



Category-I University

2023-2024

# CENTRAL UNIVERSITY OF RAJASTHAN

## 15<sup>th</sup> Annual Report





# CENTRAL UNIVERSITY OF RAJASTHAN



## Fifteenth Annual Report

2023-24





**The Visitor**  
**President of India**  
**Her Excellency Smt. Droupadi Murmu**





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





**Vice Chancellor**  
**Prof. Anand Bhalerao**





# Central University of Rajasthan

15th Annual Report (2023-24)



Category 1 University

## Contents

S. No.	Name	Page No.
1.	From the Vice Chancellor's Desk	1-2
2.	The Vision, Mission, Goals, Objectives and Quality Statement	3-5
3.	University at a Glance	6-12
4.	Academic Information	13-31
5.	Infrastructural Facilities	32-41
6.	Student Support System	42-46
7.	Events	47-71
8.	Extension Activities	72-87
9.	Schools and Departments	88-180
10.	Faculty: Academic Endeavours	181-213
11.	Faculty Publications	214-266
12.	Extramural Funded Projects	267-274
13.	Thesis and Dissertations	275-357
14.	Students' Placements and Achievements	358-361
15.	Gender Audit	362-372
16.	Authorities of the University	373-380
17.	List of Faculty/Officers/Staff	381-395





## From the Vice-Chancellor's Desk

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It is with great honour, gratitude, and satisfaction that I present the Annual Report for the 2023-24 academic session, reflecting the collective efforts and achievements of the Central University of Rajasthan.

Since its earliest days, the University has been a beacon of excellence in academics and research, maintaining its prestigious position among academic institutions within Rajasthan and beyond. The past year has been marked by significant developments across various domains, from academic programs to the overall teaching-learning environment.

Aligning with the National Education Policy (NEP), the University has ensured seamless learning experiences through the Academic Bank of Credits and online platforms like Swayam and Coursera. The National Education Policy (NEP) 2020 introduces a transformative shift in India's education system. It has emphasized holistic and multidisciplinary learning, integrated academic and vocational education, and ensured flexibility and inclusivity. Foundational literacy and numeracy received a renewed focus, aiming for universal access. By incorporating technology, promoting research, and revising teacher training, NEP 2020 aspires to create an innovative, future-ready education landscape that nurtures the intellectual and creative potential of every student. We have also substantially diversified our academic offerings, focusing on programs across various schools and disciplines. Also, on the cusp of adding another to the list of the University's marvels is Open and Distance Learning (ODL), effectively expanding the accessibility of quality higher education.

Despite the shift towards digital learning post-COVID, the importance of physical infrastructure cannot be overstated. I am pleased to report the inauguration of the Central Instrumentation Facility, an additional unit of staff quarters. Furthermore, the Honourable Prime Minister has laid the foundation stone for three new buildings: the Central Library, Dining Facility for Students, and a hostel building, which will soon enhance the university's campus.

The University's strong research record is evident, with several professors now recognized among the top 2% of scientists worldwide. During the reporting period, 310 research projects worth nearly Rs. 17,67,51,829/- were sanctioned by premier agencies such as UGC, CSIR, ICMR, DST, and FIST. Faculty members have published approximately 2912 research papers and secured 04 patents this year.

Our students have excelled in sports and cultural activities at various levels, with the additions to the sports infrastructure at par with international standards for sports like basketball, tennis, and football. Many students have gone on to join various international institutions as well. The 2023-24 session included an emphasis on filling various teaching and non-teaching positions to enhance the teaching-learning process





and streamline administrative work. The campus was also visited by various delegates, including Prof. (Dr.) Sudhi Rajiv, Vice Chancellor, Haridev Joshi University of Journalism and Mass Communications, Jaipur, Prof. Madhbananda Kar, Director, AIIMS, Jodhpur, Dr. Bijon K Mitra & Dr. Vibhas Sukhwani from IGES Japan, Dr. Hartwig Harder, Scientist Germany, Dr. Sunil K Barnwal, Additional Secretary of the Department of Higher Education, Government of India, Shri Sanjay Sharma, State Minister of Forest, Dr. Manju Baghmar, Minister of State of Public Works, Women & Child Development Department in Government of Rajasthan, Prof. Anil Shasrabudhe, Chairman NEFT, NBA & EC NAAC, Shri KL Berwalji, Chancellor Dr.HSGV Sagar (M.P), Prof. Erach Bharucha (Director: Institute of Environment Education & Research, Pune), Prof. Bidhu Bhushan Mishra, VC, Sambalpur University.

This has been an inspiring year, but there are greater accolades to achieve. I therefore urge all faculty, staff, and students to continue contributing to not only our university but our nation's strength, resources, knowledge, and technological advancements. I extend my sincerest thanks to the Ministry of Education, UGC, Chancellor Dr. K. Kasturirangan, Executive Council, Academic Council, other committees, and the Editorial Team of this report in its final form for their unwavering support and valuable contributions.

**Prof. Anand Bhalerao**  
**Vice-Chancellor**  
**Central University of Rajasthan**





# The Vision, Mission, Goals, Objectives and Quality Statement

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## Vision

The vision of Central University of Rajasthan is Sustainable Development through Excellence in Education, Innovation, and Performative Societal Change.

## Mission

- To establish and sustain an inclusive environment that inspires students to undertake an intellectually challenging, socially engaging, and transformative learning experience.
- To cultivate an ecosystem for research and innovation wherein individual potential can be harnessed to provide sustainable solutions for global concerns.
- To impart value-based holistic education and develop resilient and skilled human resources that contribute to Nation-building.

## Goals

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





acting as responsible citizens of the global community by the inculcation of value-oriented education.

- To facilitate accessible and affordable, quality education that equips the learners with both academic and professional skills, moral principles, and a global perspective.
- To foster impactful faculty and student research that addresses fundamental as well as global issues.
- To incorporate national and international perspectives into our fundamental four- fold mission of teaching, research, extension and consultancy.
- To explore knowledge and wisdom cultivating a rich pool of interdisciplinary academic resources indispensable for sustainable development aiming to establish ourselves as a premier research-intensive university; and to share knowledge and technology with the community in order to strengthen and elevate the community potential, and to bolster India's competency at a global level.
- To implement proactive university administration strategies and to operate within a framework of high-quality governance based on efficiency, transparency and accountability.
- To transform the university into a globally renowned hub for intellectual growth, by fostering a positive mindset essential for thriving in an increasingly international and competitive job market. Simultaneously, emphasize the development of responsible global citizens through value-oriented education.

## Objectives

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





- Providing means for capacity building for leadership and service through academic programmes, campus activities and creating opportunities for community involvement
- Nurturing the character values of our students while simultaneously shaping their careers by developing analytical thinking skills, individual initiative and a sense of responsibility.
- Offering flexible, innovative academic and research programmes along with support structures that are tailored to meet the diverse need of learners and also address regional needs effectively.
- Facilitating a broad spectrum of learning opportunities for learners engaged in graduate, postgraduate and research programmes.
- Promoting thoughtful and accountable interactions between faculty and students on local, state, national and global affairs.
- Acknowledging a special responsibility to educate the students coming from minority communities and underprivileged socio-economic backgrounds.
- Undertaking research and consultancy projects to address the challenges faced by the region and leveraging our expertise for the betterment of the community.
- Fostering leadership and service skills through academic programmes, campus activities and community engagement initiative, thereby building the capacity for future leaders and responsible citizens.

## 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.

To address the demands of the knowledge era and match the rapid expansion of knowledge in higher education, the Central University of Rajasthan is dedicated to instilling and upholding quality across all aspects of higher education. This includes teaching, learning, research, and governance while catering to both regional and global needs.



## University at a Glance



The Central University of Rajasthan proudly holds an A++ grade in its second NAAC accreditation cycle, marking a significant milestone in its commitment to excellence and sustainable development. Established in 2009 by an Act of Parliament (Act No. 25 of 2009), CU Rajasthan was envisioned as one of India's most dynamic and inclusive universities, dedicated to providing quality, innovative education to diverse learner communities. Fully funded by the Government of India, CU Rajasthan prioritizes access to high-quality education, particularly for students from underrepresented socio-economic backgrounds.

In 2023, CU Rajasthan was recognized as a Category One University by the University Grants Commission (UGC), further underscoring its academic and institutional prominence. Under the visionary leadership of Vice Chancellor Professor Anand Bhalerao, who assumed office in January 2022, the university has witnessed substantial growth in infrastructure, academic rankings and resources available to students and staff. This growth reflects C U Raj's mission to be a leader in education and research, embracing cutting-edge technology and fostering global engagement.

Spanning over a 15-year journey, CU Rajasthan has rapidly emerged as one of Rajasthan's premier institutions of higher learning. The university's green, open campus offers an ideal, pollution-free environment that promotes academic excellence, research and holistic development. Students are actively engaged in a variety of cultural and sports activities essential for their well-being and personal growth. With a focus on creating a supportive and harmonious environment, CURAJ brings together students from across India and abroad, fostering a vibrant, diverse campus community.

Recently, CU Rajasthan has made substantial investments in modern infrastructure, creating state-of-the-art academic buildings, research labs and residential facilities. The campus now hosts well-equipped laboratories, a central library with extensive digital resources and dedicated spaces for innovative learning and collaborative research.





Additionally, advanced sports infrastructure has been developed including multi-purpose sports grounds, athletic tracks and fields for various sports. These facilities support a wide range of activities, from competitive athletics to recreational sports, encouraging a balanced, healthy lifestyle for all students. Such developments reflect CU Rajasthan's commitment to nurturing not only academic excellence but also the physical and mental well-being of its campus community, fostering a well-rounded student experience.

## Contours of Academic Growth

The Central University of Rajasthan which showed a humble beginning with two PG programs is now a full-fledged university with a wide array of PG, Integrated PG and Ph. D, programs across 32 Academic Departments running under 11 different Schools.

S. No.	Name of Schools	Departments
1.	<b>School of Architecture</b>	<ul style="list-style-type: none"> <li>Department of Architecture</li> <li>DDU Kaushal Kendra</li> </ul>
2.	<b>School of Chemical Sciences and Pharmacy</b>	<ul style="list-style-type: none"> <li>Department of Chemistry</li> <li>Department of Pharmacy</li> </ul>
3.	<b>School of Commerce and Management</b>	<ul style="list-style-type: none"> <li>Department of Commerce</li> <li>Department of Management</li> </ul>
4.	<b>School of Engineering and Technology</b>	<ul style="list-style-type: none"> <li>Department of Computer Science &amp; Engineering</li> <li>Department of Electronics and Communication Engineering (ECE)</li> <li>Department of Biomedical Engineering</li> <li>Department of Vocational Studies and Skill Development</li> </ul>
5.	<b>School of Earth Sciences</b>	<ul style="list-style-type: none"> <li>Department of Atmospheric Science</li> <li>Department of Environmental Science</li> </ul>
6.	<b>School of Life Sciences</b>	<ul style="list-style-type: none"> <li>Department of Biochemistry</li> <li>Department of Biotechnology</li> <li>Department of Microbiology</li> </ul>
7.	<b>School of Humanities and Languages</b>	<ul style="list-style-type: none"> <li>Department of English</li> <li>Department of Hindi</li> <li>Department of Linguistics</li> </ul>
8.	<b>School of Mathematics, Statistics and Computational Sciences</b>	<ul style="list-style-type: none"> <li>Department of Computer Science</li> <li>Department of Data Science &amp; Analytics</li> <li>Department of Mathematics</li> <li>Department of Statistics</li> </ul>
9.	<b>School of Social Sciences</b>	<ul style="list-style-type: none"> <li>Department of Economics</li> <li>Department of Culture &amp; Media Studies</li> <li>Department of Public Policy, Law and Governance</li> <li>Department of Social Work</li> <li>Department of Society - Technology Interface</li> </ul>





10.	<b>School of Sports Sciences, Yoga and Education</b>	<ul style="list-style-type: none"><li>• Department of Sports Bio-Sciences</li><li>• Department of Sports Psychology</li><li>• Department of Sports Biomechanics</li><li>• Department of Yoga</li><li>• Department of Education</li></ul>
11.	<b>School of Physical Sciences</b>	<ul style="list-style-type: none"><li>• Department of Physics</li></ul>

All academic programs at CURaj have been designed in alignment with the vision of the university to bring out thoughtful, sensitive, and responsible citizens. The academic programs running at Central University of Rajasthan are highly standardized programs designed with a vision to generate high employability, with apt mix of knowledge and skills focusing on sustainable development. Some of the programs that require special mentioning are Yoga Sciences, Sports Sciences, Digital Society, Big Data Analytics, Cultural Informatics and Atmospheric Sciences which were introduced in line with the emerging global trends in academia. All the ongoing courses at CURaj are revised and regularly updated to meet the global needs in the relevant disciplines. It is always ensured to include eminent academicians, industry experts, alumni, students, and others. The process of approval of the syllabus through the Departmental Board of Studies, School Board, and Academic Council is always followed to ensure the effective combination of theory practice, integrating demands of the job market, and updating the most relevant knowledge of the time. Such academic excellence is always driven by an adequate focus on research, intervention projects, and consultancy engagements by the faculty members.

The University has planned to start three new academic departments in line with academic expansion and development. These are the Department of Medical Laboratory Technology, Department of Neuro-Sciences under the Interdisciplinary School of Health Sciences, Hotel and Tourism Management under the School of Commerce and Management, Department of Theater and Performing Arts under the School of Performing Arts. Three senior professors have been given the charge to initiate the schools and make necessary arrangements to facilitate the functioning of the same.

### **Adaptation of NEP 2020**

Central University of Rajasthan (CURAJ) has been proactively engaged in the implementation of the NEP 2020. A NEP 2020 cell has been constituted to prepare the action plan for faster implementation of the policy at various educational levels in the University. The University has formulated detailed regulations/guidelines pertaining to different components of NEP viz. academic bank of credits, multiple entry-exit, vocational education, internship, online and distance learning, internationalization of higher education for implementation at CURAJ.





The University has begun the implementation of NEP 2020 in all the disciplines and at various levels with the restructuring of the course curriculum as per the NEP 2020, the launch of certificate/diploma courses, and open distance learning center.

• **Academic Bank of Credits:** The University has opened an account on ABC platform. All the students pursuing PG degree have been registered and have opened accounts on ABC platform.

The results for the academic year 2020-21 and 2021-22 have been uploaded on the ABC portal and the University is using the same for issuing transcripts and maintaining the detailed information about students. Total 824 ABC IDs have been created (637 from batch 2021 and 187 from batch 2022) and other enrollments are in the process.

• **Multiple Entry- Multiple Exit:** Curriculum of 32 PG programs has been restructured and implemented in the academic year 2022-23 in line with NEP 2020 to facilitate student-centric holistic learning with following components

- Core courses
- Elective courses
- NPTEL and MOOCs
- Tutorials
- Research
- Internship
- Courses on Entrepreneurship
- Aptitude and Skill courses
- Involvement of Industry experts
- Vocational courses

• **Vocational education:** Vocational certificate course has been initiated from the Department of Yoga i.e., Yoga Teacher Training Course (YTTC) Level-1. 21 students have been enrolled for the course during 16 Dec 2022 – 15 Jan 2023.

• **Internationalization of higher education:** The Office of International Affairs has been established in the University to take care of all the matters related to admissions of international students. Additionally, the admission guidelines, fee structure, application forms etc. are made available on the University website to ease international student's admission.

• **Alumni connect:** AlmaShines has been used to create, interact and register the alumni <https://www.almashines.com/curaj>. 4968 alumni have already connected through the AlmaShines. The University is regularly organizing the alumni meets too.

• **Apprenticeship/Internship Embedded Scheme** has been implemented in PG programs from academic session 2022-23. The proposed minimum duration for the Internship / Apprenticeship is 8 weeks. However, the department may decide more duration for the internship/apprenticeship, depending upon the requirements of the





program. The Internship must be during the summer period of academic session. The students will be assigned grades corresponding to the credits earned.

## State of Infrastructure

The infrastructure of the university includes richly equipped Lecture/Seminar/Conference Halls, Labs, Library, Office Space for Teaching and Non-teachings staff, Residential flats and quarters for both teaching and non-teaching staff, Residential hostels for all students, Ph.D. Scholars, and other research scholars. The university also includes an on-campus Bank, Health center, Auditorium, and various other infrastructure for different kind of indoor and outdoor sports and extracurricular activities. The University also includes an on-campus Bank, Health center, Auditorium, and other infrastructure for different kinds of indoor and outdoor sports and extracurricular activities. It has two outdoor stadiums, one for cricket and another for football which has a 400-meter running track facility. Apart from these, there are dedicated courts for basketball, handball, volleyball, kabaddi, kho-kho, and cricket. The indoor sports area includes a badminton court, tennis court, and gym facilities for students. Besides, several other facilities like on campus Laundry, Post office, Incubation Centre are available in the University.

### Lecture/Seminar/Conference Halls/Central Instrumentation Laboratory

All the classrooms dedicated to teaching are spacious and well-illuminated. In the year 2023-24, four smart class rooms were added in addition to existing thirteen smart class rooms. CURAJ has a greater number of well-equipped smart classrooms. In addition to classrooms, several schools and the administrative building have seminar/conference halls with state-of-the-art multimedia equipment. Another smart conference room was added to this list in 2023-2024. The Central Instrument Facility was built to address the demand for collaborative and multidisciplinary research, and highly sophisticated equipment worth Rs. 42 crores are being purchased.

## Health Centre

The University has a well-equipped Health Centre on its premises to provide first aid and basic health services to students, Teaching and Non-Teaching Staff. During the pandemic, two COVID-19 isolation wards were established in the University Health Centre. Besides, the Health Centre has a fully functional dental setup, physiotherapy unit, etc. for students and staff. The centre has ambulance service for referring critical cases to nearby higher medical centres (YN Hospital Kishangarh and Marble City Hospital Kishangarh). It provides O.P.D. services in the morning from 8 a.m. to 12 noon and in the evening from 4 to 7 p.m. besides having 24 hrs. emergency services for giving injections, drips, oxygen supply, nebulization etc. to indoor patients. The centre is equipped with Oxygenator, Nebulizer, ECG, Pulse Oximeter, Resuscitation Kit (Ambu Bag etc.), Sphygmomanometer, wheelchairs, stretcher and autoclave, to deal with during an





emergency. In the reporting year 2022-23, the health centre has provided OPD consultancy (including students and staff), in-patient service, emergency, and referral services, to 13562 cases.

## Infrastructure for Sports and other Cultural Activities

The University endorses both indoor and outdoor games hence, there are outdoor spaces for football (football ground), for cricket (cricket ground), for volleyball (volleyball ground), for basketball (basketball courts) and for tennis (tennis courts) while there is indoor space for games like Badminton, Table-tennis, etc. The facilities for Yoga are created for the regular practice of the students and staff. Besides indoor and outdoor sports complexes, students also have access to separate gymnasiums for both boys and girls. There are indoor and outdoor gyms with a trainer for girls, boys, and staff. The university auditorium is the place for various evening functions and cultural activities and is close to the hostel buildings. All these facilities of sports are refabricated and revamped with the addition of advanced facilities. The school of Sports Sciences has created special boxing ring facilities for the students. All the students interested in different sports activities are supported with training and basic equipment as required. Besides the university auditorium, three other auditoriums located at different school buildings are dedicated to academic as well as administrative activities.

## Internet Facility

In present times the internet has become an essential component of the teaching learning activities. Hence, the university has a dedicated ICT cell responsible for the availability of smooth and flowless internet facilities within the campus. The university has made available Internet facilities under NMEICT, Optical fiber connectivity, and Wi-Fi using OPEX through RailTel. Besides, there are about 1200 LAN points in place to provide LAN internet.

## Student Achievement

The most defining characteristics of a teaching institution, especially higher education institution, is achievement of its students. The number of students achievers is increasing day by day. In the reporting year 2022-23, CURaj is proud to have several achievers amongst its alumni and amongst those still pursuing their courses at the university. CURaj alumni are providing their services in various fields including academia, corporate, administration as well as higher education in world renowned institutions. Students' achievements include qualifying NET, GATE and several other similar kinds of prestigious fellowship exams.

## Pro-Learner Approach

Institutions are best known by their students therefore the task of the institution is to develop the learner-centric knowledge-dom. Hence, CURAJ is also committed to it. At CURAJ students are always given enough chances and opportunities to explore their





capabilities and become successful professionals. This is the reason that the University has adopted NEP 2020 which gives students flexibility of course selection as per their zeal and choice. The system of admission, examination, grading, and other academic engagements are highly transparent. The students from all over India and even from foreign nations join for their academic pursuit that truly represents the Unity in Diversity and Spirit of National Integration. The student in-take through an All-India Test (CUCET) is perfectly in line with the idea of 'social inclusion'. With the facility of Choice-based Credit System, Audit Courses, Open Electives and MOOC courses through SWAYAM and NPTEL, the academic structuring is strongly learner-centric.

## Employment Initiative

Well-placed alumni are an asset to the institution. Proper placement of students gives the institution a reason to feel proud and happy. Thus, the University has not only focused on educating students, but initiatives have also been taken from time to time to ensure the employability of the students. In order to do so the needs of the job sector and industrial demands for appropriate human resources are always kept in the forefront while designing the course and the syllabi. Besides, the University has a dedicated placement cell which looks after all the placement-related activities. The placement cell of the University does not only provide placement assistance to the students but also helps them in their career planning, preparation for selection tests, summer placement, internship and final placements. The Job Fair was organized from 23rd to 24th February 2023. Students got hands-on training on skills such as communication, problem-solving, teamwork, adaptability, time management, and computer literacy to attract the best jobs. They also received a number of placement and internship offers in this job fair.

## Vistas and Prospects

Over the years the Central University of Rajasthan has raised in its stature and, standard and made significant contributions to the academic world and to the society. Research and innovation have reached new heights with a number of national and international collaborations, academic publications and establishment of high-end research laboratories. The alumnus of CURAJ has not only reached different corners of the country but also different foreign lands, succeeding in diverse professional fields. With all its commitments and strength, the University is solemnly dedicated to the vision of evolving into a center of education where thoughtful, creative, sensitive, and responsible citizens are developed for a better, equitable and forward-looking nation. Each of the future endeavors shall be a step in this direction. The vision is to help the nation remain heritage-rich (natural as well as cultural) and to help society become virtue-strong, and wisdom-nurturing. With these endeavors CURAJ is striving to be a place of higher education wherein human potential should blossom to its outermost contours with an excellent opportunity for teaching, learning, research, and extension for catering sustainable systems according to the local, regional, and global needs.





