention and Management” in Capacity Building programme on Drug Abuse Awareness and Prevention: From intoxication to Inspiration organised by the Central University of Rajasthan in Collaboration with National Institute of Social Defence, New Delhi. (28 March 2019). Invited lecture

“Civil society, Role, Challenges and Trends” in Community-Level Human Rights Defenders Leadership Training Program, Leadership Training Program organised by Department of Social Work in collaboration with Action Aid India. (13 December 2018). Invited lecture



“Elderly in Critical Circumstances (Disaster survivors, IDP, Refugee Population)” in National Workshop on Elderly Care-Active Aging in 21<sup>st</sup> Century: Challenges, Concerns and Opportunities across Multiple Stakeholders, organised by Department of Social Work in collaboration with National Institute of Social Defence, New Delhi. (27 September 2018). Invited lecture

“(Re) Defining Disability” in International Conference titled Moving beyond the Margin: The politics of Exclusion and Assimilation, Department of English, Central University of Rajasthan. (15 November 2018). Session Chaired

### **Shaizy Ahmed**

“Geriatric Care Issues and Perspectives: A Hands-on Experience Sharing” in National Workshop on Active Aging in 21<sup>st</sup> Century: Challenges, Concerns and Opportunities Across Multiple Stakeholders jointly organized by National Institute of Social Defence and CURAJ at Department of Social Work, Central University of Rajasthan. (27 - 28 September 2018). Invited Lecture

“National and International Framework on Human Rights” in the Community level Human Rights Defenders, Leadership Training Program at the Department of Social Work, Central University of Rajasthan. (12 - 14 December 2018). Invited Lecture

“Women’s Rights for University students sponsored” by NHRC and CURAJ. (25 - 26 February 2019). Session Coordinator.

### **Atiq Ahmed**

“Security and Protection of Human Rights Defenders in Field” in Community-Level Human Rights Defenders Leadership Training Program organized by Department of Social Work, CURAJ and Action Aid, Jaipur. (12 - 14 December 2018). Invited Lecture

“Clinical Intervention with Social Work Perspective” organized by the Clinical/ Medico Social Work Dept. St. John’s Medical College Hospital, Bangalore. (29 May 2018). Invited lecture

“Physical health issues and Remedies in Old Age” in the National Workshop: Active Ageing in 21<sup>st</sup> Century: Challenges, Concerns and Opportunities Across Multiple Stakeholders, Organized at Department of Social Work, Central University of Rajasthan, in collaboration with National Institute of Social Defence, New Delhi. (27 - 28 September 2018). Invited lecture

### **Rajeev MM**

“Civil Society, Role, Challenges and Trends” in Community-Level Human Rights Defenders’ Leadership Training Program, Leadership Training Program, organised by Department of Social Work, in collaboration with Action Aid India. (13 December 2018). Invited lecture

“Elderly in Critical Circumstances (Disaster survivors, IDP, Refugee Population)” in National Workshop on Elderly Care-Active Aging in 21<sup>st</sup> Century: Challenges, Concerns and Opportunities across Multiple Stakeholders, organised by Department of Social Work, in collaboration with National Institute of Social Defence, New Delhi. (27 September 2018). Invited lecture





### ***Dandub Palzor Negi***

“Human Rights and People- An Activity-Based Session” in Community-Level Human Rights Defenders’ Leadership Training Program, Leadership Training Program, organised by Department of Social Work, in collaboration with Action Aid India. (14 December 2018). Invited lecture

“Hands-on Experience Sharing” in National Workshop on Elderly Care-Active Aging in 21st Century: Challenges, Concerns and Opportunities across Multiple Stakeholders, organised by Department of Social Work, in collaboration with National Institute of Social Defence, New Delhi. (28 September 2018). Invited lecture

## **Department of Statistics**

### ***Arvind Pandey***

“Research Methodology and Biostatistics for Nursing Professionals” at Mai Khadija Institute of Nursing Sciences, Jodhpur. (10 -11 May 2019). Invited Lecture

### ***Jitendra Kumar***

“Sustainable Development Goals and Subsidy at National Statistics day 2019” organised by NSO (FOD) Ajmer. (June 29, 2019). Invited Lecture

“Quantification in Social Sciences: Sampling Methods: Non-probability Sampling” and “Quantification in Social Sciences: Sampling Methods: Probability Sampling” at National Interdisciplinary Workshop at Quantitative Methods in Social Sciences, Teaching Learning Centre (TLC), Central University of Rajasthan an initiative under Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMNMT). (27 May to 7 June 2019). Invited Lecture

“Regression and Correlation” at National Workshop on ‘Quantitative Techniques and Data Analysis’ organised by the Department of Geography, Sophia Girls College, Ajmer. (15-02-2109). Invited Lecture

“Measurement of Vital Events for Health professionals” on CBHI In-service training course on “Health Information Management” for Paramedian and Non-Medical Personals, CBHI, Jaipur. (21-25 January 2019). Invited Lecture

“Autoregressive Time-series Model with Possible Restructures” 32nd International Conference on Indo-Canadian Multidisciplinary Research: Trends and Prospects organized by Institute of Infrastructure, Technology, Research and Management (IITRAM) Ahmedabad, Gujarat, India. (28 - 29 December 2018). Invited Lecture

“Statistics for Health professionals” on CBHI In-service training course on “Health Information Management” for Medical Officers, CBHI, Jaipur. (06-10 August 2018). Invited Lecture

“Time series Modeling of Communicable and Non-communicable disease” on CBHI In-service training course on “Health Information Management” for Medical Officers, CBHI, Jaipur. (06-10 August 2018). Invited Lecture

“Measurement of Vital events” on CBHI In-service training course on “Health Information Management” for Medical Officers, CBHI, Jaipur. (06-10 August 2018). Invited Lecture



## CONFERENCE/ WORKSHOP/ SEMINAR PRESENTATION

### Department of Architecture

#### Neeraj Gupta

“Gender Mainstreaming in Urban Planning: An exploratory study of women’s perception on liveability in Keonjhar city, Odisha” in International Conference -FARU 2018 on Sustainability for people in Sri Lanka organized by the Faculty of Architecture, University of Moratuwa, Sri Lanka. Presented by Swagatika Mishra. (07 December 2018).

“Mainstreaming Street Bazaars in Spatial Planning: Study of Tribal Women’s Micro Enterprises in Keonjhar City, Odisha” in International Seminar on Sustainability in Planning, Architecture, Technology, and Engineering (SPATE 2019) held at Amity University, Jaipur. Presented by Swagatika Mishra. (31 January 2019).

“Rethinking Design of Learning Spaces in Higher Education Institutions International Seminar on Sustainability in Planning, Architecture, Technology, and Engineering” (SPATE 2019) held at Amity University, Jaipur. Presented by Neeraj Gupta. (31 January 2019).

### Department of Biotechnology

#### Dr. Suman Tapryal

“VI Rajasthan Science Congress: Innovation in Science and Technology for Sustainable Development” incapacity of organizing secretary at the Central University of Rajasthan. (13-15 October 2018).

“*In silico* Studies Investigating the Mechanism of anti-HSV-2 Activity of a Natural Biomolecule Isolated from Plant Terminalia chebula” at International Conference on “Translational Research in Life Sciences” organized under the aegis of CRIKC in Association with Stanford University School of Medicine, USA” at Punjab University, Chandigarh, (Received Best Oral Presentation Award at the conference). (5 - 7 July 2018).

“*In-silico* Studies Investigating the Anti Chikungunya and Dengue Activity of a Natural Biomolecule” at 14th Conference on Vectors and Vector-Borne Diseases (ICOV-14)” organized jointly by ICMR-Regional Medical Research Centre, Bhubaneswar and the National Academy of Vector-Borne Diseases (NAVBD). (9 - 11 January 2019).

### Department of Chemistry

#### Anuj K. Sharma

“Smart Multifunctional Systems for Metal-Amyloids Interaction and Imaging Applications” at National Conference on New Trends in Research and Education in Chemical Sciences. Regional Institute of Education, Ajmer. (25–27 October 2018). Oral Presentation

“Smart Multifunctional Systems for Metal-Amyloids Interaction and Imaging Applications” at 43rd International Conference of Coordination Chemistry. International Center, Sendai, Japan. (30 July–4 August 2018). Oral Presentation

**Chandrakanta Dash**

“New Bis-N-heterocyclic Carbene based Gold(I) Complexes: Synthesis, Characterization and Catalytic Application” at 23rd CRSI National Symposium in Chemistry. IISER Bhopal. (13–15 July 2018). Poster Presentation

**Thirumoorthi R.**

“Variable Temperature  $^{31}\text{P}$  NMR and Theoretical Study of Nickel Complexes of  $[\text{S}(\text{H})\text{C}(\text{PPh}_2)_2]^-$  at International conference on frontiers at the chemistry-allied sciences interface (FCASI). Rajasthan University, Jaipur. (21–22 December 2018). Oral Presentation

“Exploitation of Sulfur-Centred PCP Bridged Ligand for Tellurium and Nickel Complexes” at 1<sup>st</sup> International Symposium on Main-Group Molecules to Materials (MMM). Indian Institute of Science, Bangalore. (28–31 October 2018). Poster Presentation.

“Tautomerism in Group 15 Complexes of  $[\text{CHPPh}_2\text{NSiMe}_3)_2]^-$ ” at 24<sup>th</sup> CRSI National Symposium in Chemistry. CSIR-CLRI, Adyar, Chennai. (8–10 February 2019). Poster Presentation

**Anurag Prakash Sunda**

“Ionic Liquids and their Polymer Composite as Anhydrous Electrolytes and Ion Hopping in Protic Organic Ionic Plastic Crystals” at Theoretical Chemistry Symposium (TCS) 2019. BITS, Pilani. (13–16 February 2019). Poster Presentation

**Department of Culture and Media Studies****Nicholas Lakra**

“Eight days training course on Film Preservation and Restoration Workshop India 2018” organised by Film Heritage Foundation and the International Federation of Film Archives held in Kolkata, India. (15–22 November 2018).

**Pranta Pratik Patnaik**

“The Purity-Pollution Conundrum: Menstrual Body in Indian Culture and Media”. Presented at the National Seminar on Media, Women and Culture: The Indian Trijunction”, Mizoram University, Mizoram, India. (13 - 14 September 2018).

“Performing Marginal Identities: Body and Desire in Rituparno Ghosh’s Queer Trilogy”. Presented at the International Conference on Moving beyond the Margins: The Politics of Exclusion and Assimilation, Central University of Rajasthan, Rajasthan, India. (15 - 16 November 2018).

“Caste Appropriation and Resistance: Re-reading the Odia ‘*Lakshmi Purana*’ as a Radical Text”. Presented in a national conference on ‘Caste and Communication’ organized by Centre for Culture, Media and Governance, Jamia Millia Islamia, New Delhi in collaboration with All India Communication and Media Association, Delhi. (27 - 28 March 2019).

**Poonam Gaur**

“Impact of Mobile Technology on Consumption of Hindi Cinema in Rural Areas”. Presented at International Conference on “Indian Cinema and Alternate Networks”, Delhi Metropolitan Education Media School, Noida (U.P.), India. (17 November 2018).

**Saket Bharadwaj**

“Indian Media and Post-Truth Culture: An Analysis of Primetime Television News Debates on Nationalism and Religious Intolerance”. Presented at the International Conference on “Moving beyond the Margins: The Politics of Exclusion and Assimilation”, Central University of Rajasthan, Rajasthan, India. (15 - 16 November 2018).

**Department of Commerce****Neha Seth**

“FDP attended on Advance Data Analysis Techniques: SEM and Econometrics” Organised by Maharaja Agrasen Institute of Technology, New Delhi. (24–29 May 2019).

**Praveen Sahu**

“Measurement of Risk Return and Performance of Mutual Fund Schemes: An Investment Analysis” in International Seminar on Accounting Education and Research organized by Manipal University Jaipur and Indian Accounting Association, Jaipur. (24–29 May 2019).

“GST E-Way Bill-A way to digitalized Taxation Practices: Concept and Present Status” in International Seminar on Accounting Research organized by Manipal University Jaipur and Indian Accounting Association, Jaipur. (24–29 May 2019).

**Ruchita Verma**

“Effect of Merger and Acquisition on the Acquirer Banks’ Performance in the Indian Banking Sector” in the International Conference on Recent trends in Humanities, Education, Arts, Culture, Languages, Literature, Philosophy, Religion, Gender and Management Studies (HEALM-2019) organized by Krishi Sanskriti at Jawaharlal Nehru University, New-Delhi. (4 May 2019).

“Do Mergers & Acquisitions impact market concentration? Evidence from Indian Banking Industry” in the International Conference on Business and Management (ICBM-2019) organized by Delhi School of Management, Delhi Technical University. (29–30 March 2019).

“Merger and Acquisitions in the Indian Banking Sector: A DEA Window Approach” in the First PAN IIT International Management Conference-2018 organized by Department of Management Studies, Indian Institute of Technology (IIT) Roorkee. (30 November–02 December 2018).

“Demonetization as an aid to economic development: Evidence from selected countries” in the International Conference on Emerging Trends in Business Management organized by Pune Institute of Business Management, Pune. (10–11 August 2018).



***Sushila Soriya***

“Fair measurement of profitability and creation of share holders’ wealth: An evidence of non-life insurance industry in India” in 41<sup>st</sup> All India Accounting Conference and International Seminar on Accounting Education Research organized by Manipal University, Jaipur (5 - 6 January 2019).

“Corporate governance and its association with intellectual capital performance in S&P 200 companies” in HSB 11<sup>th</sup> Annual National Conference on Business and Management organized by Haryana School of Business, Guru Jambheshwar University of Science and Technology, Hisar. (7 - 8 February 2019).

“CSR as a new perspective towards inclusive development: Evidence from industries in Rajasthan” in National Conference on Emerging Trends in Management Education organized by Institute of Management Studies and Research MDU Rohtak. (26 March 2019).

***Sanjay Kumar Patel***

“Financial Empowerment of Women in SHGs in Rajasthan: An Empirical Evaluation” at National Seminar on “Role of Women Entrepreneurs in Socio-economic Development of India” at Bharti College, University of Delhi. (26 - 27 April 2019).

“Entrepreneurial Development and Financial Strengthening of Women: A Study of Select Indigenous Industry of Rajasthan” at National Seminar on Entrepreneurship Development: Policies and Strategies (NSEDPS-2019) organised by School of Commerce and Management, Gangadhar Meher University, Amruta Vihar, Sambalpur, Odisha. (15 - 16 March 2019).

“Measurement and Disclosure Practice of Carbon Emission and Environmental Accounting: A Taxation Perspective” at 41<sup>th</sup> All India Accounting Conference organized by Manipal University, Jaipur. (5 - 6 January 2019).

“Fair Measurement of Profitability and Creation of Shareholders Wealth: An Evidence of Non-Life Insurance Industry in India” at 41<sup>th</sup> All India Accounting Conference organized by Manipal University, Jaipur. (5 - 6 January 2019).

“Pattern of Bank Linkages of SHGs: A Comparative Study of Indian States and Union Territories” at International Seminar on Emerging Trends in Business Management organized by Pune Institute of Business Management, Pune. (10 - 11 August 2018).

**Department of Economics*****Hemlata Manglani***

“Empowering women through SHGs: Case Study of Mahendragarh District Haryana” Presented in absentia in 2<sup>nd</sup> International Conference on Recent Research and Innovations in Social Science, Humanities & Education (ICRRISHE-2018) at Indian Council of Social Science Research, North West Regional Center, Punjab University Campus, Chandigarh, India. (12 August 2018).

“Gravity Model of India’s Bilateral Trade with Selected SAARC Countries” presented in National Conference on Transformation of India: Opportunities and Challenges at S.S. Jain Subodh P.G. (Autonomous) College, Jaipur. (17 - 18 September 2018).



### **Pragati Jain**

“Groundwater Management Initiatives: A Case of Rajasthan” in National Conference on Building Uniqueness of Agriculture Sector for Sustainable Development at Kristu Jayanti College, Bengaluru. (5 February 2019).

“Innovation in Water Management: A Case of Rajasthan, in National Seminar on Rajasthan Vision 2030” Jaipuria Institute of Management. (12 January 2019).

“Developing Water Sufficient villages through Water Management” in National Conference organized on Transformation of India: Opportunities and Challenges at S.S. Jain Subodh P.G. College, Jaipur. (17 - 18 September 2018).

“Can Social Capital enhance Rural Livelihoods?” in International Conference on Contribution of Technical Education in Entrepreneurship and Agriculture at Shankara Group of Institutions, Jaipur. (4 September 2018).

### **Satyanarayana Murthy Dogga**

“Trade openness, Financial Development and Economic Growth in India: An Empirical Analysis” in the 55<sup>th</sup> Annual Conference of the Indian Econometric Society (TIES) combinedly organized by Mumbai School of Economics & Public Policy, University of Mumbai and Nation Institute of Securities Market (NISM) at the NISM Campus, Patalganga, Mumbai. (9 - 10 January 2019).

“10 Days refresher course on Capacity Building Program for Teachers of Higher Education Institutions” by Teaching Learning Centre, under the scheme of Pandit Madan Mohan Malaviya, National Mission on Teachers and Teaching, at Central University of Rajasthan. (9 -19 April 2019).

### **Hussain Kunroo**

“Workshop on Financial Time-Series Modeling in R (FinMode-2018)” at Institute of Technology Kanpur. (23 - 30 September 2018).

## **Department of Environmental Science**

### **L.K. Sharma**

“Geospatial Information System for Forest Fire Disaster Management” in the International Workshop on Extreme Severe Storms and Disaster Mitigation Strategies, Central University of Rajasthan, Bandarsindri. (24-26 December 2018).

## **Department of Education**

### **Anjali Sharma**

“ICSSR sponsored Two Day International Conference on Migration and Displacement: Global Perspectives on Issues and Challenges on Forced Displacement: Case Study of two relief camps situated in Chirang district, Assam” was organized by Behala College, Kolkata. (10 - 11 January 2019).



“Two Day International Seminar on Beyond the Margins: Politics of Exclusion and Assimilation on Internally Displaced Persons in Assam: Struggle for Recognition and Rehabilitation” organized by Department of English, Central University of Rajasthan, Ajmer. (15 - 16 November 2018).

“Ten Days Refresher Course on Capacity Building Program for Teachers of Higher Educational Institutions (HEIs)” organized by the Teaching Learning Centre [funded by MHRD under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST)], Central University of Rajasthan, Ajmer, Rajasthan, India. (9-19 April 2019).

“Two day’s workshop on UGC Quality Mandates on HEI’s” organized by The Teaching Learning Centre, funded by MHRD under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST)] at Central University of Rajasthan, Ajmer, Rajasthan, India. (9-10 September 2018).

### **Narendra Kumar**

“Quantitative & Qualitative Data Analysis in educational Research” in the Multi-Disciplinary National Seminar on “Research in Higher Education: Status, Issues and Solutions” organized by King George’s Medical University in association with Department of Public Administration, University of Lucknow and Association of Research Professionals, Lucknow. (16 September 2018).

“Research Ethics for Researchers and Institutions leading to Quality Research in Social Sciences” in MHRD Sponsored International Conference under PMMMNMST scheme on “Changing Paradigms in Interdisciplinary Research in Higher Education across the Globe and its relevance in Teacher Education organized by University School of Education, G.G.S. Indraprastha University New Delhi. (22-24 January 2019).

“Locating Gandhian Thoughts of Basic Education in Contemporary Education System of India” in the National Conference on “Locating Gandhian Philosophy of Life and Education in 21<sup>st</sup> Century” organized by Bhavan’s Leelavati Munshi College of Education, New Delhi. (29 March 2019).

“New Education Policy and Teacher’s Education” in ICSSR Sponsored National Conference on “Locating Gandhian Philosophy of New Education Policy-2016: Vision, Mission & Objectives” organized by M. M. H. College Ghaziabad. (30-31 March 2019).

“Ten Days Refresher Course on Capacity Building Program for Teachers of Higher Educational Institutions (HEIs)” organized by the Teaching Learning Centre [funded by MHRD under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST)], Central University of Rajasthan, Ajmer, Rajasthan, India. (9-19 April 2019).

### **Gobind Singh**

“Two day’s workshop on UGC Quality Mandates on HEI’s” organized by The Teaching Learning Centre funded by MHRD under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST), at Central University of Rajasthan, Ajmer, Rajasthan, India. (09-10 September 2018).

“One Week workshop on Professional Development and Capacity Building of Teachers of Higher Education Institutions” organized by The Teaching Learning Centre, funded by MHRD under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST), at Central University of Haryana, Jant-Pauli, Mahendergarh, India. (11-18 March 2019).



## Department of English

### Supriya Agarwal

“Locating Children with Disabilities in the Cultural Spaces of Select Contemporary Indian Fiction” in International Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation, organized by the Central University of Rajasthan. (15 - 16 November 2018).

“Festival of Letters: My Creation, My World”, in National Seminar Purvottari, organized by Sahitya Akademi, Delhi. (30 January 2019).

“Workshop on Developing Critical Thinking” at Tirthankar Mahaveer University, Moradabad (for MBA students). (15 - 16 April 2019).

### Bhumika Sharma

“Bards of the Desert: The Harmonious Notes of Manganiyars and Langas” presented in an International Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation, organized by the Central University of Rajasthan. (15 - 16 November 2018).

“Past Philosophies and Future Worlds: Lessing’s The Marriages between Zone’s Three, Four and Five”. Presented at an International Conference on “Contemplating the Past, Capturing the Present, Creating the Future” organized by St. Xavier’s College, Jaipur. (18 - 19 December 2018).

“Veneration, Validation, Vacillation: Tracing Colonial Presume in Select Indian English Novels”. Presented at a National Conference on “Embracing the Other: Exploring New Literatures”, organized by Smt Kesari Devi Lohia Government Girls College, Ratangarh. (22 - 23 December 2018).

### Neha Arora

“Tawaif: Distorted Facts, Silenced Stories”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15 - 16 November 2018).

“Reading Dalit Culture of Punjab in Madhopuri’s *Changiya Rukh*”. Presented at an International Conference on “Interdisciplinary Studies of Literature and Culture” organized by Andhra University. (14 - 16 March 2019).

### Devendra Rankawat

“Reversing Hierarchies: The Need for a Return to Humanistic Values”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation” organized by the Central University of Rajasthan. (15 - 16 November 2018).

“Ideological Watermark of Gandhi in Anti-colonial Writings”. Presented at a National Conference on “Gandhi in Indian English Literature”, organized by M V Shramjeevi College, Udaipur. (22 - 23 January 2019).

### Vedprakash

“Making Films, Breaking Stereotypes: Representing the Voices of Women through Village Rockstars”. Presented at an International Conference on “Women and Development” organized by Union Christian College, in collaboration with P.A. Sangma Foundation, Meghalaya. (26 - 28 July 2018).





“Art and Resistance: A Close Reading of Graffiti in Afghanistan”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15 - 16 November 2018).

“Locating Present through Past: Examining the Domain of ‘Life’ through Select Life-Writing”. Presented at an International Conference on “Contemplating the Past, Capturing the Present, Creating the Future”, organized by St. Xavier’s College, Jaipur. (18 - 19 December 2018).

“Clicking Photographs, Creating Fiction: Discussing Steve McCurry’s Photographs and the Phenomenon of Post-Truth”. Presented at an International Conference on “Literature, Culture, and Society in the Age of Post-Truth”, organized by IACLALS & Pondicherry University. (6 - 8 February 2019).

“Singing the Songs of Sorrow: Examining the Discourse of protest through Imphal Talkies”. Presented at a National Conference on “Identity and Diversity within Boundaries and Margins: Exploring Literature & Culture from India’s North East”, organized by Centre for North East Studies and Policy Research, Jamia Millia Islamia. (13 - 14 March 2019).

“Performing Gender, Inviting Abhorrence: A Study of Suffering and Violence through Hijras of Kashmir”. Presented at an International Conference on “Third Ireland India Institute Conference on South Asia”, organized by Ireland India Institute, Dublin City University. (24 - 26 April 2019).

## **Department of Management**

### ***Maithili R.P. Singh***

“Role of Demographic Variables on the Consumer Buying Decision for Purchasing Life Insurance Products” in International Conference on Management, Business & Economy (ICMBE) at Department of Management Studies, Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, India. 20 April 2019.

“An Empirical Study of Marketing Mix, Customer Satisfaction and Customer Loyalty in context of Indian Telecom sector” in ‘HSB 11th Annual National Conference on Business and Management’ at HSB, Guru Jambheshwar University of Science and Technology Hisar, India. (7-8 February 2019)

“Life Insurance: Major Pillar of Financial Inclusion of the Consumers of J&K” in National Seminar on Management ‘Understanding of Financial Statements’ at Department of Management Studies, Vivekananda Global University Jaipur, India. (29 January 2019).

### ***Sanjay Kumar Garg***

“Do Demographic variables significantly influences housing choices of Homeowners in later life: Evidence from India” in 3<sup>rd</sup> International Conference on Financial market & Corporate Finance, IIT, Kanpur. (12 - 14 July 2018).

“Achieving Excellence through lessons from Indian Ethos & value System” in International Conference on Professional Ethics & Human value at Universities of European Unions, NIAM Jaipur & BTU Bikaner. (5 September 2018).

“Fostering Entrepreneurship through technical education & Skill Development” in International Conference on the contribution of technical education in entrepreneurship & agriculture, Universities of European Unions, NIAM Jaipur & RTU Kota. (4 September 2018).



## Department of Microbiology

### *Akhil Agrawal*

“Teaching-Learning and Evaluation for faculty Members of HEIs” at Teaching and Learning Centre Central University of Rajasthan. (15 - 24 December 2018).

## Department of Pharmacy

### *Devesh M. Sawant*

“Development of new multicomponent reactions driven by azideisocyanide denitrogenative coupling reactions” in 23rd CRSI National Symposium in Chemistry organized by IISER, Bhopal. (13 -15 July 2018).

“Transition metal-catalyzed C-H functionalization and multicomponent reactions for the construction of bioactive heterocycles” in 22nd CRSI National Symposium in Chemistry organized by Pt. Ravishankar Shukla University, Raipur. (2 - 4 February 2018).

### *Umesh Gupta*

“3rd International Conference on Academic and Industrial Innovations: Transitions in Pharmaceutical, Medical and Biosciences” organized by Innovare Academics Sciences at Kala Academy, Goa, India. (22 - 23 October 2018).

### *Kaisar Raza*

“NANOBIOTECK-2018, 3<sup>rd</sup> Annual Conference of Indian Society of Nanomedicine, AIIMS, New Delhi. (24 - 27 October 2019).

“6<sup>th</sup> World Congress on Nanomedical Sciences-ISNSCON-2018 at Vigyan Bhawan, New Delhi. (7 - 9 January 2019).

## Department of Physics

### *Manish Dev Shrimali*

“DST-SERB School Nonlinear Dynamics” GNDU Amritsar. (26–30 November 2018).

“New Science of Network” Department of Physics, Central University of Rajasthan. (25 October 2018).

“Workshop on Complex Networks (DCS 2018), International Centre for Theoretical Sciences (ICTS), Bangalore. (26 -30 June 2018).

“Complex Systems in Interdisciplinary Sciences” Jamia Millia Islamia, New Delhi. (11 March 2019).

### *Ajit K. Patra*

“Four weeks of Induction Training program, CURAJ. (27 May - 22 June 2019).



“Ten days Refresher Course on Capacity Building Program for Teachers of Higher Educational Institutions (HEIs) CURAJ. (9 -19 April 2019).

“Three-Day Workshop on Effective Teaching/Learning Methods For Science Teachers of Schools, CURAJ. (7 - 9 February 2019).

“Ten Days Workshop on Teaching-Learning & Evaluation for faculty members of HEIs” CURAJ. (15 - 24 December 2018).

“Indus Synchrotrons User’s Meeting (ISUM) held at UGC-DAE CSR, Indore. (27 - 29 March 2019).

“Soft magnetic materials for magnetic refrigeration” an International Conference, Jaipur. (9 - 14 December 2018).

### **Brijesh Kumar Singh**

“Structure Optical beams and their applications in high-resolution optical trapping” Physics Department, IISER Mohali. (01 Jan 2019).

“Structured super-oscillation optical beams: spot size beyond the diffraction limit and stiff optical traps” Physics Department, IIT Ropar. (16 Jan 2019).

### **Rakesh Kumar**

“Refresher Course in Statistical Physics” Department of Physics, Sir P T Sarvajanik College of Science, Surat. (10- 22 June 2019).

### **Sukmander Singh**

“33<sup>rd</sup> National Symposium on Plasma Science & Technology (PLASMA-2018)” held at, In Association with Plasma Science Society of India, Department of Physics and Astrophysics, University of Delhi. (10 - 12 December 2018).

“Refresher Course of Indian academy of Science Bangalore in Statistical Physics” Sir P T Sarvajanik College of Science, Surat. (10 - 22 June 2019).

## **Department of Public Policy Law and Governance**

### **S.N. Ambedkar**

“Leadership in Higher Education (Specialized Course)” a workshop at National Institute of Educational Planning and Administration, Sri Aurobindo Marg, New Delhi. (7 - 11 January 2019).

## **Department of Social Work**

### **Subhasis Bhadra**

“Assessing the Violation of Right to Education in the Context of Indigenous Understanding of Child Right.” At “National Conference on Indigenous Social Work: Challenges, Responses and Way forward” organized by Department of Social Work, Jamia Millia Islamia, New Delhi. (16 - 17 November 2018)



“Diaries of Worst Survivors of Disasters” at International Conference titled “Moving Beyond the Margin: The politics of Exclusion and Assimilation”, organised by Department of English, Central University of Rajasthan. (15- 16 November 2018)

“Mental Health within Public Health in Emergencies and Marginalization of Vulnerable Groups during Disasters: Developmental Challenges in India” at “The First National Seminar on Healthcare and National Development” organised by Rojavanam Paramedical College, Nagercoil, Kanyakumari, Tamilnadu. (30 April and 1 May 2019).

“Border Infiltration and its impact on Child Rights: A Study in the State of Jammu and Kashmir” at VIth Rajasthan Science Congress”, on Innovation in Science and Technology for Sustainable Development, organised by the Central University of Rajasthan. (13 - 15 October 2018).

### ***Shaizy Ahmed***

“Health Vulnerabilities amongst Particularly Vulnerable Tribal Groups: A Case study of Rajasthan” in International Conference on Moving Beyond the Margin: The Politics of Exclusion and Assimilation at Department of English, Central University of Rajasthan. (15 - 16 November 2018).

“Reflections on Child Rearing Practices in Indian Families” at Indian Institute of Advanced Study, Shimla, H.P. (21 November 2018).

### ***Atiq Ahmed***

“Preparedness of the Govt. School Teachers towards mainstreaming the Children With Special Needs With Special Reference to Ajmer District of Rajasthan, India” paper presented in three days International Conference on Reflecting on Successes and Barriers in Implementing Inclusive Education for Children with Special Needs in India. Organized by CSEIP, Pondicherry University. (28 - 30 March 2019).

“Issues of Primary Health Care in the context of Rajasthan’ International Colloquium on Primary Health Care in India–Practices and Challenges” organized by Department of Social Work, Central University of Rajasthan. (12 January 2018).

### ***Rajeev MM***

“Disaster Preparedness: A comparative study of China and India presented in the International Conference on Engaging Rising China: Strategic Options for Emerging India” organized by Mahatma Gandhi University, Kottayam, Kerala. (15 - 16 March 2019).

“Disaster Management in Kerala- Admonition from Recent Flood Disaster in Kerala presented in Rajasthan Science Congress at the Central University of Rajasthan. (12 - 14 October 2018).

### ***Dandub Palzor Negi***

“Environmental Protection in Drought Affected Areas of Rural Rajasthan- A Community Engagement Perspectives” at National Seminar on “Environmental Protection and Social Work Profession” Organised by Department of Social Work Jain Vishwa Bharti Institute, Ladnun Rajasthan. (9–10 March 2019).





## Department of Statistics

### *Jitendra Kumar*

“Modeling of Indian Banking System Under Big Data Framework, National Conference on Recent Advancements in Statistics, Mathematics & Computation (RASMC) 2019” Organised by Department of Statistics, Rajasthan University. (15–17 March 2019).

“Time Series Modeling of Merger Series: A case Study of Mobile Banking, 2<sup>nd</sup> National conference on Statistics for Humanities and Social Sciences” organized by Department of Lifelong Learning, University of Rajasthan and Rajasthan Statistical Association, Jaipur, Rajasthan. (04–05 September 2018).

### *Deepesh Bhati*

“Test procedure to identify super heavy v/s heavy tails” at National Seminar on Statistical Modeling and Applications (NSSMA-2018). Department of Statistics, Shivaji University, Kolhapur. (23 - 24 February 2018).

### *Sanjay Kumar*

“Exponentiated modified Weibull Extension-Poisson distribution: model, properties and applications” in VI Rajasthan Science Congress organized by the Central University of Rajasthan, Bandarsindri, Ajmer, Rajasthan. (13–15 October 2018).

### *Mahendra Saha*

“VI Rajasthan Science Congress on Innovation in Science and Technology for sustainable development” Central University of Rajasthan. (13–15 October 2018).

“2nd National Conference on Statistics for Humanities and Social Sciences: Statistics for the Better Future” University of Rajasthan. (4–5 September 2018).

### *Abhimanyu Singh Yadav*

“Power Maxwell Distribution: Statistical Properties, Estimation and Applications” in the conference on Emerging Methodologies in Theoretical and Applied Statistics Organized by Department of Statistics, BHU, Varanasi. (18–20 September 2018).

“A new heavy-tailed distribution and its application” in VI Rajasthan Science Congress on Innovation in Science and Technology for Sustainable Development, Organized by Central University of Rajasthan, Kishangarh, Ajmer, Rajasthan. (13–15 October 2018).

“Bayesian Estimation of  $R=P[Y<X]$  Using Hybrid Type-II Censored Data” in National Conference on Statistics for Humanities and Social Sciences: Recent Trends and Advancement, organized by Rajasthan Statistical Association & Department of lifelong learning University of Rajasthan, Jaipur. (15–16 January 2018).

“YOGA training program” organized by Teaching Learning Center, Central University of Rajasthan. (14 May 2018).



## Department of Yoga

### *Chobe Shivaji*

“Molecular Basis of Infectious Diseases and Therapeutics” an International Conference organized by Central University of Rajasthan Ajmer, India. (8-10 March 2019).

### *Meenakshi*

“Yoga Accreditation” one day conference organized by National Assessment and Accreditation Council (NAAC) and Swami Vivekananda Yoga Anusandhans Samsthana (S-VYASA) Yoga University at S-VYASA, Prashanti Kuteeram (University Campus), Bengaluru, India. (6 March 2019).

### *Aradhana Vyas*

“Vaiyakarannaye Shaktiswaroopan” on National Seminar at Rashtriya Sanskrit Sansthan Jaipur. (19 February 2019).

## STUDENT'S ORAL AND POSTER PRESENTATIONS

### Department of Architecture

**Mishra, S.**, “Perception Analysis” presented a seminar for M.Arch. Students, Department of Architecture, Central University of Rajasthan. (17 October 2018).

### Department of Biotechnology

**Kumar S.**, “Cloning, expression and purification of Chikungunya-immunoglobulin chimeric vaccine constructs in *E. coli*” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Kumar S.**, “*In vitro* refolding and multimerization study of recombinant Chikungunya E2 glycoprotein-immunoglobulin vaccine construct” at International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT-2019) organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (08 - 10 March 2019).

**Singh V.K.**, “Cloning and expression of glycoprotein-immunoglobulin chimeric subunit vaccine candidates against Herpes Simplex Virus 2” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Singh V.K.**, “Enhanced *in vitro* refolding and oligomerization of recombinant HSV-2 glycoprotein D expressed in *E. coli*” at International Conference on Molecular Basis of Diseases and Therapeutics (ICMBDT-2019) organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (8 - 10 March 2019).

**Arya G.**, Nimesh S. “Green synthesis of antimicrobial silver nanoparticles and their versatile applications” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019) organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (08 - 10 March 2019).



**Arya G.**, Nimesh S. “Polymeric nanoparticles assisted delivery of siRNA for targeted gene silencing against hypercholesterolemia” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Kumari R.M.**, Nimesh S. “Polymeric nanoparticles assisted delivery of therapeutic molecules for the treatment of cancer” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019) organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (08 - 10 March 2019).

**Kumari R.M.**, Nimesh S. “Efficacy of chitosan/siRNA nanoparticles for the treatment of Breast cancer” at Rajasthan Conclave-6 organized by Desert Medicine Research Centre (DMRC), Jodhpur. (20 - 22 October 2018).

**Kumari R.M.**, Nimesh S. “Nanoparticles assisted gene silencing for the treatment of Breast cancer” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Kumari R.M.**, Gupta N., Chandra N., Nimesh S., “Chitosan/siRNA nanoparticles: An efficient approach for breast cancer treatment” at 6<sup>th</sup> World Congress on Nanomedical Sciences (ISNSCON-2018) & Chemistry Biology Interface: Synergistic New Frontiers (CBISNF 2019), Vigyan Bhawan, New Delhi, India. (07-09 January 2019).

**Sharma N.**, Nimesh S. “Poly (lactic-co-glycolic acid) nanoparticle-based drug delivery system for the treatment of cancer” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019) organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (08 - 10 March 2019).

**Sharma N.**, Nimesh S., “Poly(lactic-co-glycolic) acid nanoparticle mediated delivery of therapeutic molecules as an alternative approach to cancer” at Rajasthan Conclave-6 organized by Desert Medicine Research Centre (DMRC), Jodhpur. (20 - 22 October 2018).

**Sharma N.**, Nimesh S. “Polymeric nanoparticle-based strategies for the treatment of Cancer” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Sharma N.**, Gupta N., Chandra R., Manchanda R., Nimesh S., “Polymeric Nanocarrier Assisted Drug Delivery for the Treatment of Cancer”, at 6<sup>th</sup> World Congress on Nanomedical Sciences (ISNSCON-2018) & Chemistry Biology Interface: Synergistic New Frontiers (CBISNF 2019), Vigyan Bhawan, New Delhi, India. (07-09 January 2019).

**Gour S.**, Yadav J.K. “Antimicrobial Peptides having Intrinsic Aggregation Potential form Stable and Active Amyloid like structure” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Gour S.**, Yadav J.K. “Role of Disulfide Bonds in Peptide Aggregation and Amyloid Formation: A Study on Antimicrobial Peptide Protegrin-4” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019) organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (08 - 10 March 2019).

**Kumar V.**, Yadav J.K. “Demonstrating the effect of semen amyloids on sperm health: implication of amyloids in determining sperm quality” Delivered oral talk on at international conference on Life Science Research & Interface with Engineering and Allied Sciences at BITS Pilani, India. (01-03 November 2018).

**Kumar V.**, Yadav J.K. “Phosphatidylcholine induced inhibition of PAP248-286 fibrillation: greasy trap for misfolded assemblies” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).



**Kasera H.**, Meghwanshi K.K., Shulka J.N., “Fishing out the sex-determining genes of *Callosobruchus maculatus*” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019) organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (08 - 10 March 2019).

## Department of Chemistry

**Rana, M.**, “Azo-benzothiazole Hybrid molecules as Metal Chelators and Amyloid Inhibitory agents”, 23rd CRSI National Symposium in Chemistry, IISER Bhopal. (13–15 July 2018).

**Mnivannan, G.**, “Smart Metal Chelators For MRI Contrast Agents”, 23rd National Symposium in Chemistry, IISER Bhopal. (13–15 July 2018).

**Yadav, S.**, “New Pd-PEPPSI Pre-catalyst for One-Pot Tandem Heck Alkynylation and direct arylation of benzothiazole”, 23rd CRSI-National Symposium in Chemistry, IISER Bhopal. (13 - 15 July 2018).

**Yadav, S.**, “New Water Soluble-heterocyclic carbene Ruthenium (II) Complexes: Synthesis and Catalytic Application”, 24th ISCB International Conference (ISCBC-2018), Manipal University, Jaipur. (11 - 13 January 2018).

**Jain, S.**, “Synthesis, characterization and BSA binding studies of N,N,N-donor terpyridine based copper(II) complexes”, 7th EuCheMS Conference on Nitrogen Ligands, Lisbon, Portugal. (04 - 07 September 2018).

**Jain, S.**, “DNA/BSA binding studies of heteroleptic trimethoxy terpyridine based copper(II) complexes”, VI Rajasthan Science Congress, CURAJ, Ajmer. (13 - 15 October 2018).

**Badgurjar, D.**, “Sequential Photo-induced Energy Transfer followed by Electron Transfer in Benzthiazole-BODIPY-Zinc porphyrin-Fullerene Donor-Acceptor Tetrad: An Efficient Model for Artificial Photosynthesis”, 3rd International Conference on Proton Coupled Electron Transfer (PCET 2018), Blowing Rock, North Carolina, USA. (10–14 June 2018).

**Khan, T.A.**, “Design and synthesis of bio-inspired ruthenium (II) arene complexes: DNA and BSA interaction studies”, 23rd CRSI National Symposium in Chemistry (CRSI NSC-23), IISER Bhopal. (13–15 July 2018).

**Khan, T.A.**, “Synthesis, characterization, DNA and BSA interaction studies of bio-inspired ruthenium(II) arene halido complexes”, 6th Rajasthan Science Congress (RSC), organized by Central University of Rajasthan, Ajmer, India. (13–15 October 2018).

**Khan, T.A.**, “Bio-inspired ruthenium(II) arene halido complexes: synthesis, characterization, DNA and BSA interaction studies”, National Conference on Advances in Science & Technology - an Interdisciplinary Approach (ASTIA), Sophia Girls' College (Autonomous), Ajmer, India. (15–16 October 2018).

**Khan, T.A.**, “Bio-inspired ruthenium(II) arene complexes: Design, synthesis and investigation of DNA and BSA interactions” in National Conference on Innovations and Technology for Rural India (ITRI), MRS of India (Delhi Chapter) and OSIR, Agra, India. (15–16 November 2018).

**Yadav, S.**, “Transition Metal based Catalysis is a Magical Power for Sustainable Development”, 6th Rajasthan Science Congress (RSC), Central University of Rajasthan, Ajmer, India. (13–15 October 2018).

**Yadav, S.**, “Well-Defined Palladium(II) Catalysts for Cross-Coupling Reaction and C-H bond Arylation of Benzothiazole”, XIV J-NOST, CSIR-IICT Hyderabad. (28 Nov.–01 Dec. 2018).





**Yadav, M.,** “Transition-Metal-Free Synthesis of 9-Arylfluorenes from Dibenzothiophene dioxides and Arylacetonitriles by Tandem SNAr-Decyanation-Based Arylation”, International Conference on Frontiers at the Chemistry-Allied Sciences Interface (FCASI), Rajasthan University- Jaipur. (21–22 December 2018).

**Khan, T.A.,** “Bio-inspired ruthenium(II) arene complexes: Synthesis, characterization and evaluation of their anticancer properties”, 257th ACS Meeting & Exposition (Spring 2019) on Chemistry for New Frontiers, Orlando, Florida, USA. (31 March–04 April 2019).

**Yadav, S.,** “Bis-N-heterocyclic Carbene based Gold (I) catalyst: Synthesis and Catalytic Application in Hydrohydrazidation of Terminal Alkynes”, International Conference on “Recent Developments in Chemical Research” 2019, IIS University, Jaipur. (01 - 02 February 2019)

**Yadav, S.,** “Well- Defined Copper(II) and Zinc(II) Complexes as Catalysts for Click Azide-Alkyne Cycloaddition Reaction in Water”, IC-CBSDD-2019, Berhampur University, Odisha. (08–10 March 2019).

### Department of Data Science and Analytics

**Aloria, N.,** “A Hybrid Technique for detecting credit card fraud” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Singh, A.,** “Large scale video classification” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Dubey, G.,** “Analysis of Customer Deviating Behavior for Banks on basis of satisfaction” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Agarwal, S.,** “Abstractive text summarization using Deep Learning on Spark framework” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

**Tyagi, S., and Mishra, S.,** “Dialect recognition and STT” at VI Rajasthan Science Congress-2018 organized by Central University of Rajasthan, Ajmer. (13 - 15 October 2018).

### Department of Economics

**Kumari, L.,** “Empowering women through SHGs: Case Study of Mahendragarh District Haryana” Presented in absentia in 2<sup>nd</sup> International Conference on Recent Research and Innovations in Social Science, Humanities & Education (ICRRISHE-2018) at Indian Council of Social Science Research, North West Regional Center, Punjab University Campus, Chandigarh, India. (12 August 2018).

**Sachdeva, P. and Shrimali, S.,** “Self-sustained rural economy-Modeling ppcp in Rajasthan” in National Conference on building uniqueness of agriculture sector for sustainable development, Bangalore. (05 February 2019).

**Sachdeva, P. and Shrimali, S.,** “Employment Generation Model-An Alternative Approach for employment, Growth and Development” International Conference on Finance and Applied Economics at Marathwada Mitra Mandal's Institute of Management Education Research & Training, Pune. (15 - 17 Feb 2019).



## Department of English

**Balveer**, “A Note on Cultural-Linguistic Resistance in Vijaydan Detha”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Bhaduri I.**, “De-establishing Stereotypes, Establishing Gender Sensitisation: A Study of Select Indian Advertisements”. Presented at a National Conference on “Rajasthan Science Congress-Humanities & Social Science Session”, organized by the Central University of Rajasthan. (13-15 October, 2018).

**Bhaduri I.**, “Locating Trauma in Visual Narratives of Erika Berg’s *Forced to Flee: Visual Stories by Refugee Youth from Burma*”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Bhaduri I.**, “Silenced Histories: A Reading of Zoya Phan’s Memoir *Little Daughter*”. Presented at an International Conference on “Interdisciplinary Studies of Literature and Culture”, organized by Andhra University. (14-16 March, 2019).

**Sucheta**, “Male gaze and Sexual Objectification of Women in Bollywood Item Numbers”. Presented at a National Conference on “Rajasthan Science Congress-Humanities & Social Science Session”, organized by the Central University of Rajasthan. (13-15 October, 2018).

**Sucheta**, “The Color Black: Exclusion of a Particular Section of Human Race”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Sucheta**, “African Women (Re)Setting the Beauty Scale with the Colour Black”. Presented at an International Conference on “Interdisciplinary Studies of Literature and Culture”, organized by Andhra University. (14-16 March, 2019).

**Rathore S.**, “Mapping the Challenges of the mothers of Children with Disabilities in Select Indian Fiction”. Presented at a National Conference on “Disability/gender and Violence: Issues and Challenges”, organized by Centre for Women’s Development Studies and supported by Women’s Fund Asia, at India Islamic Cultural Center, New Delhi. (25-26 February, 2019).

**Rathore S.** “Narratives of Exclusion of Children with Disabilities in Indian Cultural Spaces: Study of Select Contemporary Indian Fiction”. Presented at the Sixth Northern Regional Social Science Congress on “Intellectual History and/changing Realities: India in 21<sup>st</sup> Century”, organized by Northern Regional Centre, Indian Council of Social Science Research, New Delhi and Janardan Rai Nagar Rajasthan Vidyapeeth, Udaipur. (18-20 January, 2019).

**Rathore S.** “Locating Children with Disabilities in the Cultural Spaces Select Contemporary Indian Fiction”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Padma T.**, “Cultural Crises as a Concealed Precondition for the Liberation of a Vulnerable Minority Culture”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).



**Kumar R.**, “Bards of the Desert: The Harmonious Notes of Manganiyars and Langas”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Chowdhary, S.L.**, “Bhasha, Bhakti, and Folk: Towards an Alternative Approach”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Goswami, A.**, “Voices from the Edge under the Matrix of Exclusion and Assimilation”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Bhuyan, K.N.**, “Marginalization vs Emancipation: The (New) Woman Question in Royina Grewal’s *In Rajasthan: A Travelogue*”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Singh, A.D.**, “Encrypting and Decrypting Racial Stereotypes in Contemporary Video Games”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Sheikh, S.M.**, “Cost of Living in a Predominantly White society: A Note on Second Class Citizen”. Presented at an International Conference on “Moving Beyond the Margin: The Politics of Exclusion and Assimilation”, organized by the Central University of Rajasthan. (15-16 November, 2018).

**Sheikh, S.M.**, “Gandhi in Bhabani Bhattacharya’s *So Many Hungers*”. Presented at a National Conference on “Gandhi in Indian English Literature”, organized by M V Shramjeevi College, Udaipur. (22-23 January, 2019).

## Department of Commerce

**Soni, A.**, “Gender Development in India—A View of Human Development Indices and Gender Development Indices” at International Conference on “Empowering Women: Fostering Entrepreneurship, Innovation and Sustainability”, organized by Indian International Centre, SRCC and Niti Ayog, New Delhi. (16 - 17 July 2018).

**Soni, A.**, “Pattern of Bank Linkages of SHGs: A Comparative Study of Indian States and Union Territories” at International Conference on “Emerging Trends in Business Management”, conducted at Pune Institute of Business Management, Pune. (10 - 11 August 2018).

**Soni, A.**, “Auditing Process of Computerized Accounting and Fraud Detection: A Conceptual Framework” at 41<sup>st</sup> All India Accounting Conference held at School of Business and Commerce, Manipal University, Jaipur. (05 - 06 May 2019).

**Soni, A.**, “Entrepreneurial Development and Financial Strengthening of Women: A Study of Select Indigenous Industry of Rajasthan” at National Seminar on Entrepreneurship Development: Policies and Strategies (NSEDPS-2019) organised by School of Commerce and Management, Gangadhar Meher University, Amruta Vihar, Sambalpur, Odisha. (15 - 16 March 2019).

**Soni, A.**, “Women’s Participation in SHGs and Financial Empowerment: An Empirical Investigation in Rajasthan”, at 39<sup>th</sup> Annual Conference on Globalisation and Governance: Socio-economic Perspectives organised by Department of Economics Manipal University, Jaipur. (30 - 31 March 2019).



**Soni, A.,** “Financial Empowerment of Women in SHGs in Rajasthan: An Empirical Evaluation” at National Seminar on “Role of Women Entrepreneurs in Socio-economic Development of India” at Bharti College, University of Delhi. (26 - 27 April 2019).

**Meena, A.K.,** “Pattern of Bank Linkages of SHGs: A Comparative Study of Indian States and Union Territories” and presented at International Conference on “Emerging Trends in Business Management”, conducted at Pune Institute of Business Management, Pune. (10 - 11 August 2018).

**Meena, A.K.,** “Auditing Process of Computerized Accounting and Fraud Detection: A Conceptual Framework” at 41<sup>st</sup> All India Accounting Conference held at School of Business and Commerce, Manipal University, Jaipur. (05 -06 January 2019).

**Meena, A.K.,** “CSR As a New Perspective Towards Inclusive Development: Evidence from Industries in Rajasthan” at National Conference on Emerging Trends in Management Education, organised by Institute of Management Studies and Research, Maharshi Dayanand University, Rohtak, Haryana. (26 March 2019).

**Meena, A.K.,** “Short Run Performance of Initial Public Offerings in the National Stock Exchange” at International Conference on “Commerce, Management, Economics & Social Sciences” organised by Coordinator, PG Studies & Research Studies at Dayalbagh Educational Institute, Dayalbagh, Agra. (17 April 2019).

**Rathore, J.S.,** “Demonetization as an Aid to Economic Development: Evidence from Selected Countries” at International Conference on Emerging Trends in Business Management; organised by Institute of Business Management, Pune. (10 - 11 August 2018).

**Rathore, J.S.,** “M&As in the Indian Banking Sector: A DEA Window Approach” at the First Pan IIT International Management Conference held at IIT, Roorkee. (30 Nov.–02 Dec. 2018).

**Rathore, J.S.,** “Do M&As impact Market Concentration? Evidence from the Indian Banking Industry”, at the International Conference on Business & Management held at Delhi School of Management, Delhi Technological University, Delhi. (29 - 30 March 2019).

**Rathore, J.S.,** “Econometric Tools for Business Research” in seven days National Level Workshop organized by Department of Management Studies, Pondicherry University. (03 - 09 January 2019).

**Hansa.,** “Sustainable Taxation Policy and GSTN” in Sustainable Management Practices: Trends, Issues & Challenges’ by the Central University of Punjab, Bhatinda. (01 -02 November 2018).

**Hansa.,** “Study on Impact of GST on Indian Textile Sector” in a conference on Data Analytics and Business Research Dimension organized by Department of Management, North-East Hill University (NEHU). (10 - 11 August 2018).

**Hansa.,** “National Workshop on Advanced Data Analytics and Business Research Dimension” organized by Department of Management, North-East Hill University (NEHU), Shillong. (03 - 09 August 2018).

**Yadav, P.,** “E-Commerce and Consumer Rights: Applicability of Consumer Protection Laws in Online Trading in India” in the National Seminar on ‘Consumer Protection in E-Commerce and Digital Era: Issues and Challenges’ organized by Department of Law, Central University of Haryana. (17 -18 September 2018).





**Yadav, P.**, “Impact of IFRS Convergence on Industrial Performance: A Case Study of Wipro Ltd.” in the National Seminar on Innovative issues in Management and Information Technology, organized by Department of Business Administration, MLSU, Udaipur. (30 October 2018).

**Yadav, P.**, “Measurement of Risk Return and Performance of Mutual Funds Schemes: An Investment Analysis” in All India Accounting Conference & International Seminar on Accounting Education and Research organized by School of Business and Commerce, Manipal University, Jaipur. (05 - 06 January 2019).

**Yadav, P.**, “Impact of Trade Openness on Economic growth: Evidence from emerging ASEAN Countries” in the 10<sup>th</sup> National Research Methodology Workshop, organized by Prestige Institute of Management, Gwalior. (30 August -03 September 2018).

**Khangarot, G.**, “Demonetization in India and Audacious Digitalization: A preliminary Assessment” at National conference on Transformation of India: Opportunities and Challenges organized by S.S. Jain Subodh College, Jaipur. (17 - 18 September 2018).

**Khangarot, G.**, “Rajasthan State: A paradise of Religious and rural Tourism” at International Conference on Emerging Trends and prospects of Modern Management in Global Business organized by Department of Commerce and Management at Bhagwant University, Ajmer. (19 - 20 April 2019).

**Khangarot, G.**, “National Seminar on Future of Finance” organized by The Northcap University, Gurugram in Association with CIMA. (11 January 2019).

**Khangarot, G.**, “Understanding of Financial Statements” by Vivekananda Global University, Jaipur. (29 January 2019).

**Khangarot, G.**, “Ten-day National Workshop on Research Methodology course” organized by Department of Economics, Osmania University, Hyderabad. (18 - 28 March 2019).

**Khangarot, G.**, “Four-day Workshop on Advanced Econometrics for Research in Social Sciences Using R” organized by School of management studies, University of Hyderabad. (29 March - 01 April 2019).

**Kumari, P.**, “Measurement and Disclosure Practice of Carbon Emission and Environmental Accounting: A Taxation Perspective at 41<sup>st</sup> All India Accounting Conference organized by Manipal University. (04 - 05 January 2019).

**Kumari, P.**, “Measurement and Reporting of Carbon Footprints: An Empirical Study of Fair Value Disclosure of Environmental Cost on Financial Performance” at 12<sup>th</sup> Doctoral Thesis Conference organized by IBS Hyderabad. (18 - 19 April 2019).

**Kumari, P.**, “MHRD (IMPRESS Scheme) and ICSSR sponsored National Workshop on Research Methodology and Data Analysis” organized at Department of Humanities and Social Sciences, National Institute of Technology Hamirpur, Himachal Pradesh, India. (24 - 30 June 2019).

**Meena, P.**, “CRM and E-CRM: Impact on Insurance Industry” at International Conference on Commerce, Management, Economics & Social Studies organised by Dayalbagh Educational Institute, Dayalbagh, Agra. (17 April 2019).

**Meena, P.**, “One-week Research Methodology workshop on Explore, Enrich and Enhance Skills in Research” organised at St. Xavier’s College, Nevta, Jaipur. (22 - 28 April 2019).



**Puspender.**, “Corporate Governance and its Association with Intellectual Capital Performance in S&P 200 companies” in National Conference on Business & Management organized by Haryana School of Business, Guru Jambheshwar University of Science & Technology, Hisar. (07 - 08 February 2019).

**Puspender.**, “CSR as a new perspective towards inclusive development: Evidence from industries in Rajasthan” in a national conference on Emerging Trends in Management Education organized by Institute of Management Studies and Research, Maharshi Dayanand University, Rohtak, Haryana. (26 March 2019).

**Puspender.**, “Intellectual Capital Performance in Indian Banking Industry” in an International Conference on Emerging Trends and Prospects of Modern Management in Global Business (ICETPMMGB, 2019) organized by Department of Commerce and Management, Bhagwant University, Ajmer, Rajasthan. (19 - 20 April 2019).

**Puspender.**, “Applicability of MS-Excel in Financial Management” organized by Department of Commerce, Government PG College for Women, Rohtak, Haryana. (02 -04 November 2018).

**Puspender.**, “National workshop on Research Methodology and Data Analysis (RMDA 2019)” organized by Department of Humanities and Social Science, National Institute of Technology, Hamirpur, Himachal Pradesh. (24 - 30 June 2019).

**Sam, S.**, “Seven Day National Workshop on Econometric Tools for Business Research” conducted by Department of Management Studies, School of Management, Pondicherry University, Puducherry. (03 - 09 January 2019).

**Sam, S.**, “Adoption of Cryptocurrency: An International Perspective” in International Conference on Business and Management (Theme: Disruptions in Business - Embracing the Age of Digitalisation) conducted by Delhi School of Management, Delhi Technical University. (29-30 March 2019).

**Kumari, P.**, “Indian Economic Growth and Its Association with Macro Economic Indicators in India” in the International Conference on “Emerging Trends and Prospects of Modern Management in Global Business” at Bhagwant University, Ajmer. (19 - 20 April 2019).

**Kumari, P.**, “Role of Corporate Governance of Combat Frauds: An Analysis of Indian Banking Sector” 39<sup>th</sup> Annual Conference on Globalisation and Governance: Socio-Economic Perspectives, organized by Rajasthan Economic Association, Manipal University, Jaipur. (30 - 31 March 2019).

**Pandey, S.** and Kumari V., “Financial Empowerment of Women Through Indigenous Industries of Rajasthan- With Special Reference to Tilonia Village” in “Conferencia De Youth” at BITS Pilani. (29 - 31 March 2019).

## Department of Microbiology

**Bairwa H.K.**, Prajapat G, Jain S and Agrawal A., “Extraction of UV protection molecules from hypersaline cyanobacteria” at Recent Advance at Interfaces of Physical and Life Sciences (RAIPLS-2019), Department of Chemistry, University of Rajasthan, Jaipur. (28 - 30 January 2019).

**Bairwa H.K.**, National Workshop on Foldscope and symposium on Applied Microbiology at Department of Chemistry, Manipal University Jaipur, India. (23-24 November 2018).

**Jain P.**, Priya, R., Gupta, N., Chatterjee, A. and Verma, VK., “Insights into the DNA uptake machinery of Helicobacter pylori: Identification and characterization of novel membrane/ secretory protein(s)” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019), organized by School of Life Science, Central University of Rajasthan, Bandarsindri, Ajmer. (08 - 10 March 2019).



**Prajapat G.**, Bairwa H.K., Kakkar S, Jain S and Agrawal A., “Development of Novel UV absorbing Compound Based Natural sunscreen” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019), Central University of Rajasthan, Bandarsindri, Ajmer. (08 - 10 March 2019).

**Prajapat G.**, Maharia P and Agrawal A., “Control of reservoir souring by *Tepidiphilus* sp. strain CC001 at high temperature” at 3rd National Symposium on Shaping the Energy Future: Challenges & Opportunities (SEFCO), Indian Institute of Petroleum, Dehradun. (10–11 May 2019).

**Prajapat G.**, National Workshop on Foldscope and symposium on Applied Microbiology at Department of Chemistry, Manipal University Jaipur, India. (23–24 November 2018).

**Rellegadla S.**, “Enhanced Oil Recovery in Sand Packed Simulating Columns using Polymer Nickel Nanoparticle Mixture” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019), Central University of Rajasthan, Bandarsindri, Ajmer. (08 - 10 March 2019).

**Rellegadla S.** Agrawal A, “Assessing wettability alteration potential of Galactomannan polymer for development of biochemical enhanced oil recovery (BcEOR) technology” at 3rd National Symposium on Shaping the Energy Future: Challenges & Opportunities (SEFCO), Indian Institute of Petroleum, Dehradun. (10–11 May 2019).

**Rellegadla S.**, “National Workshop on Foldscope and symposium on Applied Microbiology” at Department of Chemistry, Manipal University Jaipur, India. (23–24 November 2018).

**Tomer, A.K.**, “Characterization and Pigment Profile of Newly Isolated *Haloleptolyngya* sp. from Vicinity of Sambhar Lake, Rajasthan, India” at Rajasthan Science Congress, Central University of Rajasthan, Bandarsindri. (13-15 October 2018).

**Tomer, A.K.**, “Antioxidant Properties of Cyanobacterial Taxa Isolated from Aquatic Habitats of Rajasthan, India” at International Conference on Molecular Basis of Diseases & Therapeutics (ICMBDT 2019), Central University of Rajasthan, Bandarsindri, Ajmer. (08 - 10 March 2019).

## Department of Pharmacy

**Sharma, O.**, Srivastava, S., Malik, R., “Molecular dynamics insights for PI3K- $\delta$  inhibition and structure-guided identification of novel PI3K- $\delta$  inhibitors.” International Conference on Molecular Basics of diseases and therapeutics (ICMBDT-2019) organized by School of Life Sciences, Central University of Rajasthan. (08 - 10 March 2019).

**Srivastava, S.**, Malik, R., “Design and discovery of novel PI3K- $\alpha$  inhibitors: a computational approach.” International Conference on Molecular Basics of diseases and therapeutics (ICMBDT-2019) organized by School of Life Sciences, Central University of Rajasthan. (08 - 10 March 2019).

**Srivastava, S.**, Malik R., “Exploring molecular basis of resistance in Protein Kinase B: A molecular dynamics simulation study” in 1st National biomedical research competition held in All India Institute of Medical Sciences (AIIMS), Rishikesh. (15 October 2018).

**Srivastava, S.**, Malik R., “Implementing drug design tools for identification of VEGFR inhibitors as novel Anti-Alzheimer’s agents” 3rd IBRO/APRC Chandigarh Neuroscience School, organized by University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh, India. (25 November–02 December 2018).



**Nath, V.,** Kumar, V., “Identification of PPAR $\gamma$  Agonist(s) using structure-based virtual screening for treatment of Type2 Diabetes mellitus” in VI Rajasthan Science Congress, on Innovation in Science and Technology for Sustainable Development, Organized by Central University of Rajasthan, Rajasthan, India. (13 - 15 October 2018).

**Nath, V.,** Kumar, V., “Recognition of DPP-IV Inhibitors using In silico approach for treatment of Type2 Diabetes mellitus” in 3rd International Conference on Academic and Industrial Innovations: Transitions in Pharmaceutical, Medical and Biosciences (INNOPHARM3) at Kala Academy, Goa. (22 - 23 October 2018).

**Nath, V.,** Kumar, V., “Computational Identification of Natural PPAR-gamma Agonist(s): Induced-Fit Docking and Molecular Dynamics Simulations Studies” in International Conference on Molecular Basis of Diseases and Therapeutics, (ICMBDT)-2019 on Academic and Industrial Innovations: Transitions in Pharmaceutical, Medical and Biosciences organized by School of Life Sciences, Central University of Rajasthan, Ajmer. (08 - 10 March 2019).

**Kumar, V.,** Gupta, U., “Nanohybrid carrier for Effective Anti-cancer activity” in International Conference “ICMBDT-2019”, at central University of Rajasthan, Ajmer, India. (08 - 10 March 2019).

**Kumar, R.,** Gupta, U., “PEGylated Dendrimer Mediated Delivery of Bortezomib: A comparison of Encapsulation and Conjugation Against Surface Modifications” in International Conference “ICMBDT-2019”, at Central University of Rajasthan, Ajmer, India. (08 - 10 March 2019).

**Rana, R.,** Gupta, U., “Sialic Acid Conjugated Chitosan Nanoparticles: Preparation, Characterisations and in vivo evaluation of anticancer effectivity” in International Conference “ICMBDT-2019”, at Central University of Rajasthan, Ajmer, India. (08 - 10 March 2019).

**Khan, I.,** Kumar, R., Gupta, U., “Drug Based Nanoparticles for Safe and Efficient Delivery of Anticancer Bio-actives” in International Conference “ICMBDT-2019”, at Central University of Rajasthan, Ajmer, India. (08 - 10 March 2019).

**Gothwal, A.,** Kumar, R., Kartik, N.N., Borah, A., Gupta, U., “Ligand Tethered Dendrimers for Brain Delivery of Anti-AD Agent for Better Pharmacokinetics and Improved Behavioral Responses”, Controlled Release Society-Indian Chapter 17th International Symposium on “Advances in Technology and Business Potential of New Drug Delivery Systems” at The Lalit, Sahar Airport Road, Andheri (East), Mumbai. (01 -02 February 2019).

**Rani, S.,** Gupta, U., “Biotinylated Polymeric Micelles for Cancer Therapy: Synthesis, Characterization and Evaluation”, in International Conference Controlled Release Society-Indian Chapter 17th International Symposium on “Advances in Technology and Business Potential of New Drug Delivery Systems” at The Lalit, Sahar Airport Road, Andheri (East), Mumbai. (01 - 02 February 2019).

**Gothwal, A.,** Gupta, U., “Ligand coupled PAMAM dendrimers for Brain Delivery of Rivastigmine: Better pharmacokinetic and safety”, in International Conference on Environmental and Biomedical Nanotechnology “Advances in Technology and Business Potential of New Drug Delivery Systems” at JNU, New Delhi. (14 - 15 September 2018).

**Kaushik, L.,** Raza, K., “Nanolipoidal carriers of a novel docetaxel derivative: A Promising approach for MDR cancer management”, at 2018 Controlled Release Society Annual Meeting, New York, USA. (22 - 24 July 2018).

**Nagarani, T.,** Kumar, V., Raza, K., “Water soluble carbon nanotubols conjugated with docetaxel for Better delivery to breast cancer cells: conducive pharmacokinetic profile” in NANOBIOTECK-2018, 3rd Annual Conference of Indian Society of Nanomedicine, AIIMS, New Delhi. (25 - 27 October 2018).





**Nagarani, T.,** Kumar, V., Raza, K., “Targeted, safe and effective delivery of doxorubicin to breast cancer by means of strategically - designed folate - tagged phospholipid-based polymeric micelles” in One Day International Symposium on Biopharmaceutics and Drug Delivery: An Industrial Perspective, NIPER, Mohali. (30 November 2018).

**Parashar, S.,** Harsha P.J., Raza, K., “Mangiferin conjugated PEGylated carbon nanotubes as an exploratory nanomedicine for glioblastoma” in One Day International Symposium on Biopharmaceutics and Drug Delivery: An Industrial Perspective, NIPER, Mohali. (30 November 2018).

**Kaushik, L.,** Raza, K., “Solid lipid nanoparticles of a novel docetaxel derivative: A hopeful tool for MDR cancer management” in One Day International Symposium on Biopharmaceutics and Drug Delivery: An Industrial Perspective, NIPER, Mohali. (30 November 2018).

**Kaushik, L.,** Thakur, G.S., Raza, K., “Synthesis, characterization and evaluation of chitosan conjugated docetaxel” in 6th World Congress on Nanomedical Sciences-ISNSCON-2018 at Vigyan Bhawan, New Delhi. (07 - 09 January 2019).

**Nagarani, T.,** Kumar, V., Raza, K., “Delivery of docetaxel to breast cancer cells employing aspartic Acid derivatized graphene oxide: enhanced anti-neoplastic activity and improved pharmacokinetic profile” in 6th World Congress on Nanomedical Sciences-ISNSCON-2018, at Vigyan Bhawan, New Delhi. (07 - 09 January 2019).

**Mishra, M.,** Raza, K., “Microemulsion-based topical product of methotrexate: Development and Characterization” in International Conference “ICMBDT-2019”, at Central University of Rajasthan, Ajmer, India. (08 - 10 March 2019).

## Department of Physics

**Chourasiya, H.K.,** “Synthesis and Transport properties of GO-Silicon (100) Heterojunction in UV environment” in National Conference on “Advances in Science & Technology—an Interdisciplinary Approach (ASTIA-2018)” organized by Department of Chemistry Sophia Girls’ College (Autonomous), Ajmer, Rajasthan. (15 - 16 October 2018).

**Vikas,** “Mathematical Modeling of graphene-MoS<sub>2</sub> based tapered fiber optic surface plasmon resonance sensor” in Photonics 2018-The International Conference on Fiber Optics and Photonics organized by IIT Delhi. (12-15 December 2018).