## Academic Information

This chapter is the reflection of quantitative information related to academic aspects of Central University of Rajasthan. The tables and figures in this chapter represent the overall situation of the academic year 2023-24. The first table (Table No.-1) shows the details of admission in 55 different Integrated, and PG Programmes in reserved and unreserved categories. The second table (Table No.-2) depicts the number of admissions in 30 different Ph.D. programs of Central University of Rajasthan. The third table (Table No.-3) shows the gender distribution of the students hailing from 31 different States and foreign nations in various programmes. The next table (Table No.-4) provides the name of the students who secured 1st position in their respective programme. Table No.-5 provides the convocation-wise break-up of degrees to be awarded in the 8<sup>th</sup> convocation.

**Table No.1: Information regarding admissions in the academic year 2023-24**

Admission 2023-24																	
		Total Intake						Admitted						Admitted Against UR			
S.N o.	Name of the Programme	Intake	UR	OB C	S C	S T	E W S	U R	OB C	S C	S T	E W S	Total	OB C	S C	S T	E W S
1	B.Tech. Biomedical Engineering	30	13	8	4	2	3	3	3	0	0	0	6	2	0	0	0
2	B.Tech. Computer Science & Engineering	30	13	8	4	2	3	2	16	5	2	5	30	8	1	0	1
3	B.Tech. Electronics and Communication Engineering	30	13	8	4	2	3	9	9	3	1	1	23	3	1	0	0
4	B.Sc. B.Ed. (Integrated Teacher Education Programme)	50	21	13	7	4	5	8	23	2	3	5	41	10	0	1	0
5	Integrated M.Sc. Biochemistry	33	14	9	5	2	3	10	15	4	2	4	35	5	0	0	4
6	Integrated M.Sc Biotechnology	33	14	9	5	2	3	7	13	7	2	6	35	4	1	0	2
7	Integrated M.Sc. Chemistry	30	13	8	4	2	3	8	15	4	2	2	31	7	0	1	0
8	Integrated M.Sc. Computer Science	33	14	9	5	2	3	9	15	5	1	4	34	4	0	0	1
9	Integrated M.Sc. Economics	35	15	9	5	3	3	4	17	1	0	2	24	10	1	0	0
10	Integrated M.Sc. Environmental Science	33	14	9	5	2	3	6	15	5	0	5	31	7	1	0	1
11	Integrated M.Sc. Linguistics	30	13	8	4	2	3	3	8	4	0	1	16	8	1	0	1
12	Integrated M.Sc. Mathematics	30	13	8	4	2	3	2	16	5	0	5	28	8	1	0	2
13	Integrated M.Sc. Microbiology	33	14	9	5	2	3	12	13	3	0	2	30	5	0	0	2
14	Integrated M.Sc.	30	13	8	4	2	3	4	17	3	1	4	29	9	0	0	1





	Physics																
15	Integrated M.Sc. Statistics	35	15	9	5	3	3	9	16	1	0	2	28	6	0	0	0
16	Integrated M.Sc. B.Ed. Chemistry	30	13	8	4	2	3	7	18	4	3	3	35	8	0	0	0
17	Integrated M.Sc. B.Ed. Economics	30	13	8	4	2	3	2	9	1	0	0	12	6	1	0	0
18	Integrated M.Sc. B.Ed. Mathematics	30	13	8	4	2	3	4	16	4	2	5	31	7	1	0	2
19	Integrated M.Sc. B.Ed. Physics	30	13	8	4	2	3	2	15	4	3	6	30	8	0	0	4
20	M.Com.	30	13	8	4	2	3	3	11	3	2	5	24	4	1	1	4
21	M.A. Culture & Media Studies	33	14	9	5	2	3	5	2	0	0	0	7	2	0	0	0
22	M.A. Economics	30	13	8	4	2	3	4	5	2	0	0	11	5	2	0	0
23	M.A. English	35	15	9	5	3	3	6	11	1	2	2	22	6	0	1	0
24	M. A. Education	35	15	9	5	3	3	0	0	0	0	0	0	0	0	0	0
25	M.A. Hindi	30	13	8	4	2	3	0	12	3	0	2	17	9	3	0	2
26	M.A. in Cultural Informatics	23	10	6	3	2	2	0	0	0	0	0	0	0	0	0	0
27	M.A. PPLG	25	10	7	4	2	2	3	9	0	3	2	17	3	0	2	0
28	M.A/M.Sc. Sports Psychology	30	13	8	4	2	3	2	3	0	0	1	6	3	0	0	1
29	M.Pharm. (Pharmaceutical Chemistry)	15	7	4	2	1	1	5	6	3	1	1	16	2	1	0	0
30	M.Pharm. (Pharmaceutics)	15	7	4	2	1	1	6	6	2	1	1	16	1	0	0	0
31	M.Pharm. (Pharmacology)	15	7	4	2	1	1	2	8	2	1	0	13	5	0	0	0
32	M.Sc. Atmospheric Science	30	13	8	4	2	3	4	9	0	0	0	13	1	0	0	0
33	M.Sc. Biochemistry	25	10	7	4	2	2	6	10	3	1	3	23	4	0	0	1
34	M.Sc. Chemistry	25	10	7	4	2	2	8	9	2	1	1	21	0	0	0	0
35	M.Sc. Computer Science	25	10	7	4	2	2	5	3	1	1	0	10	0	0	0	0
36	M.Sc. Computer Science (Big Data Analytics)	50	21	13	7	4	5	9	10	4	0	2	25	9	2	0	2
37	M.Sc. Digital Society	30	13	8	4	2	3	6	4	1	0	2	13	4	1	0	2
38	M.Sc. Environmental Science	28	11	8	4	2	3	3	11	4	1	2	21	1	0	0	0
39	M.Sc. Mathematics	30	13	8	4	2	3	3	14	4	1	4	26	6	0	1	1
40	M.Sc. Microbiology	25	10	7	4	2	2	6	10	2	2	1	21	4	0	0	1
41	M.Sc. Physics	23	10	6	3	2	2	2	10	2	2	2	18	4	0	0	0
42	M.Sc. Sports Biochemistry	30	13	8	4	2	3	1	1	0	0	0	2	1	0	0	0
43	M.Sc. Sports Biomechanics	30	13	8	4	2	3	1	0	0	0	0	1	0	0	0	0
44	M.Sc. Sports Nutrition	30	13	8	4	2	3	1	3	2	0	0	6	3	2	0	0
45	M.Sc. Sports Physiology	30	13	8	4	2	3	1	0	0	0	0	1	0	0	0	0





46	M.Sc. Statistics	25	10	7	4	2	2	6	6	0	0	1	13	4	0	0	1
47	M.Sc. Yoga	40	16	11	6	3	4	9	5	2	0	4	20	3	1	0	2
48	M.Tech. Computer Science (Cyber Physical System)	15	7	4	2	1	1	1	0	0	0	0	1	0	0	0	0
49	Master of Social Work	35	15	9	5	3	3	4	15	2	2	1	24	1 1	1	0	0
50	MBA	35	15	9	5	3	3	1 3	14	5	1	0	33	5	0	0	0
51	PG Diploma in Media Writing and Digital Communication	20	9	5	3	1	2	0	0	0	0	0	0	0	0	0	0
52	M.Sc. Biotechnology	25	10	7	4	2	2	9	8	3	2	2	24	0	0	0	0
53	M.Arch. (Sustainable Architecture)	23	10	6	3	2	2	3	0	1	0	0	4	0	1	0	0
54	M.Tech. Computer Science & Engineering	23	10	6	3	2	2	0	2	1	0	1	4	2	1	0	1
55	PG Diploma in Yoga and Pain Management	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0
	<b>Total</b>	<b>15 83</b>	<b>676</b>	<b>42 3</b>	<b>2 2 3</b>	<b>1 1 4</b>	<b>1 4 7</b>	<b>2 4 8</b>	<b>48 6</b>	<b>1 2 0</b>	<b>4 6</b>	<b>1 0 2</b>	<b>1 0 0 2</b>	<b>2 2 7</b>	<b>2 5</b>	<b>7</b>	<b>3 9</b>

Table No. 1 (above) depicts that a total of 1002 students took admission in the academic session 2023-24. Out of this, 248 students (24.75%) belong to unreserved, 486 students (48.37%) belong to OBC category, 120 students (11.97%) were from SC category, 46 students (4.59%) from ST category, 102 students (10.17%) from EWS category. The table also shows that 298 students belonging to reserved category secured their admission in the unreserved seats according to the merit list in different programmes. Subsequently, Figure-1 depicts the distribution of the students admitted in various categories in the academic session 2023-24, in the Central University of Rajasthan. Figure-2 shows the number of students belonging to different category who were able to secure their admission in unreserved seats.



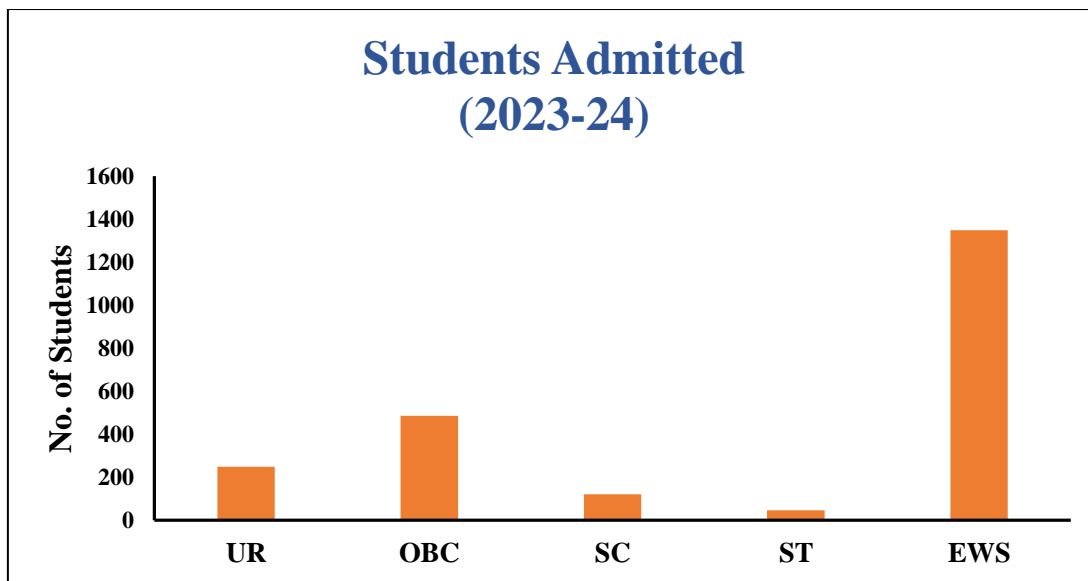


Fig 1: Number of students admitted in academic year 2023-24

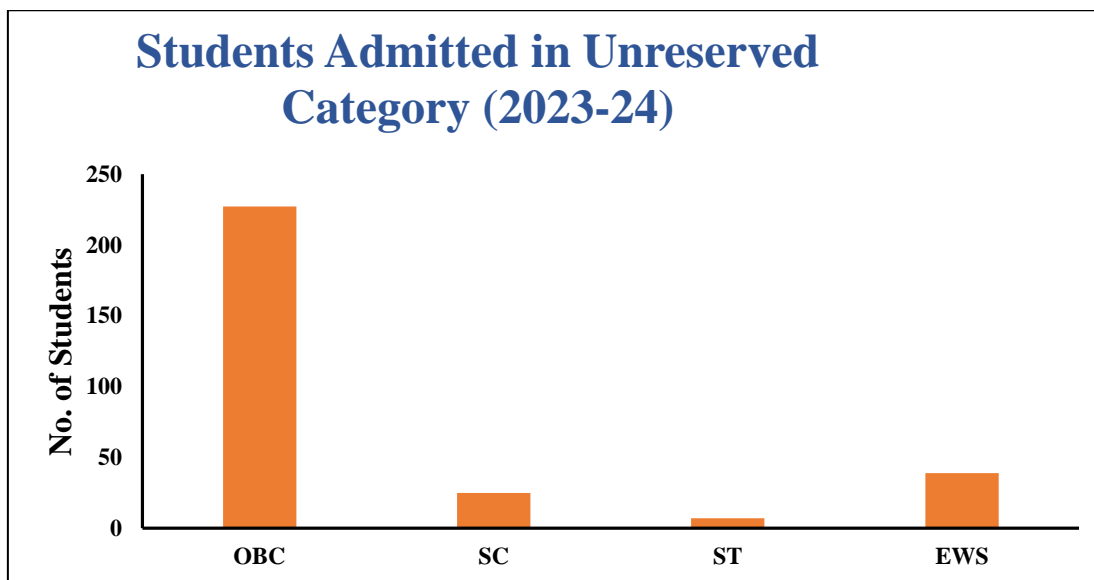


Fig 2: Number of students admitted against unreserved category in academic year 2023-24





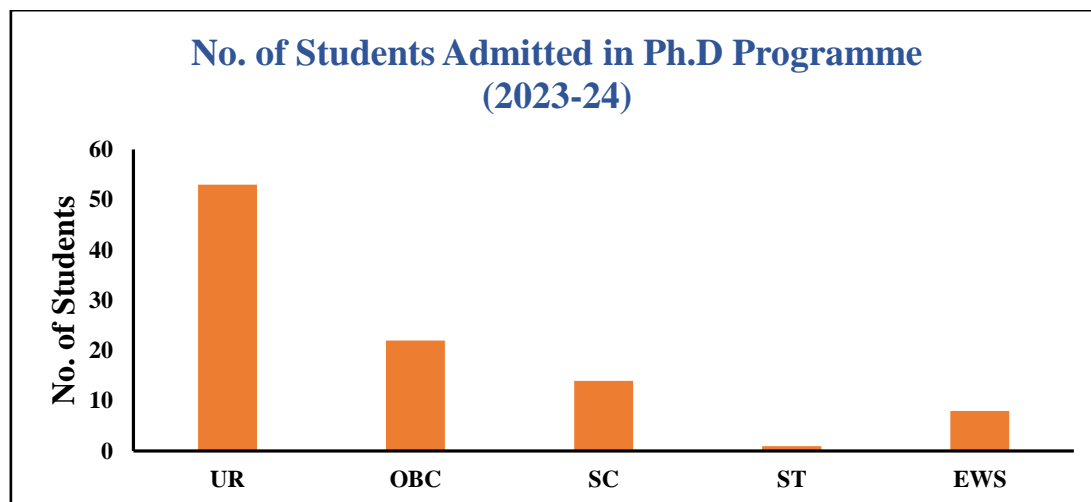
**Table No. 2: Information regarding admissions in Ph. D. Programme in Academic Session 2023-24**

Ph.D. Admission 2023-24								
S. No	Name of the Programme	Total Intake	Category wise admitted					Total Admitted
			UR	OBC	SC	ST	EWS	
1	Ph.D. Architecture	2	0	0	0	0	0	0
2	Ph.D. Atmospheric Science	11	1	0	3	0	1	5
3	Ph.D. Biochemistry	10	3	1	1	0	0	5
4	Ph.D. Biotechnology	16	7	4	2	0	1	14
5	Ph.D. Chemistry	12	2	0	0	0	1	3
6	Ph.D. Commerce	5	3	1	0	0	0	4
7	Ph.D. Computer Science	10	1	2	0	0	0	3
8	Ph.D. Computer Science and Engineering	10	0	0	0	0	0	0
9	Ph.D. Culture and Media Studies	7	2	2	1	1	0	6
10	Ph.D. Digital Society	8	2	0	0	0	0	2
11	Ph.D. Data Science & Analytics	9	2	0	0	0	0	2
12	Ph.D. English	0	0	0	0	0	0	0
13	Ph.D. Electronics and Communication Engineering	10	1	0	1	0	0	2
14	Ph.D. Economics	6	1	1	1	0	1	4
15	Ph.D. Education	18	5	3	3	0	1	12
16	Ph.D. Environment Science	14	6	3	0	0	0	9
17	Ph.D. Hindi	0	0	0	0	0	0	0
18	Ph.D. Linguistics	3	2	0	0	0	0	2
19	Ph.D. Management	7	2	1	0	0	1	4
20	Ph.D. Mathematics	5	2	1	1	0	0	4
21	Ph.D. Microbiology	0	0	0	0	0	0	0
22	Ph.D. Pharmacy	7	2	0	0	0	0	2
23	Ph.D. Physics	15	1	0	0	0	1	2
24	Ph.D. Public Policy, Law and Governance	5	2	0	1	0	0	3
25	Ph.D. Social Work	8	2	1	0	0	1	4
26	Ph.D. Sports Biomechanics	0	0	0	0	0	0	0
27	Ph.D. Sports Biosciences	2	1	0	0	0	0	1
28	Ph.D. Sports Psychology	3	1	1	0	0	0	2
29	Ph.D. Statistics	11	0	0	0	0	0	0
30	Ph.D. Yoga	2	2	1	0	0	0	3
	<b>Total</b>	<b>216</b>	<b>53</b>	<b>22</b>	<b>14</b>	<b>1</b>	<b>8</b>	<b>98</b>

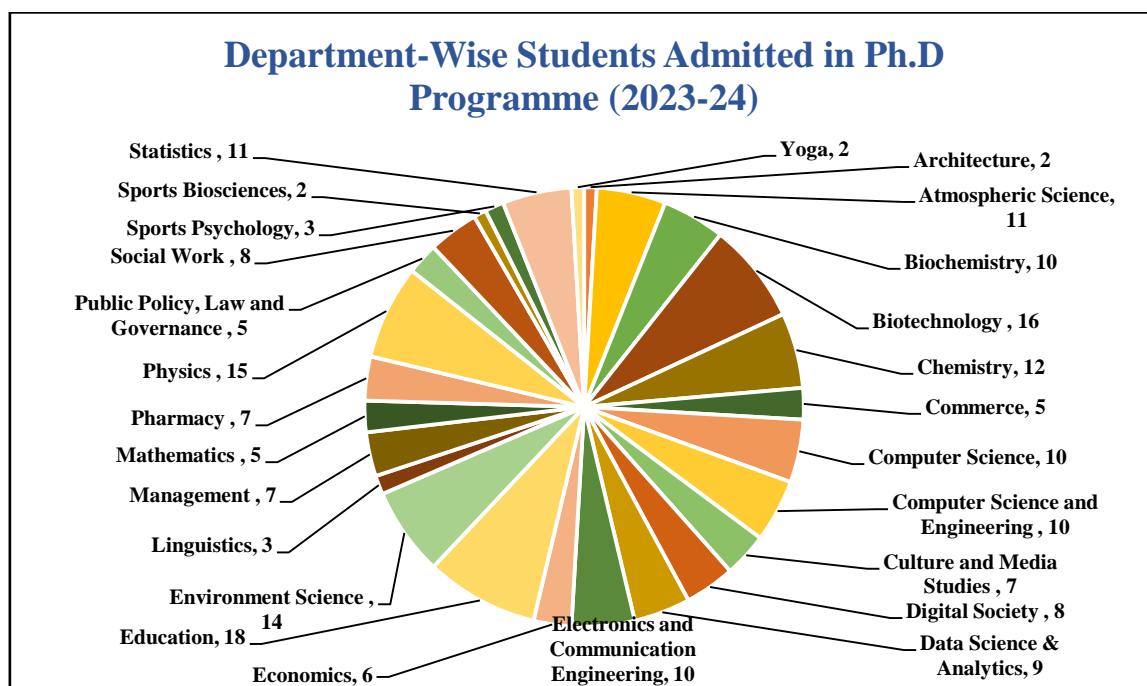
According to Table No.2, a total of 98 students were provided seats for admission in the Ph.D. programme in 30 departments in the year 2023-24 through the exam conducted



by the Central University of Rajasthan. A total of 216 seats were advertised in 30 departments. The EWS category was introduced in the year 2019-20 for Ph.D. admissions, and the same is continuing. The bar diagram in figure-3 shows the distribution of the Ph.D. Scholars in various categories. Figure-4 represents the distribution of the Ph.D. scholars in different departments.