**Vikas,** “Experimental studies on localized surface plasmon resonance-based fiber optic sensor using Indium Arsenide nanowires” in Photonics 2018-The International Conference on Fiber Optics and Photonics organized by IIT Delhi. (12-15 December 2018).

**Vikas,** “VI Rajasthan Science on Fibre optic sensor based on surface fundamental and recent research” at the Central University of Rajasthan. (13 - 15 October 2018).

**Vikas,** “OSI- International Symposium on Optics (OSI-ISO 2018)” at IIT Kanpur. (20 - 22 September 2018).

**Komal,** “National School on Computer-Assisted Spectroscopic data Interpretation Technique, NSCASDIT-2019”, Nagpur. (07 - 11 January 2019).

**Komal,** “Consortium mini Lecture Series on Magnetism” at UGC-DAE Consortium for Scientific Research, Indore 452001, Madhya Pradesh. (27 - 31 August 2018).

**Dixit, S.,** “International Conference on Nonlinear Systems and Dynamics (CNSD-2018)” JNU New Delhi. (11 - 14 October 2018).



## Department of Public Policy Law and Governance

**Pareek, U.,** “Basic Training on Rights of Women” organized by Department of Social Work, Central University of Rajasthan, Ajmer and National Human Rights Commission, New Delhi. (25 - 26 February 2019).

**Pareek, U.,** “Drug Abuse awareness and prevention: From Drugs to Dedication” organized by Department of Economics, Central University of Rajasthan, Ajmer and National Institute of Social Defence, New Delhi. (28 March 2019).

**Pareek, U.,** “Capacity Building Programme on Drug Abuse and prevention: From Drugs to Dedication” organized by Department of Economics, Central University of Rajasthan, Ajmer and National Institute of Social Defence, New Delhi. (29-30 March 2019).

**Pareek, U.,** “A comparative study of various States’ Public Service Guarantee Acts in India” at National Seminar on Emerging Trends in Administration through Good Governance- Expectations and Challenges in present perspective organized by Department of Public Administration, Kurukshetra University, Kurukshetra. (20 - 21 May 2019).

**Pareek, U.,** “Social Inclusion of Religious Minorities” at Ambedkar Summer School organized by Indian Institute of Dalit Studies, New Delhi and Rosa Luxemburg-Stiftung South Asia, New Delhi. (27 - 31 May 2019).

**Prasad, S.,** “Basic Training on Rights of Women” organized by Department of Social Work, Central University of Rajasthan, Ajmer. (25 - 26 February 2019).

**Prasad, S.,** “Drug Abuse awareness and prevention: From Drugs to Dedication” organized by Department of Economics, Central University of Rajasthan, Ajmer and National Institute of Social Defence, New Delhi. (28 March 2019).

**Prasad, S.,** “Capacity Building Programme on Drug Abuse and prevention: From Drugs to Dedication” organized by Department of Economics, Central University of Rajasthan, Ajmer and National Institute of Social Defence, New Delhi. (29 - 30 March 2019).

**Prasad, S.,** “PESA as an instrument of Tribal self-governance and protection of their identity” at National Seminar on Emerging Trends in Administration through Good Governance- Expectations and Challenges in present perspective organized by Department of Public Administration, Kurukshetra University, Kurukshetra. (20 - 21 May, 2019).

**Tanwar, N.,** “Basic Training on Rights of Women” organized by Department of Social Work, Central University of Rajasthan, Ajmer. (25 - 26 February 2019).

**Tanwar, N.,** “Drug Abuse awareness and prevention: From Drugs to Dedication” organized by Department of Economics, Central University of Rajasthan, Ajmer and National Institute of Social Defence, New Delhi. (28 March 2019).

**Tanwar, N.,** “Capacity Building Programme on Drug Abuse and prevention: From Drugs to Dedication” organized by Department of Economics, Central University of Rajasthan, Ajmer and National Institute of Social Defence, New Delhi. (29-30 March 2019).

**Tanwar, N.,** “Social Inclusion of Religious Minorities” at Ambedkar Summer School organized by Indian Institute of Dalit Studies, New Delhi and Rosa Luxemburg-Stiftung South Asia, New Delhi. (27-31 May 2019).



**Yadav, T.,** “Basic Training on Rights of Women” organized by Department of Social Work, Central University of Rajasthan, Ajmer. (25-26 February 2019).

**Yadav, T.,** “Research Methodology in Social Sciences” organized by Centre for Social Studies, Surat and ICSSR, New Delhi. (19-28 October 2018).

**Yadav, T.,** “Qualitative Methods in Legal Research with special reference to Atlas-Ti Application” organized by National Law University, New Delhi. (24-26 September 2018)

## Department of Social Work

**Choudhary, G.N.,** “Differently-abled People and Related Welfare Schemes/Policies in Rajasthan”, in Three Days International Conference on “Reflecting on successes and barriers in implementing inclusive education for children with special needs in India”, organized by Centre for study of social exclusion and inclusive policy, CSSEIP, Pondicherry University, Puducherry & SATYA special school, Puducherry with Collaborative Partner- National institute of empowerment of persons with multiple disabilities (DIVYANGJAN). Chennai, (28 - 30 March 2019).

**Choudhary, G.N.,** “Psychosocial factors associated with psychological distress among transgender individuals”, National Seminar on “Current Verdict on Constitutional Validity of Section 377 of the Indian Penal Code, 1860”, at School of Legal Studies, Sangam University, Bhilwara, Rajasthan. (13- 14 October 2018)

**Manupriya,** “Health vulnerabilities amongst Particularly Vulnerable Tribal groups: A case study of Rajasthan” in two days International conference on Moving beyond the margins: The politics of exclusion and assimilation” organized by the department of English, Central University of Rajasthan. (15 - 16 November 2018).

**Pali, J.,** Mariam T., Ahmed A., “Menstrual Belief and Practices among Adolescent Girls: A case Study in rural Rajasthan”, National Seminar on Adolescent’s Behavior: Care vs. Concern, Rajasthan, Dept. Of Psychology, Banasthali Vidyapith, Tonk. (18-19 August 2018)

**Pali, J.,** Mariam T., Ahmed A., “Menstrual Poverty and Psycho-Social Deprivation of Adolescent Girls”, 6<sup>th</sup> Indian social Work Congress 2018, DSSW, Delhi, (01-03 November 2018)

**Pali, J.,** “Dissent Voices of Urban Women Street vendors: The life in Informal Sector”, National Seminar on Role of Women in New India, Dept. of Sociology, Government Girls Post Graduate College, Banda, U.P. (04 November 2019)

**Pali, J.,** “Marginalization of School going Adolescent girls in the Milieu of Menstruation in Rural Areas”, International Seminar on Moving beyond the margin: The politics of Exclusion and Assimilation, Dept. of English, Central University of Rajasthan, Ajmer. (15-16 November 2018)

**Pali, J.,** “Banished to be purified in Menstrual Hut: A Neglect of women’s human rights”, International seminar on menstrual myths and taboo, MBP College, Lucknow, organized by UP higher education Board. (01-02 February 2019)

**Kousar, R.,** Bhadra S., “Assessing the Violation of Right to Education in the Context of Indigenous Understanding of Child Right”, “National Conference on Indigenous Social Work: Challenges, Responses and Way forward” organized by Department of Social Work, Jamia Millia Islamia, New Delhi. (16-17 November 2018).



**Kousar, R.,** Bhadra S.,” Border Infiltration and its impact on Child Rights: A Study in the State of Jammu and Kashmir”, VIth Rajasthan Science Congress”, on Innovation in Science and Technology for Sustainable Development, organised by Central University of Rajasthan. (13-15 October 2018)

**Aamir, M.,** “Politics of Silicosis: Voices of Unorganized Miners”, International Conference on Emerging Challenges to Environmental And Occupational Health, Department of Social Work, Faculty of Social Sciences, Jamia Millia Islamia, New Delhi. (18-19 January 2019).

## Department of Statistics

**Kumar, S.,** Kumar, J., Sharma, V.K., and Agiwal, V., “A Bayesian Analysis of Order Change in Autoregressive Time Series Model” was presented in “Young Scientist Conference” organised by Indian International Science Festival - 2018, Lucknow, UP, India. (05 -08 October 2018).

**Kumar, S.** and Kumar, J., “Modeling of Indian Banking System: An Application with Big Data Time Series” was presented in “2nd National Conference on Statistics for Humanities and Social Sciences” held in Department of Lifelong Learning, University of Rajasthan, Jaipur, Rajasthan, India. (04–05 September 2018).

**Agiwal, V.,** and Kumar, J., “Bayesian Estimation of PAR(1) model with Multiple Breaks in all Model parameters, 2nd National Conference on Statistics for Humanities and Social Science (NCSHS - 2018)” Organised by Rajasthan Statistical Association and Department of Life Long Learning, Rajasthan University, Rajasthan, India. (04–05 September 2018).

**Kumar, S.,** and Kumar, J., “Modeling of the System by Identifying Common Time Series Model, 2nd National Conference on Statistics for Humanities and Social Science (NCSHS - 2018)” Organised by Rajasthan Statistical Association and Department of Life Long Learning, Rajasthan University, Rajasthan, India. (04–05 September 2018).

**Pandey, A.,** Saha, M., and Tyagi, S., “Power Xgamma Distribution: It’s Statistical Properties and Application” in VIth Rajasthan Science Congress held at Central University of Rajasthan, Bandarsindri, Ajmer. (13–15 October 2018).





## Faculty Publications

### A. JOURNAL PUBLICATIONS

#### Department of Architecture

##### Neeraj Gupta

Swagatika Mishra, Neeraj Gupta, and Bhumika Sharma. **(2018)**, Gender Mainstreaming in Urban Planning: An exploratory study of women's perception of liveability in Keonjhar city, Odisha, FARU - 2018, 'Sustainability for people', Sri Lanka conference proceeding, 17-24. ISBN; 978-955-9027-74-4.

Swagatika Mishra, Dr. Sanjeev Vidyarthi, and Prof. Neeraj Gupta. **(2019)**, Sustainability in Planning, Architecture, Technology, and Engineering (SPATE 2019), *JETIR*, 6 (5). ISSN; 2349-5162. **Impact Factor = 5.87**

Prof. Neeraj Gupta, Prof. Jitendra Singh, and Ar. Akshya Singhvi. **(2019)**, 'Sustainability in Planning, Architecture, Technology, and Engineering (SPATE 2019), *JETIR*, 6 (5), ISSN; 2349-5162. **Impact Factor = 5.87**

#### Department of Atmospheric Science

##### Someshwar Das

Sarkar Abhijit, Someshwar Das, and Devajyoti Dutta. **(2019)**, Computation of skill of a mesoscale model in forecasting thunderstorm using Radar reflectivity, *Modeling Earth Systems and Environment*, 5, 443-454, doi.org/10.1007/s40808-018-0553-7

##### Subrat Kumar Panda

Kanhu C. Pattnayak, Subrat K. Panda Vaishali Saraswat, Sushil K. Dash. **(2019)**, How good is regional climate model version 4 in simulating the monsoon onset over Kerala, *International Journal of Climatology*, 39, 2197-2208, doi.org/10.1002/joc.5945. **Impact Factor = 3.6**

S.K. Dash, Manish Paliwal, S.K. Panda and Srinavas Rao Karri. **(2019)**, Comparison of Indian summer monsoon rainfall anomalies in response to changes in snow depths and SSTs in a GCM, *Mausam*, 70 (1), 71-86. **Impact Factor = 0.6**

#### Department of Biochemistry

##### Vijay Kumar Prajapati

Narula A., Pandey R.K., Khatoon N., Mishra A., Prajapati V.K. **(2018)**, Excavating chikungunya genome to design B and T cell multi-epitope subunit vaccine using comprehensive immunoinformatics approach to control chikungunya infection, *Infection Genetics and Evolution*, 61, 04-15. **Impact Factor = 2.611**



Pandey R.K., Ali M., Ojha R., Prajapati V.K. (2018), Development of multi-epitope driven subunit vaccine in secretory and membrane proteins of *Plasmodium falciparum* to convey protection against malaria infection, *Vaccine*, 36 (30), 4555-4565. **Impact Factor = 3.269**

Validi M., Karkhah A., Prajapati V.K., Nouri H.R. (2018), Immuno-informatics based approaches to design a novel multi epitope-based vaccine for immune response reinforcement against *Leptospirosis*, *Molecular Immunology*, 104, 128-138. **Impact Factor = 3.064**

Azman N.S.N., Mahboob M., Hossan S., Prajapati V.K., Pandey R.K., Hazra B., Raju C.S., Nissapatorn V., Rahmatullah M., Wiart C. (2018), Anti-infective activities of 11 plants species used in traditional medicine in Malaysia, *Experimental Parasitology*, 194, 67-78. **Impact Factor = 1.719**

Khatoon N., Ojha R., Mishra A., Prajapati V.K. (2018), Examination of antigenic proteins of *Trypanosoma cruzi* to fabricate an epitope-based subunit vaccine by exploiting epitope mapping mechanism, *Vaccine*, 36 (42), 6290-6300. **Impact Factor = 3.269**

Renitta N., Thiyonila B., Aathmanathan V., Ramya T., Subramanian N., Prajapati V.K., Krishnan M. (2018), Encapsulation and systemic delivery of 5-fluorouracil conjugated with silkworm pupa derived protein nanoparticles for experimental lymphoma cancer, *Bioconjugate Chemistry*, 29 (9), 2994-3009. **Impact Factor = 4.349**

Pandey R.K., Ojha R., Mishra A., Prajapati V.K. (2018), Designing B and T cell multi-epitope based subunit vaccine against virulence proteins using immunoinformatics approach to control Zika virus infection, *Journal of Cellular Biochemistry*, 19 (9), 7631-7642. **Impact Factor = 3.448**

Mishra R., Upadhyay A., Prajapati V.K., Mishra A. (2018), Proteasome Mediated Proteostasis: Novel Medicinal And Pharmacological Strategies For Diseases, *Medicinal Research Reviews*, 38 (6), 1916-1973. **Impact Factor = 9.791**

Khatoon N., Pandey R.K., Ojha R., Veeranarayanan S.A., Krishnan M. Prajapati V.K. (2019), Exploratory algorithm to devise multi-epitope subunit vaccine by investigating *Leishmania donovani* membrane proteins, *Journal of Biomolecular Structure and Dynamics*, 37 (9), 2381-2393. **Impact Factor = 3.31**

Ojha R., Nandani R., Prajapati V.K. (2019), Contriving multi-epitope subunit vaccine by exploiting structural and non-structural viral proteins to prevent Epstein Barr Virus associated malignancy, *Journal of Cellular Physiology*, 234 (5), 6437-6448. **Impact Factor = 4.522**

Pandey R.K., Ojha R., Chatterjee N., Upadhyay N., Mishra A., Prajapati V.K. (2019), Combinatorial screening algorithm to engineer multi-epitope subunit vaccine minimizing Human T-lymphotropic virus-1 infection, *Journal of Cellular Physiology*, 234 (6), 8717-8726. **Impact Factor = 4.522**

Ojha R., Nandani R., Pandey R.K., Prajapati V.K. (2019), Emerging Role of Circulating miRNA in the Diagnosis of Human Infectious Diseases, *Journal of Cellular Physiology*, 234 (2), 1030-1043. **Impact Factor = 4.522**

Pandey R.K., Dahiya S., Mahita J., Sowdhamini R., Prajapati V.K. (2019), Vaccination and immunization strategies to develop *Aedes aegypti* salivary protein-based subunit vaccine tackling Flavivirus infection, *International Journal of Biological Macromolecules*, 122, 1203-1211. **Impact Factor = 4.784**

Ojha R., Prajapati V.K. (2019), MiR-20a loaded with nanoparticles helps in the reduction of colorectal liver metastasis, *Non-coding RNA Investigation*, 3 (2), 10.21037/ncr.2018.12.03



Mishra R, Upadhyay A, Prajapati VK, Dhiman R, Poluri KM, Jana NR, Mishra A. **(2019)**, LRSAM1 E3 Ubiquitin Ligase: Molecular Neurobiological Perspectives Linked With Brain Diseases, *Cellular and Molecular Life Sciences*, 76 (11), 2093-2110. **Impact Factor = 7.014**

Veronica J, Sanbamurthy C, Alti D, Prajapati VK, Sundar S, Maurya R. **(2019)**, Iron superoxide dismutase contributes for Miltefosine resistance in Leishmania donovani, *FEBS Journal*, DOI; 10.1111/febs.14923. **Impact Factor = 4.739**

Ojha R, Pareek A, Pandey RK, Prusty D, Prajapati VK. **(2019)**, Strategic development of a next-generation multi-epitope vaccine to prevent Nipah virus zoonotic infection, *ACS Omega*, 10.1021/acsomega.9b00944. **Impact Factor = 2.584**

Rostamtabar M, Rahmani A, Baee M, Karkhah A, Prajapati V. K., Ebrahimipour S, Nouri H. R. **(2019)**, Development of a multi-epitope driven subunit vaccine for immune response reinforcement against Serogroup B of Neisseria meningitidis using comprehensive immunoinformatics approach, *Infection, Genetics and Evolution*, 10.1016/j.meegid.2019.103992. **Impact Factor = 2.611**

### **Kiran Kumar Tejavath**

Shruti Gupta, Kiran Kumar Tejavath. **(2019)**, Catalytic Reduction of Organic Dyes with Green Synthesized Silver Nanoparticles using Aloe vera Leaf Extract, *Journal of Nanoscience, Nanoengineering & Applications*, 9 (2), 9-21.

Drista Sharma, Ravikrishna Dada, Kiran Kumar Tejavath, Praveen Rai, Rani Soni, Srinivasarao Yaragorla & Tarun Kumar Bhatt. **(2019)**, A paradigm towards the antimalarial quest: in silico identification and biological evaluation of novel inhibitors targeting 1-deoxy-D-xylulose-5-phosphate reductoisomerase. *Journal of Biomolecular Structure and Dynamics*, 10.1080/07391102.2019.1570342. **Impact Factor = 3.31**

### **Dhaneswar Prusty**

Ojha R, Pareek A, Pandey RK, Prusty D, and Prajapati V. K. **(2019)**, Strategic development of a next-generation multi-epitope vaccine to prevent Nipah virus zoonotic infection, *ACS Omega*, 10.1021/acsomega.9b00944. **Impact Factor = 2.584**

### **Shiv Swaroop**

Arti Tripathi, Shiv Swaroop and Raghavan Varadarajan. **(2019)**, Molecular Determinants of Temperature-Sensitive Phenotypes, *Biochemistry*, 58 (13), 1738-1750, DOI: 10.1021/acs.biochem.8b00964. **Impact Factor = 2.95**

### **Chandi C. Mandal**

Neelam DK, Agrawal A, Tomer AK, Bandyopadhyaya S, Sharma A, Jagannadham MV, Mandal CC and Dadheech PK. **(2019)**, A Piscibacillus sp. Isolated from A Soda Lake Exhibits Anticancer Activity Against Breast Cancer MDA-MB-231 Cells, *Microorganisms*, 7 (2), 10.3390/microorganisms7020034. **Impact Factor = 4.167**

Sharma A, Bandyopadhyaya S, Chowdhury K, Sharma T, Maheshwari R, Kumar V, and Mandal C. C. **(2019)**, Metformin exhibited anticancer activity by lowering cellular cholesterol content in breast cancer cells, *Plos One*, 14 (1), 10.1371/journal.pone.0209435. **Impact Factor = 2.776**



### Vishvanath Tiwari

Vandana Solanki, Monalisa Tiwari, and Vishvanath Tiwari. (2019), Prioritization of potential vaccine targets using comparative proteomics and designing of the chimeric multi-epitope vaccine against *Pseudomonas Aeruginosa*, *Scientific Reports*, 9, 5240. **Impact Factor = 4.1**

Vishvanath Tiwari Moganty R. Rajeswari and Monalisa Tiwari. (2019), Proteomic analysis of iron-regulated membrane proteins identifies FhuE receptor as a target to inhibit siderophore-mediated iron acquisition in *Acinetobacter baumannii*, *International Journal of Biological Macromolecules*, 125 (1), 1156-1167. **Impact Factor = 4.8**

Vishvanath Tiwari. (2019), Post-translation modification of ESKAPE pathogens as a potential target in drug discovery, *Drug Discovery Today*, 24 (3), 814-822. **Impact Factor = 6.9**

Privita Verma, Pramila Maurya, Monalisa Tiwari and Vishvanath Tiwari (2019), In-silico interaction studies suggest RND efflux pump mediates polymyxin resistance in *Acinetobacter baumannii*, *Journal of Biomolecular Structure & Dynamics*, 37 (1), 95-103. **Impact Factor = 3.3**

Vishvanath Tiwari. (2019), Molecular insight into the therapeutic potential of phytoconstituents targeting protein conformation and their expression. *Phytomedicine*, 52, 225-237. **Impact Factor = 4.2**

Vishvanath Tiwari, Kiran Meena and Monalisa Tiwari (2018), Differential anti-microbial secondary metabolites in different ESKAPE pathogens explain their adaptation in the hospital setup. *Infection, Genetics and Evolution*, 66, 57-65. **Impact Factor = 2.6**

Vishvanath Tiwari, Debarghya Mitra, and Monalisa Tiwari (2018), Investigation of the interaction of allergens of *Glycine max* with IgE-antibody for designing of peptidomimetic-based anti-allergen. *International Immunopharmacology*, 61, 394-404. **Impact Factor = 3.4**

Privita Verma, and Vishvanath Tiwari (2018), Targeting outer membrane protein component, AdeC for discovery of efflux pump inhibitor against AdeABC efflux pump of multidrug resistant *Acinetobacter baumannii*. *Cell Biochemistry and Biophysics*, 76, 391-400. **Impact Factor = 2.3**

## Department of Biotechnology

### A.K. Gupta

Dubey NK, Yadav, P., Gupta, N., Gupta, K., Panigrahi, J., Gupta, A.K. (2019), Suppression of seed setting and viability in phytoplasma-infected *Parthenium* weed in nature through differential gene expression, *Indian Journal of Weed Science*, 51 (2), 188-197, 10.5958/0974-8164.2019.00040.6

Rath, S.C., Mishra, S.K., Seth S, Yadav P, Gupta, A.K. and Panigrahi, J. (2019), Genetic homogeneity assessment of *In vitro*-regenerated plantlets of *Nyctanthes arbor-tristis* L. and comparative evaluation of bioactive metabolites and antioxidant activity, *In Vitro Cellular & Developmental Biology- Plant*, <https://doi.org/10.1007/s11627-019-10004-8>. **Impact Factor = 1.057**

Mishra, S.K., Nag, A., Naik, A., Rath, S.C., Gupta, K., Gupta, A.K. and Panigrahi, J. (2019), Characterization of host response to bruchids (*Callosobruchus chinensis* and *C. maculatus*) in 39 genotypes belong to 12 *Cajanus* spp. and assessment of molecular diversity inter se. *Journal of Stored Products Research*, 81, 76-90, <https://doi.org/10.1016/j.jspr.2019.02.001>. **Impact Factor = 2.3**





### Pankaj Goyal

Brünnert D, Krausb M, Stühmer T, Kirner S, Heiden R, Goyal P, Driessen C, Bargou RC, Chatterjee M.(2019), Novel cell line models to study mechanisms and overcoming strategies of proteasome inhibitor resistance in multiple myeloma. *Biochimica Biophysica-Acta Molecular Basis Diseases*, 1865 (6), 16666.

**Impact Factor = 5.96**

Brünnert D, Shekhawat I, Chahar KR, Ehrhardt J, Pandey J, Yadav JK, Zygmunt M, Goyal P.(2019), Thrombin stimulates gene expression and secretion of IL-11 via Protease-activated receptor-1 and regulates extravillous trophoblast cell migration. *Journal of Reproductive Immunology*, 132, 135. **Impact Factor = 2.64**

Kumar V, Gour S, Verma A, Suman K, Gadhave K, Mishra PM, Goyal P, Pandey J, Giri R, Yadav JK.(2019), The mechanism of phosphatidylcholine-induced interference of PAP (248-286) aggregation. *Journal of Peptide Sciences*. **Impact Factor = 1.97**

Gour S, Kumar V, Singh A, Gadhave K, Goyal P, Pandey J, Giri R, Yadav JK, (2019), Mammalian antimicrobial peptide protegrin-4 self assembles and forms amyloid-like aggregates: Assessment of its functional relevance. *Journal of Peptide Sciences*. **Impact Factor = 1.97**

### Janmejay Pandey

Kumar V, Gour S, Verma N, Kumar S, Gadhave K, Mishra PM, Goyal P, Pandey J, Giri R, Yadav JK.(2019), The mechanism of phosphatidylcholine-induced interference of PAP (248-286) aggregation. *Journal of Peptide Sciences*, 25 (4). **Impact Factor = 2.081**

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### *Bhumika Sharma*

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## Department of Hindi

### *N. Lakshmi Aiyar*

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## Extramural Funded Projects

The Central University of Rajasthan is operating the following 117 research projects during the academic year 2018-2019 in its 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 Grant 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 following.

### SCHOOL OF CHEMICAL SCIENCES AND PHARMACY

#### Department of Chemistry

<i>DST-FIST (Level-1 category)</i>	70.5 Lakhs	2016-2021	DST, GoI
<b>Prof. R.T. Pardasani</b>			
A Divergent Synthesis of Benzazoles via Direct C-H Activation and their Cytotoxic Activity: A Way to Cancer Research	25.7 Lakhs	2017-2020	DST-EMR
<b>Dr. Easwar Srinivasan</b>			
Studies towards the Synthesis of Protoberberine based Natural Products	6.0 Lakhs	2016-2018	UGC
Studies on the Organocatalytic Enantioselective Construction of Tetrahydroxanthenones	40.0 Lakhs	2018-2021	SERB
Design of Novel Bifunctional Amine-Urea/Thiourea Catalysts for Asymmetric C-C Bond Forming Applications	28.0 Lakhs	2017-2020	CSIR
<b>Dr. Chandrakantha Dash</b>			
Designing Novel Late Transition Metal Catalysts for Atom/Group Transfer Reactions	25.18 Lakhs	2015-2018	DST-SERB
Activation of Small Molecules by Transition Metal Ions	6.0 Lakhs	2016-2018	UGC
<b>Dr. Anuj Sharma</b>			
Smart Metal Chelator for MRI Contrast Agent	35.0 Lakhs	2014-2019	DST
Multifunctional Small Molecule based on Azo-Stilbene Molecular Framework as Amyloid Imaging Agents and Metal Chelators for Controlling Metal Induced-Neurodegenerative Diseases	54.3 Lakhs	2016-2019	DST-SERB
Design and Synthesis of Selected Transition Metal (Fe, Ru, Rh, Ir) complexes/Arene Complexes and Investigating their Anticancer Potential	10.0 Lakhs	2018-2021	UGC
Crystal Engineering and Molecular Magnetism in Some 3d Bivalent Metal Organic Framework (*Mentor of Dr. Kishalay Bhar, NPDF)	19.2 Lakhs	2017-2019	SERB, N-PDF





<b>Dr. M. Bhanuchandra</b>			
Development of Sustainable Reactions and Methods using Dibenzothiophene 5,5-Dioxide: Synthesis of Pi-Conjugated Systems	38.72 Lakhs	2017-2020	DST-SERB
Development of Novel Strategies for the Construction of Benzothiophene Dioxide	10.0 Lakhs	2017-2019	UGC
Transition Metal-Catalyzed C-H Nitrogenation and Oxygenation of Arenes using Sulfoxides as Functionalizable Directing Groups	36.3 Lakhs	2018-2021	SERB
<b>Dr. Thirumoorthi R.</b>			
Synthesis, Structure and Magnetic Properties of Polymetallic Cages	10.0 Lakhs	2018–2019	UGC
Synthesis, Structure and Optical Study of Phosphane and/or Chalcogen Stabilized Gold Complex	23.0 Lakhs	2015-2018	SERB
Half Sandwich Organotellurium Oxides/Hydroxides: An Alternative Reagent in Organic Synthesis	9.0 Lakhs	2019-2022	CSIR
<b>Dr. Partha Roy</b>			
Development of the Various One-dimensional TiO <sub>2</sub> nanostructures	10.0 Lakhs	2018–2019	UGC
Probing the Charge Transfer Mechanism in Exciplex System using lifetime Measurement	19.08 Lakhs	2019-2022	SERB
Engineering of Resilient Superhydrophobic Coating using TiO <sub>2</sub> Nanostructured in combination with Ultrathin Conformal Layer of Organic Molecules	49.97 Lakhs	2019-2022	SERB
<b>Dr. Anurag Prakash Sunda</b>			
Ab initio Molecular Dynamics simulation of Ionic Liquid doped Polymer Electrolyte Membranes and Platinum Electrode Interface	35.0 Lakhs	2015-2020	DST
<b>Dr. Ritesh Singh</b>			
C-H bond Functionalization to Access Bio-relevant Scaffolds	35.0 Lakhs	2015-2020	DST
<b>Dr. Ch Gupta Chandaluri (Left in July 2019)</b>			
Block Copolymer–DNA based Template for Conductivity Tunable Polyaniline Electronic Devices	35.0 Lakhs	2017-2022	DST
<b>Dr. Jony Saha</b>			
Development of Mn, Fe, Co and Ni based Ordered Mesoporous Metal Phosphate Materials and their Application as Catalysts in Electrochemical Water Oxidation	35.0 Lakhs	2017-2022	DST
<b>Dr. Hemant Joshi</b>			
Synthesis of Metal Complexes of Mechanically Interlocked Molecules and their Applications	35.0 Lakhs	2018-2023	DST



## Department of Pharmacy

DST-FIST (Level-1 category)	61.0 Lakhs	2017-2022	DST, GoI
<b>Prof. Vipin Kumar</b>			
Isolation of Antidiabetic and Enzyme Inhibitory Constituents of Cassia Siamea	7.86 Lakhs	2017-2020	DST, GoR
<b>Dr. Devesh M. Sawant</b>			
Design, Synthesis and Characterization of Multifunctional Platform for Targeted-tumor Therapy	60.89 Lakhs	2018-2021	SERB, GoI
A divergent syntheses of Benzothiazoles via Direct C-H Activation and their Cytotoxic activity: A way to cancer research	25.66 Lakhs	2018-2021	SERB, GoI
<b>Dr. Ruchi Malik</b>			
Design, Synthesis and Biological Evaluations of $\beta$ -Secretase Inhibitors as Anti-Alzheimer's Agents	19.84 Lakhs	2017-2019	DST-India and MSHE, Poland
Computational Studies, Synthesis and Biological Evaluation of Novel Pyrimidin-4-amine Derivatives, as Multi Targeted Kinase Inhibitors	7.68 Lakhs	2016-2019	DST, GoR
Design, Synthesis and Biological Evaluation of GSK-3 Inhibitors as Cognition Enhancers	12.0 Lakhs	2017-2019	DST-DAAD
<b>Dr. Umesh Gupta</b>			
Dendrimer Mediated Non-Invasive Delivery of Rifampicin and Imipenem for the Effective Treatment of Pulmonary Tuberculosis	3.06 Lakhs	2016-2019	DST, GoR
Chancellor's Best Faculty Research Grant	3.00 Lakhs	2018-2021	CURaj
Multifunctional Nanotherapeutics for the Effective Treatment of Advanced Breast Cancer: A dual Drug Delivery Approach for siRNA and Anti-cancer Drug	28.54 Lakhs	2015-2018	SERB, GoI
<b>Dr. Kaisar Raza</b>			
Novel Strategic Approaches for the Safe and Effective Delivery of Docetaxel to the Drug-Resistant Cancer Cells	27.2 Lakhs	2015-2019	DST-SERB
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	2017-2020	DBT, India
Multi-Functional Nanomaterial Systems for Modulation of Glycosylation in Animals	31.45 Lakhs	2018-2021	DST-Nano-mission

## SCHOOL OF COMMERCE AND MANAGEMENT

### Department of Management

<b>Dr. M.R.P. Singh</b>			
Healthcare Services of Specialty Hospitals in Rajasthan: An Empirical Analysis of Marketing Practices	10.73 Lakhs	2015-2018	UGC, New Delhi
<b>Dr. Avantika Singh</b>			
Assessing Economic and Social Impact of Self-Help Group Movement in Rajasthan	10.0 Lakhs	2019-2021	ICSSR, New Delhi



<b>Dr. Sanjay Kumar Garg</b>			
Implementation of Bhamashah Yojana in the State of Rajasthan: An Empirical Analysis	7.0 Lakhs	2019-2021	ICSSR, New Delhi

## SCHOOL OF EARTH SCIENCES

### Department of Atmospheric Science

<b>Prof. Someshwar Das</b>			
Towards the International Collaboration to the Implementation of the Early Warning System for the South Himalayan Cloudburst Disaster	32.60 Lakhs	2018-2020	DPRI, Kyoto University, Japan
<b>Dr. Subrat Kumar Panda</b>			
Investigation of Changes of Climate and its Extremes in Different Eco-Regions of India	10.00 Lakhs	2018-2020	UGC, India
SERB School on "Numerical Modelling and Forecasting of Desert Storms and Cloudburst"	16.30 Lakhs	2018-2019	SERB DST India

### Department of Environmental Science

<i>DST-FIST (Level-1 category)</i>	<i>82.0 Lakhs</i>	<i>2017-2022</i>	<i>DST, GoI</i>
<b>Dr. L.K. Sharma</b>			
Stratified Forest Biomass Modeling using Hyperspectral Data	19.4 Lakhs	2017-2020	SAC (ISRO)
<b>Dr. Devesh Sharma</b>			
Climate Change Impacts Studies for Rajasthan (Area of Inland Drainage and Mahi Basin)	30.78 Lakhs	2018-2021	MoWR
Water-Energy- Food Nexus approach for Making Path of Sustainable Development Goals (SDGs) to the Country Actions	6.30 Lakhs	2017-2019	APN/IGES
<b>Dr. Garima Kaushik</b>			
Design of a Microbial Process for the Removal of Organophosphorus Pesticides in Water Supplies from Rural and Urban Water Bodies	14.88 Lakhs	2016-2019	DST- CONACYT/ INT/Mexico

## SCHOOL OF EDUCATION

### Department of Education

<b>Dr. Anjali Sharma</b>			
Fostering Scientific Creativity in the Classroom through Creativity Problem Solving Instructional Model (CPSIM) within Science Discipline	3.15 Lakhs	2019-2020	School of Education, Gandhigram Rural Institute, PMMMNMTT, MHRD
<b>Dr. Narendra Kumar</b>			
Infrastructure Facilities, Accessibility, Teacher's Awareness and their Computer Self Efficacy for Pedagogic Use of ICT-A Study of Government Secondary Schools in Rural Areas of the District Ajmer (Rajasthan)	3.15 Lakhs	2019-2020	School of Education, Gandhigram Rural Institute, PMMMNMTT, MHRD