**Fig 3:** Number of students admitted in Ph.D programme in academic year 2023-24



**Fig 4:** Department-wise students admitted in Ph.D. programme in academic year 2023-24





**Table No. 3: State-wise distribution, according to gender of the students in all the programmes admitted in Academic Session 2023-24**

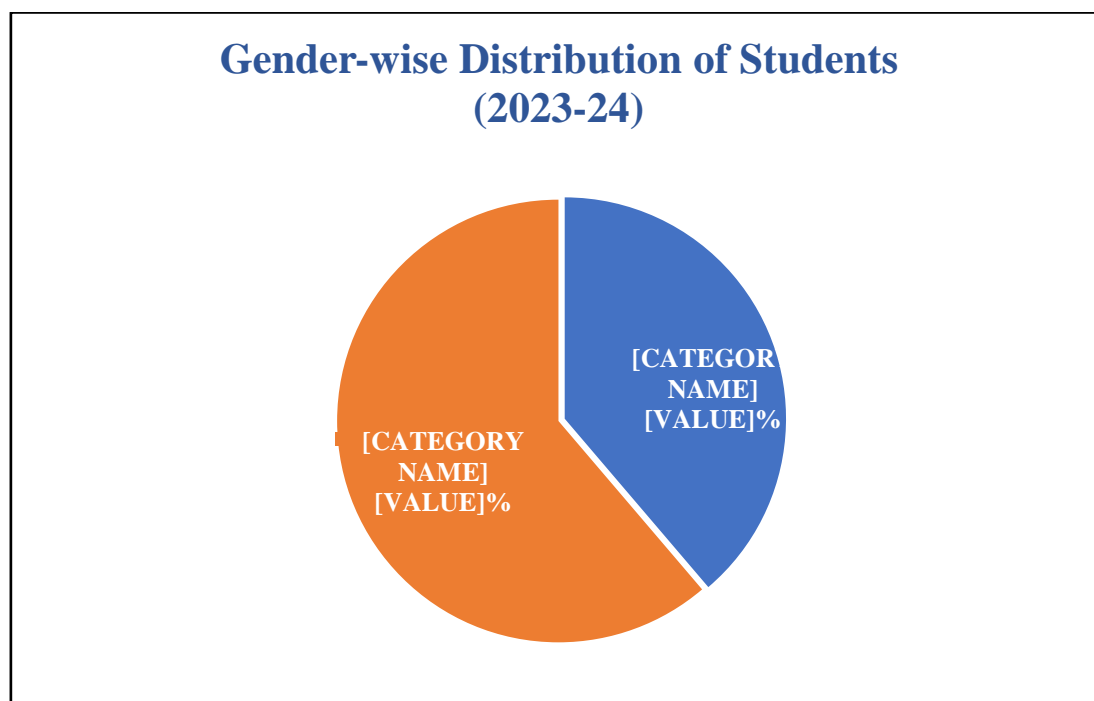
State wise students (as on18.03.2024)																				
State	B.Tech		Int. M.Sc 5Yr		Int. M.Sc. B.Ed		M.Arch/ M.Tech		MBA		PG		NEW (2023-24)		Ongoing		TOTAL		TO T A L	%
	Fe ma le	M a l e	Fe ma le	M a l e	Fe ma le	M a l e	Fe ma le	M a l e	Fe ma le	M a l e	Fe ma le	M a l e	Fe ma le	M a l e	Fe ma le	M a l e	Fe ma le	M a l e		
Andhra Pradesh	0	4	2	15	0	1	0	0	0	1	5	4	1	6	7	25	8	31	39	1.35
Arunachal Pradesh	0	0	1	0	0	0	0	0	0	0	1	0	1	0	2	0	3	0	3	0.10
Assam	0	1	7	3	0	1	0	0	0	0	2	6	4	2	9	11	13	13	26	0.90
Bihar	3	15	40	81	6	19	0	0	0	2	13	31	29	53	62	148	91	201	292	10.10
Chhattisgarh	1	1	1	2	0	0	0	0	0	0	3	0	3	1	5	3	8	4	12	0.41
Delhi	1	3	6	10	3	1	0	0	1	0	9	6	12	6	20	20	32	26	58	2.01
Foreign	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	4	0	4	4	0.14
Himachal Pradesh	0	0	0	0	0	0	0	1	0	0	2	1	5	1	2	2	7	3	10	0.35
Goa	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0.03
Gujarat	0	1	1	0	0	0	0	0	0	0	0	1	1	2	1	2	2	4	6	0.21
Haryana	3	3	10	16	6	3	0	0	3	5	10	5	15	12	32	32	47	44	91	3.15
Jammu & Kashmir	0	1	4	7	0	1	0	0	0	1	3	1	2	1	7	11	9	12	21	0.73
Jharkhand	0	1	8	19	2	3	0	1	1	1	4	6	12	10	15	31	27	41	68	2.35
Karnataka	1	2	0	0	0	0	0	0	0	0	1	2	0	1	2	4	2	5	7	0.24
Kerala	1	0	14	27	5	4	0	0	0	0	38	46	26	28	58	77	84	105	189	6.54
Ladakh	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	1	0.03
Madhya Pradesh	3	2	2	2	2	2	0	0	0	0	15	10	9	11	22	16	31	27	58	2.01
Maharashtra	3	6	1	4	1	1	0	0	0	0	3	11	1	6	8	22	9	28	37	1.28
Manipur	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	2	1	2	3	0.10
Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0.03
Meghalaya	0	0	0	1	0	0	0	0	0	0	1	0	3	0	1	1	4	1	5	0.17
Mizoram	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	2	1	2	3	0.10
Odisha	0	0	5	10	7	23	0	0	0	0	3	8	13	22	15	41	28	63	91	3.15
Punjab	0	0	0	1	0	0	0	0	0	0	2	2	2	0	2	3	4	3	7	0.24
Rajasthan	11	85	199	311	45	78	3	5	4	10	85	90	206	329	347	579	553	908	1461	50.52
Tamil Nadu	1	0	3	4	0	0	1	0	0	0	0	2	0	1	5	6	5	7	12	0.41
Telangana	0	10	7	10	0	1	0	0	0	0	7	1	5	4	14	22	19	26	45	1.56
Tripura	0	0	2	0	0	0	0	0	0	0	0	1	0	0	2	1	2	1	3	0.10
Uttar Pradesh	3	15	21	49	7	9	2	3	1	5	34	25	30	60	68	106	98	166	264	9.13





Uttarakhand	0	0	2	0	0	1	0	0	0	0	2	1	4	4	4	2	8	6	14	0.48
Dadra and Nagar haveli	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0.03
West Bengal	2	2	3	13	2	2	1	0	0	0	13	9	3	9	21	26	24	35	59	2.04
<b>Grand Total</b>	<b>33</b>	<b>153</b>	<b>340</b>	<b>586</b>	<b>86</b>	<b>151</b>	<b>8</b>	<b>11</b>	<b>10</b>	<b>29</b>	<b>257</b>	<b>271</b>	<b>387</b>	<b>570</b>	<b>734</b>	<b>1201</b>	<b>1121</b>	<b>2871</b>	<b>1000</b>	<b>0.00</b>

The gender distribution in the table 3 and in the figure 5 shows that 38.76% of the students are female, while 61.24% of the students are male in the academic session 2023-24. Figure-6 represents that 49.48% of the students are from Rajasthan, while 50.52% students belong to other states. Table-3 also highlights that there are students from all 31 states of India and, also from other nations, studying at Central University of Rajasthan that aptly represents a pan-India feature and cosmopolitan culture of the University.

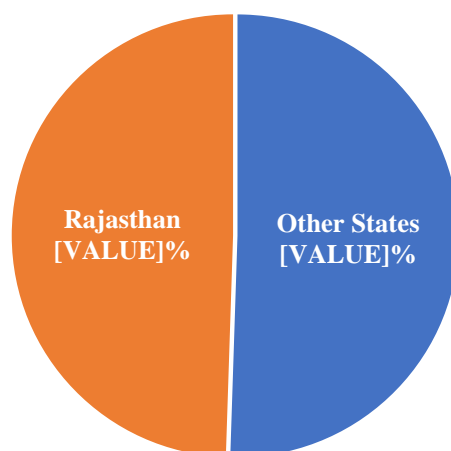


**Fig 5:** Gender-wise distribution of students admitted up to academic year 2023-24.



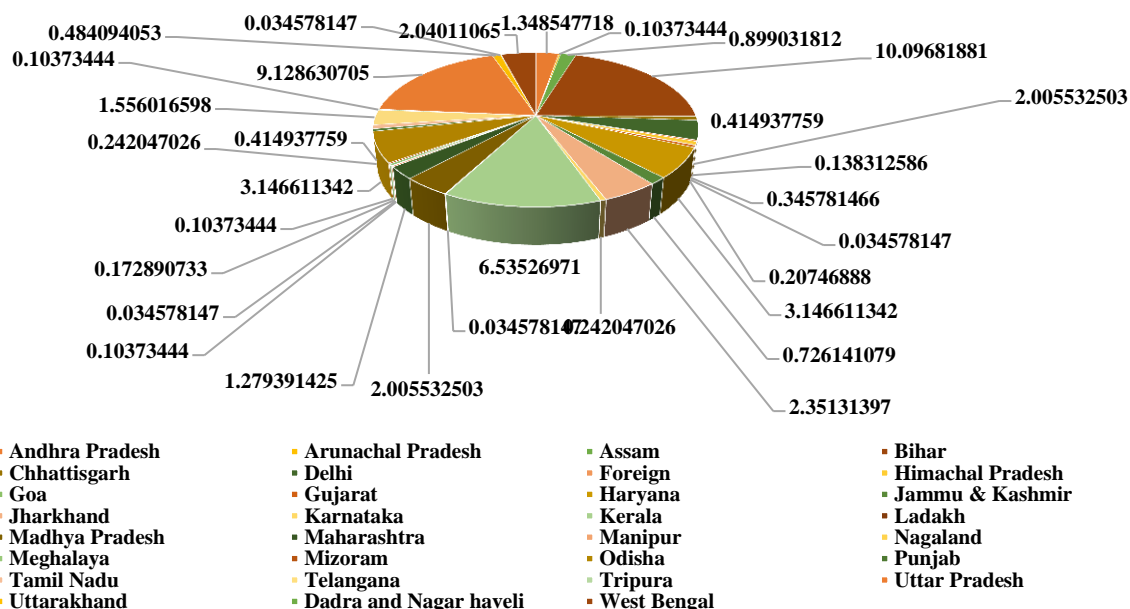


### Distribution of Students: Rajasthan vs Other States (2023-24)



**Fig 6:** Percentage of students from Rajasthan Vs other states up to academic year 2023-24.

### Distribution (%) of Students from Other States (2023-24)



**Fig 7:** Percentage of students from other states (other than Rajasthan) up to academic year 2023-24.

The following table (No-4) shows the name of the students who stood first in the final examination in the year 2023 in different programme. The subsequent pie-chart (Fig-8) shows the distribution of toppers of different departments. This is based on the number of programmes offered by different departments.





**Table No. 4: List of students securing first position in the year 2023**  
**(The students will receive the Gold Medal in the 8<sup>th</sup> Convocation)**

S. No.	Enrolment No	Name of Students	Programme	Department
1	2021MARCH004	Damini Saluja	M. Arch.	Architecture
2	2021MSATS012	Shreyasi Upadhyay	M.Sc. Atmospheric Science	Atmospheric Science
3	2021MSBC002	Anshika Gupta	M. Sc. Biochemistry	Biochemistry
4	2021MSBT016	Siddhi Paliwal	M. Sc. Biotechnology	Biotechnology
5	2021MSCH009	Jishu Nanda	M.Sc. Chemistry	Chemistry
6	2020IMSBCH005	Anmol Behera	Int. M.Sc. B.Ed. Chemistry	Chemistry
7	2021MCOM003	Baleboina Vengababu	M.Com.	Commerce
8	2021MSCS016	Siddharth Singh Kushwaha	M.Sc. Computer Science	Computer Science
9	2021MTCPS002	Kundan Kumar	M.Tech. CS (Cyber Physical System)	Computer Science
10	2021MTCSE 003	Shivam Kumar	M. Tech Computer Science and Engineering	Computer Science and Engineering
11	2021MACMS016	Tanisha Mathur	M.A. CMS	Culture and Media Studies
12	2021MSBDA032	Pravat Patra	M.Sc. CS (Big Data Analytics)	Data Science and Analytics
13	2021MAE011	Himadri Soni	M.A. Economics	Economics
14	2020IMSBEC015	Nehal Jain	Int. M. Sc. B. Ed. Economics	Economics
15	2021MAEN004	Ananya Singh	M.A. English	English
16	2021MAED001	Ashutosh Kudei	M.A. Education	Education
17	2021MSES001	Aarti Meena	M.Sc. Environmental Science	Environmental Science
18	2021MAH010	Hinglaj Dan	M.A. Hindi	Hindi
19	2021MBA025	Sunayana Shakya	MBA	Management
20	2021MSMT018	Priya Dongre	M.Sc. Mathematics	Mathematics
21	2020IMSBMT025	Raja Keshri	Int. M. Sc. B.Ed. Mathematics	Mathematics

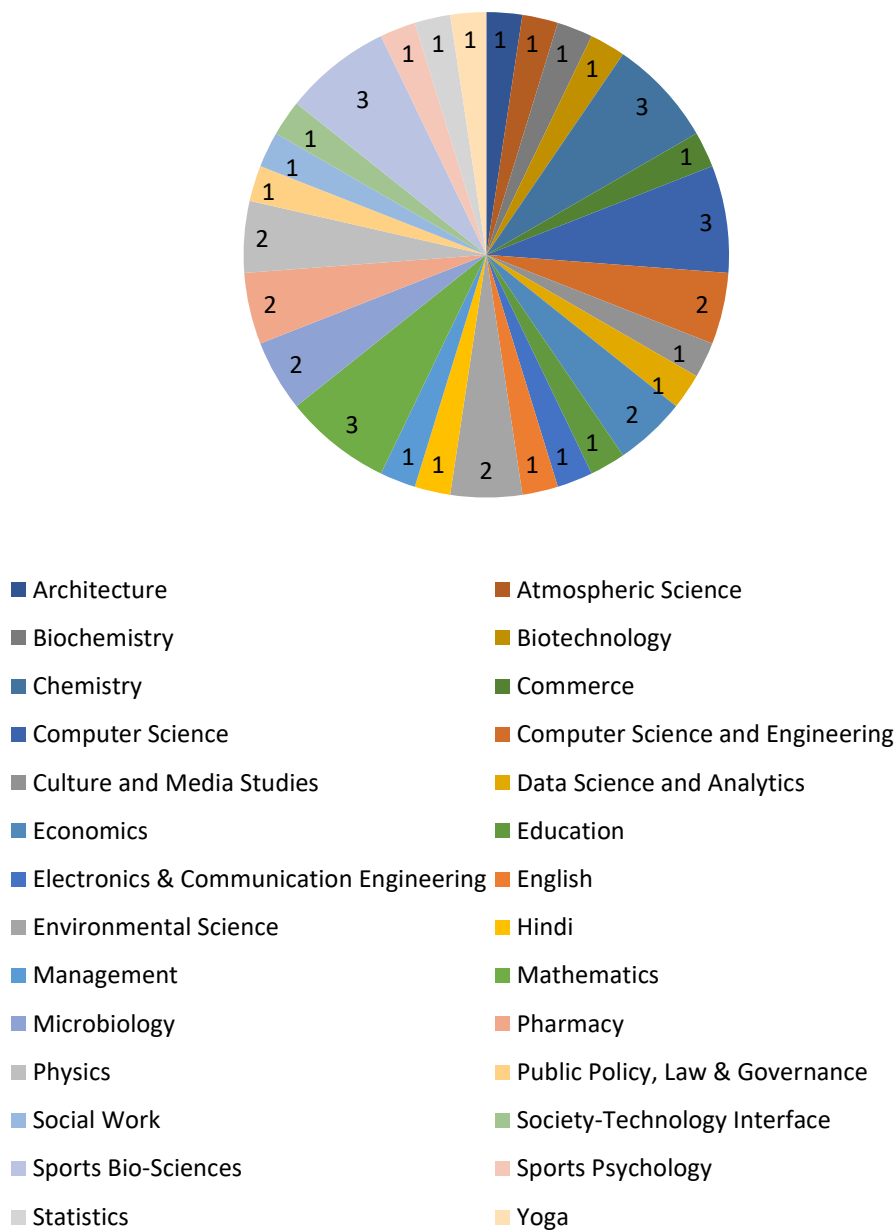




22	2021MSMB007	Kajal Tyagi	M. Sc. Microbiology	Microbiology
23	2021MPPC001	Amandeep Singh Kalsi	M. Pharm. (Pharmaceutical Chemistry)	Pharmacy
24	2021MPP009	Sreya Subhash	M. Pharm. (Pharmaceutics)	Pharmacy
25	2021MSPH017	Sohan Ram Puniya	M.Sc. Physics	Physics
26	2020IMSBPH010	Komal Pareek	Int. M. Sc. B. Ed. Physics	Physics
27	2021MPPLG020	Vikram Singh Gurjar	M.A. PPLG	Public Policy, Law & Governance
28	2021MSW017	Neethu Lekshmi G	Master of Social Work	Social Work
29	2021MSDS003	Kuber Das	M.Sc. Digital Society	Society-Technology Interface
30	2021MSSB001	Aswathy S Nair	M.Sc. Sports Biochemistry	Sports Bio-Sciences
31	2021MSSN001	Amalendhu Narayanan	M. Sc. Sports Nutrition	Sports Bio-Sciences
32	2021MSSP002	Rupesh Sharma	M.Sc. Sports Physiology	Sports Bio-Sciences
33	2021MSSPSY008	Mohd. Waseem	M.Sc. Sports Psychology	Sports Psychology
34	2021MSYT007	Darshana Hazarika	M.Sc. Yoga Therapy	Yoga
35	2018IMSCH007	Ashutosh Sharma	Int. M.Sc. Chemistry	Chemistry
36	2018IMSCS017	Ritik Jangid	Int. M. Sc. Computer Science	Computer Science
37	2018IMSES006	Ambika Nandini R Menon	Int. M.Sc. Environmental Science	Environmental Science
38	2018IMSMT001	Anisha Sheshma	Int. M. Sc. Mathematics	Mathematics
39	2018IMSB010	Mayuri Kushwaha	Int. M. Sc. Microbiology	Microbiology
40	2018IMSST019	Sparsh Maheshwari	Int. M. Sc. Statistics	Statistics
41	2019BTECE002	Nishant Chauhan	B. Tech. Electronics & Communication Engineering	Electronics & Communication Engineering
42	2019BTCSE010	Jay Bhatt	B. Tech. Computer Science & Engineering	Computer Science & Engineering



**Department-wise List of Eligible Students to Get Gold Medal in the upcoming convocation (as per information available up to 30-06-2024)**



**Fig 8:** Department-wise List of Eligible Students to Get Gold Medal in 8<sup>th</sup> Convocation



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

Convocation	Ph D	M.Tech	M.Sc.	M.A.	M.BA	M.Com	M.Arch	B.Des /M.Des	M.Pharm	Int. M.Sc. (5 y)	B.Tech.	Int. M.Sc. B.Ed.	B.Sc	B.Voc	Total
I (01-09-2012)	Nil	22	74	32	30	-	-	-	-	-		-	-	-	158
II (09-07-2013)	Nil	21	123	65	26	-	09	-	-	-		-	-	-	244
III (01-10-2016)	Nil	50	529	296	103	56	22	-	46	-		-	23	-	1125
IV (13-11-2017)	13	18	158	103	34	16	10	-	17	-		-	85	32	486
V (02-11-2018)	12	08	86	67	29	18	17	-	05	94		62	89	27	514
VI (03-12-2019)	44	10	92	71	23	07	08	-	08	134		69	66	51	583
VII (16-08-2022)	116	18	346	138	50	27	28	84	39	206		75	106	50	1283
VIII (Tentative Data up to 30-06-2023)	15	16	245	107	31	22	17	08	16	54		104	104	1	740
VIII (Tentative Data up to 30-06-2024)	74	6	239	103	23	13	14	-	16	77	18	100	87	-	770
Total															5903

The details given in the table represents the data till the 7<sup>th</sup> convocation and the data for the upcoming convocation (8<sup>th</sup>) to be held. In the 8<sup>th</sup> Convocation, tentatively 89 Ph.D. Scholars and 5903 UG/PG students will be receiving their degrees as per the information available during the year under report 2023-24.



**Table No. 6: List of students (passed in 2023) to get degree under different programs (as per the information available up to 30-06-2023).**

M.A.		M.Sc.		M. Tech./Sports		Int. M.Sc.		Int. M.Sc. B.Ed.		B. Sc.	B.Tech.	Ph.D.	Total
CMS	17	Atmospheric Science	12	CSE	3	NA		NA		87	18	74	
Economics	17	Biochemistry	14	Sports Nutrition	2	Biochemistry	14						
English	16	Biotechnology	17	Sports Biochemistry	3	Biotechnology	5						
Hindi	15	Chemistry	21			Chemistry	7	Chemistry	27				
PPLG	16	Computer Science	16			Computer Science	12	NA					
MSW	19	CS (Big Data Analytics)	42	Sports Physiology	2	Economics	2	Economics	19	NA	NA		
B. Des.		EVS	14	Sports Psychology	11	Environmental Science	5	NA					
M. Arch	14	Digital Society	7			NA							
MBA	23	Mathematics	25	MTCPS	3	Mathematics	6	Mathematics	26				
Commerce	13	Microbiology	15			Microbiology	7	NA					
Education	3	Pharmacy	16			NA							
		Physics	18			Physics	6	Physics	28				
		Statistics	12			Statistics	13	NA					
		Yoga	8			NA							
Total	153	237		24		77		100	87	18	74	770	

N.A.= Not Applicable

Table 6 shows the number of students eligible to get degree under different programmes, namely MA, M. Sc., M. Tech, Integrated M.Sc., Integrated M.Sc., B.Ed., B.Sc., B.Tech., and Ph.D. Programmes. A total of 153 students are eligible for MA degree under various programmes and 237 students are eligible for M.Sc. degree from 14 different programme. Similarly, 6 students are eligible for M. Tech. degree, under two different schemes, and 77 students are eligible for Integrated M.Sc. from 10 different programmes. A total of 100 students are eligible for Integrated M.Sc. B. Ed degree. In summary this chapter given a wider picture of the academic profile of the university related to the students, admission and receipt of the degree.

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

The Accreditation, Ranking, Collaboration, and Internationalization Cell has been established to take care of the university's internal needs for NIRF and other ranking schemes, IoE, NAAC, IQAC, enrolments of international students, and collaboration with international institutions/agencies.

## Ranking

Central University of Rajasthan participated in different rankings of India.

### 1. National Institutional Ranking Framework (NIRF)

Central University of Rajasthan scale new heights. In the NIRF Ranking 2024, the university achieved a position within the 150-200 rank band in the overall university ranking and secured the 29th rank in the Department of Pharmacy. The National Institutional Ranking Framework (NIRF) was approved by the Ministry of Education and





e-released by the Honorable Minister for Education Shri Dharmendra Pradhan Ji, on 05th June 2022.

## Collaboration

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

**Table No. 7: List of MoUs with Indian Institutions/ Universities**

Year	Indian Institutions / Universities	Signed	Validity (from the date of signing MoUs)
2023	Central Electronics Engineering Research Institute (CSIR-CEERI), Pilani	July 2023-June 2024	5 years
2023	CSIR-Institute of Minerals & Materials Technology (IMMT), Bhubaneswar	July 2023-June 2024	5 years
2023	CU Jammu, CU Haryana, CU Himachal Pradesh, CU Punjab, IIT Ropar	July 2023-June 2024	5 years
2023	Indian Institute of Technology, Jodhpur	July 2023-June 2024	5 years
2023	Dr. Ambedkar Centre of Excellence (DACE)	July 2023-June 2024	3 years
2024	Science City of Andhra Pradesh (SCAP)	July 2023-June 2024	5 years
2024	Banka Bio Loo Ltd., Hyderabad	July 2023-June 2024	5 years
2024	Council of Scientific and Industrial Research (CSIR-NEERI), Nagpur	July 2023-June 2024	3years

**Table No. 8: List of MoU's with International Institutions/ Universities**

Year	International	Singed/w.e.f.	Validity (from the date of signing MoU's)
2024	Brest State Technical University, Belarus	July 2023-June 2024	5 years
2024	Drexel University, Philadelphia, PA, USA	July 2023-June 2024	3years

## Internationalization

Internationalization of education is an integral part in the National Education Policy, 2020 formulated by the Government of India. Central University of Rajasthan (CURA)) has established an Office of International Affairs (OIA) to coordinate all the matters





related to admission of foreign students and liaising with regulatory/statutory bodies for admissions. OIA is working as a coordinating agency for all students registered under collaborative arrangements with Foreign Higher Educational Institutions. The OIA is also engaged in promotional activities and brand building campaign abroad, maintaining records and disseminating information related to international collaborations and addressing the student grievances.

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

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

- (I) **Under the Cultural Exchange Fellowship Programme of Govt. of India:** - Candidates desirous of admission under this Fellowship Programme are required to apply through the Indian High Commission/ Embassy / Indian Council for Cultural Relations (ICCR) as the case may be for consideration. In case the applicant is found suitable, confirmation of their admission is sent directly to the concerned agency sponsoring their admission.
- (II) **Direct admission for Self-finance Students:** - Foreign Student, who wish to join under Self-finance category are required to submit their application along with bio-data and academic qualification on the prescribed format to the office of international affairs, Central University of Rajasthan.