## Department of Yoga

<b>Dr. Meenakshi</b>			
Understanding the Molecular Basis of the Effect of Yoga on Overweight and Obese Population: A Randomized Controlled Study	20.31 Lakhs	2019-2021	DST WOS-B

## SCHOOL OF LIFE SCIENCES

### Department of Biochemistry

<b>Dr. Chandi C. Mandal</b>			
Cholesterol-lowering Drug Targets Osteoclastogenic Factors to Prevent Osteolytic Bone Metastasis of Breast Cancer	25.0 Lakhs	2015-2018	DBT
Interplay of Metabolic and Signal Pathways of N-Acyl Dopamines and Cholesterol in Cancer Cells	16.45 Lakhs	2017-2019	DST-RFBR (Indo-Russia)
<b>Dr. Vishvanath Tiwari</b>			
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	SERB
Interaction Studies of the <i>Acinetobacter baumannii</i> with the Human Pulmonary Cell Model- A Proteomic Approach	24.2 Lakhs	2014-2018	SERB
<b>Dr. Vijay Kumar Prajapati</b>			
Development of Natural Product Derived Febrifugine Analogues as a Novel Therapeutics Against Visceral Leishmaniasis	29.76 Lakhs	2015-2019	SERB
<b>Dr. Kiran Kumar Tejavath</b>			
Investigating Anticancer Potential of Biosynthesized Silver Nanoparticles and Polymeric Nanoparticles using Medicinal Plants of Rajasthan, India	45.71 Lakhs	2017-2020	DST-SERB
<b>Dr. Dhaneswar Prusty</b>			
Biochemical Characterization of Putative Histone Acetyl Transferase of <i>Plasmodium falciparum</i>	10.0 Lakhs	2018-2010	UGC

### Department of Biotechnology

<b>Dr. Pankaj Goyal</b>			
How Lysophospholipids (Lysophosphatic Acid and Sphingosine -1- Phosphate) Metabolic Pathway Regulate Placental Development during Pregnancy Maintenance	50.0 Lakhs	2017-2020	DBT, India
<b>Dr. Tarun Bhatt</b>			
Molecular and Structural Characterization of Mitochondrial DNA Primase in <i>Leishmania Donovanii</i> (with Central University of Assam)	44.21 Lakhs (Total 120 Lakhs)	2016- 2019	DBT-NER
Development and Screening of Potential Anti-malarials based on Privileged Scaffolds	6.0 Lakhs	2016- 2019	DST, Rajasthan
Design, Synthesis and In silico/ in vitro Studies of Cladospori Derivatives as Potential Anti-malarial Agents (Multi-institutional with ICGB & HCU)	25.0 Lakhs	2017- 2020	DST, India





<b>Dr. Suman Tapryal</b>			
Development of Glycoprotein E1/E2 Immunoglobulin (Ig) Chimeric Subunit Vaccine Candidates Against Chickengunya Virus in <i>E.coli</i>	34.0 Lakhs	2017-2020	DST, India
<b>Dr. Jay Kant Yadav</b>			
Targeting Crystallin-amyloids for the Development of Non-invasive Therapeutic Strategy for Treatment of Age-related Cataract	30.80 Lakhs	2018-20221	DST-SERB
<b>Dr. Surendra Nimesh</b>			
Design of a Microbial Process for the Removal of Organophosphorus Pesticides in Water Supplies from Rural and Urban Water Bodies	14.88 Lakhs	2016-2019	DST-CONACYT/INT/Mexico
<b>Dr. Jayendra N. Shukla</b>			
Identification of Sex-Determining Signal(S) and Sexual Differentiation Factors in the Red Flour Beetle, <i>Tribolium Castaneum</i>	50.0 Lakhs	2017-2020	DST-SERB
Understanding the Molecular Mechanism of Sex Determination in Yellow Fever Mosquito <i>Aedes Aegypti</i>	32.5 Lakhs	2017-2022	DBT
Identification and Characterisation of Genes Involved in the Sex Determination Pathway of <i>Callosobruchus Maculatus</i>	10.0 Lakhs	2017-2019	UGC-StartUp
<b>Dr. S. Thangminlal Vaiphei</b>			
Validation Studies of Radiation Induced Genes as Potential Molecular Biomarkers of Stress Response	10.0 Lakhs	2017-2019	UGC

## Department of Microbiology

<i>DST-FIST (Level-1 category)</i>	45.0 Lakhs	2017-2022	DST, GoI
<b>Prof. Pawan K. Dadheech</b>			
Evaluating Bioprospects of Extreme-Tolerant Canobacteria Inhabit Sambhar Lake of Rajasthan	8.7 Lakhs	2017-2020	DST-Rajasthan
<b>Dr. Arvind P. Singh</b>			
Mammalian Bladder is Not Sterile: Characterizing the Cattle (Cow) Urinary Microbiome for Understanding its Therapeutic Value	40.0 Lakhs	2017-2020	SERB-EQQ
<b>Dr. Akhil Agrawal</b>			
Mitigation of Microbial Souring in Oil Fields of Western Rajasthan	10.0 Lakhs	2017-2019	DST, Rajasthan
Development and demonstration of Biochemical Enhanced Oil Recovery (BcEOR) Technology for Marginal Oil Wells of Western India	148.0 Lakhs	2019-2022	IMPRINT2
Development and Scaleup of Desert Soilification technology (DST) for Land Reclamation in Western Rajasthan	35.0 Lakhs	2019-2022	DST-SSTP
<b>Dr. Nidhi Pareek</b>			
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



<b>Dr. Chandra Shekhar Gahan</b>			
Innovative Biohydrometallurgical Approach to Recover Metal Values from Petroleum Refinery Spent Catalyst	25.9 Lakhs	2015-2018	DST-SERB
<b>Dr. Deeksha Tripathi</b>			
Functional Characterization of FKBP Type Peptidyl Prolyl cis trans Isomerase (Rv2462c) of <i>Mycobacterium tuberculosis</i> for its Role in Stress Response of the Pathogen	10.0 Lakhs	2017-2019	UGC Start up
Identifying the Role of <i>Mycobacterium Indicus Pranii</i> (MIP) in Activating Host Innate Immune Response for Development of New Intervention Strategy to Combat Tuberculosis	55.4 Lakhs	2019-2022	DBT, India
<b>Dr. Vijay K. Verma</b>			
Characterization of Membrane/Secretory Proteins in <i>Helicobacter pylori</i> : Mystery of Bacterial Persistent Infection (An Interphase of Host-Pathogen Interaction)	35.0 Lakhs	2017-2022	DST-Inspire
Identification and Functional Characterization of Novel Membrane/Secretory Proteins in <i>Helicobacter pylori</i> Responsible for Host-pathogen Cross Talk and Pathogenesis	10.0 Lakhs	2017-2019	UGC

## SCHOOL OF MATHEMATICS, STATISTICS AND COMPUTATIONAL SCIENCES

### Department of Mathematics

<i>DST-FIST (Level-1 category)</i>	65.0 Lakhs	2016-2021	DST, GoI
<b>Prof. J.K. Prajapat</b>			
Investigation of Certain Open Problems in Planar Harmonic Mappings	6.6 lakhs	2018	SERB-MATRIX
<b>Dr. Amit Chakraborty</b>			
Mathematical and Computational Modelling of below Ground Nitrogen Biogeochemical Pathways using Systems Biology Approaches	21.14 Lakhs	2018-2021	DST-SERB
<b>Dr. Ram Kishor</b>			
Libration Orbits Mission Design with Perturbations	10.0 Lakhs	2017-2019	UGC
A Week Long Workshop on "Celestial Mechanics and Dynamical Astrology (CMDA-2019)	2.29 Lakhs	2018	IUCAA
<b>Dr. Jai Prakash Tripathi</b>			
Mathematical Modelling of the Biological Control Problems: Non-chemical methods in Population and Disease control	15.5 Lakhs	2018-2021	DST-SERB
Spatiotemporal Modelling of Schistosomiasis Transmission and Control under Various Demographic and Seasonal Environments	10.0 Lakhs	2018-2019	UGC
<b>Dr. Vipul Kakkar</b>			
Doubly Transitive Groups and Generalized Near-Domains	10.0 Lakhs	2018-2019	UGC
<b>Dr. Vijay Yadav</b>			
Fuzzy Modeling of Tolerance Automata and Rough Automata	10.0 Lakhs	2018-2019	UGC



## Department of Statistics

<b>Dr. Arvind Pandey</b>			
Modeling Frailty for Bivariate Survival Data Based on Reversed Hazard Rate.	10.0 Lakh	2017-2019	UGC
Modeling Frailty for Survival Data	9.72 Lakhs	2018-2020	SERB

## Department of Computer Science

Video Conference and Computer Lab facilities for M.Sc (Big-Data)	60.0 Lakhs		TCS
<b>Dr. A. Nagaraju</b>			
Efficient Resource Allocation in Cloud Environment	34.0 Lakhs	2015-2020	DietY

## SCHOOL OF PHYSICAL SCIENCES

### Department of Physics

<b>Prof. Manish Dev Shrimali</b>			
Explosive Oscillation Suppression in Coupled Nonlinear Oscillators	20.79 Lakhs	2017-2020	DST-SERB
Controlling Multistability in Hidden Attractors and its Applications	24.51 Lakhs	2016-2018	DST-RFBR
Multistability and Hidden Attractors in Dynamical Systems	66.33 Lakhs	2019-2021	DST-RSF
<b>Dr. Ajit K. Patra</b>			
Probing Electronic Structure of Cobaltite Thin Films	6.89 Lakhs	2017-2020	UGC-DAE CSR Indore
<b>Dr. Neeraj Panwar</b>			
Size Dependent Magnetic Properties of Mn Doped Rare Earth Orthochromites: A Neutron Power Diffraction Study (CRS-M-298)	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 New Delhi
<b>Dr. Brijesh K. Singh</b>			
Generation and Characterization of Super-Oscillatory Vector Beams	10.0 Lakhs	2017-2019	UGC
<b>Dr. Sandeep Kumar</b>			
Electrical Field Controlled Magnetism in InAs Semiconductor nanowires	18.19 Lakhs	2017-2020	DST-SERB
Ion Beam Induced Modification of Transport Properties of Mn Doped GaAs Nanowires	6.25 Lakhs	2015-2018	IUAC
Synthesis of Semiconductor Nanowire for Spintronics	6.0 Lakhs	2017-2019	UGC
<b>Dr. Sukhmander Singh</b>			
Numerical Modeling for the Stabilization of Plasma in a Hall Thruster	10.0 Lakhs	2017-2019	UGC-BSR
<b>Dr. Pradip Kumar</b>			
Graphene Base Composites for High Performance Thermally Conducting Interface and Electromagnetic Interference Shielding Applications	21.0 Lakhs	2016-2021	DST



## SCHOOL OF SOCIAL SCIENCES

### Department of Economics

<b>Dr. Hemlata Mangalani</b>			
Empowering Tribal Women through Microfinance: An Impact Study of Self Help Groups based Interventions in Southern Region of Rajasthan	7.0 Lakhs	2018-2020	IMPRESS, ICSSR
<b>Dr. Pragati Jain</b>			
Decoding Best Implementations of MJSA (Consulatncy Project)	1.50 Lakhs	2018-2019	IWMI, India

### Department of Public Policy, Law and Governance

<b>Dr. C. Jeevan Kumar</b>			
Digital Governance in India: A Case Study of Rajasthan with reference to Digital India Programme	6.50 Lakhs	2018-2020	ICSSR
<b>Dr. Gyana Ranjan Panda</b>			
Assessment of Policy Priorities for Low Carbon Economy in India	8.50 Lakhs	2015-2019	UGC-MRP
The Comparative Study of International Political Economy Perspectives of Financing the Clean Energy Sector in Selected Countries (India, China and Brazil)	20.0 Lakhs	2016-2019	ICSSR

### Department of Social Works

<b>Dr. Jagdish Jadhav</b>			
Enhancing Educational and Vocational Aspirations among Scheduled Caste and Scheduled Tribe Students: An Action Research in Underdeveloped District of Chhattisgarh	8.00 Lakhs	2017-2018	ICSSR, New Delhi
<b>Dr. Shaizy Ahmed</b>			
Jalsamwad: A WaSH based Communication and Capacity Building Initiatives	13.50 Lakhs	2016-2019	DST, NCSTC, New Delhi



## Theses and Dissertations

The students in various departments of the University submit a thesis and a dissertation towards the completion of their postgraduate and Ph.D. degree. This chapter contains the list of Ph.D., M.A., M.Arch, MBA, M.Com, M.Sc., M.Tech Theses and dissertations completed by students under the guidance of their respective supervisors. The following list contains the details of the student's theses and dissertations.

### PH.D. THESIS

Candidate Name	Department	Research Supervisor(s)	Thesis Title	Date of Viva-Voce
Mr. Akhilesh Kumar Sharma (2012PHDHINDI01)	Hindi	Dr. N. Lakshmi Aiyar	मृदुला सिन्हा के कथा साहित्य में मूल्य बोध	23 July 2018
Mr. Nishikant Nayak (2014PHDPPLG002)	Public Policy Law and Governance	Dr. Gyana Ranjan Panda	Climate Change and Federalism: The Study of Institutional and Policy Framework in India	25 July 2018
Ms. Shivani Sharma (2013PHDCH07)	Chemistry	Prof. R.T. Pardasani(RS) Dr. Devesh M. Sawant (JS)	New Synthetic Methodologies to Medicinally Relevant Heterocyclic Scaffolds	24 August 2018
Ms. Pakhuri Mehta (2012PHDPHARM01)	Pharmacy	Dr. Ruchi Malik	Development of Computational Models for Various agonists/ antagonists/inhibitors as Anti-epileptic Agents	3 October 2018
Ankit Sharma (2012PHDBC01)	Biochemistry	Dr. Chandi C. Mandal (RS) Dr. Vishavnath Tiwari (JS)	Assessment of Cellular Cholesterol and the Effect of Cold Exposure on Breast Cancer Growth and Metastasis	12 October 2018
Ms. Thokchom Nirmala Devi (2012PHDENG03)	English	Dr. Neha Arora	Arambam Somorendra's Dramas: A Window to the Realm of Reality	29 October 2018
Ms. Zainab Farhat (2014PHDPPLG005)	Public Policy Law and Governance	Prof. S.N. Ambedkar	Social Exclusion Among Muslims: A Study of Educational Access in Ghettos of Ajmer	30 October 2018
Ms. Monika Sheoran (2013PHDCH006)	Chemistry	(Late) Dr. Sunil G. Naik (RS) Dr. Anuj K. Sharma (AS)	Design, Synthesis and Applications of Bio-inspired Copper and Zinc Complexes	14 November 2018





Ms. Neha Somani (2012PHDMBA03)	Management	Dr. Avantika Singh	Determinants and Outcomes of Financial Capability and Financial Inclusion for Women Empowerment: An Empirical Study in Rajasthan	19 December 2018
Mr. Umesh Kumar Verma (2014PHDPH011)	Physics	Prof. Manish Dev Shrimali	Study of Dynamical States in Environmentally Coupled Oscillators	11 January 2019
Mr. Surendra Kumar (2014PHDPH010)	Physics	Dr. Neeraj Panwar	Investigations on the Magnetization Reversal and Magnetocaloric Effect of Doped Rare-Earth Orthochromites	21 January 2019
Ms. S. Prithvika (2012PHDENO2)	English	Dr. Bhumika Sharma	Expressions of Camus' Existentialism in Shashi Deshpande's Novels	23 January 2019
Mr. Mahesh Kumar Satoliya (2014PHDEN05)	English	Dr. Sanjay Arora	English Language Acquisition in Select Areas of Rajasthan: Illusion or Reality	01 February 2019
Ms. Urvi Singh (2014PHDCOM003)	Commerce	Dr. Ruchita Verma	Relevance of Forensic Accounting in Curbing Frauds: An Empirical Analysis of Indian Banking Sector	05 February 2019
Ms. Disha Soni (2013PHDCH002)	Chemistry	Dr. Raghu Chitta	Design and Study of Electro- and Photo-Active Materials for Energy Storage, Conversion, and Sensing Applications	21 February 2019
Ms. Garima Singh (2013PHDCH003)	Chemistry	Dr. Srinivasarao Yaragorla	Development of Novel Synthetic Strategies for N- Heterocycles and Their Biological Activities	02 April 2019
Mr. Divya Deep Singh (2012PHDMBA02)	Management	Dr. Sanjay Kumar	Development Pattern and Estimating Efficient Profitability Ratios of Cement Firms in India: A Financial Econometric Analysis	15 April 2019
Ms. Jyoti Lilar (2012PHDEC001)	Economics	Dr. Pragati Jain	Impact of Gender Inequality on Economic Growth: A Study of Indian States	15 April 2019



Ms. Meeta Bhati (2013PHDCH05)	Chemistry	Dr. Easwar Srinivasan	Design of Novel Organocatalysts for Enantioselective Carbon-Carbon Bond Forming Reactions and Applications	23 April 2019
Ms. Preeti Verma (2012PHDMB02)	Microbiology	Dr. Arvind Pratap Singh	Understanding the Ecology of Human Enteric Pathogens in Fresh Vegetables and Fruits	02 May 2019
Mr. Laxmidhar Panda (2014PHDCOM002)	Commerce	Dr. Neha Seth	Analysis of Spillover and Contagion Effect: An Empirical Study of International Stock Market	13 May 2019
Mr. Yogesh Verma (2014PHDMBA05)	Management	Prof. Maithili R P Singh	Consumer Perception and Satisfaction towards Indian Telecom Sector: An Empirical Study	15 May 2019
Ms. Anju Pandey (2014PHDPPLG001)	Public Policy Law and Governance	Dr. S. Kandasamy	Impact of Genetically Modified Food and Patent Laws on Farmers Rights in India: A Critical Legal Study	16 May 2019
Mr. Deepesh Kumar Neelam (2012PHDMB01)	Microbiology	Dr. Pawan K. Dadheech (RS) Dr. Akhil Agrawal (JS)	Diversity and Bioprospects of Culturable Heterotrophic Bacteria Inhabiting in Extreme Environments of Rajasthan, India	11 June 2019
Mr. Mobin Anwar (2013PHDMBA03)	Management	Dr. Sanjay Kumar	Anomalies in Pricing of Capital Assets in Indian Stock Market: An Empirical Analysis	24 June 2019
Ms. Sumitra Kumari Buraniya (2014PHDHINDI06)	Hindi	Prof. R. L. Meena (RS) Dr. Suresh Singh Rathore (JS)	सीकर जिले की बोली का समाजभाषावैज्ञानिक अध्ययन	25 June 2019
Mr. Deepak Badgurjar (2013PHDCH01)	Chemistry	Dr. Raghu Chitta	Synthesis and Study of Bis- and Tetra- Pyrrolic Panchromatic Dyes for Solar Energy Harvesting	27 June 2019
Mr. Nourat Singh Meena (2014PHDHINDI04)	Hindi	Dr. Jitendra Kumar Singh	विशेष )	28 June 2019

(RS-Research Supervisor; JS-Joint Supervisor, AS- Administrative Supervisor)



## DISSERTATIONS

### Department of Architecture

Candidate Name	Title of the Dissertation	Design Thesis	Supervisor Name
Avijit Chauhan	Role of 'Greens' in Developing Sustainable Campuses	Medical College at Gurugram	Ar. Ritu B. Rai
Gracy H David	Integrated urban water management (IUWM) and its implementation in the urban cities of India	Community Development Centre at Indore	Ar. Ritu B. Rai
Karan Lodhi	Revitalization of traditional bazaars through place making strategies: Case Study of Jaipur	Taj Orientation Centre	Ar. Ritu B. Rai
Mohit Sood	Challenges of Solid Waste Management Specific to Hill Cities,; Case Study of Shimla	Tourist Interpretation Centre at Dharamshala	Prof. Neeraj Gupta
Naveen S Chomal	Urban Floods in India: Case Study of Jaipur	Design Innovation Institute, Gurugram	Ar. Ritu B. Rai
Parul Sharma	Biophilic Architecture	Center for International Research On Human Unity, Auroville	Prof. Neeraj Gupta
Vishakha Nirwal	Post Occupancy Evaluation of Energy Efficiency of Green Rated Educational Campus	Indian Institute of Management, (IIM) Amritsar	Prof. Neeraj Gupta For Design Thesis Ar. Ritu B. Rai For Dissertation

### Department of Atmospheric Science

Candidate Name	Title of the Dissertation	Supervisor Name
Ashish Shaji	Impact of Microphysics on Simulation of Series of Thunderstorm over Delhi in May 2018 using WRF Modelling System	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Athul C. P.	Numerical Simulation of Cloudburst Event over Munsiyari, Uttarakhand using WRF Model	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Chandni Chandran	Simulation of Clear Air Turbulence for Mitigation of Aviation Weather Hazard using Weather Research and Forecasting Model	Prof. Someshwar Das & Dr. Subrat Kumar Panda
Jigisha Dhakar	Simulation of a Severe Winter Hailstorm Event over Delhi using Weather Research and Forecasting Model	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Merlin Jestic	The Simulation of Heavy Rainfall Event over Kerala using WRF Model	Prof. Someshwar Das & Dr. Subrat Kumar Panda
Midhun M.	Sensitivity Analysis of Parameterization Schemes in the Simulation of Winter FOG Events over Delhi using WRF Model	Prof. Someshwar Das & Dr. Subrat Kumar Panda



<b>Dissertations of M.Sc (Meteorology Students, University of Dhaka, Bangladesh)</b>		
Javed Meanddad	Study on the Relationship Between Lightning Flash Rate and Cloud Microphysical Parameters Derived through WRF Model	Prof. Someshwar Das & Dr. Subrat Kumar Panda
Khan MD Golan Rabbani	Study on Physical And Dynamical Properties of Pre-Monsoon Thunderstorm over Bangladesh Using WRF-ARW Model	Prof. Someshwar Das & Dr. Subrat Kumar Panda
Saurav Dey Shuvo	A Study on the Application of Numerical Models For Analyzing Flash Flood Events in Bangladesh	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Syeda Sabrina Sultana	Simulation of Hailstorm Events during Pre-Monsoon Period over Bangladesh	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Tanzim Rahman Pariha	A Study on Tropical Cyclone Track and Intensity Forecasting Technique In The Bay of Bengal	Prof. Someshwar Das & Dr. Subrat Kumar Panda
Umme Farzana Siddiqua Ela	Simulation of Interannual Variability of Summer Monsoon over Bangladesh using WRF model: The Role of El Nino, Southern Oscillation & Indian Ocean Dipole	Dr. Subrat Kumar Panda & Prof. Someshwar Das
Zannatul Ferdoushi	Simulation of Intraseasonal Variability of Summer Monsoon over Bangladesh Using WRF Modeling System	Dr. Subrat Kumar Panda & Prof. Someshwar Das

## Department of Biochemistry

<b>Candidate Name</b>	<b>Title of the Dissertation</b>	<b>Supervisor Name</b>
Abhishek Rao	Ocimum Sanctum Essential Oil Loaded Gelatin Miroencapsulation Nanoemulsion and their Biological Activity	Dr. Kiran Kumar Tejavath
Aditi Pareek	Investigation of Novel Inhibitors for Leishmania Donovanii Trypanothione Reductase	Dr. Vijay Kumar Prajapati
Arvind Kumari	A Study on the Effect of DNA Methyltransferase (DNMT1) on Breast Tumorigenesis	Prof C.C. Mandal
Archit Parashar	Cloning and Expression of 5' To 3' Exonuclease and Discovery of Novobiocin Structure-Based Inhibitors for Pfgyrb of Plasmodium Falciparum	Dr. Dhaneswar Prusty
Ashutosh Singh	Structure Based Discovery of Novel Stilbene Derivatives Inhibitors and Expression, Purification Of Histone-Like Bacterial Protein of Plasmodium Falciparum	Dr. Dhaneswar Prusty
Debarghya Mitra	Analysis of Wide Spectrum Substrate Catalysis by Dioxygenases for Engineering of Competent Rieske Enzymes: An In Silico Approach and Screening Study	Dr. Shiv Swaroop
Dhankesh Meena	Study on Bacterial Diversity of Sambhar Lake	Dr. Shiv Swaroop
Dhiraj Gurjar	Expression and Purification of Alpha Subunit of Apicoplast RNA Polymerase of Plasmodium Falciparum and Discovery of Inhibitors Against Apicoplast RNA Polymerase by In Silico Method	Dr. Dhaneswar Prusty
Dimpal Jain	Investigation of the Interaction of Allergens of Fragaria Ananassa with Ige Antibody	Dr. Vishvanath Tiwari



Hansa Regar	Identification of Best Peptide Adjuvant for Human Toll Like Receptors: An Immunoinformatics Approach	Dr. Vijay Kumar Prajapati
Hianshu Darji	Isolation and Identification of C1 Compound Utilizers from Soil Sample Collected from Sanganer	Dr. Shiv Swaroop
Pallavi Sharma	In-Silico Vaccine Design and In-Vitro Assessment of Anti-Microbial Milk Proteins against Salmonella Typhi	Dr. Vishvanath Tiwari
Ranjeet Verma	Arachidonic Acid-Dopamine (AADA) prevents Tumorigenic Potential in Breast Cancer Cells by Targeting Cholesterol Regulatory Molecule and ERK1/2 Signalling	Prof C.C. Mandal
Rashmi Tailor	Influence of Metformin on Osteoblast-Like Property and Epithelial to Mesenchymal Transition in Lung Cancer A549 Cells	Prof C.C. Mandal
Sunil Dara	Green Synthesis of Ag-Au Bimetallic Nanoparticle using Plant Extract and its Biological Activity	Dr. Kiran Kumar Tejavath
Tanya Pareek	In Vitro Expression and Purification of Leishmania Donovanii Trypanothione Reductase	Dr. Vijay Kumar Prajapati
Taruna Yadav	In-Silico Vaccine Design against Enterococcus Facium by using Reverse Vaccinology Approach	Dr. Vishvanath Tiwari
Vikas Chaudhary	Transcriptional Profiling of Apoptotic Genes in Cancer Cell Line Before and After the Treatment with Repurposed Drugs.	Dr. Kiran Kumar Tejavath

## Department of Biotechnology

Candidate Name	Title of the Dissertation	Supervisor Name
Ambika Kanwar	Identification of Amyloid Forming Region(s) in $\beta$ B Crystallins and their Implications in Human Cataract Formation	Dr. Jay Kant Yadav
Dhwani Jigyasa	Assessing the Effect of Aggregated forms of Antimicrobial Peptides on Biofilm Formation by <i>Bacillus subtilis</i>	Dr. Janmejy Pandey
Garima Bhati	Isolation and Cloning of SIHSF20 (Heat Shock Factor) Gene from Tomato	Prof. A.K. Gupta
Harshita Kasera	Identification and Characterization of Genes Involved in Sex-Determination Cascade of <i>Callosobruchus maculatus</i>	Dr. J.N. Shukla
Japleen Kaur	Assessment of Anti-Biofilm Activities of Graphene, its Oxidation Derivatives and Eugenol	Dr. Janmejy Pandey
Jigyasa Mulchandani	Studying the Cytotoxicity of Ancistrocladine A using <i>in vitro</i> Cell Based Approach	Dr. Pankaj Goyal
Mayuree Hazarika	<i>In-silico</i> Analysis of Promoter of <i>STK35L1</i>	Dr. Pankaj Goyal
Miti Mathur	Identification and Analysis of Type II Toxin-Antotoxin (TA) Modules from the Genome of <i>Bacillus pumilus</i>	Dr. S.T. Vaiphei
Poonam	Purification and Putative Serine Esterase Domain of PF11-0168a from <i>Plasmodium falciparum</i>	Dr. Tarun K. Bhatt
Ritu Goswami	Synthesis and <i>in vitro</i> Evaluation of PLGA Nanoparticles for the Delivery of Berberine	Dr. Surendra Nimesh





Shivam Singh	Expression Optimization Studies with Herpes Simples Virus-2 Subunit Vaccine Candidate Variant	Dr. Suman Tapryal
Sweta Bhardwaj	Isolation and Cloning of <i>SIDof14</i> (DNA Binding with One Finger) Gene from Tomato	Prof. A.K. Gupta
Vikas Kumar	$\alpha$ A-Crytallin Derived Peptide ( <sup>66</sup> SDRDKFVIFLDVKHF <sup>80</sup> ) Induces Aggregation of Soluble Proteins Isolated from Human Cataract Eye Lens	Dr. Jay Kant Yadav

## Department of Chemistry

Candidate Name	Title of the Dissertation	Supervisor Name
Ajay Kumar Dhiya	Design of Proline Based Bifunctional Squaramide and Triflamide Organocatalysts for Asymmetric Transformations	Dr. Easwar Srinivasan
Akanksha Yadav	Diversified Synthesis of Quinazoline Derivatives Via Transition-Metal Catalyzed Cyclocondensation Reaction	Prof. R. T. Pardasani
Akshita Agrawal	bis(Imino) Pyridine Palladium(II) Complexes: Synthesis and Catalytic Application	Dr. Chandrakanta Dash
Anju Kumari	A Serendipitous Degradative Dimerization of Morita-Baylis-Hillman Ketones: Synthesis of 2,4-Bisaryloyl Glutarates.	Dr. Easwar Srinivasan
Arav Kumar Meena	Synthesis of Cyclopentadiene Substituted Tellurium Compound	Dr. Thirumoorthi R
Ashok Kumar	Synthesis of Modified Nife-Ldh For Catalysis	Dr. Jony Saha
Biswaranjan Sahu	Phase Transfer of Cdse/Zns Quantum Dots By Using Capping Agents	Dr. Partha Roy
Dipshi Bhardwaj	Systematic Study of Photocatalytic Activity of 1d-Tio2	Dr. Partha Roy
Garvita Dhanawat	Synthesis of A Fluorescent Organic Dye And Study of Its Properties Through Computational Analysis	Dr. Ch Gupta Chandaluri
Harkirat Kaur	Polyaniline Nano Patterns for Electronic Devices	Dr. Ch Gupta Chandaluri
Ishan Sinha	Synthesizing Tio2 Nanowires in Different Dimension By Hydrothermal Process	Dr. Partha Roy
Kailash Mohar	Atomistic Simulations of SO <sub>2</sub> Interactions with Amino-Acid Based Bio-Degradable Ionic Liquids	Dr. A. P. Sunda
Kartikey	Thionyl Chloride Mediated Meyer-Schuster Rearrangements for the Synthesis Alpha-Beta-Unsaturated Carbonyl Compounds Under Milder Conditions	Dr. M. Bhanuchandra
Kiran Fulwari	Silver (I)-Catalyzed Reaction Between Pyrazoles and 3o-Propargyl Acetates	Dr. M. Bhanuchandra
Komal	Calcium Catalyzed Carbon-Nitrogen Bond Forming Reaction	Dr. Chandrakanta Dash
Komal Swami	Study the Inter-Molecular Electron and Energy Transfer Between Core-Shell Quantum Dots And Organic Compounds	Dr. Partha Roy



Kritika Dogra	Borate Based Electrocatalyst For Water Splitting	Dr. Jony Saha
Mahendra Jangid	Polyvinylpyrrolidone Templated Cobalt Phosphonates for Electrochemical Water Oxidation Reaction	Dr. Jony Saha
Maheshwari Ghotia	Synthesis of New N-Heterocyclic Carbene Based Gold(I) Complex and Its Catalytic Application	Dr. Chandrakanta Dash
Minakshi Kumari	Synthesis of Transition Metal Complexes of Ferrocenyl Acetylacetonate Derivatives	Dr. Thirumoorthi R
Mona Kumawat	Synthesis, Structure and Photophysical Studies of Naphthyl Substituted Tin Chlorides And Chalcogenides	Dr. Thirumoorthi R
Neeraj Khinchi	Synthesis and Characterization of Phenoxo-Bridged Dinuclear Zinc(II) Halide Complexes Containing N,N,O-Donor Ligand	Dr. Anuj K Sharma
Payal Birla	Synthesis of Tetrazole Fused Quinazolins Via Azide-Isocyanide Cross-Coupling Reaction	Prof. R. T. Pardasani
Pradhumn Singh Yadav	Atomistic Simulations of Cholinium Cation and Amino Acid Based Ionic Liquids	Dr. A. P. Sunda
Priya Yadav	Fluorescence Based Dip Sensors	Dr. Ch Gupta Chandaluri
Raja Devi Jogi	Stabilization of Reactive Binary $\text{SeCl}_2$ with 4-Methylpyridine-N-Oxide	Dr. Thirumoorthi R
Rajani Meena	Synthesis of Co-Ni Phosphate by Electrodeposition Method	Dr. Jony Saha
Raksha Agarwal	New Water Soluble N-Heterocyclic Carbene Ruthenium(II) Complex: Synthesis and Catalytic Application	Dr. Chandrakanta Dash
Reena	Synthesis of Vinyl Benzoates from Morita-Baylis-Hillman Ketones via an Unusual Rauhut-Currier Dimerization.	Dr. Easwar Srinivasan
Rolly Shardha	Reusable Organic Fluorophore for Selective Sensing of P-Nitroaniline and Picric Acid	Dr. Ch Gupta Chandaluri
Saavi Kaul	Scope of Synthesizing Triazoles under Metal-Free Condition using Sulfonyl Azide and Alkynes	Dr. M. Bhanuchandra
Sarita	Facile Access to N-Alkyl Substituted Hydrazines from Morita-Baylis-Hillman Ketones.	Dr. Easwar Srinivasan
Shivani Bhardwaj	Screening of Biological Activities of Designed Multifunctional Compounds (Mfcs) for Amyloid Inhibition, Ache Activities and Antioxidant Properties	Dr. Anuj K Sharma
Shweta Singhal	Evaluation of Quinoline Based Ru Complexes towards their Bsa Binding Interactions	Dr. Anuj K Sharma
Snehraj Gaur	Hydrophobic Interface Analysis of Amyloid B (1-42) Peptide Plaque Using Molecular Dynamics Simulations	Dr. A. P. Sunda
Sumitra Mahan	Transition-Metal Free Synthesis of 2-Arylphenols by an Snar Reaction of Dibenzothiophene-5,5-Dioxide	Dr. M. Bhanuchandra
Yogita Gupta	$\text{CO}_2$ Sequestration using Atomistic Simulations of Cholinium based Ionic Liquids	Dr. A. P. Sunda



## Department of Commerce

Candidate Name	Title of the Dissertation	Supervisor Name
Indu Bala	Corporate Social Responsibility: A Study of Indian IT Sector	Dr. Ruchita Verma
Jeena Ittoop	A Comparative Study of Financial Statements Prepared under Indian GAAP and IFRS	Dr. Dr. Sushila Soriya
Preeti Kumari	Economic Growth and its Association with Macro-Economic Indicators in India	Dr. Sushila Soriya
Rekha	Artificial Intelligence in Accounting: Prospects and Challenges	Dr. Sanjay Kumar Patel
Shivani	The Effect of Credit Policy on Financial Performance of Banks	Dr. Sanjay Kumar Patel
Vipra Jain	Corporate Governance and Its Impact on Firm Performance: An Empirical Study of Selected Indian Banks	Dr. Ruchita Verma
Vishal Kaushik	Customer Relationship Management Practices in Indian Banking Sector: A Study of Selected Indian Private and Public Sector Bank	Dr. Praveen Sahu

## Department of Computer Science

Candidate Name	Title of the Dissertation	Supervisor Name
Ajay Solanki	Android App Development (News App)	Mr. Gaurav Meena
Akash Chauhan	Building ml Solutions for Business Problems	Dr. Shatrupa Dash
Akhilesh Akhawat	Security Analysis of Various Authentication Protocols in w.s.n.	Dr. M. Hussain
Amrish Rajput	M-SEP: An Energy Efficient Protocol in Wireless Networks	Dr. Nagaraju
Avi Tomar	Anomaly Detection	Mr. Suresh Kumar
Bharat Dadwaria	Self Driving Toy Car a Len Scall Implementation of Autonomous Robot.	Dr. M. Hussain
Dheeraj Khiriya	High Security Image Segments with Modified Arnold's Cat Map.	Dr. Mamta Rani
Diksha Kumari	Detection of Breast Cancer using Deep Neural Networks.	Mr. Ravi Raj Choudhary
Dipanshu Saxena	A New Routing Technique for Wireless Sensor Networks.	Dr. Nagaraju
Gagandeep	Face Recognition Based Attendance System.	Athmin Technology
K K Jishnu	Image Dehazing With Generative Adversariol Networks.	Mr. Ravi Raj Choudhary
Manisha Kumari	Personalized Travel Packaged With Multiple Poi.	Dr. Krishna Kumar Mohbey
Monika Vishwakarma	Dynamic Fractal Generator Web Application.	Dr. Mamta Rani
Shalu	Intersion Detection System (Suricate And Shoet)	Dr. M. Hussain
Suparn Padma Patra	Nextgenmooc: A Mooc Aggretoogator	Mr. Vikas Kumar
Sudheer Raj	Particle Swarn Optimization based on Cha Sequence	Dr. Mamta Rani
Shourav Ranjan Dash	Use Neural Network Model to Dignose the Alzheimer's Disease	Dr. Nishtha Kesswani
Shubham Sharma	Adversarial Attacks on Facial Recognition Models	Mr. Ravi Raj Choudhary



## Department of Computer Science and Engineering

Candidate Name	Title of the Dissertation	Supervisor Name
Bharat Manral	Establishing Forensics Capabilities in the Presence of Superuser Insider Threats	Dr. Gaurav Somani
Hany Kumar	Identification of Potential Artifacts in Cloud Storage Application	Mr. Ravi Saharan
Ishu Kumar	Anonymous Censorship Circumvention using Combination of Applications and Identifiers	Dr. Gaurav Somani
Naziya Aslam	Black Hole Attack Detection and Avoidance in Ad-hoc On-Demand Distance Vector Routing Protocol	Dr. M. Hussain
Pramod Nagar	Intrusion Detection System in IOT	Dr. Nishtha Kesswani
Rakesh Parsad	Blockchain Technology for Healthcare	Mr. Ravi Saharan
Shweta Arora	Secure Key Establishment Mechanism for Heterogeneous clusters of IoT devices in Smart Environments	Dr. M. Hussain

## Department of Economics

Candidate Name	Title of the Dissertation	Supervisor Name
Aditi Rohatgi	Trading of Index Futures and its Impact on Underlying Spot Market Volatility in India	Dr. Pramod K Naik
Afsha Siddiqui	Cross Country Differences in Economic Growth: An Impact Analysis of Human Capital	Dr. Hemlata Manglani
Anupama	Analyzing the Impact of Social Sector Spending on Human Development and Economic Growth in India: An Empirical Analysis	Dr. Satyanarayana Murthy
Chetan Kumar	Foreign Investments in India	Dr. Mohd Hussain Kunroo
Chinmay Chimpa	Performance of Agriculture and Allied Sector in Rajasthan- An Exploratory Analysis from 1980-2017	Dr. Mohd Hussain Kunroo
Dharmendar Verma	Sustainable Agriculture and Food Security in India	Dr. Motiniva Nayak
Dinesh Kumar Meena	Impacts of Mukhya Mantri Jal Swawlamban Abhiyan on Groundwater and Agriculture Productivity in Rajasthan: A Case Study	Dr. Satyanarayana Murthy
Ekata Saini	An Empirical Analysis of Impact of Economic Growth on Employment in India	Dr. Motiniva Nayak
Ekta Kumari	An Econometric Analysis of Factors Affecting Dropout Rates in School and its impact on Economic Growth of India	Dr. Hemlata Manglani
Garima Singh	Econometric Analysis of Bilateral Trade of India with Bangladesh, China, Indonesia and Sri-Lanka With Special Reference to Tea Product: Gravity Model Approach	Dr. Hemlata Manglani
Hemraj Jat	Impact of MGNREGA on Women Empowerment in Rajasthan	Dr. Motiniva Nayak
Lavin Samria	A Study on Trends and Pattern of Women Employment in India	Dr. Motiniva Nayak
Mahesh Kumar Jangid	Does ICT (Information Communication and Technology) Affect India's Economic Growth	Dr. Satyanarayana Murthy



Mahima Jain	Child Under nutrition in BIMARU States of India	Dr. Pragati Jain
Mohammad Ibrahim	Horticulture in Jammu and Kashmir (Area and Production)	Dr. Mohd Hussain Kunroo
Monika Chauhan	Impact of Human Capital on Total Factor Productivity Growth: An Empirical Study of Cross Country Differences With Panel Data Approach	Dr. Hemlata Manglani
Nejaram Netar	NRHM- Its Implementation, Evaluation and State-wise Comparison	Dr. Mohd Hussain Kunroo
Paras Sachdeva	Analysis of Government Expenditure and Deficits at Center and State level using Structural VAR Model	Dr. Pramod K Naik
Prekhsa Jain	The Problem of Rising Non-Performing Assets in India: A Case Study of PNB	Dr. Pramod K Naik
Pulkita Jain	Examining the Institutional Investment Activities in Indian Stock Market	Dr. Pramod K Naik
Radha Meena	Cooking Fuel Uses in Rural India: An Inquiry into Pattern and Access	Dr. Motiniva Nayak
Rajani	An Econometric Analysis of Total Enrollment in Higher Education and It's Impact on GSDP	Dr. Hemlata Manglani
Raju	Impact of Public Debt on Economic Growth in India	Dr. Satyanarayana Murthy
Sakshi	An Analysis of Agricultural Development in Uttar Pradesh	Dr. Pramod K Naik
Sharadendu Sharma	An Impact of Health and Education on Economic Growth across Indian States	Dr. Pragati Jain
Shimla	Trade Integration versus Trade Diversification: An Empirical Analysis of BRICS Countries from 2001 to 2017	Dr. Mohd Hussain Kunroo
Shweta Sikhwal	An Econometric Analysis of Economic Growth of European Union: An Impact Analysis of Macroeconomic Indicators	Dr. Hemlata Manglani
Suman Lumror	Profitability of Banks in India: A Panel Data Analysis	Dr. Satyanarayana Murthy
Surbhi Sethi	Growth of Artificial Intelligence and Machine learning in Financial Modeling	Dr. Satyanarayana Murthy
Suruchi Shrimali	Measuring Health Capability in India: A Application of MIMIC Model	Dr. Pragati Jain
Tasleem Khanam	School Education in Rajasthan with Reference to Dropouts and Enrolment Rate	Dr. Pragati Jain
Vijay Kumar	Impact of Water Availability on the Efficiency of Agricultural Variables.	Dr. Pragati Jain

## Department of English

Candidate Name	Title of the Dissertation	Supervisor Name
Diksha	Seeking Freedom, Undoing 'Self': Discussing Bacha Posh in Afghanistan	Dr. Ved Prakash
Merin John	Animal Symbolism in Caste Based Films	Dr. Neha Arora





## Department of Environmental Science

Candidate Name	Title of the Dissertation	Supervisor Name
Aayushi Sharma	Qualitative Soil Erosion Mapping of Micro-watersheds of Khari River Basin	Dr. Devesh Sharma
Akanksha Rani	Assessment of Agro-climatic Indices over Banas River Basin, Rajasthan	Dr. Devesh Sharma
Amlan Nag	Correlation of Phenological Matrices with Climate Variables to Predict Future Scenarios over Rajasthan using Geospatial Technology	Dr. Laxmi Kant Sharma
Chetram Meena	Assessment of Organophosphate Pesticides Toxicity on Non-target Organisms ( <i>Rhizobium</i> , Earthworm and algae)	Dr. Garima Kaushik
Deepa	Water Quality Status of Government Installed Handpumps at Nandla village, Nasirabad, Rajasthan	Dr. Alok Kumar
Diksha Kumar	Land Use Change Prediction by using QGIS (MOLUSCE) Model for Ajmer City, Rajasthan	Dr. Devesh Sharma
Dimple	Assessment of Bisphenol A (BPA) Biodegradation by <i>Micrococcus Yannanensis</i>	Dr. Garima Kaushik
Himani Dhabhai	Modification of Magnetite Nanoparticles for Removal of Phenol Red from Aqueous Solution	Dr. Ritu Singh
Kavita Verma	Application of Dispersive Liquid Liquid Microextraction Coupled with UV-Visible Spectrophotometer for Determination of Malachite Green in Water Sample	Dr. Ritu Singh
Kshitij Divyansh	Geospatial Approach for Habitat Suitability Modeling of Flamingoes using Maxent Model in an Evanescent Ramsar Site, Sambhar Salt Lake, India	Dr. Laxmi Kant Sharma
Mitali Nagar	Surface Water Quality Assessment of an Artificial Eutrophicated Lake-Anasagar, Ajmer	Dr. Garima Kaushik
Milap Dashora	Nutrient Availability and Associated Bacterial Diversity in Feral Pigeon droppings from CURAJ Campus	Dr. Alok Kumar
Prabhat Kumar	Biodegradation of Polycyclic Aromatic Hydrocarbon Naphthalene by Bacterial Strain Isolated from Oil Contaminated Site of IOCL Refinery, Panipat, Haryana	Dr. Garima Kaushik
Preksha Palsania	Biodegradation of Phenanthrene by Potential Bacterial Strain Isolated from IOCL Jaipur: A Reductant Oil Storage Site	Dr. Garima Kaushik
Rajat Soni	Sustainability Assessment of the Central University of Rajasthan Campus using Ecological Footprint (as an Indicator) and Geospatial Technology	Dr. Laxmi Kant Sharma
Sachin	Assessment of Soil Quality using Geospatial Modeling: A Case Study of Sambhar Lake (A Ramsar Site), India	Dr. Laxmi Kant Sharma
Sandeep Kumar	Desertification Vulnerability Index of Banas River Basin, Rajasthan, India	Dr. Devesh Sharma
Sanjeet Kumar	Hydrochemistry of Anasagar Lake to Monitor the Trophic Status	Dr. Alok Kumar



Shashi Ranjan	Hydrochemical Status of Burhi Gandak River in Bihar	Dr. Alok Kumar
Vijayshree	Determination of Fluoride in Groundwater, Soil, Vegetables and Crop Seeds of Four Villages (Malasi, Odeet, Lukas Ladnun) of Ladnun Tehsil of Nagaur District, Rajasthan	Dr. Ritu Singh
Vikas Bhamu	Divulging Decadal (47 Years) Spatio-Temporal Landscape Dynamic Integrating Water Index of Sambhar Salt Lake (A Ramsar Site), Rajasthan, India	Dr. Laxmi Kant Sharma
Vikash Kumar Kharra	Assessment of Ground Water Quality of a Municipal Solid Waste Dumping at Sevapura, Jaipur	Dr. Ritu Singh

## Department of Hindi

Candidate Name	Title of the Dissertation	Supervisor Name
Hemant kumar Yadav	Kashinath Singh krit 'Rehan Par Raghu' Mein Chitrit Vridh Vimarsh: Ek Anushilan	Dr. Sandeep Ranbhirkar
Kaushlya	'Yamdeep' Mein Laingik Vimarsh: Ek Samikshatmak Adhyayan	Dr. Mamata khandal
Mukesh	'Ek kahani Yah Bhi' Mein Chitrit Stri Vimarsh	Dr. Sandeep Ranbhirkar
Mukesh	Bhagwandas Morwal Ke Pratinidhi Kahani Sangrha Mein Yugbodh (Dus Pratinidhi kaniyan)	Dr. Suresh Singh Rathore
Raghuveer Dan Charan	"Stri Pratirodh Ka Swar Aur Dardaja"	Dr. Suresh Singh Rathore
Rampyari	'Subaha Hone Tak' Mein Nari Samvedana Ka Swar	Dr. Suresh Singh Rathore
Ranju kanwar	Geetashri Krit Hasinabad Ka Samajik, Rajnitik Ewam Sanskritik Anushilan	Dr. Mamata Khandal
Subhangi Soni	Kamlesh Mathur Krit 'Thadi Ke Us Par W Anya Kahaniyan' Kahani Sangraha Mein Chitrit Adhunika Bodh	Dr. Mamata Khandal

## Department of Management

Candidate Name	Title of the Dissertation	Supervisor Name
Akash Sharma	A Study to Understand the Basic Functioning and Leadership Structure of SHGs in Alwar	Dr. Avantika Singh
Ambali Jain	Perception of Investors on Dematerialisation of Securities	Dr. Sanjay Kumar Garg
Amit Singh	Evaluating the Impact of Social Media on Traditional Marketing	Prof. M.R.P. Singh
Ankit Kumar Sinha	A Study of Brand Loyalty for Smart Phone	Prof. M.R.P. Singh
Ankita Yadav	Future of Securitization in India	Dr. Sanjay Kumar Garg
Bhumika Bunkar	Mutual Funds Market in Udaipur	Dr. Sanjay Kumar Garg
Khushboo Sharma	Comparative Analysis of Various Stock Broking Companies on the Basis of Activation Charges, Brokerage, and Services with respect to ANGEL BROKING	Dr. Sanjay Kumar Garg
M. Harish	A Study on Online Shopping Behavior of Consumers towards FMCG Products	Prof. M.R.P. Singh



Neelam Dayma	Factors Affecting Consumer Purchasing Behaviours through mobile Apps	Prof. M.R.P. Singh
Neetu Tailor	A Study on Consumer Perception Towards Online Shopping in Central University of Rajasthan	Dr. Jugal Kishor
Pooja Sati	Comparative Analysis of Non-Performing Assets of Public and Private Sector Banks	Dr. Sanjay Kumar Garg
Preksha Bafna	Factors Affecting Brand Switching Behavior in Telecom Industry	Dr. Jugal Kishor
Rajesh Ranjan	Dividend Policy and ITS Impact on Share Price	Dr. Shweta Sharma
Rakshanda Bhati	A Study on Brand Loyalty and Customer Satisfaction with Reference to Fashion Industry in India	Dr. Jugal Kishor
Saddam Hussain	Effect of Economic Policy and Political Uncertainty on Stock Market Performance	Dr. Shweta Sharma
Shila Oraon	A Study on Women Empowerment of SHG Members in Alwar	Dr. Avantika Singh
Viren Kapoor	Microfinance Institutions in India	Dr. Tulsee Giri Goswami
Vishal Dutt Sharma	Financial Performance of non-Banking Finance Companies in India	Dr. Shweta Sharma
Vishalkumar	The Effectiveness of Internet Advertising on Consumer Behaviour	Dr. Jugal Kishor
Vishal Prajapati	Selection Process of Portfolio by Individual Investors	Dr. Shweta Sharma
Yashasvi Kumpawat	A Study on Factors Influencing Consumer Buying Behaviour towards Cosmetic Products among Central University of Rajasthan Girls Students	Dr. Jugal Kishor
Yashwant Singh	A Comparative Study on Online Shopping and Offline Shopping with respect to Apparels	Dr. Jugal Kishor
Yogesh Tanwar	Impact of FIIs Performance of Nifty	Dr. Shweta Sharma

## Department of Mathematics

Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek	Effects of Through Flow on Newtonian Fluid in Porous Medium under Gravity Modulation	Dr. Anand Kumar
Anil Sunda	Normal Mode Analysis for Small Molecules.	Dr. Amit Chakraborty
Arjun Singh	Through Flow Effect in Walter-B Fluid Saturated Porous Media under Gravity Modulation	Dr. Anand Kumar
Ashu Ram Jahkar	Understanding of Coefficient Problem of Univalent Functions	Prof. Jugal K. Prajapat
Ayushi Bhutra	Some Applications of Normal Mode Analysis on Protein Structure.	Dr. Amit Chakraborty
Bhaskar Uday	On Fuzzy Rough Sets and Associate Topologies	Dr. Vijay Kumar Yadav



Dinesh Nayak	P-Adic Analysis	Dr. Vipul Kakar
Govind Swami	Normal Mode Analysis on Quaternary Structure of Protein.	Dr. Amit Chakraborty
Hansraj Arya	A Study of New Method (ASM) for Finding an Optimal Solution for Transportation Problems	Prof. D.C. Sharma
Hardeep Singh	Improved Transformation Technique to Solve Linear Fractional Programming	Prof. D.C. Sharma
Kartik Koushal Morya	Parametric Linear Programming	Dr. Vidyottama Jain
Kartik Sharma	Analysis, Interpretation, Conceptualization of Chemical Shift Data to Understand Protein Dynamics	Dr. Amit Chakraborty
Kavita Joshi	Through Flow Effect in Couple Stress Fluid Saturated Porous Layer Under Gravity Modulation	Dr. Anand Kumar
Khema Ram Tholiya	A Study of De Rham Cohomology	Dr. Vipul Kakar
Komal Joshi	A Study of Single Server Queue with Retrial Phenomena	Dr. Vidyottama Jain
Manisha Meena	On Fuzzy Lagrange's Theorem and Fuzzy Caley's Theorem	Dr. Vijay Kumar Yadav
Manoj Kumar	Effect of Oblateness on the Motion about the Equilibrium Points in the Jupiter-Europa System	Dr. Ram Kishor
Mansi Shekhawat	Study of Fuzzy Queues: A Parametric Non-Linear Programming Approach	Dr. Vidyottama Jain
Nashib	Analysis of NMR Spectroscopy and Protein Structure.	Dr. Amit Chakraborty
Navdeep Singh Verma	Some Methods to Solve Fuzzy Boundary Value Problem	Dr. Vijay Kumar Yadav
Neha Bhookar	Correlation between B-Factor and Chemical Shift to Uncover Protein Dynamics.	Dr. Amit Chakraborty
Nirmal Kumar Loona	Average Vogel's Approximation Method for Solving Transportation Problems	Prof. D.C. Sharma
Nitin Kumar Sharma	Effects of Through Flow on Newtonian Fluid under Gravity Modulation	Dr. Anand Kumar
Noman Zaki	Coalition Game Theory	Dr. Vidyottama Jain
Peeyushi Jain	Job Sequencing Problem	Prof. D.C. Sharma
Pradeep Yogi	Topological Groups	Dr. Vipul Kakar
Pratibha Mahan	An Overview of Lie Algebra	Dr. Vipul Kakar
Ramjeet Chaudhary	Concepts of Duality in Linear Fractional Programming Problems	Prof. D.C. Sharma
Ravindra Singh Deval	On Fuzzy Boundary Value Problem	Dr. Vijay Kumar Yadav
Sahil	Computation of Periodic Orbits for Proxima Centauri System	Dr. Ram Kishor
Sunil Bagwan	Computation of Orbits with Oblateness in the TRAPPIST-1 System	Dr. Ram Kishor
Varsha Choudhary	On Fuzzy Rough Sets and Associate Topologies	Dr. Vijay Kumar Yadav
Vikas Kumar Bokoliya	A Comparative Analysis of Assignment Problems	Prof. D.C. Sharma



## Department of Microbiology

Candidate Name	Title of the Dissertation	Supervisor Name
Aafrin Saba	Conventional and Molecular Characterization of Cyanobacteria Isolated from saline-Alkaline Lake Regions of Rajasthan	Dr. Pawan K. Dadheech
Ankita Bhatt	Dual Role of Microalgae: Biodiesel Production by Chlorella sp. and Isolated Zygnema sp. with Simultaneous Phycoremediation of Sewage Wastewater	Prof. Pradeep Verma
Ankita Solanki	Detection of Mycosporine-Like Amino Acid Produced by Cyanobacteria Isolated from Sub-humid Regions of Rajasthan	Dr. Akhil Agrawal
Anupam Chatterjee	Cloning and Expression Hypothetical Gene Hp0031 of Helicobacter Pylori	Dr. Vijay Verma
Ashish Kumar Dash	Bioleaching of E-waste using Iron Oxidizing (with and without Iron Supplement Medium) and Sulfur Oxidizing Bacteria	Dr. Chandra S. Gahan
Khushboo Jangid	Green Synthesis of Silver Nanoparticles Using Aqueous Extract of Cyanobacteria Isolated from Sambhar Lake, Rajasthan and Evaluation of their Antibacterial Activity	Dr. Pawan K. Dadheech
Nisha Kumari	Comparative Assessment of Zinc Recovery from Zinc Sulfide Concentrate in Redox Controlled and Non-Controlled Leaching	Dr. Chandra S. Gahan
Nishant Shekhar	Structure Based Identification of Novel Mycobacterium Tuberculosis Protein Tyrosine Phosphatase B (ptpB) Inhibitors:insite from Docking, Molecular Dynamics Simulation and Quantum Mechanics Calculation	Dr. Deeeksha Tripathi
Pooja Sharma	Evaluating Combination of FDA Approved Drugs as Antibacterial and Anti-biofilm Agent against Multi Drug Resistant Bacteria using Drug Repositioning Approach	Dr. Arvind P. Singh
Prachi Jain	Cloning and Expression Profiling of a Hypothetical Protein Hp0033 in Helicobacter pylori	Dr. Vijay Verma
Ruchi Priya	Cloning and Protein Expression Analysis of Uncharacterized Protein HP1457 of Helicobacter Pylori	Dr. Vijay Verma
Sarita Tailor	Polymeric Nanoparticle Mediated Delivery of Curcumin for the Treatment of Cancer	Dr. Nidhi Pareek
Shivananda Behera	Repurposing FDA Approved Drugs with Azithromycin as Antibacterial and Antibiofilm Agents against Multidrug Resistant Bacteria	Dr. Arvind P. Singh
Simran Ahmed	Repositioning of FDA Approved Drugs as Anti-bacterial and Biofilm Inhibitors	Dr. Arvind P. Singh
Srishti Lokwani	Desert Soilification Technology to Transform the Sand of Arid Regions of Western Rajasthan	Dr. Akhil Agrawal
Thomson Hazarika	Novel Immunoinformatics Approaches to Design Multi-epitope Subunit Vaccine by Investigation of M. Tuberculosis Protein Tyrosine Phosphatase A (ptpA)	Dr. Deeeksha Tripathi
Teena Yadav	Nickel Bioleaching from Spent Petroleum Catalyst in OK and 4.5K Medium using Iron and Sulfur Microorganism	Dr. Chandra S. Gahan





## Department of Pharmacy

Candidate Name	Title of the Dissertation	Supervisor Name
Manish Ramchandani	Inhibitory Profile of <i>Cassia siamea</i> on Enzymes involved in Diabetes Mellitus	Prof. Vipin Kumar
Mohini Mishra	Design, Development and Characterization of Lipid-based Nanocarriers for the Delivery of Methotrexate	Dr. Kaisar Raza
Naman Jain	Synthesis of 4H,11bH-[1,2,4,5]oxatriazino[5,6-c] Quinazoline-6-amine by [3+2] Cycloaddition Azomethine Imine and Nitrile Oxides	Dr. Devesh M. Sawant
Om Prakash Sharma	Synthesis and Molecular Modeling Studies of Synthetic Analogues of ZSTK-474: a PI3K Inhibitor	Dr. Ruchi Malik
Purushottam Kumar Thakur	Improving Pharmacokinetic Profile of Ponatinib: A Multikinase Drug	Dr. Ruchi Malik
Rafquat Rana	Sialic Acid Conjugated Chitosan Nanoparticles: Modulation to Target Tumour Cells and Therapeutic Opportunities	Prof. Vipin Kumar Dr. Umesh Gupta
Rakesh Kumar Sahoo	PEGylated Dendrimer Mediate Delivery of Bortezomib	Dr. Umesh Gupta
Vinay Kumar	Preparation, Characterization and <i>Invitro</i> Evaluation of Dendrosomes for Anticancer Drug Delivery	Dr. Devesh M. Sawant Dr Umesh Gupta

## Department of Physics

Candidate Name	Title of the Dissertation	Supervisor Name
Akash Kumar Meena	Rayleigh Instability in Dusty Plasma	Dr. Sukhmander Singh
Amita Semwal	Review on Thermoelectric Effect in Heusler Alloys	Dr. Ajit K Patra
Anita	Structural Analysis of Various Double Pervoskites	Dr. Ajit K Patra
Anjali	Shrimalisynchronization	Prof. Manish Dev
Anju Kumari	Nickelates	Dr. Ajit Kr. Patra
Ansary Narzary	Study of Reduced Graphene Oxide Silicone Schottky Diode	Dr.Sandeep Kumar
Anuraj Sunda	Terahertz Radiations: Generation by Plasma and Applications	Dr. Sukmander singh
Arvind Gunawat	Review on Gradient Drift Instability in a Magnetized Plasma	Dr. Sukhmander Singh
Bhavana Avasthi	Surface Optical Phonons in Gaas Nanowires	Dr. Sandeep Kumar
Bhuvnesh Brawar	Resource Budget Model	Prof. Manish Dev Shrimali
Ekta Singh	Experimental Studies on Detection of Adulteration into Honey	Dr. Rajneesh Kr. Verma
Hem Kanwar Rathore	Synthesis and Structural Characterization of Lead-Free Ceramics	Dr. Neeraj Panwar
Krishana Meena	Semiconductor Nanowire for Photovoltaic Applications	Dr. Sandeep Kumar
Manoranjan Giri	Formation of Optical Needle by Using Computer Generalized Holograms	Dr.Brijesh Kr. Singh
Madhavi Pachouri	Review on Spin Pumping in Bilayer Thin Film	Dr. Ajit K Patra



Namrata Verma	Waves and Instability in a Collisional Plasma	Dr. Sukhmander Singh
Naveen Vanveru	Schwinger Bosonic Representation for Spin Systems	Dr. Rakesh Kumar
Nikita Rao	Energy Harvesting from Ambient Vibration Using Piezoelectric Transduction Mechanism	Dr. Neeraj Panwar
Ojaswi Tandi	Resistive Switching Memory: History as Motion Detector	Dr. Neeraj Panwar
Pankaj Jinagal	Fabrication of Reduced Graphene Oxide/Polymer Composite Thin Film	Dr. Pradip Kumar
Pooja Jain	Non-Boltzmann Ensemble: A Study with Wang-Landau Algorithm	Prof. KPN Murthy
Pooja Saini	Jarzynski Identity	Prof. KPN Miurthy
Prachi Nimbawat	Synthesis of Indium Arsenide Nanowire with Gallium Doping	Dr. Sandeep Kumar
Pramod Kumar Bhardwaj	A Study of Mean First Passage Time of Random Walk on a One Dimensional Lattice	Prof. KPN Murthy
Pukh Raj Khemda	Study of the Optical Vortex Beam and Vortex Array	Dr. Brijesh Kumar Singh
Raghuveer Singh Yadav	Formation and Structural Property of Double Perovskites	Dr. Ajit K Patra
Rajesh Kumar	Determination of Mobility and Carrier Density in P-Type Gaas Nanowire by Raman Spectroscopy	Dr. Sandeep Kumar
Ramavtar Dhanda	A Study of Chaotic Dynamics of the Lorentz System	Prof. Manish Dev Shrimali
Renu Bhati	Synthesis of Highly Functionalized Graphene Oxide	Dr. Pradip Kumar
Renu Kumari	Rare Earth Orthoferrites	Dr. Ajit K Patra
Rohit Pal Choudhary	2D Material-An Introduction	Dr. Neeraj Panwar
Sachin Yadav	Extraction of Dispersion Relation of Mxene Layer Andits Application in Fiber Optics Biosensing	Dr. Rajnessh Kr. Verma
Sakshi Gautam	Synthesis of Graphene Oxide and Thin Film Fabrication	Dr. Pradip Kumar
Sanju Mahich	Metallic Antiferromagnetic Material	Dr. Ajit K Patra
Seema	Magnetization Reversal	Dr. Neeraj Panwar
Seema Dukiya	Study of Pearcey Beam	Dr. Brijesh Kr. Singh
Shankar Ghotia	Review of Perovskite Solar Cell	Dr. Neeraj Panwar
Shubham Dwivedi	A Study of Laser Dynamics and their Coupling Li	Prof. Manish Dev Shrima
Sushmita Swain	Study of Weber Beams: Non-Diffracting Accelerating Beams	Dr. Brijesh Singh
Surbhi Sharma	Designing a SPR Based Fiber Optic Fluoride Sensor	Dr. Rajneesh Kr. Verma
Tulchhi Ram	Study of Nonlinear Propagation of Electromagnet Beams in Ionosphere	Dr. Rajneesh Kr. Verma
Vijendra	Synthesis and Properties of Size Dependent Graphene Oxide	Dr. Pradip Kumar
Vikram Singh Regar	A Study of Population Dynamics	Prof. Manish Dev Shrimali
Vishal Yadav	Synthesis and Structural Characterization of Cobalt Based Double Perovskites	Dr. Ajit K Patra



## Department of Public Policy, Law and Governance

Candidate Name	Title of the Dissertation	Supervisor Name
Gautam Kumar	Water Sector in Rajasthan's Climate Change Policy: A Special Reference to Water Security Issue	Dr. Anjan Kumar Sahu
Harish	The Role of Antyodaya-Saral Portal in Public Service Delivery through Digitalisation: A Case Study of Mahendragarh District of Haryana	Dr. Gyana Ranjan Panda
Vishal Kumar	Requirement of Initiating A Referendum Policy in Public Universities in India: a Critical Study of the Central University of Rajasthan	Dr. S. Kandaswamy

## Department of Social Work

Candidate Name	Title of the Dissertation	Supervisor Name
A Kaini	A Study on the Utilization of Public Distribution System among BPL Families in Rural Villages of Rajasthan	Mr. Dandub Palzor
Ekta	An Assessment of Children's Happiness and Emotional Wellbeing in the Slums of Delhi	Dr. Shaizy Ahmed
Ganesh Shankar Tiwari	A Study on Learning Outcome of Government-Run Primary School in Rural Village of Kishangarh Rajasthan	Dr. Shaizy Ahmed
Hemraj Bairwa	Stress Among Youth Appearing in Competitive Examination for Government Jobs	Dr. Subhasis Bhadra
Jabir P	A Study on Psycho-Social Wellbeing of The Youth of Oontra Village, Ajmer, Rajasthan	Dr. Atiq Ahmed
Littine Lalson	A Study on the Perceived Social Support and Aspirations of Adolescent Orphans Living in Orphanages in Jaipur and Ajmer	Dr. Rajeev M.M.
Shashank Kumar	Impact of Virtual Community on Forming Individual's Pro-Social Behavior and Challenges	Dr. Subhasis Bhadra
Sheetal	A Study on Psychosocial Problems of Children Living in Prayas Boys Children Home	Dr. Atiq Ahmed
Vikas Tak	A Study on Youth Participation and Aspiration in Making Ideal Village: A Success Story of Kadel Village in Ajmer District	Dr. Jagdish Jadhav

## Department of Statistics

Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Kr. Jilowa	Odds xgamma - Exponential Distribution: Properties, Different Method of Estimation and Application	Dr. Abhimanyu Singh Yadav
Anjali Mittal	Topp-Leone Chen Distribution: Statistical Inference and Application	Dr. Abhimanyu Singh Yadav
Anita Choudhary	Improved Ratio-and Product- Type Estimators for Population Mode Using Transformed Auxiliary Variable in Simple Random Sampling	Dr. Sanjay Kumar



Archana Chaudhary	Inverse Slashed Pareto Distribution- Properties and Applications	Dr. Deepesh Bhati
Arvind Singh Sekhawat	Odds xgamma - Burr Distribution: Statistical Inference and Application	Dr. Abhimanyu Singh Yadav
Ashita Laddha	Improved Ratio and Product Type Estimator of Population Mode using Transformed Auxiliary Information in Two Phase Sampling	Dr. Sanjay Kumar
Bhanupriya Pareek	Parametric Bootstrap Control Chart for Logistic Exponential Percentiles	Dr. Mahendra Saha
Caroline Paschal Lengwa	Ruin Probability for Weighted Exponential Claim Severity	Dr. Deepesh Bhati
Chitralkha Soni	Testing of Exponential Distribution under Hybrid Censoring	Dr. Arvind Pandey
Dhirendra Kumar	Bayesian Unit Root Test for an AR(1) Model with Trend Approximated by Linear Spline Function	Dr. Jitendra Kumar
Divya Senger	Predictive Ratio and Product Type Estimator for Population Mean in the Presence of Correlated Measurement Errors	Dr. Sanjay Kumar
Gourav Doodwal	Estimation of Generalized Process Capability Indices: A Comparative Study	Dr. Mahendra Saha
Harshit Kumar Alawat	Transformed Ratio and Product Based Estimators for Population Mean using Auxiliary Variable in the Presence of Correlated Measurement Errors	Dr. Sanjay Kumar
Nandini Raghav	Survival Data Analysis using SAS and R	Dr. Arvind Pandey
Rajdeepak Sahu	Bootstrap Confidence Intervals of the Difference between Two Generalized Process Capability Indices for Normally Distributed Quality Characteristic	Dr. Mahendra Saha
Rajni Prajapat	Analysis and Detection of Change Point on Daily Temperature Data over 4 cities of Rajasthan: The Role of Atmospheric-Oceanic Phenomenon	Dr. Deepesh Bhati Dr. Subrat Kumar Panda
Sachin Chauhan	Different Confidence Interval for Reliability Characteristics for Power Lindley Distribution	Dr. Abhimanyu Singh Yadav
Saichetana R Tokachichu	An Integrated Approach of Faculty and Researcher's Ranking	Dr. Jitendra Kumar
Saranjeet Kaur	Modelling for Tuberculosis Data Using Non-Homogeneous Poisson Process for New York City	Dr. Arvind Pandey
Shipra Shukla	The Comparative Study of Artificial Intelligence and Statistical Techniques Using SAS and R for Credit Scoring	Dr. Arvind Pandey
Vikas Rundela	A Log-Extended Generalized Exponential Distribution: Properties and its Applications	Dr. Deepesh Bhati
Vishal Alha	Time Truncated Acceptance Sampling Plan for Generalized Half-Normal Distribution	Dr. Mahendra Saha