## Details of international PhD scholars at Central University of Rajasthan

Ph.D. Students				
S. No.	Name of the Student	Country	Department	Admission through
1.	Mr. Mohammed Abdel Rahman Jadallah Abulebda	Palestine	Ph.D. Statistics	ICCR, General Scholarship Scheme (2018-19)
2	Mrs. Masuma Khawary	Afghanistan	Ph.D. Microbiology	ICCR, General Scholarship Scheme (2019-20)





3	Mr. Shah Wali Shaheen	Afghanistan	Ph.D. Computer Science & Engineering	ICCR, General Scholarship Scheme (2022-23)
4	Mr. Fazilhaq Akhondzada	Afghanistan	Ph.D. Computer Science & Engineering	ICCR, General Scholarship Scheme (2022-23)
<b>Academic Year 2020-21</b>				
1.	Mr. Mohammad Alim	Afghanistan	MBA	ICCR, Afghan Scholarship Scheme
2.	Mr. Emmanuel Chisamba	Malawi	MBA	ICCR, Africa Scholarship Scheme
<b>Academic Year 2021-22</b>				
1.	Mr. Kurniawan Sitorus Wahyudi	Indonesia	MA PPLG	General Scholarship Scheme - ICCR
2.	Mr. Sahirou Tafarki Mahamane Mansour	Niger	M.Sc Environmental Science	Africa Scholarship Scheme - MEA
3.	Ms. Shirtika Shivanjali Prasad	Fiji	M.Sc Environmental Science	General Scholarship Scheme - ICCR

### International Visit of Students

Name of the student	Name of the fellowship	Duration	Name of the Institute/University visited
Ms Nishtha Chaurawal (2020PHDPHARM005)	Commonwealth Split-site Scholarship	One Year (2024)	University of Bradford, UK
Ms Charu Misra (2019PHDPHARM001)	Commonwealth Split-site Scholarship	One Year (2023)	University of Bradford, UK
Azeez Abeeb Adekunle	CV Raman Fellowship for African Researchers (Doctoral Category), 2023-2024	6 months (2023)	Department of Pharmacy, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, Bandarsindri, Ajmer-305817.

### Research partnerships/ collaborations





CURAJ is actively engaged in opening the partnerships with the reputed academic institutions and industries abroad. Such partnerships shall be realized through collaborative research, industrial consultancy, joint degree programs and exchange of students/faculty/staff. Partnerships initiated by faculty based on research interests are encouraged.

## Bilateral research projects granted through government/non-government agencies

Title of the Project	Name of the Principal Investigator/ Co-Investigator	Name of the Funding agency	Type (Government/ Non-Government)	Year of Award	Funds provided (INR in lakhs)	Duration of the project
Development of electrochemical biosensor for therapeutic agents	Dr. Pankaj Gupta	CANATU (Finland)	Non-Government (Industry)	2024	~13.25 L	16 months
Exploration of aptamer Gin4T based dendrimeric carrier for the brain delivery of anticancer drug temozolomide	Dr. Umesh Gupta	DST New Delhi- Indo-Belarus	Government	2023	818080	02 years
Development of Green Syngas (CO/H <sub>2</sub> ) technology via solar dry reforming reaction at low temperature	Dr. Rajendra Charandeo Pawar	SPARC-MoE	Government	2024	48.72	2 Yrs

## International Visits/Exchange of Faculty Members

Name of the Faculty	Name of the fellowship	Duration	Name of the Institute/University visited
Prof. Sanjib Kumar Panda	Extraordinary Professor	2023	Stellenbosch University, South Africa
Prof. Sanjib Kumar Panda	Distinguished Guest Professor	2023	Hungarian, Academy of sciences, Budapest, Hungary
Dr. Bhawana Bissa	visiting Faculty	2023	Heinrich Heine University Düsseldorf

## International Visit of the Student

Name of the student	Name of the fellowship	Duration	Name of the Institute/University visited
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Varshita Srivastava	Fundação de Amparo à Pesquisa do Estado de São Paulo (FAPESP) (São Paulo Research Foundation)	2023	University of São Paulo, Brazil
Biswajit Naik	EMBO travel grant & DST-SERB travel grant	2023	EMBO workshop at Villar-sur-Ollon, Switzerland
Divya Gupta	DST	2023	Heinrich Heine University, Dusseldorf, Germany
Ms Nishtha Chaurawal	Commonwealth Split-site Scholarship	One Year (2024)	University of Bradford, UK
Ms Charu Misra	Commonwealth Split-site Scholarship	One Year (2023)	University of Bradford, UK

### Awards won by faculty members

Title of the Award	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award
Extraordinary Professor	Prof. Sanjib Kumar Panda	Stellenbosch University, South Africa	2023
Distinguished Guest Professor	Prof. Sanjib Kumar Panda	Hungarian, Academy of sciences, Budapest, Hungary	2023
visiting Professor	Prof. Sanjib Kumar Panda	Heinrich Heine University, Dusseldorf, Germany	2024
Visiting Faculty	Dr. Bhawana Bissa	Heinrich Heine University Düsseldorf	2023

### Awards won by students

Title of the Innovation	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award
Commonwealth Split-site Scholarship- Doctoral Studies	Ms Nishtha Chaurawal (2020PHDPHARM005)	UK Commonwealth Scholarship Commission	2024
Commonwealth Split-site Scholarship- Doctoral Studies	Ms Charu Misra (2019PHDPHARM001)	UK Commonwealth Scholarship Commission	2023
Ascorbic acid assisted morphological evolution of crystalline Bi <sub>2</sub> WO <sub>6</sub> for CO <sub>2</sub> photoreduction	Rajendra C. Pawar	International Conference on Energy, Aquatech and Sustainability (ICEAS 2023)	2023





## Infrastructural Facilities

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The Central University of Rajasthan is among the universities established during 2009. During this journey of almost fourteen years, the university has built an adequate infrastructure and it is still evolving.

The academic infrastructure is well-equipped with a number of classrooms, lecture halls, laboratories, reading rooms, hostels and library. Supportive infrastructure includes play grounds, gymnasiums, an auditorium, a bank, an ATM, a post office, a shopping complex etc. There are wide roads and sidewalks with green cover and street lights to encourage health-walk and relaxation.

The whole infrastructure is made keeping the motto of sustainable development at the core. Efforts are made to ensure comfortable living of the students and residents of the university. There is transportation facility for students and staff within the campus and from the nearest town of Kishangarh. The university bus regularly operates from Kishangarh to the university twice in the morning and evening. The bus also ferries students from the hostel to their academic blocks during morning, evening, and lunch break. E-rickshaws also operate within the campus to facilitate movement within the university. Auto-rickshaws run between university campus and the bus-stop at Bandarsindri highway, from early mornings to late evenings to ferry the students and staff.

### Banking Facilities

The university has collaborated with Bank of India, a nationalized bank functioning under public sector of Govt. of India. There is a fully functional bank with ATM machine on campus. The salaries of the university staff are disbursed through this bank and the branch office is instrumental in providing loan facilities to the staff of the university.

### Post Office

A fully functional post office facility is available for the service of employees, staff, students, and nearby villages.

### Shopping Complex

A shopping complex is conveniently located near the bank and the post office. The shopping complex caters towards the fulfillment of the basic necessities of the staff and students, like cooperative store, laundry services, milk parlor, bakery, stationery and photocopy services etc.

### Canteen





There are several canteens available for the staff and students to take refreshments. The canteens are conveniently located near the academic buildings for the students and staff to access easily. They provide tea, coffee, sandwiches, parathas, idli, juice, milk, and other refreshments from morning 6 AM to night 10 PM.

### Administrative and Academic Buildings

The University is enriched with a number of buildings for Academic Departments and Administrative functions. Till September 2017, all the Academic Departments were located in semi-permanent buildings, or in transit buildings and subsequently, the majority of the Departments shifted to the newly constructed four Academic Buildings. The academic buildings have independent chambers for the Deans, Heads, and Professors. There are large classrooms, seminar halls, laboratory, and enough open space to provide a perfect atmosphere of learning and active interaction. These five buildings are located in a cluster and other four academic buildings and building for housing the Central Library will be constructed within the same circularly designed cluster as per the plan.

Presently, a few Departments and Central Library are functioning out of the semi-permanent buildings. There is an Auditorium on the University campus that provides the facilities for organizing Convocation, various cultural programmes and other major events and conferences of the University. The Central Instrumentation Laboratory Building has also been constructed for research purpose activities. The School of Sports Science and Yoga building has also constructed to accommodate their department.

### Central Library

Ministry of Education has sanctioned worth of Rs. 95.53 Cr. For the construction of Central Library Building which will be constructed in forthcoming years, the proposed built up area of the library building would be 15958.74 Sq. Mtr. The CURaj library bridges the gap of knowledge that occupies a vital place to cater to the academic needs of any institute of higher education. With the availability of e-resources, books, and journals, the library started playing a more critical role in bringing global knowledge to the end-users of the University.







The Central University of Rajasthan has a resourceful and well-equipped library. It provides an array of print and electronic material for various scholarly content to its entire community, including students, research scholars, teachers, administrative staff, experts, and visitors. The library holdings consist of about 36410 books in print and 3293 in online versions; there are a total of 10,000+ online journals from National and International publishers and aggregators along with 78 print journals from National and International publishers and 593 bound volumes of print journals. Besides, the library has 4 online databases and a collection of 770 CD-ROMs. To meet the research needs of students and faculties of the University, the library subscribes to Web of Science (Abstract and citation database), Turnitin- a leading plagiarism tool, and Grammarly - an automated grammar tutor and revision tool for students to improve the quality of research publications. The facilities and services rendered by the library are: bibliographic service, literature search services, book lending, referencing, document delivery, Web OPAC, photocopy, inter-library loaning of material through DELNET, and INFLIBNET. Thus, with a seating capacity of about 150 readers, the library serves as a reservoir of knowledge accessible to the University community through intra-net and inter-net connectivity. It is also associated with INFLIBNET, DELNET, Current Science Association, Institute of Scientometrics, and other organizations to meet the users' needs.

## ICT Services

The CURaj library has now shifted to open-source software KOHA Library Management Software from commercial software LibSys7 to perform the routine and specialized works of the library. OPAC made available to users through Intranet (CURaj Campus Network) and internet users can access our library Web OPAC at <http://10.0.0.16>. The library is enabled with Wi-Fi and has a well-established cyber library with 15 networked PCs connected with LAN, which helps users access thousands of electronic resources. The library is now planning to adopt open-source software to create a digital library. Periodically, the library webpage is updated that provides information regarding rules/regulations, news/events and information about the new arrivals of print and electronic resources. Now, the library is using an RFID application for routine activities which will help the library users to issue or return the books without the intervention of the library team.

## Hostel Facilities

A hostel becomes a second home for the students while in higher education. Hostel life is about peer learning, studying, having fun and dreaming about a bigger future. Thus, a conducive, constructive learning atmosphere, with adequate facilities for play, leisure activities, and maintaining health and hygiene standards are crucial for the residential students. Adequate discipline and facilities are required in right balance to ensure their well-being. Hostel-life is part of student hood in the journey of academic growth and achievement. There are exclusively separate buildings for boys and girls hostels in the





University; three for boys and three for girls. During the Academic year 2022-2023, students took admission in various courses of Integrated, UG, PG and Ph.D. but due to COVID restrictions, regular offline classes could not start and new students were not allotted hostel accommodation. On their arrival, as per the existing situation the students will pay the required fee and hostel will be provided as the offline classes start. At present, there are 04 Girls Hostels (192 student capacity in each hostel) which can accommodate 1500 girl students and 4 Boys Hostels (256 student's capacity in each hostel) which can accommodate 1350 boys. There is a separate boys' hostel for the male Ph.D. students. 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.

### **Mess Facilities**

A Mega Mess facility is available for catering to approximately one thousand male students. At a time, 500 students can be supplied food in the Dining Hall of the mega Mess. Further, every girls' hostel has a separate mess facility and a dining hall to provide services. Messes are well furnished with an oven, equipment for cooking in the kitchen and there is adjoining cleaning space to the kitchens. Maintaining quality, standard and hygiene are always given top priority while preparing, storing and serving. The separate mess facility for Ph.D students residing in B-7 hostel is being constructed and which made to be operational in next year.

### **Washing Machine Facility**

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

### **Day Care Center for Children of Employees**

A recent addition in the year 2022 is the establishment of a Day Care Centre facility. The daycare center is a valued addition for the children of employees. The toddlers, who cannot join any school and need constant supervision by their parents, stay for the day in this facility. The employees leave their children in care of supervised staff. At present, the facility is a humble beginning where almost 30 children can be accommodated at a time.

### **Common Lounge and Reading Room**

In the lounge area of each and every hostel, LCD television facilities are provided, with seating arrangements. There is a subscription to entertainment, informative channels and news channels in this facility. Further, all the hostel rooms have LAN connection





facilities to access the Internet which is essential for studies. Further, outside the rooms, Wi-Fi networks are available as the whole campus is Wi-Fi connected for Internet access and the students have been given individual IDs and passwords to access the Internet facility. Some of the reputed national and regional newspapers like, The Economic Times, Times of India, Dainik Bhaskar, Rajasthan Patrika are made available to the students. Reading room facility is also available in each hostel building.

### University Guest House

The University Guest House is situated to the left of the administrative complex adjacent to the Vice Chancellor's Bungalow. The Guest House is primarily meant for official guests of the University /participants of Seminars / Workshops/ Symposia / Conferences / Training Programs etc., organized by the University Departments. Experts, examiners, visitors, and parents of students are also accommodated in the University Guest House with prior information. University Guest House is a well-designed spacious 3-storied magnificent structure with a capacity of 60 one-room suites, 10 two-room suites, and 2 three-room VVIP suites. Most of the rooms are well-furnished with air-conditioning, television set, refrigerator, geyser, and other basic amenities. Guest amenities provided in the rooms are dental kit, comb, soap, moisturizer, shampoo, hair oil, toilet rolls and bathroom slippers. In the Guest House, there is one air-conditioned Seminar Hall with seating capacity of 70 members. In this Hall, various residential training programmes are organized. Adjacent to the same, air-conditioned Dining Hall with 40 seating capacity is used for hosting various high- profile official lunch and dinner. On the ground floor, the Non-AC Dining Hall of 60 seating capacity is used regularly for the residents of the guesthouse. There are other two Non-AC multipurpose Halls also available; these are often used for hosting community lunch and other indoor events. 100 % power backup facility is available in the Guest House. In order to maintain the occupancy rate and ease the stress of accommodation of newly joined faculty and staff, a part of the Guest House accommodates teaching faculty and officers for limited period of time. These faculty members volunteer to help in the management of the Guest House as well as running of Cooperative Mess facility. The University has a robust policy for the Guest House and experts, examiners, visitors and parents who are accommodated in the Guest House with different level of priorities. In different national, international conferences this Guest House plays an important role to host the dignitaries. Thus, the University Guest House has become an essential part of the University life.

### Indoor Gyms and Sports Facilities

During the year 2022, sports and gymnasium facilities were improved. The cricket and football stadium has undergone tremendous improvement. In addition, a hockey ground construction was initiated along with open gym facilities. Gym facility with modern equipment is provided in both boys and girls hostels separately. As part of indoor games, the following facilities are provided in the hostels:

1. Table Tennis facility in all the hostels (Girls & Boys).





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

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

## Outdoor Sports Facilities

Apart from teaching and constant evaluation of students' performance concerning their academic achievements, CURaj also provides facilities for sports because the University believes in the holistic development of students. The students are encouraged to make use of the sports facilities after academic engagement. There are lush green football and cricket fields, volleyball grounds, tennis courts outdoors and badminton and table-tennis courts indoors. The University organises many sports events in the academic year such as; Carom, Chess, Volleyball, Kabaddi, Cricket, Badminton, Long Jump, Shot Put, Athletics, Table Tennis etc. Such events help in bringing the students community together and instill in them the significance of hard work and focus to achieve their goal. The Sports Council of the University and the School of Sports Sciences are actively engaged in promoting the sporting spirit amongst the students.



## Shopping Complex & Canteen

CURaj believes that vibrant campus life helps students in coming out of their shell. In this regard, the University has a Shopping Complex which apart from providing many





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

### **Bank, ATM and Post Office**

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

### **Staff Quarters**

Central University of Rajasthan is attempting to make the mobility of people as unruffled as possible both within and outside the campus. In this regard, the university is providing the facility of staff quarters for both teaching as well as non-teaching fraternity. Staff quarters are closely located to the academic blocks which make the movement of the university staff less strenuous. At present, the university has 120 Residential Staff Quarters such as Type-II (16), Type-III (36), Type-B (24), Type-C (12), and Type-D (32) Staff Quarters.

There is a committee for the allotment of quarters as per the eligibility criteria. There is a round-the-clock power back-up in the residential blocks. The Vice-Chancellor's residence is also within the university campus. In the residential blocks, there is a wide-open space where the faculty and staff host various community events. In such events, cultural programme, games, dinner and other entertainment activities are organized. A park for the children within the residential block is a beautiful addition that became an important feature to facilitate social and psychological wellbeing of the children on the campus. In addition, another park for children has come up near the Type-II Staff Quarters.

### **Open Gym and Fitness Centre**

The Open Gym and Fitness Centre were constructed in the year 2023 near the Boys Hostel Blocks that has various facilities to practice fitness activities. This facility is available for all students as well as employees of the university and their family members.





## Kendriya Vidyalaya

Kendriya Vidyalaya Sangathan is an important educational institution known for its contribution in the school education. KV-CURAJ, Bandarsindri is located in the campus of Central University Rajasthan. The school started on 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 the society. The school at present has 16 teachers and 1 non-teaching staff.

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

## Health Centre

The University has a well-equipped Health Centre in its premises. During the COVID-19 pandemic time isolation wards were established which are equipped with oxygen, suction machines, wheel chairs and stretchers. The Centre has also recently established a fully equipped Dental Clinic with highly advanced dental chair, dental X ray machine, dental instruments etc. The Centre has also established an advanced Physiotherapy Unit with all the equipment necessary for all kind of physiotherapy. Recently, equipment was purchased for routine hematological and biochemical tests. The centre is equipped with Oxygenator, Nebulizer, ECG, Pulse Oximeter, Resuscitation Kit (Ambubag etc.),





Sphygmomanometer, wheel chairs, stretcher, and autoclave etc. to deal during emergency.

There is one consulting room for the doctors and visiting specialists, a dressing room, a medicine store and two wards with 6 beds for indoor patients. The Centre has one Ambulance service for referring critical cases to nearby higher medical centres. It provides O.P.D. services from morning 8 a.m. to 12 noon and evening 4 to 7 p.m. and also 24 hrs emergency services, and gives injections, drips, Oxygen, Nebulization etc. to indoor patients. The Health Centre organizes medical health checkup camps for students of Kendriya Vidyalaya after every 6 months and conducts a thorough medical fitness examination.

Medical reimbursement bills based on current CGHS rate list and guidelines from Ordinance and Government of India are verified by the staff of Health Centre. The Health Centre also has online Samarth Portal for regular staff and students in which data is filed, like patient health history, medicine, facility availed and referral details etc. The Health Centre also organized health camp for vaccination. Further, the Medical Officer regularly sends update about the vaccination drive and required health advisories time to time.

## **Rajbhasha Cell**

Central University of Rajasthan has a Rajbhasha Cell for promotion of Official Language Hindi. Continuous efforts are being made for the implementation of Rajbhasha rules. Departmental Rajbhasha Implementation Committee has been constituted in the Chairmanship of Honb'le Vice-Chancellor for assessment of the use of Hindi in official works. Rajbhasha Cell provides training to officers & staff to work in Hindi by organising Hindi workshops. The University staff is also nominated for the workshops organised by Central Hindi Training Institute, New Delhi. The facility of Hindi typing has also been made available in the computers of all administrative offices and staff. Several official documents such as office orders, circulars and press releases etc. were translated and bilingual (Hindi & English) versions were issued. A Hindi fortnight event was organised. On this occasion, various competitions like Hindi essay writing competition, Hindi noting & drafting competition, Hindi translation competition, poster presentation etc. were organised for the staff and students of the university. Winners of the competitions were awarded first, second and third prizes and certificates. Thus, Central University of Rajasthan is taking several efforts for promotion of the Official Language Hindi and the use of Hindi in official works is being increased gradually.

## **Other supportive features**

The university is consistently striving to provide a safe, secure and vibrant environment for the university students and staff to engage in academic activities. The infrastructural requirements and improvements are incorporated through unique mechanisms by the university. Additional features are existence of (1) University Building Committee (2)





Committee for ICT Cell, (3) Campus Surveillance Infrastructure under the chairmanship of the Proctor, (4) Campus Amenities and Facility Management Committee and (5) Campus Plantation and Landscape Management Committee under the chairmanship of Prof. Rajesh Kumar, (6) an exquisite Digital Learning Technology Support Centre, (7) Games and Sports Committee and Health and Fitness Committee.

Rajasthan is rich in solar energy. The university has made efforts to use solar power by installing solar panels. These panels are installed on the rooftop of the hostels of the university, in the academic blocks. The university is further planning to install more of these for other buildings to reduce electricity consumption and ensure maximum utilization of solar-energy. Grid-connected roof-top solar plant is installed and currently 780 Kilowatt electricity is generated through this solar-plant.

This electricity is connected with the power grid, thus helping in reduction of the electricity bill. Further, water-harvesting systems have been designed to support sustainable infrastructure.

Plantation drive and cleanliness campaigns are 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 cover on the campus is also increasing.





## Student Support System

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One of the major aspects of the university is welfare and support system available for students. The Central University of Rajasthan has evolved a commendable mechanism for student support thereby ensuring the welfare of the students. Student support is extended by numerous methods. First of all, in every program there is a mentor allotted for each student. Furthermore, there are a number of different committees and cells initiated for this purpose and these cells function independently in coordination with various non-governmental and government bodies.

### Students' Advisor

In every department head of the departments designate a student's advisor. A student advisor is a faculty with whom the students seek advice on various issues related to their academic requirements. The advisors provide support and guidance to the students so that they can decide which courses and how many credits they may register for, for a program in a semester. The student advisor looks after individual students through counselling by taking into account the student's progress, attendance etc.

### Students' Mentorship

In all the departments, the department provide mentorship for every student to look after their academic needs and career decisions which require an expert point-of-view in the field. Few of the departments have designated each student with one faculty mentor. All the departments of the university have adopted a mentorship approach wherein, all teachers ensure that the students perform and achieve high standards in education and also in their respective careers.