## Student Placements

### DEPARTMENT OF ARCHITECTURE

Name of the Students	Organization/ Company Name
Avijit Chauhan	Architect, Ma`ayish Architects
Gracy H David	Assistant Professor, Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV)
Naveen S Chomal	Assistant Professor, Lovely Professional University
Vishakha Nirwal	Green Building Analyst, Design 2 Occupancy
Karan Lodhi	Proprietor, Karan Lodhi Associate
Mohit Sood	Architect, Greentree Global
Parul Sharma	Architect(Community Service), Isha Foundation, Coimbatore, Tamil Nadu

### DEPARTMENT OF BIOCHEMISTRY

Name of the Students	Organization/ Company Name
Dhankesh Meena	Ph.D., Central University of Rajasthan
Himanshu Dharji	Project Fellow, CSIR IMTech
Debrgaya Mitra	Project Fellow, MBU IISc
Vikas Chaudhary	Project Fellow, MBU IISc

### DEPARTMENT OF BIOTECHNOLOGY

Name of the Students	Organization/ Company Name
Ms. Ritu Goswami	Project Fellow, National Institute of Malaria Research, Delhi
Mr. Shivam Singh	Project Fellow, CSIR-Institute of Genomics and Integrative Biology, Delhi
Ms. Jigyasa Mulchandani)	Apprentice, Zydus Cadila Healthcare, Ahmedabad
Ms. Miti Mathur	Project Fellow, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore
Ms. Harshita Kasera	Ph.D., Indian Institute of Technology Jodhpur, Jodhpur

### DEPARTMENT OF CHEMISTRY

Name of the Students	Organization/ Company Name
Hemraj Sharma	Ph.D., TIFR Hyderabad
Usha Mishra	Ph.D., University of Hyderabad
Anupama Kiran	Ph.D., IIT Madras
Pappu	Lab Assistant, Rajasthan State Govt





ChandraMohan Meena	Assistant Professor (Adhoc.), University of Delhi
Rohit Jain	Primary Teacher (PRT), Rajasthan School Education
Poonam	Primary Teacher (PRT), Rajasthan School Education
Aishwarya	Primary Teacher (PRT), Rajasthan School Education
Hemraj Gupta	Post Graduate Teacher (PGT), Rajasthan School Education
Ambika Meena	Post Graduate Teacher (PGT), Rajasthan School Education
Garvita	Technical Assistant, Bhabha Atomic Research Centre (BARC )
Sumitra	Post Graduate Teacher (PGT), Rajasthan School Education

## DEPARTMENT OF COMPUTER SCIENCE

Name of the Students	Organization/ Company Name
Ajay Solanki	Software Engineer, Gram-Cover
Akash Chauhan	Data Scientist, SPi Global
Gagandeep	Technical Assistant, National Science Centre, New Delhi
K K Jishnu	Assistant Software Engineer, TCS
Amrish Rajput	Technical Assistant, National Science Centre, New Delhi
Suparn Padma Patra	Full Stack Engineer, Class Central, Inc (Remote)

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of the Students	Organization/ Company Name
Shweta Arora	Informatics Assistant, Ajmer Vidhyut Vitaran Nigam Ltd. (AVVNL) Ajmer
Rakesh Prasad	Software Developer, Athmine Technology, Gurugram
Hany Kumar	Trainee Software Engineer, IMNWI innovation Pvt. Ltd, Bengaluru

## DEPARTMENT OF ECONOMICS

Name of the Students	Organization/ Company Name
Surbhi Sethi	Ph.D., MNIT, Jaipur
Suruchi Shrimali	Ph.D., IIT Kanpur
Paras Sachdeva	Ph.D., IIT Kanpur
Aditi Rohatgi	Ph.D., Central University of Rajasthan
Chinmay	Ph.D., Central University of Rajasthan

## DEPARTMENT OF ENVIRONMENTAL SCIENCE

Name of the Students	Organization/ Company Name
Prabhat Kumar	Ph.D., Jawaharlal Nehru University, New Delhi
Milap Dashora	Ph.D., Central University of Rajasthan



Chetram Meena	Environmental Specialist, Agribiotech Firm, Alwar
Sanjeet Kumar	Environmental Officer, JM Environet, Jaipur

## DEPARTMENT OF MANAGEMENT

Name of the Students	Organization/ Company Name
Akash Sharma	Management Trainee, Windmoller And Holscher Corporation, Germany at New Delhi
Ankit Kumar Sinha	Sales Officer, Interglobe Technology Quotient, Jaipur
Ankita Yadav	Investment Advisor, Sharekhan, Ajmer
Bhumika Bunkar	Ph.D., Central University of Rajasthan
Neetu Tailor	Consultant, Dr. Bharti Holistic Wellness Pvt. Ltd, Delhi
Pooja Sati	Sales Trainee, Fincart Financial Planners Pvt. Ltd., Noida
Vishal Prajapati	Sales Trainee, Fincart Financial Planners Pvt. Ltd, Bengalore
Yashasvi Kumpawat	Trainee, ICICI Prudential, Ajmer
Yashwant Singh	Sales Officer, Swiggy, Amritsar

## DEPARTMENT OF MICROBIOLOGY

Name of the Student	Organization/ Company Name
Mr. Saket Kashyap	Faculty, Allen institute

## DEPARTMENT OF PHARMACY

Name of the Students	Organization/ Company Name
Mohini Mishra)	Ph.D., I.I.T. Banaras Hindu University (B.H.U.), Varanasi
Rafquat Rana	Ph.D., CSIR-Central Drug Research Institute, Lucknow
Rakesh Kumar Sahoo	Ph.D., Central University of Rajasthan
Vinay Kumar	Ph.D., Central University of Rajasthan
Omprakash Sharma	Ph.D., Central University of Rajasthan
Dr. Pakhuri Mehta	Postdoctoral Research Associate, University of Warsaw, Poland

## DEPARTMENT OF PUBLIC POLICY, LAW AND GOVERNANCE

Name of the Student	Organization/ Company Name
Harish	Post Graduate Teacher, Tagore Senior Secondary School, Nagaur, Rajasthan

## DEPARTMENT OF PHYSICS

Name of the Students	Organization/ Company Name
Sahil Aneja	Post Graduate Teacher, KV, Bhavnagar Gujrat
Omprakash Yadav	Post Graduate Teacher, KV, Rajkot



Dhan Singh Meena	Post Graduate Teacher, KV, Rohini, New Delhi
Dhan Singh Meena	2ndGrade Teacher, Rajasthan Public Service Commission
Balram Meena	2ndGrade Teacher, Rajasthan Public Service Commission
Mamta Choudhary	3rdGrade Teacher, Rajasthan
Khusbhu Nagar	3rdGrade Teacher, Rajasthan
Ojaswi Tandi	Post Graduate Teacher, JNV Paikmal, Bargarh
Anjali	Lecturer, R.K Patni Girls College, Kishangarh, Ajmer
Tulchi Ram	Ph.D., Institute of Plasma Research Gandhinagar
Pinky Yadav	Ph.D., Department of atomic energy (DAE) RRCAT Indore
Swarnendu Mandal	Ph.D., Central University of Rajasthan

## DEPARTMENT OF SOCIAL WORK

Name of the Students	Organization/ Company Name
A Kaini	Management Trainee, Concentrix, New Delhi
Ekta	Coordinator, Nipun (NGO), West Delhi
Ganesh Shankar Tiwari	Teaching Assistant, Borthakur IAS Academy, New Delhi
Hemraj Bairwa	Youth Volunteers (Paid) Nehru Yuva Kendra, Ajmer, Rajasthan
Jabir P	Teaching Assistant, Green Valley Academy, Malapuram, Kerala
Littine Lalson	Project Assistant, Fishermen Community Development Programme, Kollam, Kerala
Shanshank Kumar	Field Officer, Azim Premji Foundation, Jharkhand
Sheetal	Counselor in child-line Project, Prayash, New Delhi
Vikas Tak	Assistant Project Officer, Sarvmangal Grameen Vikhash Sansthan, Devpura, Bundi, Rajasthan

## DEPARTMENT OF STATISTICS

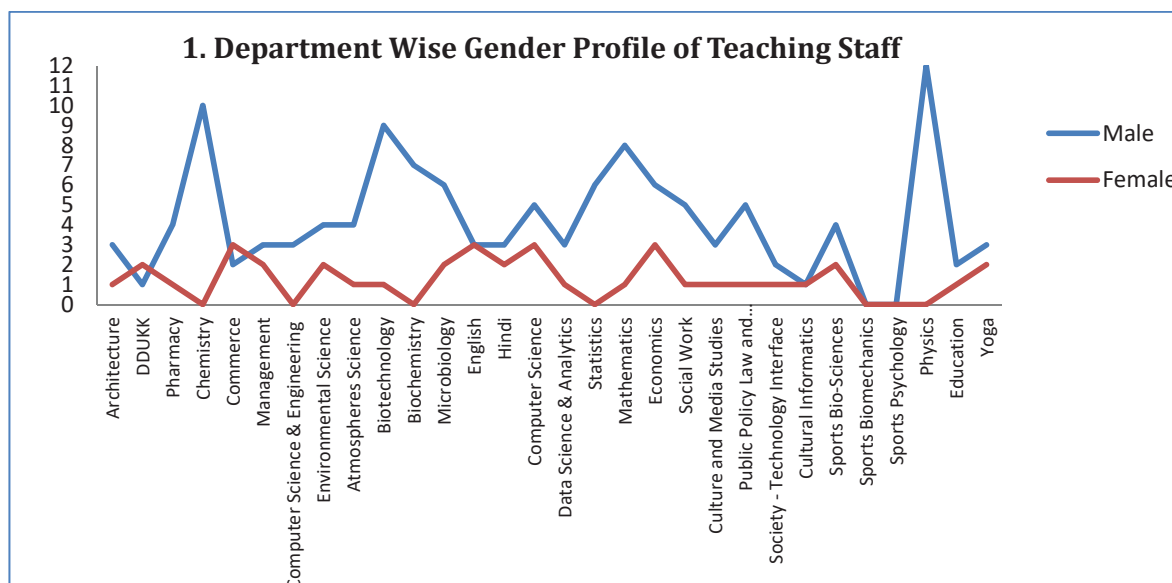
Name of the Student	Organization/ Company Name
Praduman Katar	Statistician, MRHRU Una, Himanchal Under NJI&OMD(ICMR)



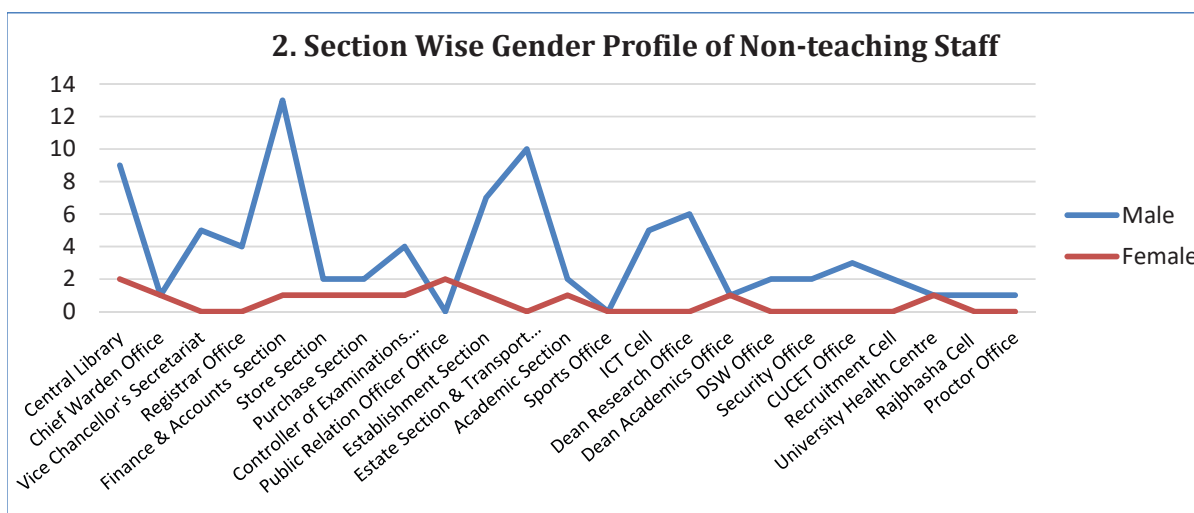
## Gender Audit

The Gender Audit Committee of the University conducted the Audit for the year 2018-19. The parameters include staff and student profile, their achievements (on and off-campus), infrastructural facilities, etc. A brief report is presented as follows:

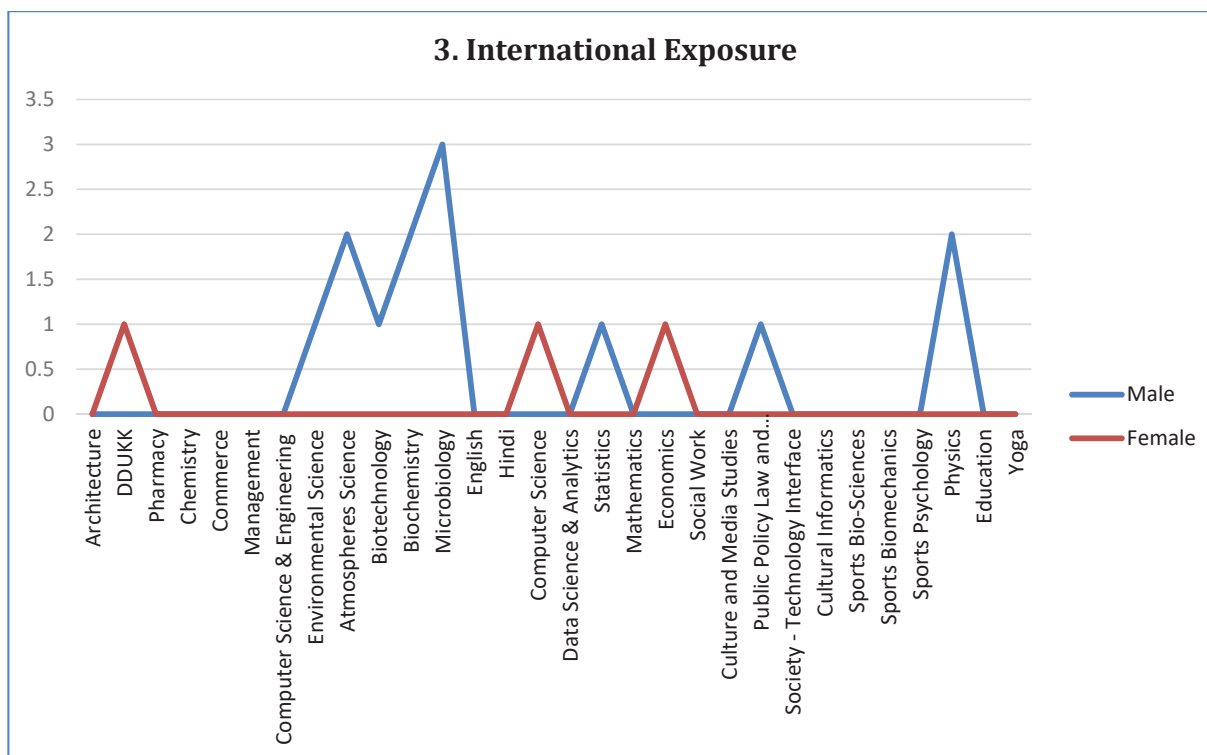
### GENDER AUDIT OF UNIVERSITY STAFF (TEACHING AND NON-TEACHING)



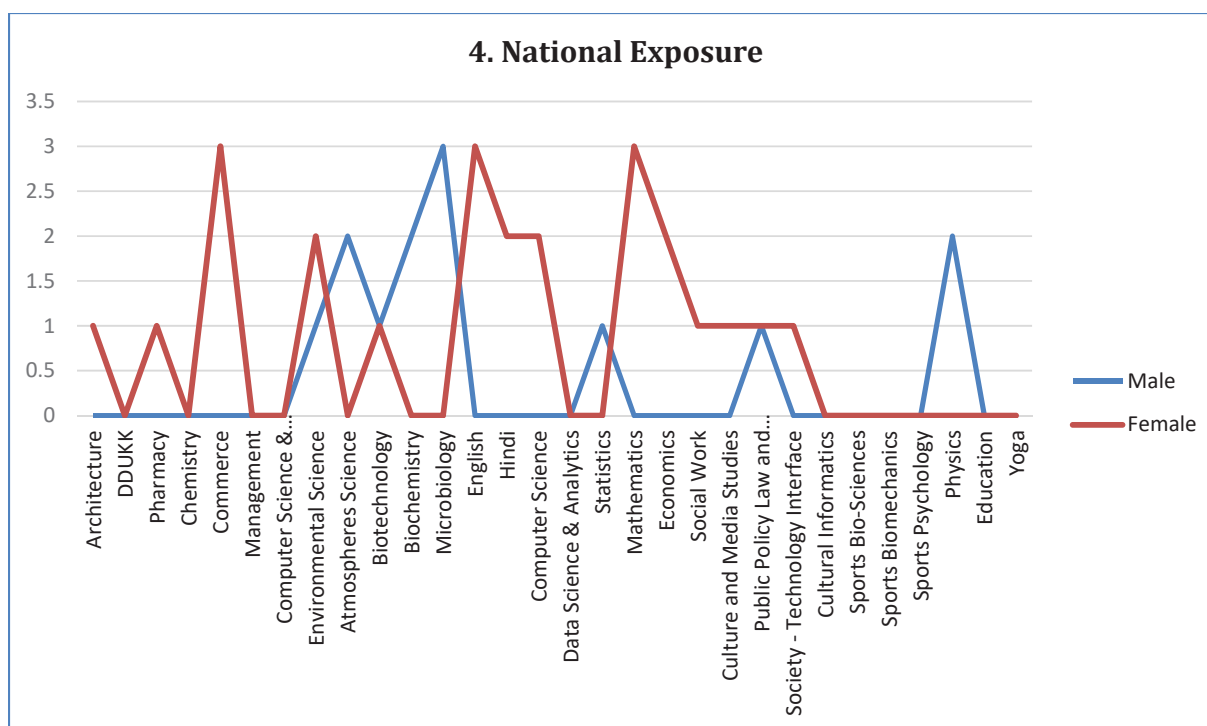
Except for departments of English and Management, in almost all departments the number of male faculty exceeds the female member. In fact, departments like Chemistry, Computer Science & Engineering, Atmospheric Science, and Microbiology do not have any female representation.



Female representation is fairly low in Administrative departments.

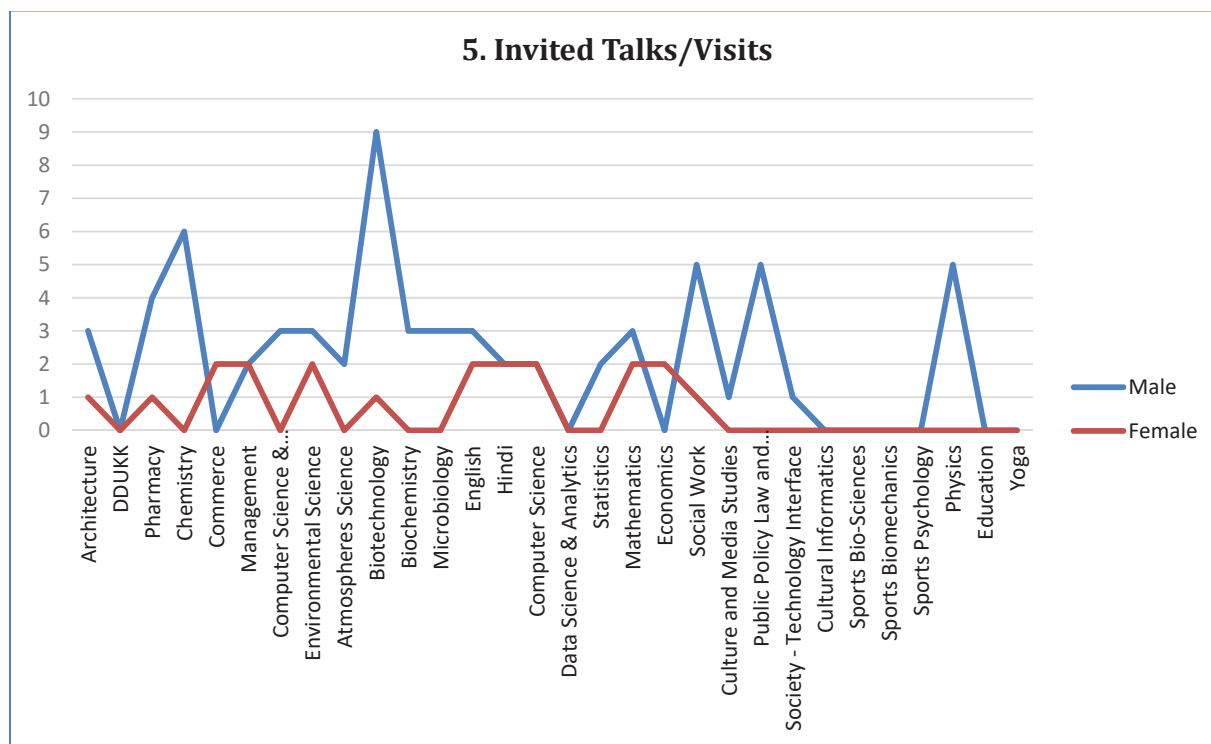


In 2018-19, more male faculty members have visited foreign universities and institutions for Conferences, Talks, etc.

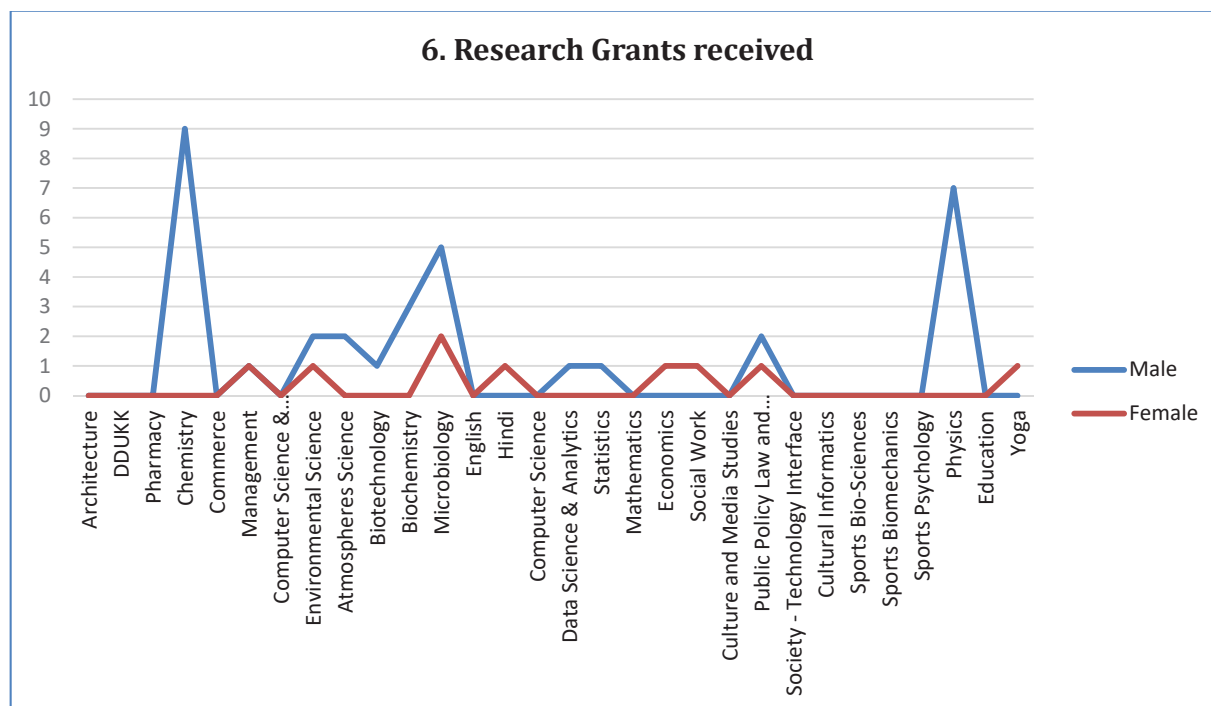


The participation of Female staff is more in national academic events in almost all departments.





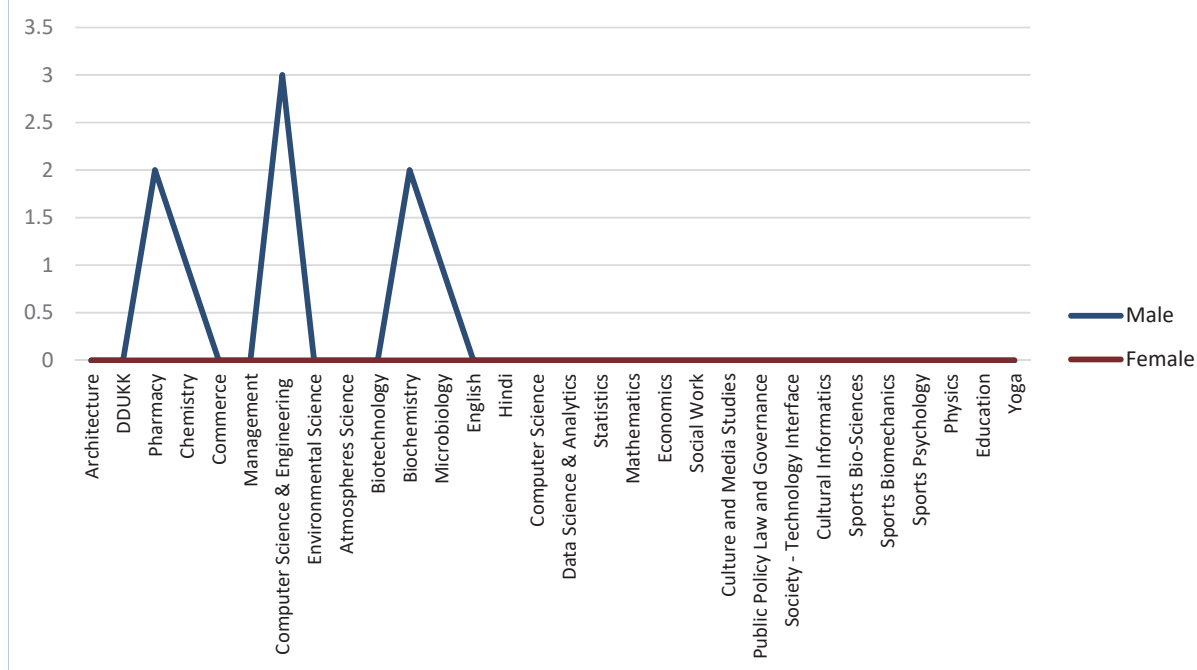
Both the genders have been active in invited lectures at national level.



Female faculty in Humanities and Social Sciences has drawn more research grant as compared to previous academic year.

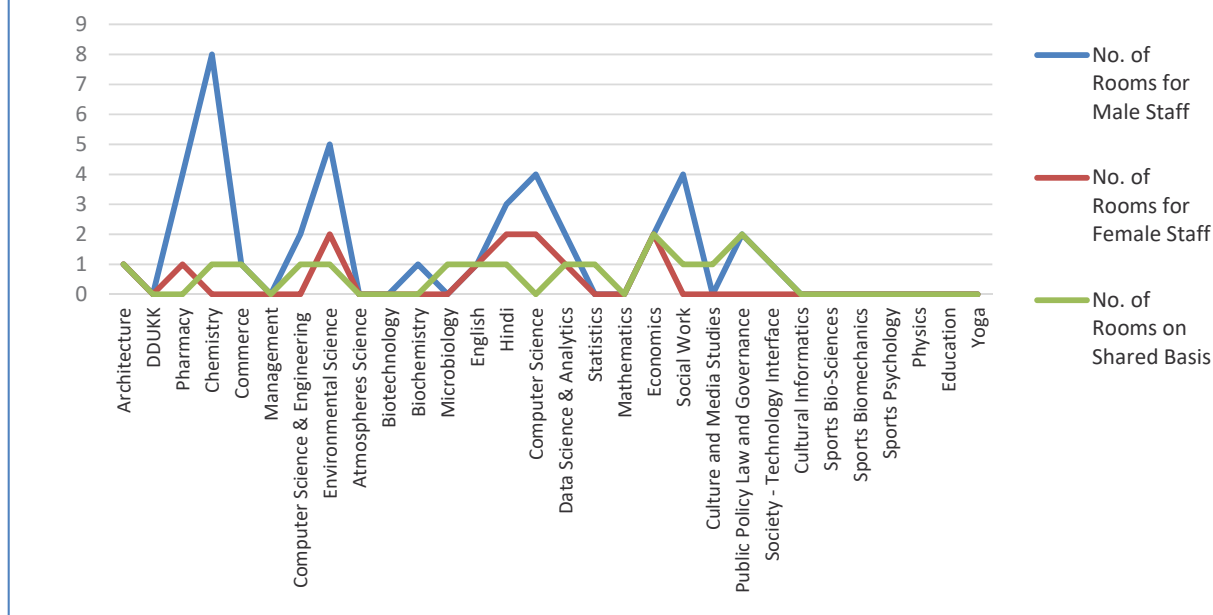


### 7. Awards received

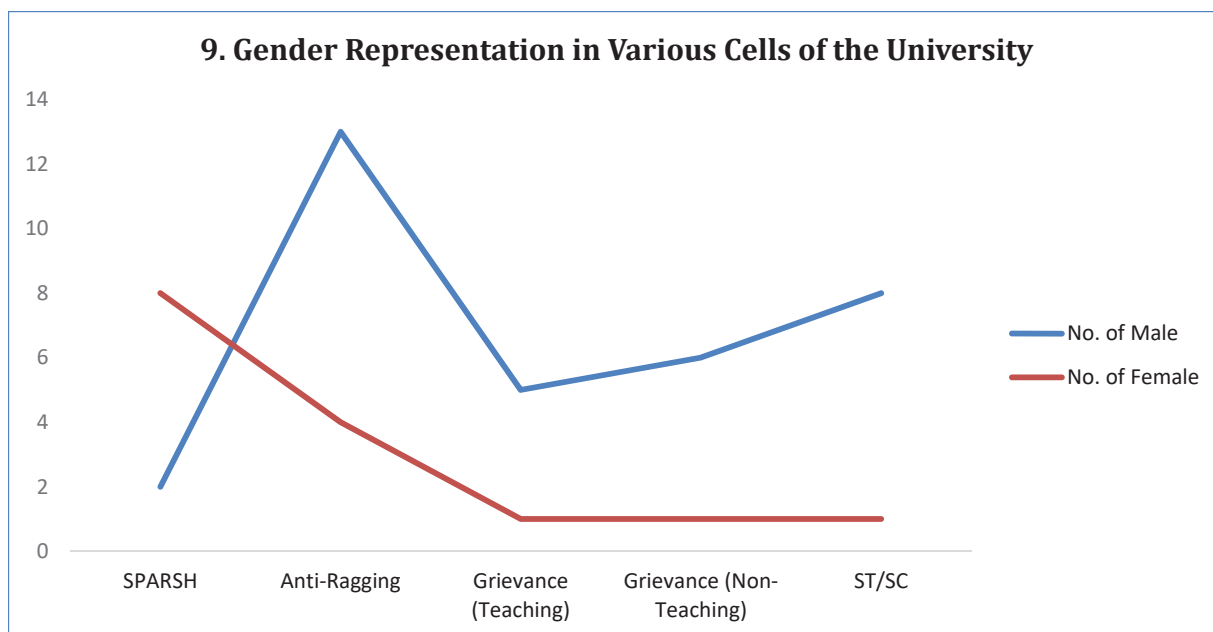


The Graph highlights the requirement of more rigorous participation from both the genders to showcase their academic work in meeting the criteria of National/International awards.

### 8. Availability of Office Space

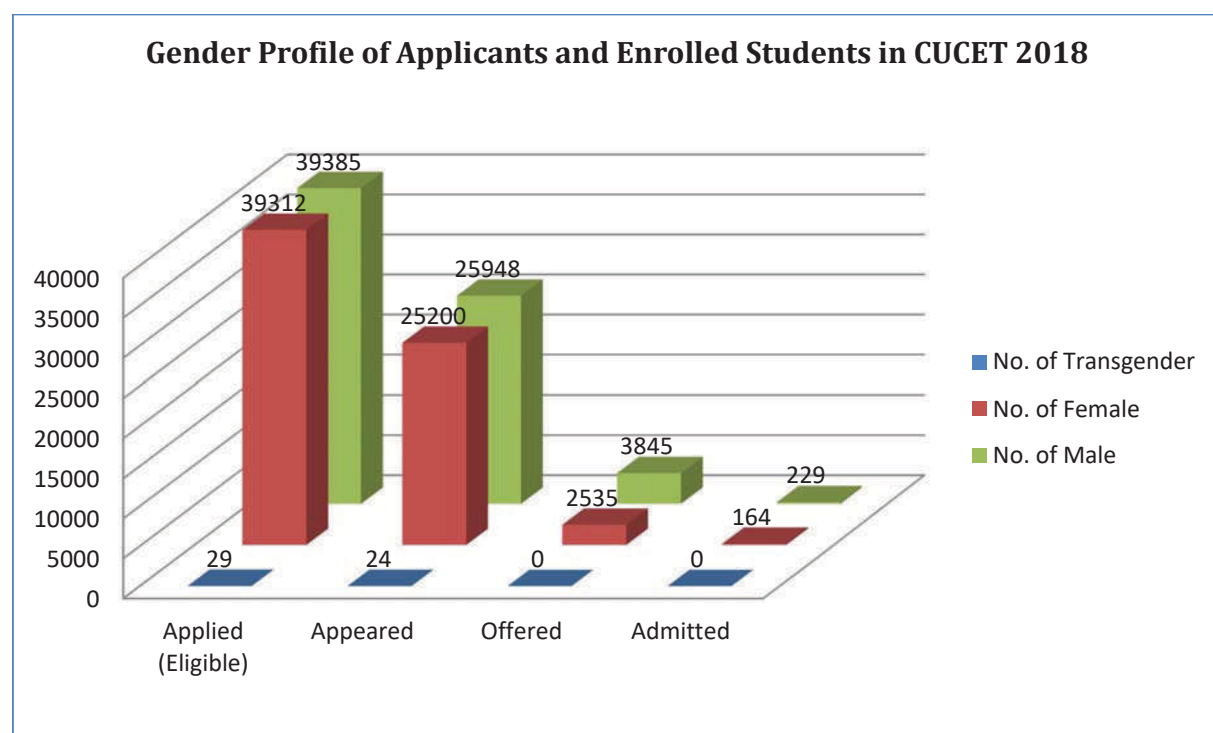


In most of the departments, the office space is on shared basis, except for the departments that have shifted to their permanent academic buildings.