### Students' Council

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

### Dean of Students' Welfare

The Dean of Students' Welfare (DSW) looks after the general welfare of the students outside the classroom which contributes to the growth and development of their personality. The function of DSW is to promote understanding among the students for fuller realization of their objects through fruitful intellectual, social, cultural, and corporate life in the university.





## Student Grievances Redressal Mechanism

The University has constituted a Students' Grievance Redressal Mechanism. At academic School level a grievance redressal committee was constituted, wherein student grievances related to academics were addressed in an open and democratic environment. Prof. Pankaj Goel is forseeing after the entire Students Grievance Redressal mechanism. Furthermore, each academic school in the university has been constituted with a separate student grievance committee which looks after the academic and administrative grievances in said schools

## Placement and Career Counselling

The university has constituted placement and career counselling cell. The cell has tie up with several industries and each year the industry experts are invited to conduct campus placements. The cell also organizes short seminars and training programs for the benefit of students.

## Anti-Ragging Committee

An Anti-Ragging Cell is functioning in the Central University of Rajasthan to combat ragging in the University Campus. Under this Cell, the university has constituted an Anti-Ragging Squad, which monitors as well as sensitizes the students to ensure ragging free environment. The Anti-Ragging Committee for the year 2023-24 had following members.

Head	Vice-Chancellor (Ex-officio)
Convener/ Nodal officer	Proctor (Ex-officio)
Vice-Chancellor nominee	Registrar
Faculty representative	Chief Warden
	Dr. Prakash Choudhary
	Dr. Gyana Ranjan Panda
	Dr. Sangeeta Yaduvanshi
	Dr. Ram Kishore
Student Representative (Senior)	Mr. Shubham Kumar
Student Representative (Junior)	Mr.Sumer Kumar Saini
Non-teaching staff representative	Mr.Pradeep Kumar Garg
	Mr.Vineet Prakash Bishnoi
Representatives of local administration	SHO, Bandarsindri Police Station





Representatives of local media	Sh. Aisharia Pradhan,(First Ind)
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### Special Cell for SC/ST

A special cell for SC/ST students has been constituted by the university, several issues related to the students belonging to scheduled castes and scheduled tribes are addressed by this special cell. The cell is functioning under the chairmanship and guidance of Dr Anand Kumar and Dr Pramod Kamle.

### OBC Students' Cell

The support required for the students of other backward classes is addressed by the OBC student's cell. While maintaining diversity of all kinds, it also ensures protection of everyone including minorities and acting as per the provisions of Constitution of India in such matters. In order to create a healthy living and working environment where all employees and students feel safe and respected. In order to ensure due compliance of the orders of reservation issued from time to time in favour of OBC and to ensure prompt disposal of the Grievances of the students. Currently the cell is headed by Dr. Kashinath G. Metri.

### Sensitization, Prevention and Redressal of Sexual Harassment (SPARSH) and University Complaints

Sensitization, Prevention and Redressed of Sexual Harassment (SPARSH) Cell, is an apexbody instituted by t h e university to impart awareness and sensitize staff and students of the university about issues related to sexual harassment. Each year, the SPARSH cell organizes an Orientation programme for the students on gender sensitization and awareness. In this programme, the fresh batch of students are invited and sensitized about sexual harassment related subjects and informed about the functioning of the SPARSH cell that operates in the university

#### Bodies of SPARSH:

SPARSH shall include the Apex Body of SPARSH (ABS) and the University Complaints Committee (UCC). The ABS aims to sensitize and work to prevent sexual harassment in the university. The UCC considers complaints regarding sexual harassment, and conducts enquiries, suggesting suitable action

#### Functions, Powers, and Duties of ABS:

- To uphold the commitment of the Central University of Rajasthan to provide campus environment free of gender-based discrimination, sexual harassment, and other acts of gender-based violence.
- To promote a social and psychological environment which will raise awareness about gender-based discrimination and prevent sexual harassment and other acts of gender-based violence?





iii. To generate awareness about gender-based discrimination, sexual harassment and other acts of gender-based violence.

Functions, Powers, and Duties of UCC:

- i. To fulfill the directives of the Supreme Court enjoining all employees to develop and implement a policy against sexual harassment at the workplace.
- ii. To evolve a permanent mechanism for prevention and redressal of gender based discrimination, sexual harassment, and other acts of gender-based violence.
- iii. To ensure that the provisions of the ordinance are implemented in letter and spirit through proper reporting and redressed of the complaints.

Following were the members of University Complaints Committee for the academic year 2023-24:

Five (at least three women) teacher representatives	Ar. Ritu. B. Rai Dr. Bhumika Sharma Dr. Garima Kaushik Dr. Asha Kumari Meena Dr. Sudhir Bhaskar
One non-teaching staff representative of the University	Mr. Manoj Kumar Indoria Ms. Shobhagyawati Gupta
Two Students representatives of which at least one be girl student	Ms. Suman, Ph.D. Scholar, Dept of Mathematics Mr. Raghvendra Hardeniyan, B.Tech, Biomedical Engineering
One person, with known contribution to women's issues, to be co-opted from outside the University, who could be an NGO representative	Ms. Manan Chaturvedi, Surman Sansthan
One Women Counsellor	Prof. Kalpana Kateja, University of Rajasthan
Member Secretary	Mr. Manoj Kumar Indoria

The chairperson shall be elected from amongst the above-mentioned members who are full time employees of the University. One Member-Secretary shall also be elected from amongst the above mentioned members who are full time employees of the University

## Mental Health and Well-Being Committee





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

A weblink with basic information about mental health and references has been added to the university website. The same information has also been shared on the university's social media accounts. The mental health team made noteworthy efforts to normalize the situation and focused on motivating the students to prioritise their academic interest and to be optimistic and active in their personal life and family engagements. The counsellors frequently encouraged the students to develop an understanding of the prevalent situation and work towards keeping active, fit and healthy as a matter of self-commitment. The students were advised to develop positive life-style habits alongside engaging with studies, assignments and going through online course material. They were encouraged to keep some time aside regularly for meditation, yoga, relaxation exercises, recreation, and practicing hobbies. In every communication, the importance of being at home and taking every possible effort to be healthy was emphasized with the message that the existing context should lead us not to worry but to be responsible. Apart from the above-mentioned student support system, the university commonly holds many events wherein, talks by experts and different support programs are carried out. In the academic year 2022 several talks by experts were delivered for giving support on stress reduction, how to take up examinations, how to keep away from drugs and addictive substances.





## EVENTS @ CURAJ

### August 2023

#### National Handloom Day

The Government of India launched 'Azadi Ka Amrit Mahotsav (AKAM)', an initiative for conducting collaborative campaigns and outreach programmes across India. The Department of Higher Education, Government of India, has taken the Initiative to accomplish the goals of "Amrit Kal" along with Jan Bhagidari/public participation. On this occasion, the School of Earth Sciences, Central University of Rajasthan, takes pride to organise the following programme with a celebration of Azadi Ka Amrit Mahotsav (AKAM) and Janjatiya Gaurav Diwas to promote awareness of Water and Lifestyle for the Environment under the Theme: *Water and LiFE*. In this series of events in the University, National Handloom Day-2023 will be organised by the School of Earth Sciences on 7th August 2023 to raise awareness of eco-friendly clothes made by local handlooms and Textiles.

#### Har Ghar Tiranga Campaign

The entire teaching and non-teaching fraternity of Central University of Rajasthan participated in #HarGharTiranga campaign. 'Har Ghar Tiranga' is a campaign under the aegis of Azadi Ka Amrit Mahotsav the "Har Ghar Tiranga" Campaign was launched in 2022 to encourage the citizens to hoist the National Flag of India in their homes. To instill the feeling of patriotism, the "Har Ghar Tiranga" Campaign is being organized in Central University of Rajasthan as well, with the same zeal and patriotism from August 13 to 15, 2023. C U Raj organized Cycle Rally on **14<sup>th</sup> August 2023** with Tiranga as part of Har Ghar Tiranga Activity. Vibrant display of patriotism as our C U Raj family pedalled through campus adorned with Tiranga on their cycles on the eve of Independence Day.



*Faculty, Staff and students at Central University of Rajasthan participated in Tiranga Rally*

#### Celebration of 77th Independence Day



On the 77th Independence Day, Vice-Chancellor Prof. Anand Bhalerao unfurled the National flag on the campus of Central University of Rajasthan. In his address, Vice Chancellor Prof. Anand Bhalerao extended numerous greetings to the university staff and presented the achievements of the university. A large gathering of faculty, officers, staff, students, and scholars participated in the event. While congratulating the university fraternity, Vice-Chancellor Prof. Anand Bhalerao spoke about the sentiments of nationalism, integrity, peace, and brotherhood. He emphasized the significance of living in an independent country that is rapidly progressing and highlighted how the tricolour is waving proudly not only in every corner of Hindustan but also in every corner of the world, symbolizing the pride and glory of Indians worldwide.



*Flag Hoisting ceremony in the university*

## Exhibition on “India’s Freedom Struggle, 1757-1947”

As a highlight of the 77<sup>th</sup> Independence celebrations, an exhibition on "India's Freedom Struggle, 1757-1947" was organized in collaboration with the Indian Council of Historical Research (ICHR), showcasing the remarkable journey of India's freedom struggle over the past 200 years. Hon'ble Vice Chancellor, Central University of Rajasthan, Prof Anand Bhalerao inaugurated the exhibition “India’s Freedom Struggle, 1757-1947” organized with ICHR at C U Raj showcasing remarkable journey of 200 years on the occasion of 77<sup>th</sup> Independence Day.



*Inauguration of the exhibition “India’s Freedom Struggle, 1757-1947”*



Students of various nearby schools witnessed the rich history of India's freedom struggle of 200 years in the exhibition "India's Freedom Struggle, 1757-1947" organized with ICHR at C U Raj.



### Visit of School Students on "India's Freedom Struggle, 1757-1947"

Students of Shri RK Patni Girl's College visited the incredible exhibition by ICHR on "India's Freedom Struggle, 1757-1947" at C U Raj. It was amazing to see the interest of students delving into pages of history.





The vibrant youth from Nalu village working in diverse fields and the Anganwadi workers of Patan Village explored the world of knowledge by seeing 200 years of India's freedom struggle in the exhibition at C U Raj by ICHR.

## Inauguration of Herbal Garden

The Splendid Herbal Garden, funded by the National Medicinal Plants Board (NMPB), Government of India, was inaugurated by the Hon'ble Vice-Chancellor of the Central University of Rajasthan, Prof. Anand Bhalerao on 21<sup>st</sup> August, 2023. The event took place in the presence of Prof. Digambar Mokate, Regional Director of RCFC, SPPU, and Dr. Swapnil Shinde, MD, Ayush Ayurveda, Pune. This initiative aims to nurture and preserve India's rich herbal heritage.



## September 2023

### Teacher's Day

The Central University of Rajasthan celebrated an incredible Teacher's Day on 5th September 2024, with Hon'ble Governor of Rajasthan, Shri Kalraj Mishra, gracing the occasion as the Chief Guest. For the first time, the university introduced the Teachers Excellence Awards. During the event, Shri Kalraj Mishra presented the prestigious





awards, including the Teachers Excellence Award, Best Teacher Award, and Best Researcher Award, honoring outstanding contributions in education and research.





## Orientation Programme

C U Raj extended a warm welcome to the new students for Academic Year 2023-24 by hosting an enlightening Orientation Programme on 12<sup>th</sup> September, 2023.



## Engineers' Day

The Central University of Rajasthan celebrated 161<sup>th</sup> birth anniversary of Sir M Visvesvaraya with pride & respect on Engineer's Day on 15<sup>th</sup> September 2023 with a truly immersive event, blending science and creativity from its students. The nation observes Engineers Day each year on 15<sup>th</sup> September. This day is celebrated to Commemorate the achievements of Sir Mokshagundam Visvesvaraya (Sir MV) on his birth anniversary. Sir MV was a civil engineer, statesman, and administrator. He was born on 15<sup>th</sup> September 1860, in a tiny village named Muddenahalli in Karnataka and grew up in a Telugu Brahmin family. He was the Diwan of Mysore from 1912 to 1919 and served as a civil engineer. After four decades of service as an engineer and contributing to different sectors such as Automobile, Construction, Architecture, etc, he founded the prestigious Government Engineering College, currently known as University Visvesvaraya College of Engineering, in 1917. Sir Visvesvaraya &'s most famous projects include the development of the Krishna Raja Sagara dam in Mysore, implementation of the irrigation system in the Deccan Plateau, the flood protection framework for Hyderabad, among others. He founded many industries like the Mysore Soap Factory, Bangalore Agricultural University, State Bank of Mysore, Mysore Iron and Steel Works, Government Engineering College, and many more. In recognition of his talent and achievements, King George V knighted him as a Knight Commander of the British Indian Empire. He is referred to as the "Father of Modern Mysore". In 1955, he was awarded India's highest civilian award - Bharat Ratna. Dr. Sandeep Sancheti, Vice Chancellor of Marwadi University, honored the occasion as the Chief Guest. The event featured an impressive display of talent at the Startup & Innovation 2.0 competition, inaugurated by Dr. Sancheti. Students from across the nation showcased their brilliance, with the best entries receiving well-deserved cash prizes.





## October 2023

### Swachhata Hi Sewa Campaign

As part of the 'Ek Tareekh Ek Ghanta Swachhata' initiative under the Shramdaan Abhiyan, the Central University of Rajasthan actively led a cleanliness drive in Bandarsindri village on 1<sup>st</sup> October 2023, showcasing strong public engagement in the mission for a garbage-free India. Ajmer MP Bhagirath Chaudhary, along with the villagers of Bandarsindri, joined the University in the 'Swachhata Hi Seva' campaign, making significant contributions to this noble cause aimed at promoting cleanliness and environmental responsibility.







## Inauguration of Buildings by Hon'ble PM

The Central University of Rajasthan marked a historic milestone on 5th October 2023, as Hon'ble Prime Minister Shri Narendra Modi inaugurated and laid the foundation stone of the university's buildings, dedicating them to the nation through a virtual ceremony. It was a momentous day for C U Raj, with students, faculty, and staff witnessing the live telecast of this significant event. PM Modi's inspiring vision for education resonated deeply with all, making the occasion truly unforgettable for the university community.







## Distinguished Talk

Prof. Anil Sahasrabudhe, Chairman of NEFT, NBA, and EC NAAC, delivered an enlightening talk at the Central University of Rajasthan on "Vision 2047 – India @100" on 12<sup>th</sup> October 2023. Reflecting on India's 75-year journey and the aspirations for 2047, his insights were deeply inspiring. Speaking at the Amrit Kaal Vimarsh event, he emphasized, "Innovation and rapid learning are ingrained in India's DNA, and in the next 25 years, India will undoubtedly become the most innovative nation." His vision for the country's future sparked motivation and optimism among the audience.





## Meri Maati Mera Desh Campaign

Embracing the spirit of unity and love for the Motherland, the Central University of Rajasthan proudly participated in the Kalash Yatra and a plantation drive as part of the 'Meri Maati Mera Desh' initiative. With enthusiasm running high, the university community came together to pledge their commitment to nurturing the land and building a greener, brighter future for generations to come.



## Birth Anniversary of Sardar Vallabhbhai Patel

A floral tribute was paid to Sardar Vallabhbhai Patel, the Iron Man of India, on his birth anniversary on October 31, 2023, at the Central University of Rajasthan. Sardar Vallabhbhai Patel, often referred to as the "Iron Man of India," was a prominent leader in India's struggle for independence and later played a crucial role in unifying the country. Born on October 31, 1875, in Nadiad, Gujarat, Patel was a close associate of Mahatma Gandhi and a key figure in the Indian National Congress. As India's first Deputy Prime Minister and Minister of Home Affairs, Patel's most significant contribution came after independence in 1947 when he led the efforts to integrate over 560 princely states into the newly formed Indian Union. His diplomatic skills, combined with a firm stance, ensured that India became a cohesive and united nation. This monumental task earned him the title of "Bismarck of India." Patel's legacy as a nation-builder is celebrated annually on his birth anniversary, which is observed as "National Unity Day" (Rashtriya Ekta Diwas) across India. His towering 182-meter statue, the "Statue of Unity," stands in Gujarat as a symbol of his contributions to the nation. His vision of a strong, unified, and







independent India continues to inspire generations. As the leader who united the nation, his unwavering dedication continues to inspire generations. The university upholds the tradition of honouring this great revolutionary, keeping his legacy alive for years to come.

## Fit India Week 2023

Energy soared as participants pedalled towards a healthier tomorrow during the Fit India Week, which kicked off on 12th December 2023 with an exhilarating cycle rally. The enthusiasm for fitness was palpable, as students, faculty, and staff embraced the spirit of staying active and healthy, making the event a resounding success.



## Viksit Bharat@2047 Campaign (12<sup>th</sup> to 26<sup>th</sup> December 2023)

C U Raj demonstrated active participation in the Viksit Bharat@2047: Voice of Youth campaign. Engaging the youth and fostering a vision for a developed India by 2047 through various events, like Panel Discussion, Essay Writing, PPT presentations, Slogan Contest, Lecture, Quiz, Debate, Video Contest, Poster presentation, Dialogue, Selfie with poster contest, Drawing, Group Discussions etc. was very inspiring.







## Activities for Viksit Bharat@2047-Women Cell

The Women Cell at the Central University of Rajasthan conducted a panel discussion on 'Nari Shakti se Viksit Bharat @2047' on December 13, 2023. The distinguished guests for the program were Dr. Bhumika Sharma, Associate Professor and Head of the Department of English; Dr. Dhanapati Shougrakpam, Assistant Professor and Coordinator of the Department of Linguistics; and Ms. Anuradha Mital, Public Relations Officer at the Central University of Rajasthan. This programme was coordinated by Women Cell member Dr. Nithya Prem SR, along with other members of the women cell. Women Cell organised a documentary screening on Women Scientists of India as a part of 'Ideas for the Vision Viksit Bharat @2047' on 14-12-2023. The objective of the programme was to motivate our young generation to work intelligently and contribute their ideas for accomplishing our vision of Viksit Bharat @2047. This programme was coordinated by Women Cell member Dr Seema Gopinath along with other members of the women cell.

Women cell organised poster presentation on the theme "Vikas ke Kadam Nari Ke Sang" on 15th December, 2023 at 3:00 p.m as a part of Ideas for the vision Viksit Bharat @2047. This programme was coordinated by Women Cell member Dr Rina Godara along with other members of the women cell. The speakers were Dr Falguni Pathak, Director IQAC, Nodal Officer, Professor & Head, Dept Applied Sci & Humanities, Parul University, Vadodara, Gujarat, India, Dr Jyotsna Amin, Asst. Director, Teachers Training Colleges, Vidyamandir Trust, Palanpur, Dr Tulna Sharma, Principal, Dr.H R Gajwani College of Education, Mandvi, Gujarat

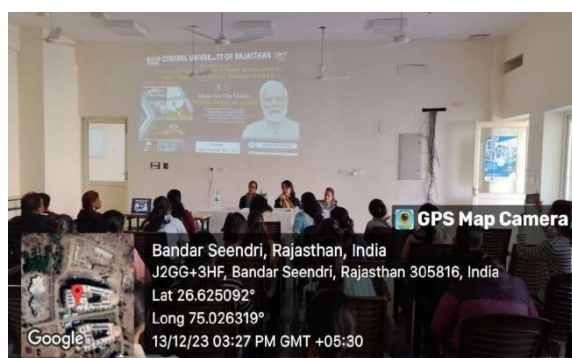
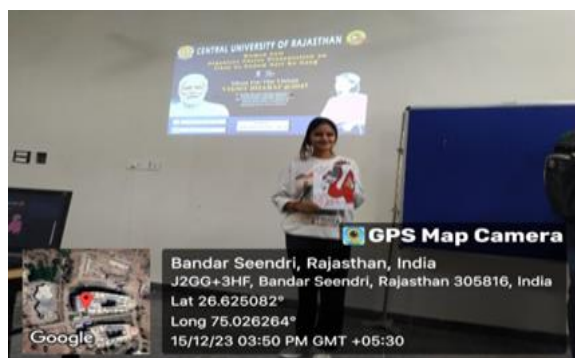
Women cell organised a talk on the topic "Women in Leadership: Sharing Experiences" on 18th December, 2023 at 3:00 p.m as a part of Ideas for the vision Viksit Bharat @2047. This programme was in hybrid mode and coordinated by Women Cell member Dr Rina Godara along with other members of the women cell.

In the series of events organized under Viksit Bharat@2047 by the Women's Cell at the Central University of Rajasthan, an expert talk is scheduled on the theme "Women in Domestic Roles: Leaders in Their Own Domain" on 21st December 2023 at 3:00 p.m. The





speakers for the day are Dr. Farrah Gul Khan, Dr. Aparna Satapathy, and Mrs. Teena Saraswat. Dr. Farrah Gul Khan holds a PhD in Microbiology from AIIMS, New Delhi, with expertise in Medical Microbiology, Molecular Biology, and Recombinant DNA technology. The program was coordinated by Dr. Wairokpam Premi Devi, Assistant Professor, Department of Society Technology Interface, Central University of Rajasthan.



## Shaheed Udham Singh Jayanti

On 26th December 2023, homage was paid to the symbol of immense valour the great freedom fighter martyr Udham Singh Ji. The Vice-Chancellor said that the tradition of commemorating the great revolutionaries by offering flowers and regards will always be preserved in the university



## National Youth Day & Swami Vivekananda Jayanti (12-14 January 2024)

A spectacular beginning of #Srijan 2024 on National Youth Day & Swami Vivekananda Jayanti with magnificent Yuva Sankalp Yatra and Inauguration of Book Exhibition! Grateful to have Hon'ble Dr. Manju Bagmar ji, Minister of State of Public Works, Women & Child Development Department, Government of Rajasthan as Chief Guest.



“The role of youth is important in nation building because the people of the country are young and the mind is also young, so the youth of the country should think about how they will contribute to the progress of the country,” said Dr. Manju Baghmar, the chief guest of the sports and cultural festival Srijan 2024.



### Yuva Sankalp Rally as part of Srijan 2024

A Yuva Sankalp Rally in the form of cultural and sports procession was organized to inaugurate the Annual Sports & Cultural Meet- Srijan 2023- 24. This procession had the gathering of students, staff, villagers, students of Kendriya Vidyalaya, residents, local vendors and local workers etc.



### Inauguration of book exhibition and exhibition on the journey of Swami Vivekananda's Life







Students of various schools and colleges were thrilled and inspired by the enlightening exhibition on Swami Vivekananda. His inspirational stories continue to guide and motivate our young minds. explored the exhibition on profound life of Swami Vivekananda & enlightening book exhibition. A journey of inspiration for the students as they got fascinated seeing the exhibition!