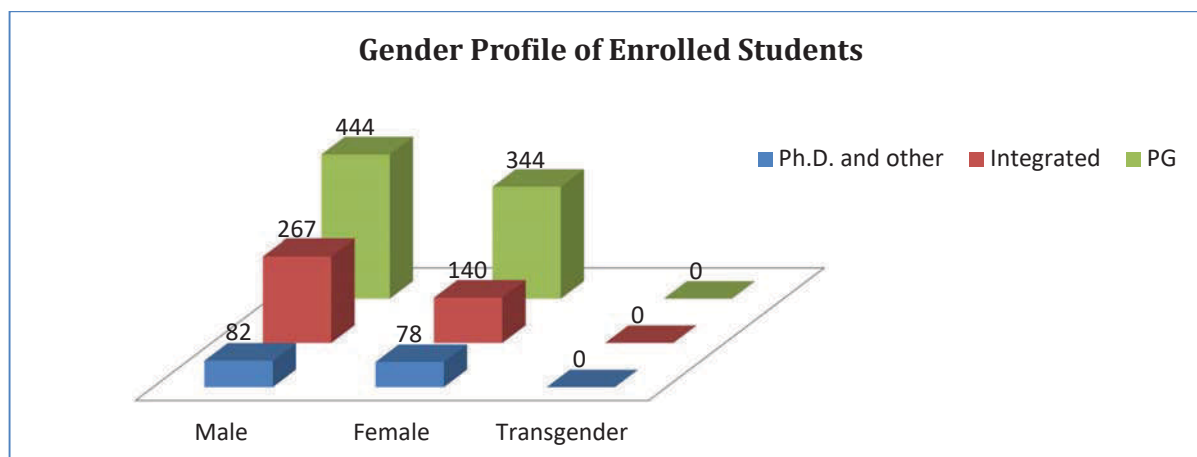


The number of female applicants was less than the male students in CUCET 2018. The transgender students actively applied and appeared in the exam.

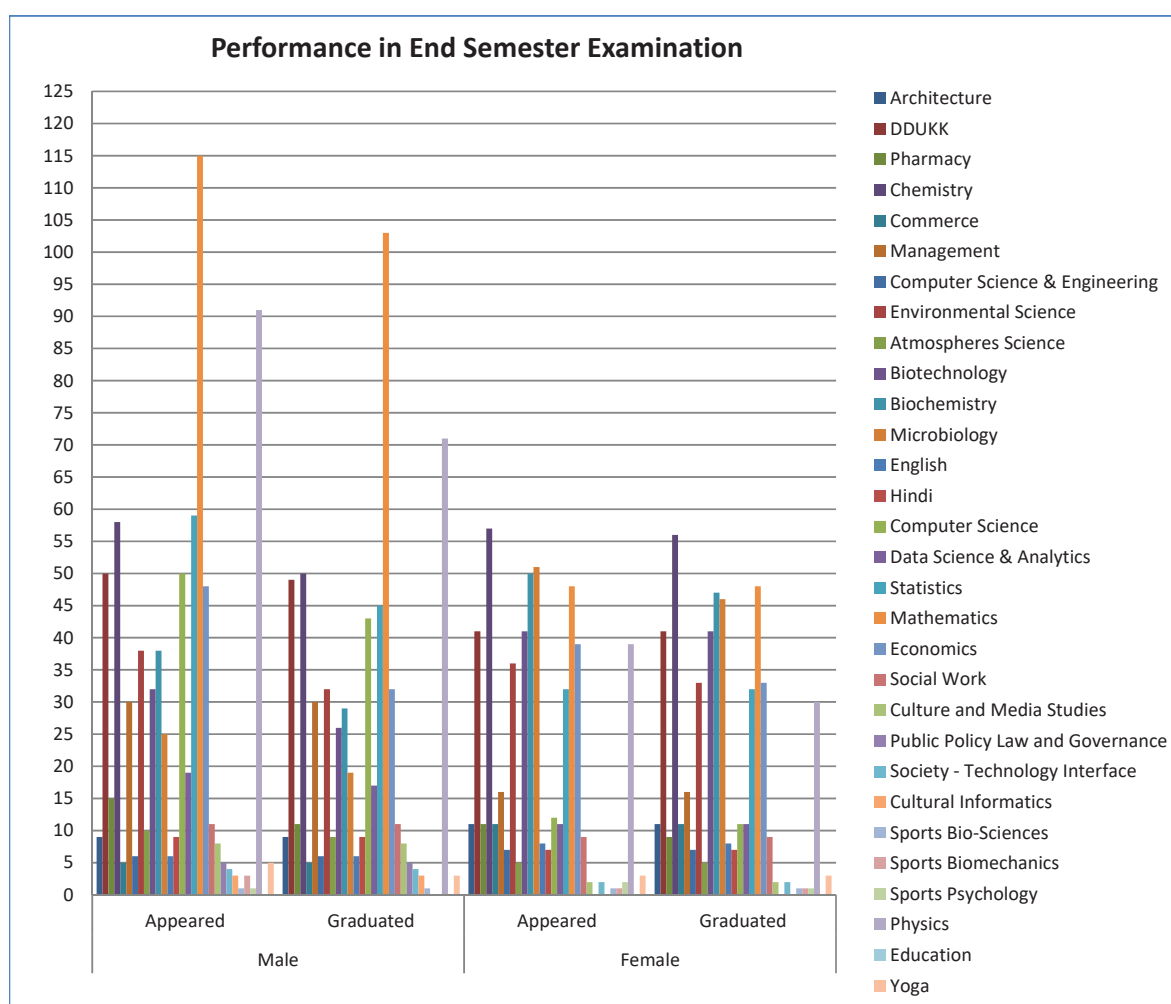
## GENDER AUDIT OF STUDENTS



The number of female applicants was less than the male students in CUCET 2018. The transgender students actively applied and appeared in the exam.



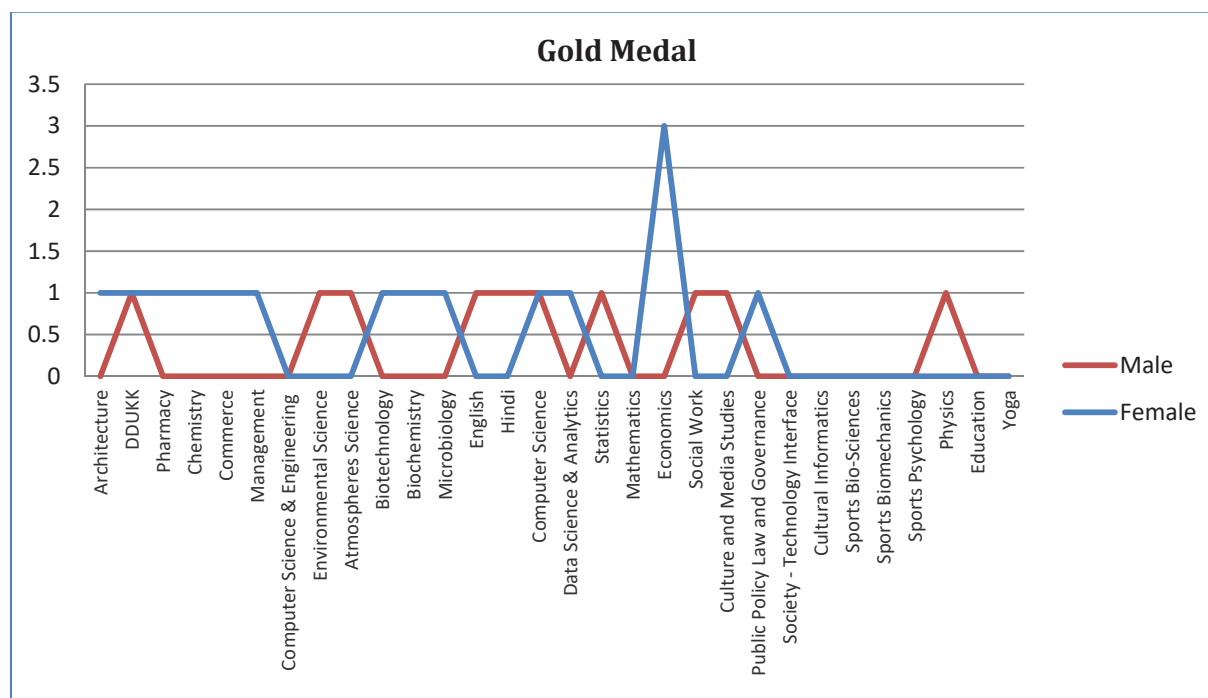
In all the three programmes including P.G., Integrated and Ph.D., the male students outnumber the female. No transgender student was enrolled in this year.



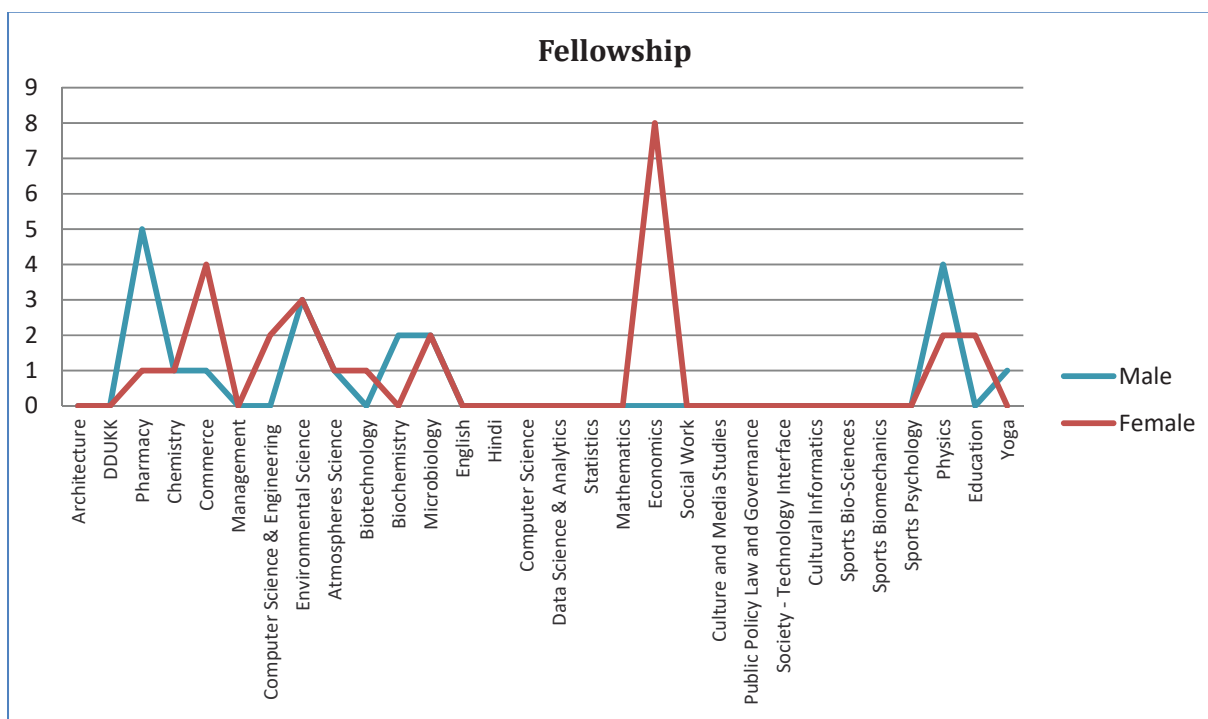
Proportion of male and female students appeared and graduated is almost equal in the end semester examination of University.



## ACADEMIC ACHIEVEMENTS



The ratio of male and female students in bagging the Gold medal is almost equal.

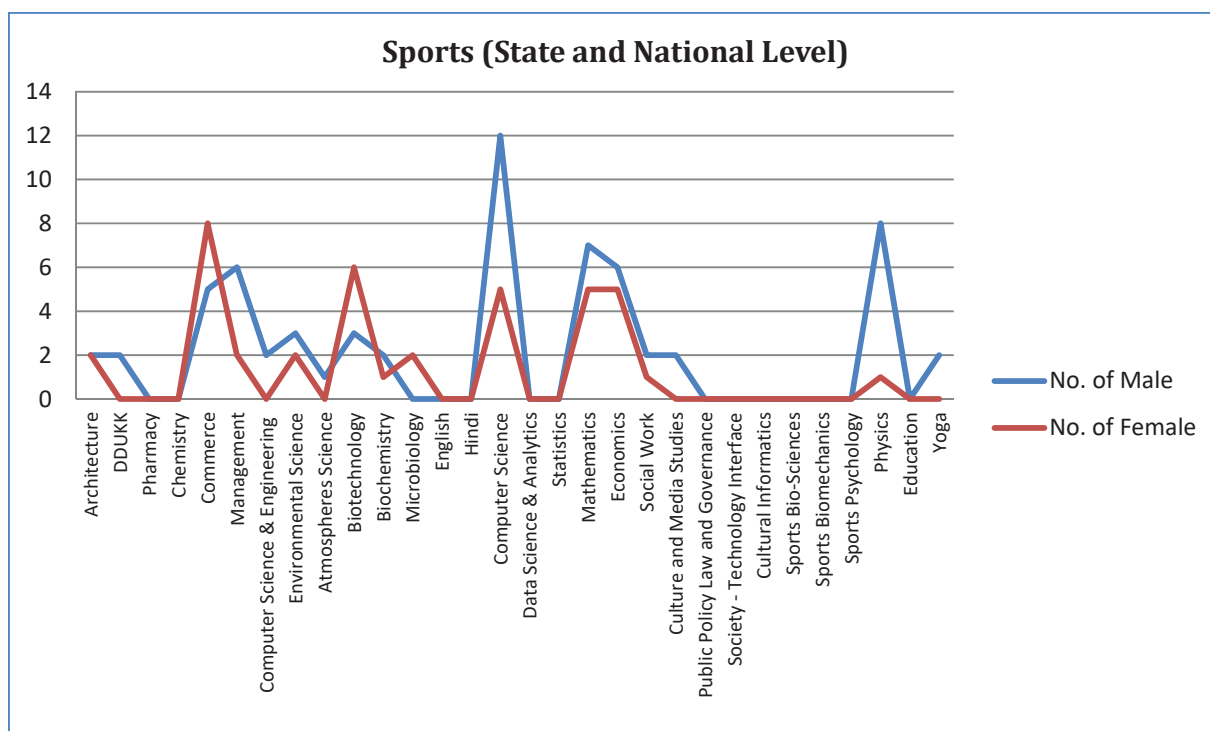


The performance of both male and female students in drawing external fellowships in the School of Life Sciences is good as compared to other Schools.

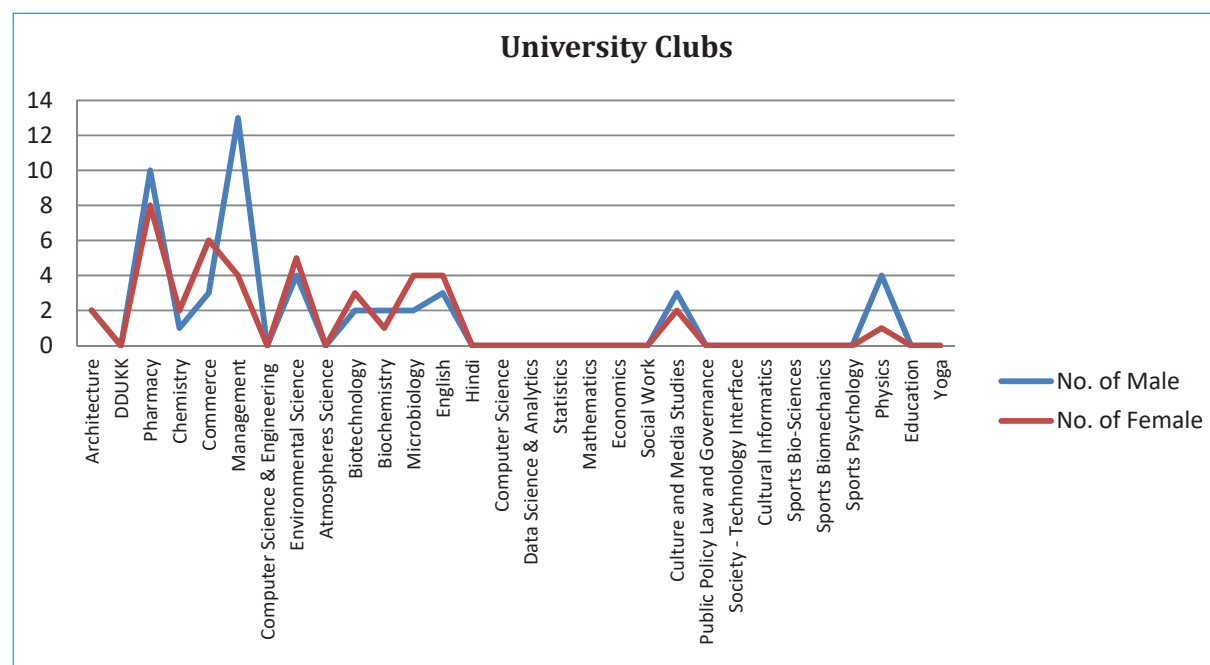




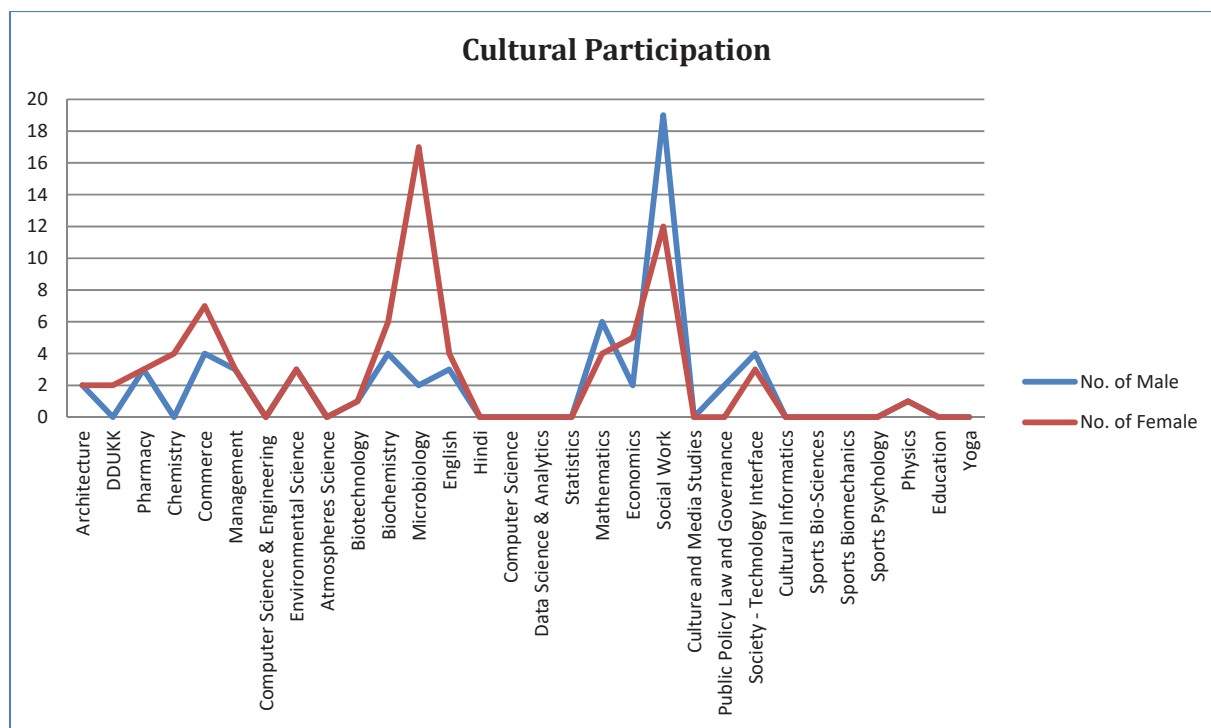
## ACHIEVEMENT IN CURRICULAR & EXTRA-CURRICULAR ACTIVITIES



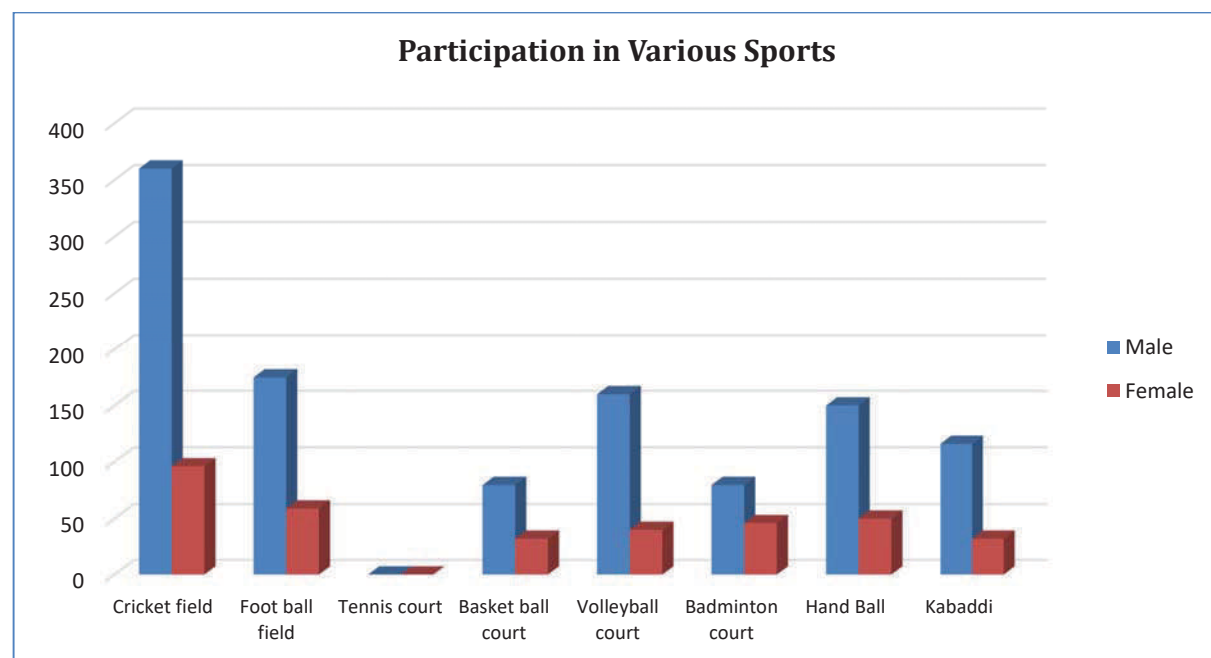
In comparison to the previous year, the participation of female students has increased in 2018-19.



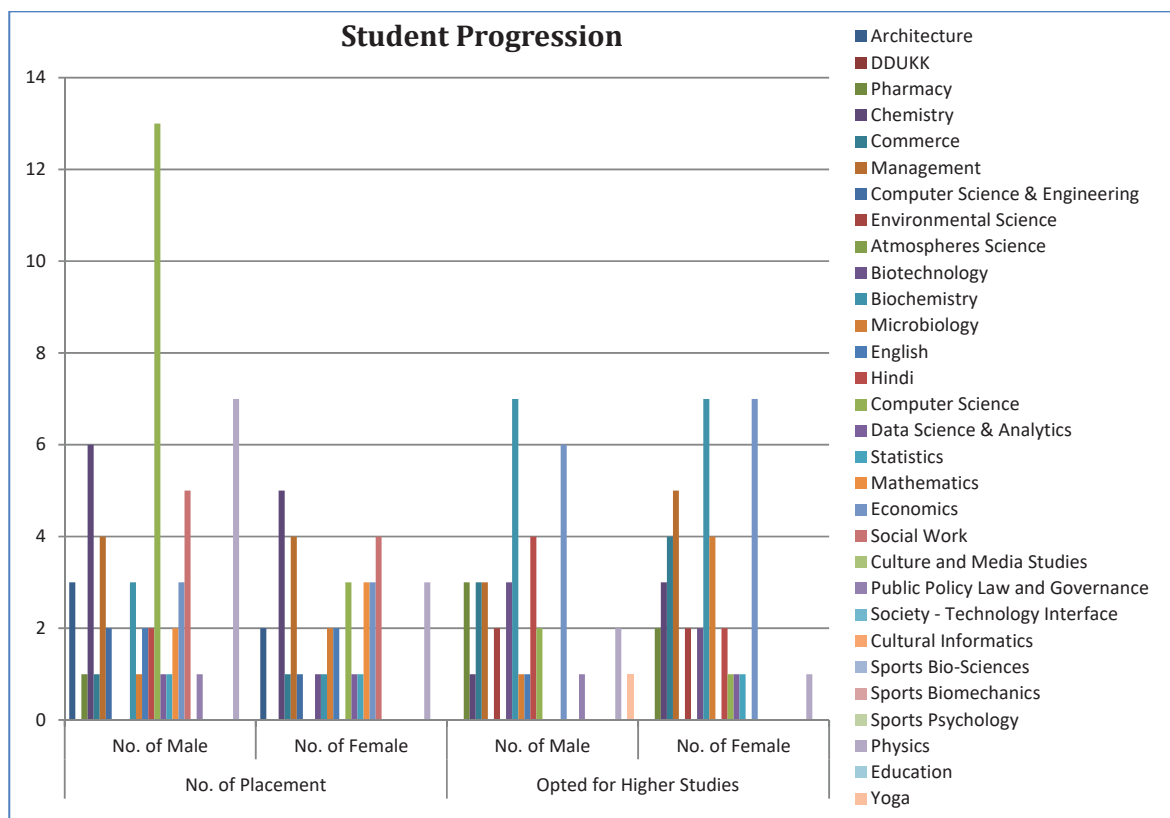
Almost every department has actively participated in the activities of the University Clubs.



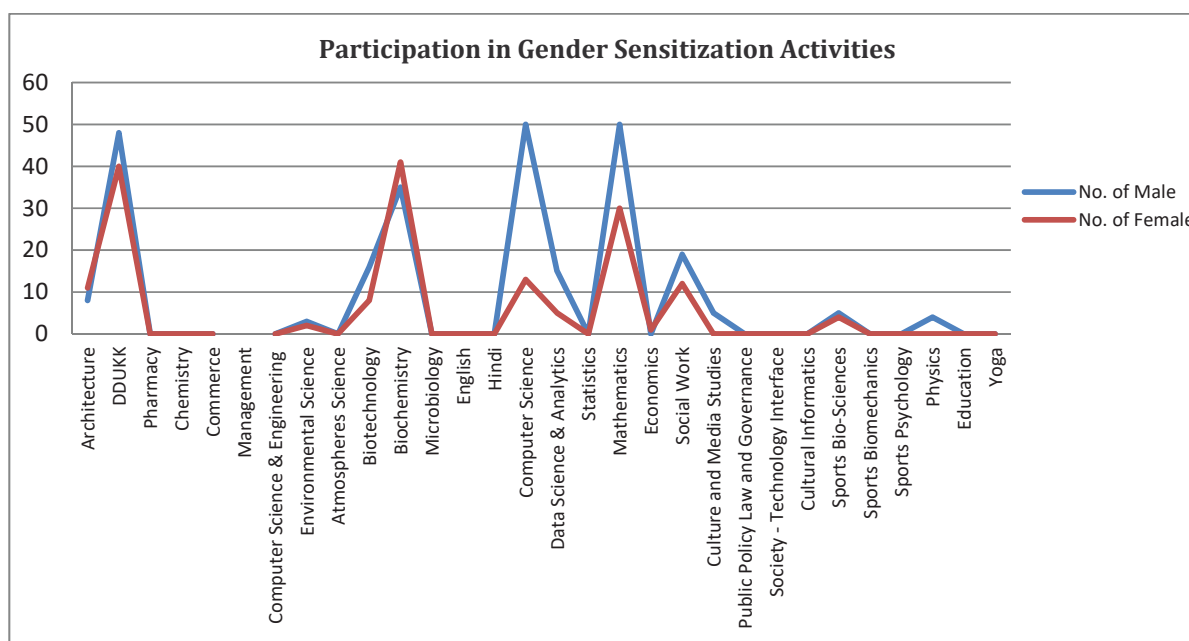
Although female students outnumbered male students in the University cultural programmes, the participation of male students from each department was also in good number.



The interest of both male and female students was noticed more in Basketball, Volleyball, Badminton, Handball whereas Cricket, Football and Kabaddi are more preferred by male students.



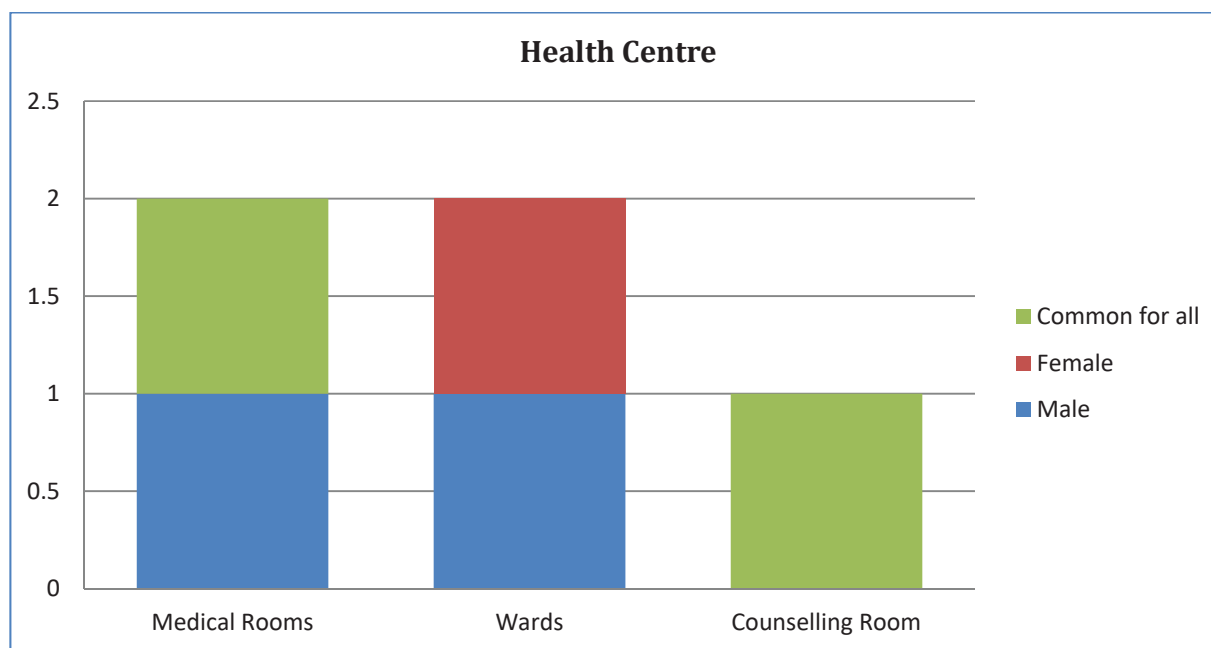
Many students have got placed in various organizations and have also opted for higher studies and the performance of both the genders is fairly well.



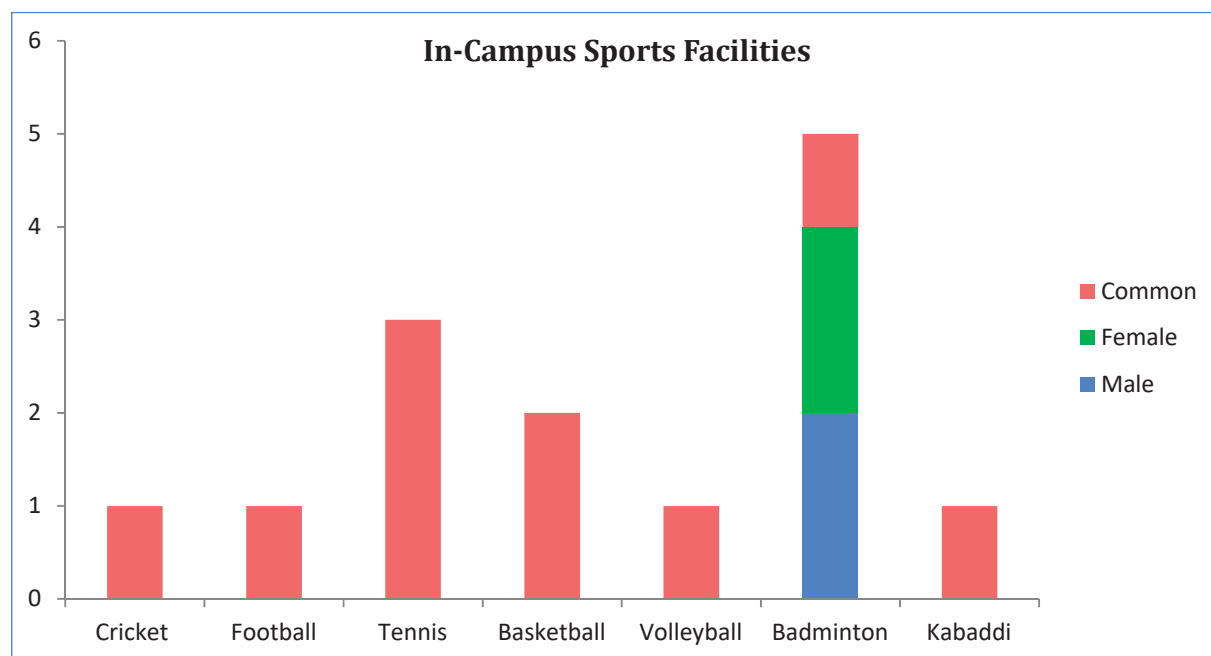
Unlike previous year, the interest of male students has increased in gender sensitization activities conducted in the University.