## 75<sup>th</sup> Republic Day

Central University of Rajasthan celebrated the 75th Republic Day of India with great enthusiasm and patriotic fervour. The function was attended by a huge gathering of teaching faculty, officers, staff and students of the University. Vice Chancellor, Central University of Rajasthan, Prof. (Dr) Anand Bhalerao unfurled the National flag in the University premises and took the salute of the parade.



## Shaheed Diwas

It is our duty to remember those who sacrificed for the country. We can bring change in our lives by taking inspiration from Gandhiji's thoughts. We should try to gain new energy by remembering his qualities. Salute to the Father of the Nation and freedom fighters on Martyr's Day on 30<sup>th</sup> January 2024.





### Shivaji Maharaj Jayanti

Vibrant Yuva Shaurya Rally organized on Shivaji Maharaj Jayanti on 20<sup>th</sup> February 2024. The energy & enthusiasm was at its peak as we paid homage to Shivaji Maharaj's legacy & embraced the spirit of leadership. Truly empowering experience!



### Tribute to Veer Savarkar ji

Recalling Veer Savarkar ji's remarkable contribution to India's freedom struggle and nation building, we respectfully remembered him by paying tribute on his death anniversary on 27<sup>th</sup> February 2024. His courage and wisdom will continue to inspire generations.







## March 2024

### National Science Day

Enthusiasm soared high at the National Science Day celebration on the Theme- "Indigenous Technologies for Viksit Bharat" during 28<sup>th</sup> February to 1<sup>st</sup> March 2024. Minister of State for Forest, Sc. & Tech. Dept., Govt of Raj. Sh Sanjay Sharma ji graced the occasion as the Chief Guest. Inaugural ceremony also marked the beginning of a National Conference on Medicinal Plants titled "Recent Advances in Medicinal Plants Research with Special Emphasis on Ashwagandha." Also, on the occasion of National Science Day, many unique Activities including "Science Exhibition" and "Model Making Competition and Exhibition" were organized.



### 16<sup>th</sup> Foundation Day

Central University of Rajasthan celebrated its 16<sup>th</sup> Foundation Day on 3<sup>rd</sup> March 2024. Honoured by the gracious presence of our Chief Guest Dr Sunil Kumar Barnwal ji and our other esteemed guests. Felicitated the Padma Awardees -Shri Laxman Singh Ji-Padma Shri 2023(Curaj honoured with Lifetime Achievement Award), Ali-Gani Mohammad Brothers-Padma shri 2024 (Ghazal and Mand Singing) and Ms Maya Tandon- Padma Shri 2024





## International Women's Day

International Women's Day Celebration was celebrated in Central University on 08-03-2024 at 4A5 building auditorium. Dr. Anand Bhalerao, Honorable Vice Chancellor presided over the function. Chief guest was Dr. Bharati Dixit IAS, magistrate and District Collector, Ajmer. Dr. Bharti Dixit said that Women are capable of doing everything and that too better than men, so give your best in whatever you do. Presiding over the program, Vice Chancellor of Central University of Rajasthan, Prof. Anand Bhalerao, while wishing everyone on International Women's Day, said that today is not only Women's Day, every day is Women's Day, every day is Shakti Parva because women are the centre point of everything. Prof. Bhalerao also emphasized that it is not only necessary to be empowered to realize the power, the power of mind can also bring change and today I congratulate all those women who struggled and achieved a position.





For the first time in the history of Central University of Rajasthan, a series of awards have been launched on International Women's Day which includes Scientist Award, Social Impact Award and Entrepreneur Award which were presented by the Chief Guest. All the winners were felicitated with shawl, memento, citation, Bhagwat Geeta and a cash prize of Rs 25,000.

The Scientist Award was given to Dr. Sneh Lata Singla-Pareek, Group Leader of the Plant Stress Biology Group at the International Center of Genetic Engineering and Biotechnology, New Delhi, for her outstanding contributions to plant stress biology and agricultural biotechnology. The Entrepreneur Award was given to Ms. Meghna Rathod, Founder and CEO of Nariksha Pads Pvt. Ltd. Her company pioneered the use of straw waste derived from rice husk to produce biodegradable sanitary pads that are eco-friendly and energy-conserving. The Social Impact Award was given to Ms. Bhagyashree Saini, a women and child rights activist and founder of Rajasthan Unsung Stars Campaign. Entrepreneur Ms Shilpa Sharma who leads Arogya Lakshmi Clinic and is working on a ground-breaking Ayurvedic vaccination method for children was also honoured.

On this occasion, Shri Shyam Mandir Committee, Khatushyamji provided scholarship to 11 girl students from different schools who are from economically deprived sections, so that they can complete their studies. The target is to give this scholarship to a minimum of 300 girls.

Welcome speech was given by Dr. Pragati Jain, Chairperson of Women Cell, Vote of thanks was given by Dr. Seema Gopinath, Member Secretary of Women Cell, anchoring was by Dr Rina Godara. Dr. Nitya Prem and Dr. Premi Devi, Dr. T. Sangeetha, also contributed in the successful organization of the program.

The series of events also featured an engaging panel discussion on "How do you empower yourself and the women around you" in which speakers shared their insights and experiences to inspire and empower the university community. Besides, logo making, poetry and extempore competitions were also organised.





Women Cell, Central University of Rajasthan has organized various events for students in the evening on International Women's Day 8th March. These activities were Coordinated by Women Cell along with the student Prabhnoor Kaur under the guidance of Dr Rina Godara & Dr Seema Gopinath. The activities were: poetry recitation, Extempore, Panel Discussion and Logo making competition. Students also took selfies. Panel discussion on "How do you empower yourself and the women around you" in which speakers shared their insights and experiences to inspire and empower the university community.

PANELISTS: Hia, Shifa and Stithi Pragyan

Besides, logo making, poetry and extempore competitions were also organised.



## Rajasthan Diwas

Rajasthan Diwas on 30<sup>th</sup> March 2024 was celebrated with immense fervour & pride at C U Raj. From vibrant cultural performances to insightful discussions, it was a day filled with joy, honoring the rich heritage of Rajasthan. The event was graced as Chief Guest by Prof. L N Harsh, Former Vice Chancellor of Agricultural University Jodhpur. In recognition of academic excellence, 130 meritorious students who excelled in national-level examinations like NET and Gate were also awarded certificates of excellence.







## Ambedkar Jayanti

To honour the legacy of Dr. Ambedkar and uphold his vision of a just and equitable society Central University of Rajasthan celebrated the Ambedkar Jayanti on 14<sup>th</sup> April, 2024. This occasion holds great significance as we commemorate the life and contributions of Dr. B.R. Ambedkar, an architect of the Indian Constitution and a champion of social justice and equality. His life is best example of determination which showcases how education can change the fortune of anyone. The function was presided by Hon'ble Prof. Anand Bhalerao, Vice-Chancellor and in the presence of Chief guest Shrihaiya Lal Berwal, Chancellor Dr. Harisingh Gour Vishwavidyalaya Sagar.



## Mass Surya Namaskar Program

*Surya Namaskar for Students: A toll for health promotion - Count down: 50 days to International Day of Yoga*

In anticipation of the 10th International Day of Yoga, the Department of Yoga at the Central University of Rajasthan organized a mass Surya Namaskar event for students on Thursday, May 2, 2024, from 6:30 am to 7:30 am. The event witnessed enthusiastic participation from over 400 students across various departments, who united to perform Surya Namaskar—a series of 12 yoga postures synchronized with breathwork, oriented towards the sun. This collective endeavor not only celebrated the essence of Yoga but also promoted physical well-being and spiritual mindfulness within the student community.

The program commenced with Vedic mantras. Prof. Sanjib Patra, Head of the Department of Yoga, provided an insightful overview of the Surya Namaskar sequence and highlighted its significance. Dr. Kashinath Metri led the participants through 12 rounds of Surya Namaskar, accompanied by Bija mantras. Prof. Raghavendra Bhat offered a vote of thanks, while Dr. Mahendra Sharma served as the anchor for the program. The Department of Yoga expressed its heartfelt gratitude to the Honourable



Vice Chancellor, Professor Anand Bhalerao ji, and other university officials for their steadfast support in organizing the event. Mr. Pradeep Agarwal, the finance officer, took part in the program and shared his inspiring experience, encouraging students to disseminate the message of yoga.



## Maharana Pratap Jayanti

On the birth anniversary of the great freedom fighter Maharana Pratap, who was known for his valour, sacrifice and bravery, floral tributes were paid to him and his valour was remembered on 9<sup>th</sup> May 2024. This tradition of remembering and honouring the brave will continue in the university.



## World Environment Day

The World Environment Day was celebrated on June 5, 2024, with a aim to raise awareness about the importance of restoring and protecting our land, combating desertification and building resilience against droughts and climate change. The theme







for World Environment Day 2024 was “Land restoration, desertification and drought resilience”. University celebrated this Day by planting trees at Herbal Garden of the campus to make a positive impact on our environment and create a greener world together.



## International Day of Yoga, June 21, 2024

*Common Yoga Protocol Practice: 7 am – 8:30 am*

Central University of Rajasthan (CURAJ) celebrated the 10th International Yoga Day with a great zeal. The main event started with the practice of common yoga protocol in the morning 7am – 8:30 am in front of administrative block. The event witnessed enthusiastic participation from over 350 people including senior officers, teaching and non-teaching staff, students and family members of university staff.

The event commenced at 7 am with a recitation of shanti mantra by students of Yoga followed by Welcome address by Prof. Raghavendra Bhat, Head, Department of Yoga. Further common yoga protocol practiced by all the university inmates. The common Yoga protocol was demonstrated by Mr Ravi and Ms Megha. Instructions were given by Ms Darshana Hazarika. Following the yoga practice, Hon’ble vice chancellor addressed the gathering.

On the occasion of 10th International Day of Yoga, Prof Anand Bhalerao, Hon’ble Vice Chancellor, addressed all the faculties, students, and all campus inmates. He highlighted the significance of IDY. The International Day of Yoga, celebrated on June 21st, promotes global health, harmony, and peace by highlighting the physical, mental, and spiritual benefits of Yoga. This day unites people from diverse cultures and backgrounds in the practice of yoga, fostering a sense of global well-being. He also mentioned, Yoga is more than just a form of exercise; it is a holistic lifestyle that fosters mental stability and inner peace. It teaches harmony, unity, and compassion, emphasizing the importance of breath and meditation in achieving inner tranquillity and flexibility. By encouraging self-awareness and living in the present moment, yoga contributes significantly to both personal and global peace. Global research on Yoga is expanding rapidly, highlighting its benefits for mental and physical health. Studies are increasingly focusing on Yoga’s role in stress reduction, flexibility, management of psychosomatic disease, and overall well-being.











## Extension Activities

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### Community Development Cell

The Community Development Cell (CDC) of CURAJ was established in August, 2015 as a response to the Third Vice Chancellor's conference held in Rashtrapati Bhawan, New Delhi on 4<sup>th</sup> Feb, 2015 following the directions of the Ministry of HRD. The basic goal of CDC is to promote and transform the university vision "Sustainable Development through Excellence in Education, Innovation, and Performative Societal Change." and to create a positive environment in the villages. The university has adopted six villages, namely, Bandarsindri, Kheda Karam Sutan, Nohariya, Mundoti, Choondari, and Nallu.

In session 2023-24, the Community Development Cell has performed many activities in consultation with various departments of the University. The details are as follows:

#### **Activity: I. Invited Government Schools of adopted villages for observing Historical Exhibition on India's Freedom Struggle (1757-1947)**

The university organized a week-long historical exhibition titled "*The Freedom Struggle: 1757-1947*" at the administrative building of the Central University of Rajasthan. The community development cell facilitated the students of the School from six adopted villages namely, Bandarsindri, Kheda Karam Sutan, Nohariya, Mundoti, Choondari, and Nallu to observe the same to expedite their learnings.

#### **Activity: II. Science Quiz Program at Government Higher Secondary Schools**

The Community Development Cell (CDC) organized "Science Quiz" between December 2023 to February 2024 for Class 8<sup>th</sup> students of Government Higher Secondary Schools in six adopted villages. The program intended to foster in students a spirit of competition and scientific understanding. Under this activity, three winners were selected from each school, and they were facilitated with certificates and gifts, recognizing their academic achievements and encouraging further excellence in science.

#### **Activity: III. Talk and Group Discussion on Scientific Knowledge and Temper**

The Community Development Cell (CDC) of Central University of Rajasthan conducted series of Talks and Group Discussions on Scientific Knowledge and Temper between February to May 2024 for students of classes 6<sup>th</sup> to 12<sup>th</sup> at government schools in adopted villages. Esteemed faculty from various departments and globally renowned scientists of university led the sessions. The program covered a broad spectrum of topics including scientific knowledge, critical thinking, identifying career pathways, fellowship opportunities, career in various scientific and new emerging disciplines, aiming to inspire students to explore and pursue their interests in science in the future.





#### **Activity: IV. Demonstration sessions on “Use of Scientific instruments and methods”**

The CDC has organized a one-day demonstration program on “Use of Scientific instruments and methods” at the higher secondary school of Mundoti Village. With tremendous excitement, the students engaged in the said activity and expressed their eagerness to learn about and apply scientific principles. The session provides hands-on demonstrations of various scientific tools and techniques e.g. working of a windmill, use of an ammeter, and the process of burning paper using a concave lens. Through this hands-on approach, students were able to comprehend scientific ideas and their practical applications.

#### **Activity: V. Organized rally to sensitize voters about importance of vote**

The CDC along with Department of Social Work organized a voting awareness rally in April, 2024 across six adopted villages, engaging a diverse group of community members, including youth, women, and the elderly. The rally's main goals were to increase voter awareness, encourage literacy about election procedures, and educate the rural community on the value of voting. This initiative aimed to empower citizens by underscoring the importance of their votes in shaping the future and fostering informed and active participation in the democratic process.

#### **Activity VI. Vidya initiative for rural women**

The CDC along with Department of Social Work has initiated in March 2024 Vidya Program aims to literate the rural women in Choondari village. The objective is to provide basic reading and writing skills to illiterate women so that they can perform their task by their own without any dependence on others. In its initial phase, four women from the village have successfully gained literacy, marking a significant step towards self-reliance. The initiative is still in place, and efforts are still being made to reach additional women and improve their capacity to go about their everyday lives being independent of others.

#### **Glimpses of the event...**





## Demonstration sessions on “Use of Scientific instruments and methods Demonstration sessions on “Use of Scientific instruments and methods

### Demonstration sessions on Use of Scientific instruments and methods

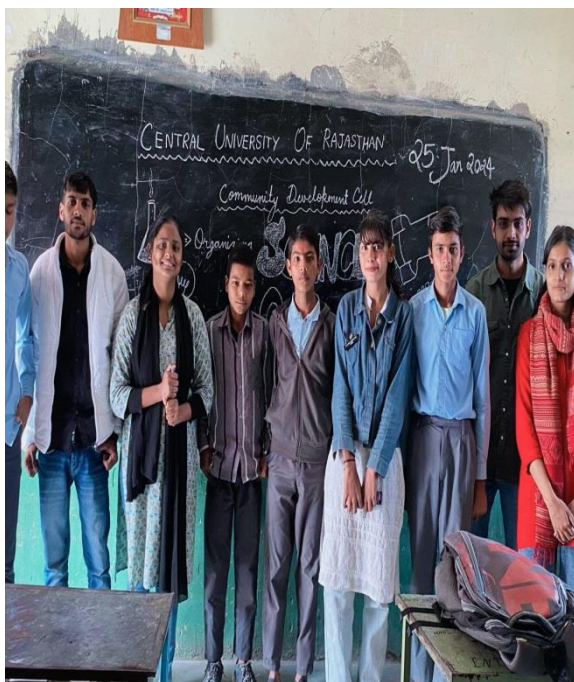


### Rally on Voting Awareness



### Talk and Group Discussion on Scientific Knowledge and Temper





Organizing Science Quiz in villages



Felicitating Exhibition visit and interaction with faculties





*Vidya initiative for rural women*

## Unnat Bharat Abhiyaan Central University of Rajasthan

The goal of the Unnat Bharat Abhiyan is to enable universities to work with rural Indian communities to identify development issues and come up with workable solutions that will hasten sustained growth. Instead of going on a lot of field visits, the UBA team focused on carrying out more practical work in the areas of livelihood, education, sanitation, and community development programs. The Central University of Rajasthan and the district government worked together to adopt the following Gram Panchayats under the UBA. Under this scheme, Pedibatta, Mundoti, Nahoria, Kheda Karam Sutan, and Bandarsindri are the five adopted gram panchayats.

Through devoted work in a variety of areas, the UBA cell has the potential to improve the lives of individuals and the communities it serves. One of the primary goals was to hold Gramasabha in all adopted villages on Republic Day, January 26, 2024. Community members collaborated and devised a plan of activities to be carried out in the villages to promote their growth. This has empowered women and adults who actively participated in numerous Gramasabhas and made a commitment to, establishing a sense of ownership and contributing to overall growth. One other noteworthy event that took place in the region was the planning of a community-university interaction on the 12th of January, 2024, which was Swami Vivekananda's birth anniversary. At the meeting, each village's welfare plan was proclaimed, along with the university's support for the village's community development initiatives. In one of the adopted communities, a needs assessment activity was carried out to comprehend the women's needs for a means of subsistence. UBA volunteers conducted house visits and collected data on the various demographics of the family members, particularly the women, to determine their employment patterns and future and present requirements.



Numerous other engagements were conducted during this reporting project in addition to these activities. These included reviewing the established community library and its use within the community, meeting with adolescent girls and women to understand their health needs and concerns, sensitizing elderly residents of the villages to various government programs, and assisting them in utilizing local self-government institutions.

**Figure (01) Community- University Interaction**



**Figure (02) Organising Gramasabha in Nalu Gram Panchayat**





**Figure (03) Livelihood Need Assessment among Rural Women**



**Figure (04): Meeting with Women group in Bandersindri village**







## Distinguished Lectures

### **I. Distinguished Lecture on “Biodiversity in India” by Prof. E. Bharucha, Director, Institute of Environment Education & Research, Pune on 5<sup>th</sup> February, 2024**

Central University of Rajasthan (CURaj) organized a distinguished lecture series talk titled “Biodiversity in India” under the vision and leadership of the Hon'ble Vice Chancellor, Prof. Anand Bhalerao on 05.02.2024. The speaker for this distinguished lecture was former Director, Institute of Environment Education & Research, whose enlightening discourse left an indelible mark on the audience. Prof. Bharucha's lecture was nothing short of a journey through the diverse landscapes of India's ecosystems. The spotlight initially shone on the importance of ecosystem corridors, emphasizing their role in facilitating the movements of elephants and other wildlife. A call to preserve these corridors echoed through the hall, as Prof. Bharucha stressed their significance in preventing human-wildlife conflicts and maintaining ecological equilibrium. Prof. Bharucha artfully weaved a narrative that underscored the delicate relationship between local cultures and effective biodiversity management. The disappearance of grassland apex predators, exemplified by the plight of the wolf due to habitat changes, opened a window into the impact on both wildlife species and the historical tapestry of human cultures in biodiversity conservation. Tribal landscapes were unveiled as exemplary models of sophisticated agricultural systems, where communities ingeniously managed resources for sustenance. The discussion gracefully transitioned to the significance of sacred groves around temple sites, portraying them as repositories of indigenous wisdom. Prof. Bharucha shed light on the role of spiritual beliefs, such as water divination ceremonies, in guiding decisions related to agriculture and land use. The event ended with an interactive Q&A session which added layers of depth to the discourse, covering topic ranging from the Green Wall project to genetic engineering and the disappearance of specific bird species. Prof. Bharucha's responses resonated with the audience, emphasizing the paramount importance of scientific rigor in addressing environmental challenges and the dynamic nature of ecosystems.

### **II. Distinguished lecture titled ‘The Art and Adventure of Wildlife Filmmaking’ by Shri Kiran Ghadge, renowned wildlife filmmaker on 10<sup>th</sup> May, 2024**

Shri Kiran Ghadge a renowned wildlife filmmaker. With a rich portfolio spanning numerous wildlife and nature documentaries both within India and internationally, he has garnered acclaim for his unparalleled storytelling prowess. His exhilarating lecture started with a photo of a male and female tiger as the speaker involved the audience in an identification dilemma to spot the male tiger. The interest built up further with the narration of the story of how this tiger, having accidentally killed a transgressing human in its territory, ended up in a zoo from the freedom of wilderness. The sad story evoked a powerful image demonstrating the talent of Shri Kiran Ghadge in wildlife story telling. This powerful story was followed by image of a cuckoo baby being fed by a sunbird in



its nest, clearly demonstrated by the size difference between the baby and mother cuckoo. Mr Ghadge discussed the difference between commercial and conservation styles of wildlife film making. The thrill of wildlife photography is accompanied by several challenges including long waits before the chance presents itself and ability of working at remote locations on tight budgets, honing field skills like trekking and swimming, unpredictable situations like landslides, risks of animal attacks using example of a sloth bear with 2 cubs, uncontrolled subjects like a sleeping tiger, equipment fails and very small returns on investments specially for beginners. Despite challenges, he portrayed the satisfaction outweighing the other stuff overwhelmingly in this profession. He discussed different traits of animals and birds from his own observations like mobbing, display for mating, faecal sacs, belly tricks, broken wing displays and mimicry. He said that wildlife is still a niche field with lot of opportunities for newcomers. Wildlife rich environments benefit both physical and mental health and hence is therefore of interest to humans. The speaker explained how observing nature can provide us with valuable insights, inspiration and wisdom to understand ourselves. The talk ended with an invigorating Q/A session followed by formal “vote of thank” by chairman of Distinguished Lecture Series at Central University of Rajasthan.



## Innovation & Startup activities

### I. Distinguished lecture on Orientation Program for Innovation & Startup activities, 15 February 2024

The Innovation and Startup Cell (ISC) at CURAJ organized a Distinguished Lecture on the "Orientation Program for Innovation & Startup Activities" on February 15, 2024.





The invited speaker for the event was Mr. Nirpen Bhatt, an esteemed entrepreneur and the Head of South East Asia Rafts & Rivers LLC, based in Texas, USA. Mr. Bhatt boasts a significant entrepreneurial background, having founded more than eight startup companies and mentored over 400 entrepreneurs in their startup endeavours. Dr. Akhil Agrawal, the Incharge and Convener of ISC-IIC at CURAJ, extended a warm welcome to Mr. Nirpen Bhatt.

Dr. Agrawal gave a brief introduction of the vision and activities of ISC-IIC at CURAJ, setting the stage for the enlightening session. Additionally, Dr. Agrawal introduced Mr. Bhatt, highlighting his remarkable achievements and extensive experience in the entrepreneurial and startup landscape. The session covered several key aspects relevant to innovation and startups, providing valuable insights for aspiring entrepreneurs.

The session commenced with an introduction to the Innovation and Startup Cell, outlining its objectives and initiatives aimed at fostering an entrepreneurial ecosystem within CURAJ. Mr. Bhatt delved into the myths and realities surrounding startups, offering clarity on common misconceptions and providing attendees with a realistic perspective on the entrepreneurial journey. Drawing from his vast experience, Mr. Bhatt provided guidance on initiating a startup, emphasizing essential steps, challenges, and strategies for success in the competitive startup landscape.

A highlight of the session was the introduction of the 'CRUX' app, a tool designed to evaluate startup ideas effectively. Mr. Bhatt elucidated on the features and benefits of the app, empowering participants with a practical tool for assessing the viability of their startup concepts. The Distinguished Lecture on the "Orientation Program for Innovation & Startup Activities" proved to be an enriching and insightful event, facilitated by the expertise and experience of Mr. Nirpen Bhatt. Participants gained valuable knowledge and guidance essential for navigating the intricacies of the startup ecosystem. The event underscored ISC's commitment to nurturing entrepreneurship and innovation among the students and faculty of CURAJ.

The vote of thanks was delivered by Dr. Akhil Agrawal, Incharge ISC. The event was anchored by Ms. Sugandha Mahajan, a research scholar in Microbiology department at CURAJ and the distinguished lecture was attended by many participants offline. Annexure- Photos (pls attach)



## **II. Workshop on CRUX 2.0: A mobile application for facilitation of Startup Ideas, 1<sup>st</sup> March 2024**

The Innovation and Startup Cell (ISC) at CURAJ organized Workshop on CRUX 2.0: A



mobile application for facilitation of Startup Ideas on March 1<sup>st</sup>, 2024. The invited speaker for the event was Mr. Nirpen Bhatt, an esteemed entrepreneur and the Head of South East Asia Rafts & Rivers LLC, based in Texas, USA.

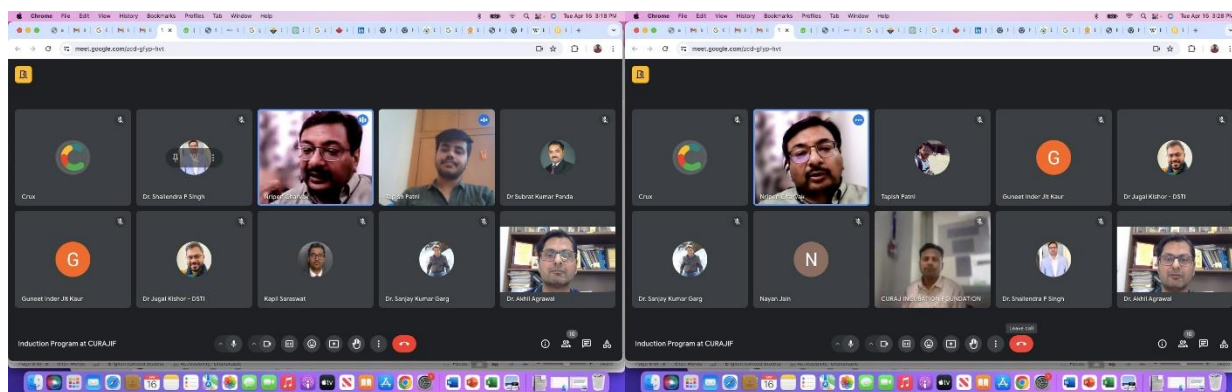
Dr. Shailesh Patidar, member of ISC-IIC at CURAJ, extended a warm welcome to Mr. Nirpen Bhatt. The event aimed to introduce CRUX 2.0, a mobile application designed to assist entrepreneurs in transforming their ideas into viable business ventures.

CRUX 2.0 is not just a mobile application; it serves as a comprehensive guide for individuals seeking to develop their startup concepts. The workshop provided attendees with insights into utilizing CRUX to generate and refine their business ideas effectively. Additionally, it highlighted the importance of various benchmarks and parameters crucial for preparing a robust business proposal.

Attendees were encouraged to download the CRUX application from the Play Store or access it via the provided link on their Android devices. Through interactive sessions and practical demonstrations, participants gained valuable knowledge on leveraging CRUX for entrepreneurial success.

The workshop fostered an environment conducive to learning and networking, enabling participants to exchange ideas and experiences. Overall, it was a fruitful event that empowered aspiring entrepreneurs with the tools and resources needed to navigate the startup landscape successfully.

The vote of thanks was delivered by Dr. Guneet Inderjeet Kaur, Member ISC. The event was anchored by Abhishek Tyagi, a research scholar in Microbiology department at CURAJ and the distinguished lecture was attended by many participants offline. Annexure- Photos, Flyer, and Attendance Sheet (pls attach)



### III. Distinguished invited lecture by Padma Shri Prof. Anil Gupta on Innovation is Imperative for an Inclusive Society:

#### Lessons from Honey Bee Network, 1<sup>st</sup> Aug 2023

The Honey Bee Network, founded by Professor Anil K. Gupta in India, has been a powerful force for grassroots innovation and inclusivity. It emphasizes the importance of recognizing and harnessing the knowledge and creativity of individuals at the





grassroots level, especially in rural and marginalized communities. Here are some key lessons we can learn from the Honey Bee Network about the imperative of innovation for building an inclusive society:

The Honey Bee Network places a strong emphasis on recognizing and valuing the innovative solutions that often emerge from local communities. This helps in acknowledging that innovation is not limited to urban centres or formal research institutions. It understands that innovation is not a one-size-fits-all concept. Different cultures and communities have their unique knowledge systems, which, if tapped into, can lead to ingenious solutions. This encourages respect for cultural diversity and local wisdom. The network works towards empowering grassroots innovators by providing them with the necessary support, mentorship, and platforms to showcase their innovations. This empowers individuals who may not have had access to formal education or resources.

**Inclusive Approach to Innovation:** It promotes a bottom-up approach to innovation, where ideas and solutions emerge from the community itself. This stands in contrast to a top-down approach where solutions are imposed from external sources. This inclusivity ensures that the solutions are contextually relevant and address actual needs.

**Linking Traditional and Modern Knowledge:** The Honey Bee Network bridges the gap between traditional, indigenous knowledge and modern scientific knowledge. This fusion can lead to the development of innovative solutions that draw on the strengths of both systems.

**Addressing Local Challenges:** The network focuses on solving local problems, which often have a direct impact on the daily lives of people in these communities. This approach ensures that the innovations are relevant and have a meaningful impact.

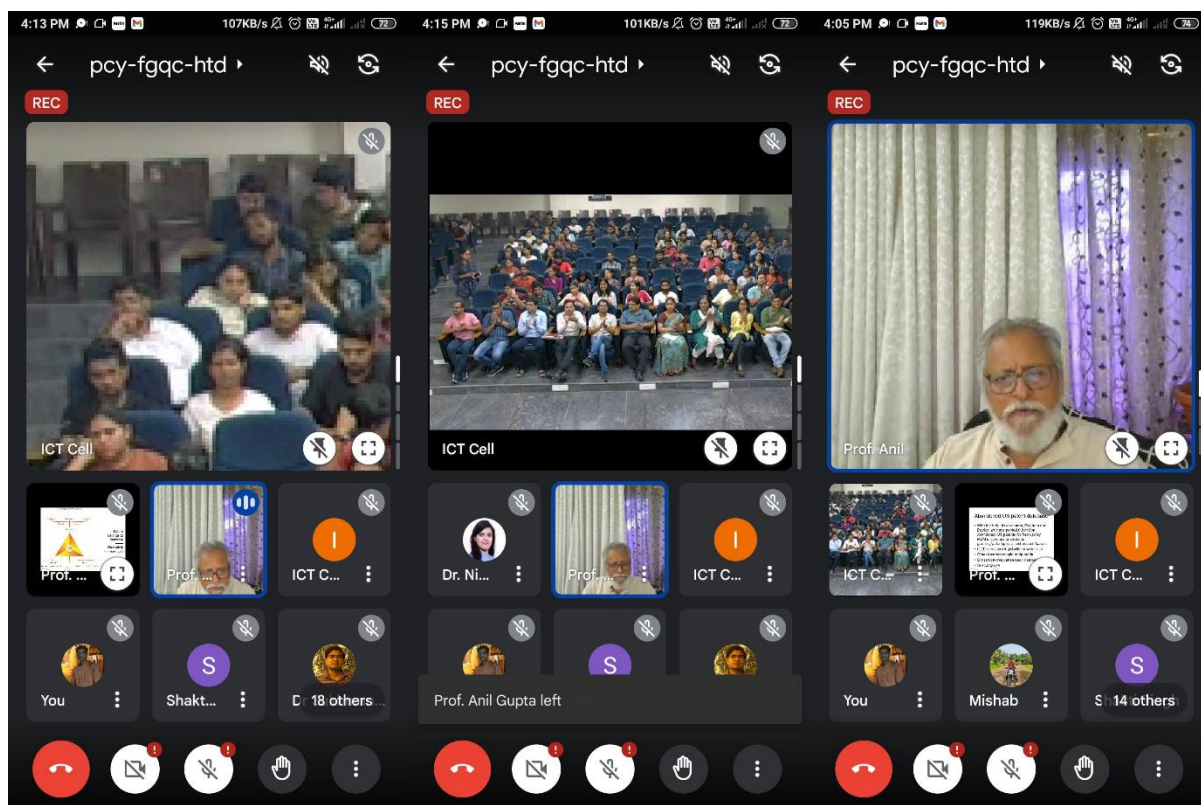
**Creating Economic Opportunities:** By supporting grassroots innovators, the Honey Bee Network helps in creating economic opportunities for individuals and communities. This can lead to economic upliftment and improved quality of life.

**Promoting Sustainability:** Many of the innovations that emerge from the Honey Bee Network have a strong emphasis on sustainability. This aligns with the idea of creating solutions that not only address immediate challenges but also contribute to the long-term well-being of the community and the environment.

**Fostering a Culture of Innovation:** The network fosters a culture of innovation by celebrating and rewarding creativity. This helps in creating an environment where individuals feel encouraged and motivated to come up with new ideas and solutions.

In conclusion, the Honey Bee Network exemplifies how inclusive innovation can transform communities and societies. By recognizing and harnessing the creativity and knowledge of individuals at the grassroots level, we can address a wide range of challenges and build a more inclusive and sustainable future for all.





#### IV. Invitation for Scientific Talk by Dr. S K Das on the topic "Exploration of Microbial Resource and Translational Research"

The Innovation and Startup Cell (ISC) organised a Distinguished lecture on "Exploration of Microbial Resource and Translational Research" 4th September 2023. The invited speaker was Dr. S.K. Das. Dr. Akhil Agrawal, In-charge and Convener of ISC-IIC at CURAJ, welcomed Dr. Das and gave a brief introduction about the vision and activities of ISC-IIC at CURAJ. Dr. Shailesh Patidar, member ISC, introduced Dr. Das, highlighting his achievements and wide experience in the sector.

The topic itself appears to merge the realms of scientific **exploration, entrepreneurial spirit**, and innovation, emphasizing the potential of microbial resources in various industries. Dr. S.K. Das, being the distinguished speaker, likely shared valuable insights, research findings, and practical applications related to microbial resources and translational research.

The integration of **entrepreneurship and innovation** within the context of microbial exploration suggests a forward-thinking approach towards utilizing scientific knowledge for practical, real-world applications. It's an encouraging sign that educational institutions or organizations are acknowledging and highlighting the role of innovation and entrepreneurship in scientific disciplines. This lecture would have likely gained a deeper understanding of how microbial resources can be leveraged for innovation, the pathways towards translational research, and the potential career opportunities available in this evolving field.





Dr. S.K. Das's expertise would have undoubtedly provided attendees with valuable perspectives, potentially inspiring future scientists, entrepreneurs, and innovators to explore this exciting intersection of science and business. Overall, such lectures serve as a platform to foster interdisciplinary learning and encourage the pursuit of innovative careers in emerging scientific domains. With an illustrious career spanning three decades in Microbiology, Dr. Das brings a wealth of experience and expertise to the discussion. His contributions to the field are underscored by a collection of esteemed publications and a portfolio that boasts both National and International Patents, signifying his innovative contributions to microbial research.

Moreover, Dr. Das's involvement with reputable Indian companies for vaccine trials speaks volumes about his commitment to practical applications and the translation of scientific discoveries into tangible solutions for public health concerns.

The vote of thanks was delivered by Dr. Jaya Kritika Ojha, member ISC. The event was anchored by Mr. Abhishek Tyagi, a research scholar in the department of Microbiology at CURAJ and the distinguished lecture was attended by many participants offline and online. Annexure- Photos, Flyer, and Attendance Sheet (pls attach).



## V. Activity Report: Team SAJAL's Participation and Achievement in Smart India Hackathon (SIH) 2023

Team **SAJAL** from **Central University of Rajasthan (CURAJ)** actively participated in the **Smart India Hackathon (SIH) 2023**, a prestigious national-level innovation competition organized by the Ministry of Education Innovation Cell and AICTE. This competition invites students from all over India to tackle real-world challenges through innovative solutions in various domains such as healthcare, agriculture, water conservation, and more. Team SAJAL, comprised of a diverse group of students from different academic backgrounds, was formed with the goal of addressing critical issues in the field of **water conservation**.

In preparation for the hackathon, the team underwent multiple brainstorming sessions to identify viable and creative solutions for water management, keeping in mind sustainability and practical implementation. The team actively engaged in rigorous research, collaborated with domain experts, and fine-tuned their project. Their innovative solution aimed to tackle challenges related to **efficient water usage**,



**wastewater management**, and **community awareness**. The project was designed to be user-friendly, scalable, and applicable to different regions facing water scarcity issues.

During the hackathon, the team worked tirelessly for over 36 hours to develop a prototype, present their solution to the jury, and defend its feasibility and potential impact. Their dedication and innovation paid off when **Team SAJAL was declared the winner of the SIH 2023**. Their project, focused on water conservation, stood out for its technological ingenuity, potential for large-scale implementation, and societal relevance.

The success of Team SAJAL at the Smart India Hackathon has not only brought national recognition to the team but has also contributed to the university's growing reputation as a hub for innovation and entrepreneurship. The team received significant praise from the panel of judges, and their innovative solution was appreciated by the **Ministry of Jal Shakti**, the nodal ministry involved in the challenge. Additionally, the team's achievement granted them **funding assistance from the YUKTI Innovation Challenge**, enabling them to further develop their solution into a practical, real-world application.

This accomplishment has set a benchmark for future participation by CURAJ students in national and international innovation competitions.



## UGC-Malaviya Mission Teacher Training Centre, Central University of Rajasthan (MMC-CURAJ)

### Teacher, Training and Development Committee, Annual Report (2023-2024)

Teacher, Training and Development Committee (TDC) of the Central University of Rajasthan was established to build the capabilities of faculty and students for better teaching, learning, research, and academic leadership by aligning them with Indian values and updating their knowledge and skills according to the needs of society and NEP 2020. In this regard, TDC has planned to organize various training programs in collaboration with important institutions including the University Grant Commission (UGC), Competitiveness Mindset Institute (CMI), and the National Institute of Technical





Teachers' Training and Research (NITTTR), Bhopal. In this line, the first program “FLY (Finding the Leader in You)” was organized in the university in the seminar hall of 4A6 building between 12/02/2024 to 15/02/2024. This program was organized by university in collaboration with Competitiveness Mindset Institute (CMI), USA (India Chapter). The basic aim was to train the students about the leadership skills. The primary focus was on inculcation of top five non-cognitive skills namely, taking initiatives, perseverance, innovativeness, consciousness, and problem solving in students. The training sessions was taken by different experts which were having diverse knowledge and experience namely, Miss. Uma Oza (Director Quality), Miss. Usha Shalvi, Mr. Saurav and Dr. Rashmi from CMI. From each department, two students were trained on the topic. Sessions were based on activity-based learning, demonstration, PPT presentation, and lecture method. Overall 58 students participated in the programme. The students found the program as excellent which allowed them to learn the non-cognitive skills that were helpful in their future life. The workshop was effective in equipping the participants with practical knowledge and creating a supporting community of aspiring leaders. TDC also planned to organize the various online and offline programmes under Malaviya Mission Teacher Training Programme (MMTTP) and other Capacity Building Programs for faculties and non-teaching staff in next academic year.

### **Glimpses of the event**







# SCHOOL AND DEPARTMENTS

## School of Architecture

### DEAN: AR. RITU B. RAI

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

#### Department

Department of Architecture

to regenerative architecture and aims to develop a repository of knowledge documenting historical and traditional wisdom of the community in hot arid desert regions. The focus area for the school is Waste, Water, Energy, and Human Productivity through sustainable architecture. The school envisions developing unique capacity building programs for continued education of teachers and professionals. Job oriented vocational education and skill development courses have been initiated in specialized fields.

### Department of Architecture

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

The Department of Architecture presently offers Masters in Architecture (Sustainable Architecture) and Ph.D. in Architecture. The School programmes focus and follows a multidisciplinary approach integrating technology, architecture, engineering, physical sciences, ecology, management, and legal framework. The Programmes follow a modular approach offering adequate flexibility to learners to choose from a basket of courses according to their career interests.

#### Programs Offered

1. Masters in Architecture (Sustainable Architecture)
2. Ph.D. in Architecture

#### M. Arch. (Sustainable Architecture)

The Masters in Architecture (Sustainable Architecture) program focuses on various aspects of sustainability in the architecture field, ecology, and environmental management, historical and community perspective, sustainable neighbourhood planning, watershed management, waste management, renewable energy technologies, building simulation, acoustics, thermal and contemporary challenges in the field of Interiors, Architecture, Urban Design, and Urban Planning.





## Ph. D.

The department offers a Ph.D. program and currently has one scholar enrolled, focusing on an inclusive approach to planning, Traditional Settlement and water-sensitive planning.

## Faculty

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

## Academic Activities

### Expert/Guest lecture

Name	Event	Date
		04.09.2023
<b>Prof. Rajeev Shringi,</b> <i>Professor MNIT, Jaipur</i>	Invited External Expert for ESE August 2023	To 05.09.2023
<b>Prof. Kalpana Pandit</b> <i>Professor MNIT, Jaipur</i>	Invited External Expert for ESE September 2023	05.10.2023
<b>Ar. Hemang Dave</b> <i>Alumi Student</i>	Conduct A Seminar on Design Studio	20.11.2023
<b>Mr. Sunil Sharma</b> <i>Vatika Group</i>	Guest Leacture for Design Studio	22.11.2023
<b>Prof. Rajeev Shringi,</b> <i>Professor MNIT, Jaipur</i>	Invited External Expert for ESE January 2024	16.01.2024
<b>Kshitij Kacker</b> <i>PMRF research fellow</i>	Conducting workshop on "Project Management and Future Research"	27.10.2023 To 29.10.2024

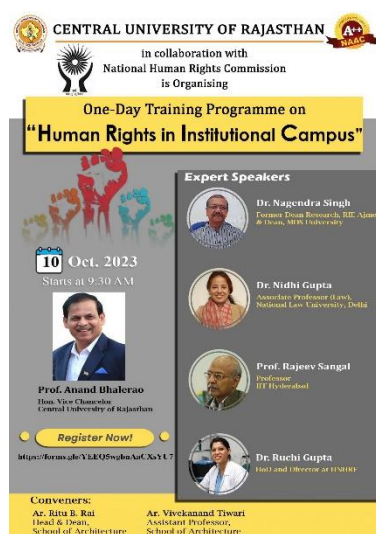




<b>Prof. Kalpana Pandit</b> <i>Professor MNIT, Jaipur</i>	Invited External Expert for ESE May 2024	31.05.2024
<b>Dr. Tarsuh Chandra</b> <i>Professor MNIT, Jaipur</i>	Invited External Expert for ESE May 2024	31.05.2024
<b>Prof. T. I. Khan</b> <i>Rajasthan University, Jaipur</i>	Seminar "Landscape Environment and Sustainability"	11.03.2024
<b>Ar. Himanshu Taneja</b> <i>Landscape Architect</i>	Seminar "Landscape Environment and Sustainability"	11.03.2024
<b>Ar. Aparna Bhargava</b> <i>Landscape Architect</i>	Seminar "Landscape Environment and Sustainability"	11.03.2024

### Conference/ Workshop/Seminar/ Symposium organized

- Dr. Nagendra Singh, Dr. Nidhi Gupta, Prof. Rajeev Sangal and Dr. Ruchi Gupta** one-day training program Human Rights and Human Values in collaboration with NHRC on 10<sup>th</sup> October 2023.



- Kshitij Kacker (PMRF research fellow)** Conduct a 3 Days workshop on "Project Management and Future Research" on 27.10.2023 to 29.10.2023.





- One Day Seminar by **Hemang Dave** on Design Studio on 20<sup>th</sup> November 2023.



- Guest Lecture in Design Studio by **Mr. Sunil Sharma** from Vatika Group on 22<sup>th</sup> November 2023.





- One Day Seminar by **Prof. T. I. Khan, Ar. Himanshu Taneja and Ar. Aparna Bhargava** on “Landscape Environment and Sustainability on 11<sup>th</sup> March 2024.



### External Review:

- **Prof. Rajeev Shringi** (Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 606 & ARC 705) on 04<sup>th</sup> to 05<sup>th</sup> September 2023.
- **Prof. Kalpana Pandit** (Associate Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 609) on 05<sup>th</sup> October 2023.
- **Prof. Rajeev Shringi** (Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 609 & ARC 703) on 16<sup>th</sup> January 2024.
- **Prof. Kalpana Pandit** (Associate Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 609) on 31<sup>st</sup> May 2024.
- **Dr. Tarush Chandra** (Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 703) on 31<sup>st</sup> May 2024.





**Prof. Rajeev Shringi** (Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 606 & ARC 705) on 04<sup>th</sup> to 05<sup>th</sup> September 2023.



**Prof. Kalpana Pandit** (Associate Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 609) on 05<sup>th</sup> October 2023.



**Prof. Rajeev Shringi** (Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 609 & ARC 703) on 16<sup>th</sup> January 2024.