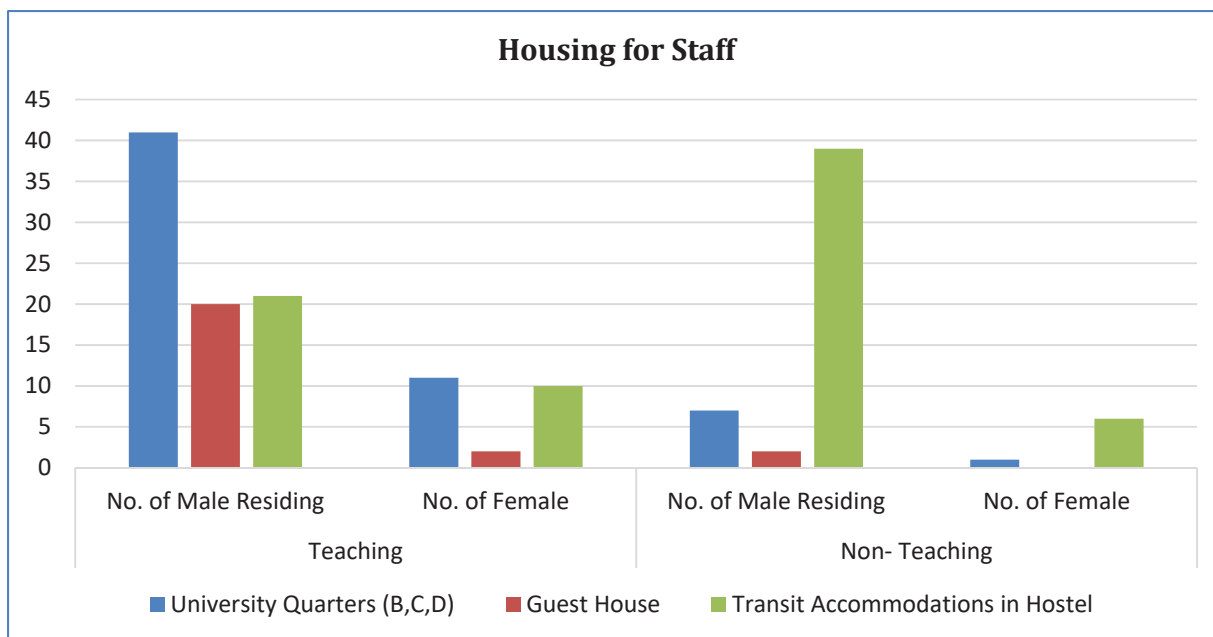
## OTHER FACILITIES



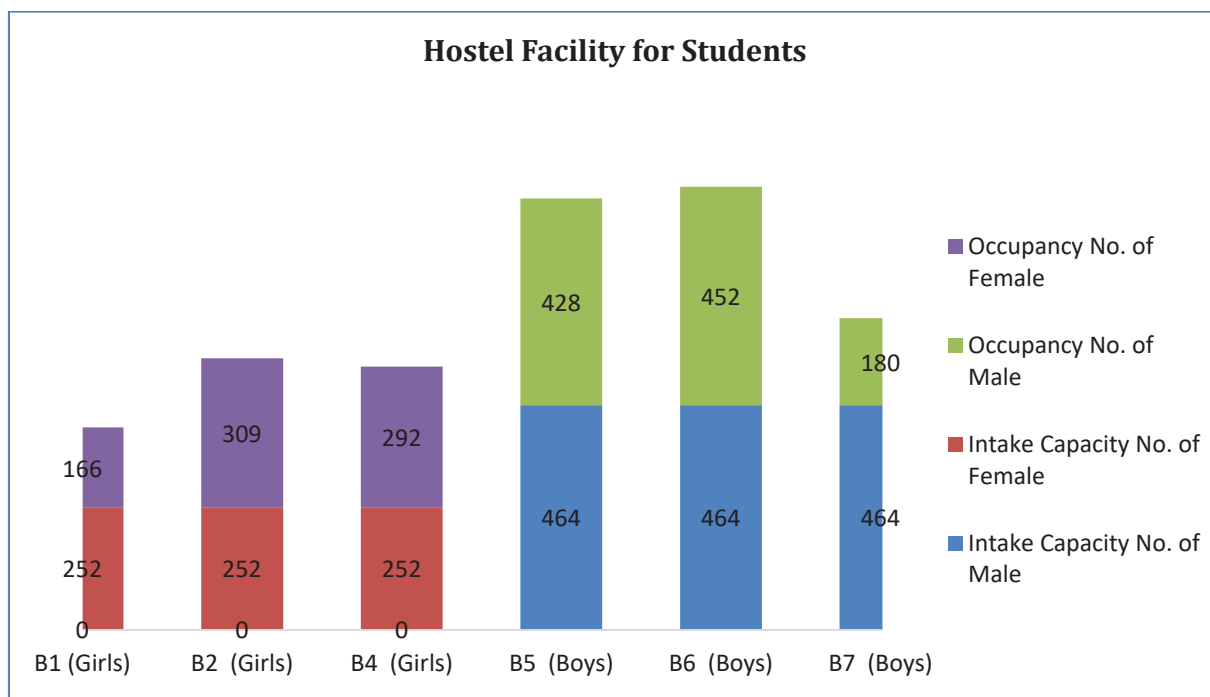
The University provides good medical facilities to students and staff. University Dispensary has separate wards for males and females and a common counseling room.



Each girls and boys hostel has separate badminton court while other sports share the common courts/grounds.

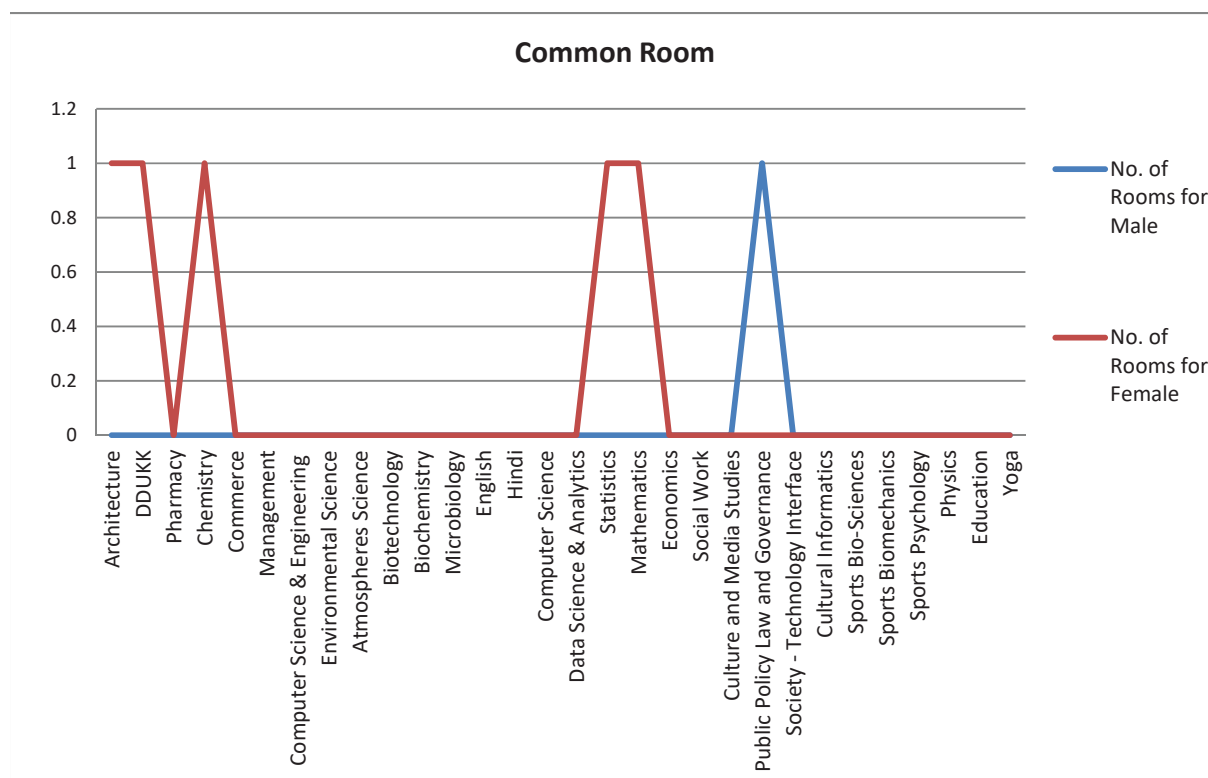


More Male teaching staff is residing in University staff quarters and in University Guest House.



The intake capacity of the hostels exceeds the actual occupied rooms for both male and female students.





In most of the departments, separate common rooms for students are lacking.



## Authorities of the University

### MEMBERS: EXECUTIVE COUNCIL (14.06.2018)

#### **Vice-Chancellor**

Prof. Arun K. Pujari

#### **Secretary, Department of Higher Education, MHRD, Govt. of India**

#### **Chairman, UGC or his/ her nominee,**

Dr. (Mrs.) Paula Banerjee

Department of South & South Asian Studies, Calcutta University, Kolkata-700027

Vice Chancellor, The Sanskrit College and University, Kolkata

#### **Principal Secretary, Department of Higher Education, Govt. of Rajasthan**

#### **Four members from among Deans of Schools of Studies, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Prof. D.C. Sharma

Dean, School of Mathematics, Statistics & Computational Sciences

Prof. Pradeep Verma

Dean, School of Life Sciences

Ms. Ritu Bhargava Rai

Dean, School of Architecture

#### **One Professor who is not a Dean, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Prof. A.K. Gupta

Department of Biotechnology

#### **One Associate Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Dr. Pawan Kumar Dadheech

Associate Professor, Department of Microbiology

#### **One Assistant Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Dr. Bhumika Sharma

Assistant Professor, Department of English

#### **Four persons of distinction in academic and public life, to be nominated by the Visitor**

Prof. Reena Dadhich

Head, Department of Computer Science and Informatics, University of Kota, Kota, Rajasthan

Prof. Akhil Ranjan Garg

Professor, Department of Electrical Engineering, Jai Narain Vyas University, Jodhpur, Rajasthan

Prof. Ashok Nagawat

Director, Skill Education, Rajasthan ILD Skills University, Jaipur, Rajasthan



Prof. Krishna Gopal Sharma

Head & Professor, Department of History & Indian Culture, University of Rajasthan, Jaipur, Rajasthan

**Secretary and Registrar**

Sh. K.V.S. Kameswara Rao

**MEMBERS: EXECUTIVE COUNCIL (REVISED)**

**Vice-Chancellor**

Prof. Arun K. Pujari

**Secretary, Department of Higher Education, MHRD, Govt. of India**

**Chairman, UGC or his/ her nominee,**

Prof. J.S. Rajput

India's Representative to the UNESCO's Executive Board and Former Chairman NCTE (w. e. f. 29.05.2019)

**Principal Secretary, Department of Higher Education, Govt. of Rajasthan**

**Four members from among Deans of Schools of Studies, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Prof. Vipin Kumar

Dean, School of Chemical Sciences & Pharmacy (w. e. f. 25.01.2019)

Prof. Pradeep Verma

Dean, School of Life Sciences

Prof. N. Lakshmi Aiyar

Dean, School of Humanities & Languages (w. e. f. 07.02.2019)

Ms. Ritu Bhargava Rai

Dean, School of Architecture

**One Professor who is not a Dean, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Prof. A.K. Gupta

Department of Biotechnology

**One Associate Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Vacant

**One Assistant Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor**

Dr. Bhumika Sharma

Assistant Professor, Department of English

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Prof. Akhil Ranjan Garg

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Prof. Ashok Nagawat

Director, Skill Education, Rajasthan ILD Skills University, Jaipur, Rajasthan



Prof. Krishna Gopal Sharma

Head, & Professor, Department of History & Indian Culture, University of Rajasthan, Jaipur, Rajasthan

**Secretary and Registrar**

Sh. K.V.S. Kameswara Rao

**MEMBERS: FINANCE COMMITTEE (JULY 2018 TO 14.03.2019)**

**Vice-Chancellor**

Prof. Arun K. Pujari

**The Pro-Vice Chancellor**

Vacant

**One Person nominated by the Court**

Vacant

**Three Persons nominated by the Executive Council, out of whom at least one shall be a member of the Executive Council**

Dr. N.U. Siddiqui

Former Finance Officer, Jamia Milia Islamia, New Delhi

Prof. V.P. Gulati

Consulting Advisor (Vice President), T.C.S., Hyderabad

Prof. D.C. Sharma

Professor, Department of Mathematics, Central University of Rajasthan (Member, Executive Council)

**Three Persons nominated by the Visitor**

Joint Secretary (CU&L) MHRD, New Delhi

Joint Secretary & Finance Advisor, MHRD, New Delhi

Joint Secretary (CU) UGC, New Delhi

**The Finance Officer**

Ex-officio Secretary

**MEMBERS: FINANCE COMMITTEE (15.03.2019 TO 19.05.2019)**

**Vice-Chancellor**

Prof. Arun K. Pujari

**The Pro-Vice Chancellor**

Vacant

**One Person nominated by the Court**

Vacant

**Three Persons nominated by the Executive Council, out of whom at least one shall be a member of the Executive Council**

Dr. N.U. Siddiqui

Former Finance Officer, Jamia Milia Islamia, New Delhi



Prof. V.P. Gulati

Consulting Advisor (Vice President), T.C.S., Hyderabad

Prof. Vipin Kumar

Dean, School of Chemical Sciences and Pharmacy, Central University of Rajasthan

**Three Persons nominated by the Visitor**

Joint Secretary (CU&L) MHRD, New Delhi

Joint Secretary & Finance Advisor, MHRD, New Delhi

Joint Secretary (CU) UGC, New Delhi

**The Finance Officer**

Ex-officio Secretary

**MEMBERS: FINANCE COMMITTEE (20.05.2019 TO JUNE 2019)**

**Vice-Chancellor**

Prof. Arun K. Pujari

**The Pro-Vice Chancellor**

Vacant

**One Person nominated by the Court**

Vacant

**Three persons nominated by the Executive Council, out of whom at least one shall be member of the Executive Council**

Prof. Ashok Kumar Nagawat

Director, Skill Education, Rajasthan ILD Skill University,  
Hotel Khasa Kothi Campus, M.I. Road, Jaipur, (Raj.)-302001

Dr. B.K. Mohapatra

Director i/c, MANUU Cuttack Campus, 1<sup>st</sup> Floor, Plot No. 22, Sector 5, Niladri Vihar, Chadrashekharapur,  
Bhubaneswar-751021

Prof. Vipin Kumar

Dean, School of Chemical Sciences and Pharmacy, Central University of Rajasthan

**Three Persons nominated by the Visitor**

Joint Secretary (CU&L) MHRD, New Delhi

Joint Secretary & Finance Advisor, MHRD, New Delhi

Joint Secretary (CU) UGC, New Delhi

**The Finance Officer**

Ex-officio Secretary

**MEMBERS: ACADEMIC COUNCIL (31.10.2018)**

**Vice-Chancellor**

Prof. Arun K. Pujari

**The Pro-Vice Chancellor**

Vacant





### Dean of Schools of Studies

Dean, School of Social Sciences	Prof. S.N. Ambedkar
Dean (i/c), School of Engineering & Technology	Prof. Manish Dev Shrimali
Dean, School of Mathematics, Statistics & Computational Sciences	Prof. D.C. Sharma
Dean (i/c), School of Education	Prof. D.C. Sharma
Dean, School of Life Sciences	Prof. Pradeep Verma
Dean, School of Chemical Sciences & Pharmacy	Prof. Vipin Kumar
Dean, School of Humanities and Languages	Prof. N. Lakshmi Aiyar
Dean, School of Architecture	Ar. Ritu B. Rai
Dean, School of Commerce & Management	Dr. Praveen Sahu
Dean, School of Earth Sciences	Dr. L.K. Sharma
Dean, School of Physical Sciences	Dr. Ajit Kumar Patra

### Heads of Teaching Departments/ Centers

Head, Department of Chemistry	Prof. R.T. Pardasani
Head, Department of English	Prof. Supriya Agarwal
Head, Department of Economics	Prof. S.N. Ambedkar
Head, Department of Society Technology Interface	Prof. S.N. Ambedkar
Head, Department of Culture & Media Studies	Prof. S.N. Ambedkar
Head, Department of Yoga	Dr. M. Krishnan
Head, Department of Atmospheric Science	Prof. Someshwar Das
Head, Department of Computer Science	Prof. D.C. Sharma
Head, Department of Statistics	Prof. D.C. Sharma
Head, Department of Microbiology	Prof. Pradeep Verma
Head, Department of Mathematics	Prof. J.K. Prajapat
Head, Department of Management	Prof. M.R.P. Singh
Head, Department of Pharmacy	Prof. Vipin Kumar
Head, Department of Hindi	Prof. N. Lakshmi Aiyar
Head, Department of Public Policy, Law & Governance	Dr. S. Kandasamy
Head, Department of Biotechnology	Dr. Pankaj Goyal
Head, Department of Commerce	Dr. Praveen Sahu
Head, Department of Environmental Science	Dr. L.K. Sharma
Head, Department of Biochemistry	Dr. Chandi Charan Mandal
Head, Department of Education	Dr. Anjali Sharma
Head, Department of Social Work	Dr. Subhasis Bhadra
Head, Department of Data Science and Analytics	Dr. Manas Kumar Patra
Head, Department of Sport Bioscience	Dr. Chandra Sekhar Gahan

**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**

Prof. A.K. Gupta

Department of Biotechnology

Prof. Neeraj Gupta

Department of Architecture



**Five Associate Professors, who are not Head of Teaching Department, by rotation according to seniority, to be appointed by the Vice Chancellor**

Dr. Pawan K. Dadheech  
Department of Microbiology  
Dr. Jitendra Kumar  
Department of Statistics  
Dr. Jagdish Ulhas Jadhav  
Department of Social Work

**Three Assistant Professors, by rotation according to seniority, to be appointed by the Vice Chancellor**

Dr. Bhumika Sharma  
Department of English  
Dr. Tulsi Giri Goswami  
Department of Management  
Dr. Sanjay Kumar  
Department of Statistics

**Six persons not in the service of the University co-opted by the Academic Council for their Special Knowledge in education progress and development**

Prof. R. Prasad  
IIT Roorkee  
Prof. K.C. Sharma  
MDS University, Ajmer  
Prof. Maithili Sharan  
IIT Delhi  
Prof. Chandrakala Padia  
Maharaja Ganga Singh University, Bikaner  
Prof. Aparna Rayaprol  
University of Hyderabad, Hyderabad

**Two of the elected members of the Court, to be nominated by Visitor**

Vacant

**Dean of Students Welfare**

Prof. S.N. Ambedkar

**Proctor**

Dr. Laxmi Kant Sharma

**Controller of Examinations**

Dr. Utpal Kumar Debnath

**Librarian**

Dr. Vijayakumar M.

**Registrar (Ex-officio Secretary)**

K.V.S. Kameswara Rao



## List of Faculty/Officers/Staff

### List of Teaching Staff Joined During Academic Year 2018-19

Sl. No.	Name of Teacher	Designation	Department	Date of Joining
1	Dr. Devesh Sharma	Associate Professor	Atmospheric Science	04.06.2019
2	Dr. Easwar Srinivasan	Associate Professor	Chemistry	04.06.2019
3	Dr. Chinmay Mallik	Assistant Professor	Atmospheric Science	06.06.2019
4	Dr. Sahinur Reja	Assistant Professor	Physics	07.06.2019
5	Prof. Amit Kumar Goyal	Professor	Pharmacy	13.06.2019
6	Dr. Ritesh Singh	Assistant Professor	Chemistry	18.06.2019
7	Dr. Hemant Joshi	Assistant Professor	Chemistry	25.06.2019
8	Dr. Arvind Pandey	Associate Professor	Statistics	28.06.2019

### List of Administrative and Non-teaching Staff Joined During Academic Year 2018-19

Sl. No.	Name of Employee	Designation	Date of Joining
1	Kartik Bhati	Assistant Engineer (Electrical)	18.02.2019
2	Mrs. Hema Chaudhary	Assistant	29.05.2019
3	Shaffiq Mohammed	Assistant	27.06.2019

### List of Teaching Staff of the University as on 30<sup>th</sup> June 2019

Sl. No.	Name of Teacher	Designation	Department
1	Prof. R T Paradasni	Professor	Chemistry
2	Prof. Aditya Kumar Gupta	Professor	Biotechnology
3	Prof. Neeraj Gupta	Professor	Architecture
4	Prof. Supriya Agarwal	Professor	English
5	Prof. Pradeep Verma	Professor	Microbiology
6	Prof. Nagendra Ambedkar Sole	Professor	Public Policy, Law & Governance
7	Prof. Manish Dev Shrimali	Professor	Physics
8	Prof. Dinesh Chandra Sharma	Professor	Mathematics
9	Prof. Jugal Kishore Prajapat	Professor	Mathematics
10	Prof. Vipin Kumar	Professor	Pharmacy
11	Prof. Maithili R.P. Singh	Professor	Management
12	Prof. N. Lakshmi Aiyar	Professor	Hindi
13	Prof. Pawan Kumar Dadheech	Professor	Microbiology
14	Prof. Praveen Sahu	Professor	Commerce
15	Prof. Chandi Charan Mandal	Professor	Biochemistry



16	Prof. Jagdish Ulhas Jadhav	Professor	Social Work
17	Prof. Amit Kumar Goyal	Professor	Pharmacy
18	Dr. Mamta Rani	Associate Professor	Computer Science
19	Dr. Jitendra Kumar	Associate Professor	Statistics
20	Ms. Ritu Bhargava Rai	Associate Professor	Architecture
21	Dr. Pankaj Goyal	Associate Professor	Biotechnology
22	Dr. Sanjay Arora	Associate Professor	English
23	Dr. S.Kandasamy	Associate Professor	Public Policy, Law & Governance
24	Dr. Laxmi Kant Sharma	Associate Professor	Environmental Science
25	Dr. Ajit Kumar Patra	Associate Professor	Physics
26	Dr. Anjali Sharma	Associate Professor	Education
27	Dr. Subhasis Bhadra	Associate Professor	Social Work
28	Dr. Devesh Sharma	Associate Professor	Atmospheric Science
29	Dr. Easwar Srinivasan	Associate Professor	Chemistry
30	Dr. Arvind Pandey	Associate Professor	Statistics
31	Dr. Anand Kumar	Assistant Professor	Mathematics
32	Dr. Bhumika Sharma	Assistant Professor	English
33	Dr. Sanjay Kumar	Assistant Professor	Management
34	Dr. Tulsee Giri Goswami	Assistant Professor	Management
35	Dr. Amit Chakraborty	Assistant Professor	Mathematics
36	Dr. Deepesh Bhati	Assistant Professor	Statistics
37	Dr. Sanjay Kumar	Assistant Professor	Statistics
38	Dr. Nishtha Kesswani	Assistant Professor	Computer Science
39	Dr. Neha Arora	Assistant Professor	English
40	Dr. Naga Raju Aitha	Assistant Professor	Computer Science
41	Dr. Devendra Rankawat	Assistant Professor	English
42	Dr. Gaurav Somani	Assistant Professor	Computer Science & Engineering
43	Mr. Ravi Saharan	Assistant Professor	Computer Science & Engineering
44	Dr. Sushila Kumari Soriya	Assistant Professor	Commerce
45	Dr. Ruchita Verma	Assistant Professor	Commerce
46	Dr. Neha Seth	Assistant Professor	Commerce
47	Dr. Avantika Singh	Assistant Professor	Management
48	Dr. Janmejy Pandey	Assistant Professor	Biotechnology
49	Dr. Suman Tapryal	Assistant Professor	Biotechnology
50	Dr. Tarun Kumar Bhatt	Assistant Professor	Biotechnology



51	Dr. Garima Kaushik	Assistant Professor	Environmental Science
52	Dr. Vidyottama Jain	Assistant Professor	Mathematics
53	Dr. Mahendra Saha	Assistant Professor	Statistics
54	Dr. Arvind Pratap Singh	Assistant Professor	Microbiology
55	Dr. Rajneesh Kumar Verma	Assistant Professor	Physics
56	Mr. Gaurav Meena	Assistant Professor	Computer Science
57	Dr. Jay Kant Yadav	Assistant Professor	Biotechnology
58	Dr. Vishvanath Tiwari	Assistant Professor	Biochemistry
59	Dr. Kiran Kumar Tejavath	Assistant Professor	Biochemistry
60	Dr. Akhil Agrawal	Assistant Professor	Microbiology
61	Dr. Nidhi Pareek	Assistant Professor	Microbiology
62	Dr. Neeraj Panwar	Assistant Professor	Physics
63	Mr. Ravi Raj Choudhary	Assistant Professor	Computer Science
64	Mr. Vivekanand Tiwari	Assistant Professor	Architecture
65	Dr. Pranta Pratik Patnaik	Assistant Professor	Culture & Media Studies
66	Dr. Hemlata Manglani	Assistant Professor	Economics
67	Dr. Jose Almin Cicily	Assistant Professor	Public Policy, Law & Governance
68	Dr. Mamata Khandal	Assistant Professor	Hindi
69	Dr. Pragati Jain	Assistant Professor	Economics
70	Dr. Sunil Sharma	Assistant Professor	Architecture
71	Dr. Nicholas Lakra	Assistant Professor	Culture & Media Studies
72	Dr. Suresh Singh Rathore	Assistant Professor	Hindi
73	Mr. Dandub Palzor Negi	Assistant Professor	Social Work
74	Dr. Neeru Prasad	Assistant Professor	Culture & Media Studies
75	Dr. Sandeep V. Ranbhirkar	Assistant Professor	Hindi
76	Dr. Anjan Kumar Sahu	Assistant Professor	Public Policy, Law & Governance
77	Dr. Jeevan Kumar Cheruku	Assistant Professor	Public Policy, Law & Governance
78	Dr. Atiq Ahmed	Assistant Professor	Social Work
79	Dr. Vijay Kumar Prajapati	Assistant Professor	Biochemistry
80	Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Law & Governance
81	Dr. Shaizy Ahmed	Assistant Professor	Social Work
82	Dr. Chandra Sekhar Gahan	Assistant Professor	Sports Sciences
83	Dr. Devesh Madhukar Sawant	Assistant Professor	Pharmacy
84	Dr. Ritu Singh	Assistant Professor	Environmental Science
85	Dr. Ruchi Malik	Assistant Professor	Pharmacy





86	Dr. Muzzammil Hussain M.	Assistant Professor	Computer Science & Engineering
87	Dr. Kaisar Raza	Assistant Professor	Pharmacy
88	Dr. Umesh Gupta	Assistant Professor	Pharmacy
89	Dr. Sukhmander Singh	Assistant Professor	Physics
90	Dr. Alok Kumar	Assistant Professor	Environmental Science
91	Dr. Ram Kishor	Assistant Professor	Mathematics
92	Dr. Sanjay Kumar Patel	Assistant Professor	Commerce
93	Dr. Ved Prakash	Assistant Professor	English
94	Dr. Pramod Kumar Naik	Assistant Professor	Economics
95	Dr. Rajeev M.M.	Assistant Professor	Social Work
96	Dr. M. Bhanuchandra	Assistant Professor	Chemistry
97	Dr. Gobind Singh	Assistant Professor	Education
98	Dr. Narendra Kumar	Assistant Professor	Education
99	Dr. Anuj Kumar Sharma	Assistant Professor	Chemistry
100	Dr. Subrat Kumar Panda	Assistant Professor	Atmospheric Science
101	Dr. Shiv Swaroop	Assistant Professor	Biochemistry
102	Dr. Satyanarayanamurty Dogga	Assistant Professor	Economics
103	Dr. Jai Prakash Tripathi	Assistant Professor	Mathematics
104	Dr. Vijay Kumar Yadav	Assistant Professor	Mathematics
105	Dr. S. Thangminlal Vaiphei	Assistant Professor	Biotechnology
106	Dr. Vipul Kakkar	Assistant Professor	Mathematics
107	Dr. Deeksha Tripathi	Assistant Professor	Microbiology
108	Dr. Krishna Kumar Mohbey	Assistant Professor	Computer Science
109	Dr. Mohd Hussain Kunroo	Assistant Professor	Economics
110	Dr. Thirumoorthi R	Assistant Professor	Chemistry
111	Dr. Jayendra Nath Shukla	Assistant Professor	Biotechnology
112	Dr. Rakesh Kumar	Assistant Professor	Physics
113	Dr. Brijesh Kumar Singh	Assistant Professor	Physics
114	Dr. Vijay Kumar Verma	Assistant Professor	Microbiology
115	Dr. Partha Roy	Assistant Professor	Chemistry
116	Dr. Abhimanyu Singh Yadav	Assistant Professor	Statistics
117	Dr. Chinmay Mallik	Assistant Professor	Atmospheric Science
118	Dr. Sahinur Reja	Assistant Professor	Physics
119	Dr. Ritesh Singh	Assistant Professor	Chemistry
120	Dr. Hemant Joshi	Assistant Professor	Chemistry



### List of Administrative and Non-teaching Staff of the University as on 30<sup>th</sup> June 2019

Sl. No.	Name of Employee	Designation
1	KVS Kameswara Rao	Registrar
2	Dinesh Kumar Aggarwal	Finance Officer
3	Dr. Vijayakumar M.	Librarian
4	Dr. Utpal Kumar Debnath	Controller of Examinations
5	Santosh Kumar Srivastava	Joint Registrar
6	Dr. Hari Singh Parihar	Joint Registrar
7	Sultan Singh	Executive Engineer
8	Sobhagyawati Gupta	Assistant Librarian
9	Saroja Kumar Panda	Assistant Librarian
10	Anuradha Mittal	Public Relations Officer
11	Dr. Ankur Mittal	Medical Officer
12	Om Kumar Karn	Hindi Officer
13	Pardeep Kumar	Assistant Registrar
14	Ashish Kumar Gupta	Assistant Registrar
15	Shyam Singh	Assistant Registrar
16	Manoj Kumar Indoria	Assistant Registrar
17	Ramesh Singh Solanki	Section Officer
18	Gaurav Sharma	Section Officer
19	Pradeep Kumar Garg	Section Officer
20	Rajpal Singh Rewar	Security Officer
21	Kavita Jesrani	Private Secretary
22	Seva Ram Kumawat	Personal Assistant
23	Bharat Bhushan Gupta	Personal Assistant
24	Shankar Kumar Gupta	Personal Assistant
25	Girdhari Lal Verma	Assistant
26	Neha Bajaj	Assistant
27	Pratima Chattraj	Assistant
28	Vineet Prakash Bishnoi	Assistant
29	Puneet Agarwal	Assistant
30	Hema Chaudhary	Assistant
31	Shaffiq Mohammed	Assistant
32	Kartik Bhati	Assistant Engineer (Electrical)
33	Rajesh Kumar	Junior Engineer (Civil)
34	Darpan Bansal	Junior Engineer (Electrical)



35	Mohit Jamer	Senior Technical Assistant (ICT)
36	Sanjay Joshi	Senior Technical Assistant
37	Dr. Deepak Meena	Professional Assistant
38	Dibakar Sen	Semi-Professional Assistant
39	Naresh Kumar Mangal	Technical Assistant
40	Avdhesh Vijay	Technical Assistant
41	Jai Ram Chejara	Security Inspector
42	Vivek Vyas	Laboratory Assistant
43	Aarif Khan	Laboratory Assistant
44	Pushpendra Kumar Sharma	Laboratory Assistant
45	Sandeep Sharma	Laboratory Assistant
46	Satya Narayan Rao	Laboratory Assistant
47	Giriraj Sharma	Laboratory Assistant
48	Pankaj Kumar Tailor	Laboratory Assistant
49	Vimal Kumar Jain	Laboratory Assistant
50	Dashrath Kumar Sharma	Laboratory Assistant
51	Somyajeet Dey	Library Assistant
52	Manoj Pareek	Library Assistant
53	Santosh Kumar Kumawat	Upper Division Clerk
54	Dileep Raichandani	Upper Division Clerk
55	Lata Gurbaxani	Upper Division Clerk
56	Madhur Sagar Sharma	Lower Division Clerk
57	Jahangeer Kureshi	Lower Division Clerk
58	Vinod Choudhary	Lower Division Clerk
59	Pawan Kumar Sharma	Lower Division Clerk
60	Govind Kumawat	Lower Division Clerk
61	Lalit Bhopriya	Lower Division Clerk
62	Naveen Chand Sen	Lower Division Clerk
63	Surendra Singh Rajawat	Lower Division Clerk
64	Yogesh Kumar Meena	Lower Division Clerk
65	Gaurav Kumar	Lower Division Clerk
66	Ganpat Lal Solanki	Lower Division Clerk
67	Anshu Sharma	Lower Division Clerk
68	Girraj Prasad Sharma	Caretaker
69	Gourav Sukhwal	Driver



70	Sanjay Kumar Sharma	Driver
71	Navin Kumar Sharma	Driver
72	Hukma Ram Meghwal	Driver
73	Rajveer Singh	Cook
74	Nitesh Yadav	Library Attendant
75	Priya Sharma	Library Attendant
76	Rajendra Kumar Soni	Laboratory Attendant
77	Kheema Ram	Laboratory Attendant
78	Ashish Kumar Sharma	Laboratory Attendant
79	Akhilesh Tiwari	Laboratory Attendant
80	Bhagirath Ashiya	Laboratory Attendant
81	Vishnu Bansal	Laboratory Attendant
82	Anuj Kumar	Laboratory Attendant
83	Sagar Mal Gurjar	Officer Attendant
84	Mangal Chand Dhanka	Officer Attendant
85	Ashish Kumar Sharma	Multi-Tasking Staff
86	Lekhraj	Multi-Tasking Staff
87	Jai Singh	Hostel Attendant
88	Nathmal Tak	Hostel Attendant
89	Satya Narayan Solanki	Kitchen Attendant



## Campus from the Students' Lens

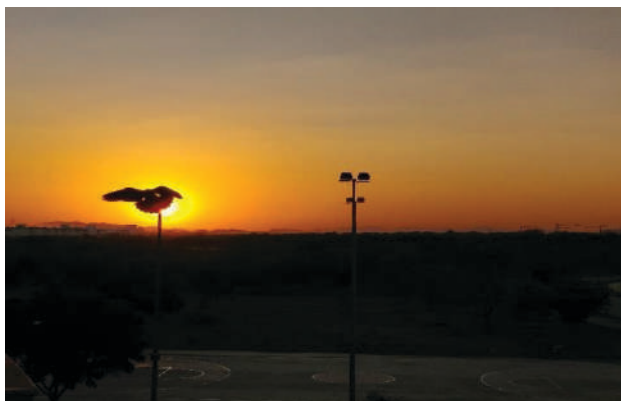
### Ambience of the Campus







## Flora and Fauna of the Campus





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## **CENTRAL UNIVERSITY OF RAJASTHAN**

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