**Dr. Tarush Chandra & Prof. Kalpana Pandit** (Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 609 & ARC 703) on 31<sup>th</sup> May 2024

## Other Academic Activities



- School of Architecture organized a site visit for students for M. Arch. (Sustainable Architecture) to understand the Role of green spaces in the built environment for the sustainable development under the Vikasit Bharat@2047 programme on 12.12.2023.
- School of Architecture has organised a workshop on 'Role of Green buildings in Sustainable development' on 13-12-2023 under Vikshit Bharat-2047. Students has participated in the workshop and understood the role of green infrastructure in sustainable development. Students have prepared digital posters in the workshop on green infrastructure development on 13.12.2023.
- Dr Sunil Sharma conducted the session on Role of renewable energy for Viksit Bharat @ 2047 on 14.12.2023. It was a lecture cum interactive session. Students participated actively, and prize distribution was done to the winners of the interactive quiz session.
- School of Architecture organized a lecture cum site visit for students for M. Arch. (Sustainable Architecture) to understand the "Integrated Water Management at the Campus Level for Sustainable Development" under the Vikasit Bharat@2047 programme 15.12.2023.





- School of Architecture organized a session for students of M. Arch. (Sustainable Architecture) on "Planning for Sustainable Human Settlements" under the Vikasit Bharat@2047 programme on 18.12.2023.
- Dr Sunil Sharma conducted the session on- Energy Efficient Architecture under the Vikasit Bharat@2047 program on 19.12.2023. It was a lecture cum interactive session. Students participated actively, and prize distribution was done to the winners of the interactive quiz session.
- School of Architecture organized a session for M. Arch students. (Sustainable Architecture) under the Vikasit Bharat@2047 program. "Energy Efficient Architecture" It was a lecture cum interactive session. Students participated actively, and prize distribution was done to the winners of the interactive quiz session. Dr Sunil Sharma conducted the Session on 19.12.2023.

## Achievements

Ar. Hemang Dave and Ar. Vivekanand Tiwari, Best paper award for presentation at the Chitkara University International Doctoral Consortium (CUDC-23).

Ar. Hemang Dave (under the supervision of Ar. Vivekanand Tiwari) got the Best paper award for presentation at International Water Conference for Sustainable Development Goals (IWCSDG-2024)

## Educational Tour

- M.Arch. Batch 2023-25 students visited "Bhairana Village" for settlement study on 22nd September 2023.
- M.Arch. Batch 2023-25 students visited "Madhav Goshala Bandarsindari" to understand alternative building materials in the context of Rajasthan on 2nd November 2023.
- M.Arch. Batch 2023-25 students visited to "Udaipur" to study waters systems at city level from 14th to 16th December 2023.
- M.Arch. Batch 2023-25 Students visited "Chittor" to study Climate Responsiveness in Rajasthan Forts on 17th December 2023.
- M.Arch. Batch 2023-25 Students visited "STONE MART", Jaipur to understand stone as a building material on 2nd February 2024.





## Other

- Chandigarh University students of final year B.Arch. visited the CURAJ Campus to understand campus planning and a lecture was conducted by Ar. Vivekanand Tiwari on 27th October 2023.



- Dr Sunil Sharma conducted the session on Role of renewable energy for Viksit Bharat @ 2047 on 14.12.2023. It was a lecture cum interactive session. Students participated actively, and prize distribution was done to the winners of the interactive quiz session.



- Dr Sunil Sharma conducted the session on- Energy Efficient Architecture under the Vikasit Bharat@2047 program on 19.12.2023. It was a lecture cum interactive session. Students participated actively, and prize distribution was done to the winners of the interactive quiz session.







## School of Chemical Sciences and Pharmacy

### DEAN: DR. EASWAR SRINIVASAN

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

#### Departments

Department of Chemistry

Department of Pharmacy

### Department of Chemistry

#### Head: Dr. Easwar Srinivasan

The Department of Chemistry is committed to research and teaching since its inception in 2010. The Department started Masters in Science (Chemistry), a 2-year program in 2010 and immersed with full-time Ph.D. program in 2012, Integrated M. Sc. (Chemistry) 5- year program in 2013, and Integrated M. Sc. B. Ed. 3-year program in 2015. The Ph.D. program 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 13 years of journey and emerged with drug designing, organometallic chemistry, bio-organic and bio-inorganic chemistry, material chemistry, theoretical chemistry in line with gaining more strength towards asymmetric synthesis, heterocyclic/macrocyclic chemistry, nanocatalysts and organic spectroscopy. The Department is funded by DST-FIST and the faculty has received research grants from various funding agencies such as CSIR, DST, UGC, etc.

#### Programs Offered

1. M. Sc. Chemistry (2-Year)
2. Int. M.Sc. Chemistry (5-Year)
3. Int. M.Sc. B.Ed. Chemistry (3-Year)
4. Ph.D. in Chemistry





## Faculty

Name	Designation	Area of Specialization
Dr. Easwar S.	Associate Professor	Synthetic Organic Chemistry; Development of methodologies Asymmetric Synthesis and Organocatalysis
Dr. Anuj K. Sharma	Associate Professor	Bio-inorganic Chemistry, Inorganic Medicine, Coordination Chemistry
Dr. M. Bhanuchandra	Assistant Professor	Transition-Metal Catalysed Organic Transformations and Synthesis of Organic Materials
Dr. Thirumoorthi R.	Assistant Professor	Main Group Reagents in Organic Synthesis and Organometallic Chemistry
Dr. Partha Roy	Assistant Professor	Nanomaterials: Synthesis, Characterization and Applications
Dr. Ritesh Singh	Assistant Professor	C-H bond functionalization, Aryne Chemistry, Chemo-enzymatic Synthesis, Chemical Biology
Dr. Hemant Joshi	Assistant Professor	Synthetic Inorganic and Organic Chemistry, Molecular rotors and molecular machines, Catalysis
Dr. Rajagopala Reddy	Assistant Professor	Theoretical chemistry, Electronic structure theory
Dr. Bhupendra Goswami	Assistant Professor	Synthetic Inorganic Chemistry, Coordination chemistry, Catalysis and photoluminescence
Dr. Chandrakanta Dash	Assistant Professor	Organometallic Chemistry and Homogenous Catalysis
Dr. Pankaj Gupta	Assistant Professor	Electroanalytical Chemistry, Bioelectrochemistry, Neuroelectrochemistry, Organic Electrochemistry

## Academic Activities

### Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Ayan Datta	IACS Kolkata, India unneling and Oriented External Electric Field - Harnessing them for Catalysis	October 16, 2023 (Offline)
Prof. Susanta Mahapatra	Universitu of Hyderabad, School of Chemisty Vibronic Coupling : The Jahn-Teller Effect and Beyond	October 19, 2023 (Offline)
Dr. S. Rajasekhara	Vellore Institute of Technology(VIT), Vellore,	December 08,





Reddy, Professor	India <i>Sustainable Strategies for the Synthesis of Drug-Like Molecule via Regio Selective Cascade Methods</i>	2023 (offline)
Prof. SAURAV CHATTERJEE	NIT Rourkela, India <i>Strategic functionalization of ferrocenyl scaffold using solvent free solid-state synthesis to design novel [n]Ferrocenophanes and related studies</i>	February 15, 2024 (offline)
Prof. Santanu Mukherjee	Indian Institute of Science, Bangalore <i>Breaking Symmetry: Development &amp; Application to Complex Targets</i>	March 15, 2024 (Online)
Prof. Prabal Banerjee	Indian Institute of Technology, Ropar <i>Expanding Reactivity of Donor-Acceptor Cyclopropane Monocarbonyls towards Functionalized Heterocycles</i>	March 18, 2024 (offline)
Prof. Amrendra K. Singh	Indian Institute of Technology, Indore <i>"Protic-NHC Complexes for Small Molecule Activations and Catalysis Towards Circular Hydrogen Economy"</i>	March 22, 2024 (offline)

### Conference/ Workshop/Symposium organized

1. A two-day "International Conference" on the theme "Frontier In Catalysis (FIC-24)" was organized on 4<sup>th</sup>-5<sup>th</sup> January 2024 by the Department. In this event, the **5th Dr. Sunil G. Naik Memorial Lecture** was delivered by **Prof. Liviu Mirica**, University of Illinois at Urbana-Champaign, USA. Several other invited lectures were also delivered by eminent scientists from various national institutes. Many students from the department and various national institutes also participated in oral and poster presentations.

### Extramural funding received

The Department has various ongoing extramural funded projects of Rs. 116 lakhs from different agencies of the Government of India such as DST, CSIR, UGC, etc.

### Equipment procured/Facility

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

### Awards/Achievements

Ms. Anita Saini	Qualified GATE
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Ms. Aastha Sharma	Qualified GATE
Mr. Hrudaya Ranjan Mahanta	Qualified NET-JRF(UGC) and GATE
Mr. Krishna Kumar Khandelwal	Qualified NET-JRF(CSIR)
Mr. Ravindra Kumawat	Qualified NET-JRF(CSIR) and GATE
Ms. Rupika Jain	Qualified NET-JRF(UGC) and GATE
Mr. Neeraj Kumar	Qualified NET-JRF(UGC)
Ms. Pratibha Choudhary	Qualified NET-JRF(CSIR)
Ms. Aarti Mehra	Qualified NET-JRF(CSIR) and GATE
Mr. Vikas Swami	Qualified NET-JRF(CSIR)
Ms. Pragati Meena	Qualified NET-JRF(CSIR) and GATE
Mr. PIJUS MONDAL	Qualified GATE
Ms. SIYA MEENA	Qualified NET-JRF(CSIR)
Mr. Bimalendu Behera	Qualified NET-JRF(CSIR)
Ms. Neha Mathur	Best Oral Presentation award in FIC-24, Central University of Rajasthan, India.
Mr. Sachin Sharma	Best Poster Award in VIII J-NOST National Conference 2023, Indian Institute of Science Education and Research, Pune, Maharashtra, India (10-12 October 2023)



International Conference FIC-24 organized by the Department of Chemistry, CuRaj (4<sup>th</sup> -5<sup>th</sup> Jan., 2024)



Prof. Liviu Mirica delivering 5<sup>th</sup> Dr. Sunil G. Naik Memorial Lecture



Prof. Santanu Mukherjee delivering Research Talk



Prof. Prabal Banerjee delivering Research Talk





## Department of Pharmacy

### Head: Prof. Vipin Kumar

The Department of Pharmacy was established in 2012 with M. Pharm in Pharmaceutical Chemistry and Ph. D. programs to impart quality education in the relevant field and professionally train students. On similar fronts, the Master of Pharmacy in Pharmaceutics was also started in the years 2017. The All-India Council for Technical Education (AICTE) and the Pharmacy Council of India (PCI) duly approved the post-graduate programs. The department has the dedication to excel in pharmaceutical research and education domains. The department is funded by DST FIST and several agencies such as DST SERB, ICMR, CSIR, DBT, DST-Nanomission, UGC etc. The school/department is well equipped with sophisticated equipment like NMR, HPLC, Lyophilizer, microplate reader, Flash Chromatography System, GC-MS, Hematoanalyser, Biochemical analyzer, Tissue organ bath and High-performance work stations etc. along with in silico and cell culture laboratory. The pass-outs have been successfully placed in various government organizations and industrial houses, just after their course completion. The department has also started Master of Pharmacy in Pharmacology in the academic year 2023-2024. The Department of Pharmacy ranked 29th in the NIRF ranking 2024, given by the Ministry of Education, Government of India.

### Programs Offered

1. M. Pharm. (Pharmaceutical Chemistry – 2 year)
2. M. Pharm. (Pharmaceutics – 2 year)
3. M. Pharm. (Pharmacology-2 year)
4. Ph.D. in Pharmacy

### Faculty

Name	Designation	Area of Specialization
Prof. Vipin Kumar	Professor	QSAR, Pharmacophore Mapping, Docking and Simulation, Plant Extracts and their isolates for biological activity, Synthetic Heterocyclic Medicinal Chemistry
Prof. Amit K Goyal	Professor	Non-invasive Drug Delivery Systems, Dosage form Design for Biopharmaceuticals, Herbal ingredients and New Chemical Entities
Dr. D. Madhuri	Associate Professor	Lipid drug delivery systems, Novel Drug delivery systems, Solubility Enhancement Techniques
Dr. Umesh Gupta	Associate Professor	Pharmaceutics, Macromolecular drug delivery and targeting, Solubilization, Nanotechnology in drug/gene delivery





Dr. Devesh M Sawant	Associate Professor	Synthetic Organic Chemistry, Catalysis, RNA Folding, Design of Radionucleid Ligands
Dr. Ruchi Malik	Assistant Professor	Medicinal Chemistry, Chemical Biology Drug Design, Neurodegeneration, Cancer
Dr. Kaisar Raza	Assistant Professor	Drug Delivery, Quality-by- Design, Pharmacokinetics, Pharmaceutical Nanotechnology, Herbal Pharmaceuticals
Dr. Smita Jain	Assistant Professor (Contractual)	Neuropharmacology, Computer Aided Drug Design, Mitochondria Transplantation
Mr. Himanshu Kumar	Assistant Professor (Contractual)	Pharmacology
Mr. Deepak Joshi	Assistant Professor (Contractual)	Pharmacology

### Extramural funding received

The Department has various ongoing extramural funded projects of more than 100 lakhs from different agencies of the Government of India such as DST, NRDC, ICMR and DBT.

### Conferences Organized

Name of the Scheme	Name of the Training Program	Duration of Program	Organized by
DST-STUTI	Hands-on Training Program on “Formulation and Characterization Techniques in Drug Delivery	31 <sup>st</sup> July to 6 <sup>th</sup> August 2023	Dr. Umesh Gupta

### Equipment Procured/Facility

1. Hematology Analyzer (Hemax 330)
2. Semi-Automatic Bio-Chemistry Analyzer (Erba)
3. Tissue organ bath (Baba Gurudita Corporation)
4. Works stations (Fusionstor)

### Awards/Achievements

Rakesh Kumar Sahoo	Post-doctoral fellowship at the University of Illinois, USA (2024)
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Bhanwar Singh Choudhary	Post-doctoral fellowship at the University of Cape Town South Africa (2024)
Shubham Srivastava	Post-doctoral fellowship at the University of Texas Health Sciences Centre (2024)
Charu Misra	Common Wealth Split Site Scholarship at the University of Bradford UK (2023)
Nishtha Chaurawal	Common Wealth Split Site Scholarship at the University of Bradford UK (2024)





# 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 center of excellence in the discipline of Commerce and Management education and research.

### Department

Department of Commerce

Department of Management

## Department of Commerce

### Head: Prof. Praveen Sahu

The Central University of Rajasthan established the Department of Commerce in 2012 to provide flexible, innovative academic and research programs and support structures that are responsive to a broad range of learners and regional needs. The world is witnessing a high-tech revolution with changes in science, technology, commerce, and industry. The world now believes that knowledge is everything. With the opening up of the world economy by way of globalization, liberalization and privatization processes, all the business sectors are witnessing tremendous growth. The whole economy is undergoing a tremendous transformation with many new sunrise sectors like financial services, consultancies, etc. coming up.

The service sector is outstripping the manufacturing sector in growth. A career in these sectors involves challenging work, high growth opportunities, lucrative pay packets, and a professionally challenging work environment. The job market is undergoing a metamorphosis. This is creating a huge demand for careers in Commerce and Business. This has led to a huge change in the way we teach and deliver business studies courses. The corporate world is dynamic and the changes are so severe that a series of new concepts and techniques are fast coming into being and the earlier and traditional ones are becoming 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 the concepts and techniques among commerce teachers to further channelize and streamline their contribution. By introducing more and more professional skills, we need the output of graduates and researchers to be of the best quality in the world.

## Programs Offered





1. Master of Commerce (M.Com.)
2. Ph.D. in Commerce

## Faculty

Name	Designation	Area of Specialization
Prof. Praveen Sahu	Professor and Head	Marketing, Human Resource Management, Organizational Behavior, General Management
Dr. Sanjay Kumar Patel	Assistant Professor	Accounting and Taxation, Environmental Reporting, Managerial Economics
Dr. Priyanka Bhaskar	Assistant Professor	Managerial Economics Banking & Finance, General Management
Dr. Puspender	Assistant Professor	Data Analytics, Research Method, SAPM
Mr. Shubham Pandey	Assistant Professor	Accounting and Finance, Entrepreneurship

## Academic Activities

### Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Ritu Sapra	<i>Expert Talk</i>	July 5, 2023
Prof. Umesh Holani	<i>Expert Talk</i>	Oct. 27, 2023
Prof. Mohinder Singh	<i>Expert Talk</i>	Nov. 20, 2023
Prof. H.K. Singh	<i>Expert Talk</i>	Dec 18, 2023

## Other Academic Activities

1. Conducted Business Quiz on 4 Oct, 2023
2. Hands on Practices on Dynamic PPT 18 Oct, 2023
3. Exploring Different Database for Research Articles 18 Oct. 2023
4. How to Read Research Paper 11 Oct, 2023
5. How to build An Effective C.V. 11 Oct, 2023.
6. How to select a broad area of topic of research 1 Nov. 2023.
7. How to Fill GST Return: A practical Experience, 22 Nov. 2023
8. Group Discussion, 22 Nov, 2023

## Awards and Achievements

### UGC NET/ GATE Qualified students

S.N.	Name	Enrollment No.	Department	NET/JRF	Batch
1.	Deepanshi Jain	2022MCOM006	Commerce	NET	2022-24
2.	Nabhan T. P.	2021MCOM011	Commerce	NET	2021-23



- **Best Paper Award:** Dr. Puspender, Dr. Priyanka Bhaskar and Dr. Sanjay Kumar Patel for paper entitled “Enhancing Competitiveness Through Intellectual capital: Mediating Role of Innovation and Organizational Ambidexterity” at National Conference, Department of Commerce, Central University of Himachal Pradesh, 26-27 June 2024.



Interaction @ Commerce under VIKSIT BHARAT @ 2047



Project-viva @ Commerce under M.Com. 2024

### Equipment procured/Facility

1. 1 Computer Lab having 24 Desktop Computers
2. 2 Classrooms
3. 2 Projectors
4. 1 Tutorial Room
5. 1 Research Scholar's Room

## Department of Management

### Head: Dr. Sanjay Kumar Garg

Established in 2010, the Department of Management offers MBA with specialization in three streams – Finance, Human Resource Management and Marketing. Every year, 30 students join the program, from diverse backgrounds, states, cultures and languages. The faculty of the department imparts high-quality management education through rigorous academic inputs, regular management activities and seminar of national repute. The department provides a good research environment along with extensive infrastructural facilities. The department is involved in in-depth research work in different functional areas of management. The strong research orientation of the faculty is reflected through sponsored research projects and doctoral research through regular PhD program. The department has Strong alumni network & students are well placed in reputed organisations.

### Programs Offered

1. Master of Business Administration (MBA)
2. Ph.D. in Management





## Faculty

Name	Designation	Area of Specialization
Prof. Uma Sankar Mishra	Professor and Dean-SCM	Marketing Research, Consumer Behaviour, Quantitative Techniques, Research Methodology
Dr. Sanjay Kumar Garg	Assistant Professor	Stock & Derivative Markets Financial Management Risk Management Management Accounting Operations Research
Dr. Avantika Singh	Assistant Professor	Organizational Behaviour Business Ethics and Sustainability Public Policy Management (public health, self-help groups, women empowerment)
Dr. Tulsee Giri Goswami	Assistant Professor	Human Resource Management & Development Training and Development Organizational Behaviour Leadership HR Analytics, Psycap
Dr. Ramulu Bhukya	Assistant Professor	Consumer Behaviour, Customer engagement, Entrepreneurship, Retail technologies, eWOM

## Conference/ Workshop/Symposium organized

1. Workshop on Securities Markets in association with National Institute of Securities Markets (NISM) held on 18/01/2023.
2. ICSSR Sponsored 2-Week Capacity Building Programme (CBP) on Research Methodology and Quality Publications for Young Faculty Members in Social Science from 4<sup>th</sup> March-6<sup>th</sup> March, 2024.
3. One-week MDP on Entrepreneurship & Startup, Sponsored by Ministry of MSME, MSME-DFO, Jaipur, Department of Electronics & Communication Engineering and BITS-Technology Enabling Centre, BITS Pilani, 26<sup>th</sup> February 2024 to 1<sup>st</sup> March, 2024.

## Other Academic Activities

1. Awareness session on Suicide Prevention in account of **World Suicide Prevention Day 2022 on September 8<sup>th</sup> 2022 & Blood Donation Camp** in collaboration with SMS Blood Bank, Jaipur. Sponsored by Satya Foundation Charitable Trust, Jaipur.





## School of Earth Science

### DEAN: Dr. DEVESH SHARMA

The School of Earth Sciences is committed to provide interdisciplinary knowledge in the field of environmental sciences and atmospheric science and their linkage with societal development. The prime goal of the school is to train manpower with scientific knowledge and technical skills in the field of earth sciences to serve local and global communities. The school is committed to create and effectively disseminate fundamental knowledge about Earth, its resources, and the processes by which it changes. 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.

#### Department

**Department of Atmospheric Science**

**Department of Environmental Science**

### Department of Atmospheric Science

#### Head: Dr. Devesh Sharma

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

#### Programs Offered

1. M. Sc. Atmospheric Science
2. Ph.D. in Atmospheric Science

#### Faculty

Name	Designation	Area of Specialization
Dr. Devesh Sharma	Associate Professor	Climate Change and Water Resources, Hydrological Modelling





Dr. Subrat Kumar Panda	Assistant Professor	Regional Climate Change Modelling, Indian Monsoon Studies, Modelling of Lightening and Thunderstorm
Dr. Chinmay Mallik	Assistant Professor	Atmospheric Chemistry, Atmospheric Oxidation and self-cleansing mechanisms, Air quality and Air Pollution, Atmospheric Trace Gases and Aerosols, Space Weather Studies
Dr. Jayanti Pal	Assistant Professor	Impact of Climate Change, Air-Sea Interaction, Indian Monsoon, Tropical Cyclogenesis, Cloud-Aerosol Interaction
Dr. Jai Prakash	Assistant Professor	Atmospheric aerosol and its impact on climate; Sources and atmospheric process of Aerosols; Source and Receptor-oriented modelling

## Academic Activities

### Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr Hartwig Harder Group Leader & Senior Scientist, Max Planck Institute for Chemistry, Mainz	International Lecture Series in Atmospheric Science, 2024	10 May 2024
Dr. Bijon K Mitra IGES, Japan	Workshop on “Agrivoltaics-based Circulating and Ecological Sphere (CES) approach for integrated rural livelihood enhancement and net-zero city-regions”	24 June 2024
Dr. Vibhas Sukhwani IGES, Japan	Workshop on “Agrivoltaics-based Circulating and Ecological Sphere (CES) approach for integrated rural livelihood enhancement and net-zero	24 June 2024





	city-regions”	
Shri Harioum Gupta Project Manager RRECL, Jaipur	Workshop on “Agrivoltaics-based Circulating and Ecological Sphere (CES) approach for integrated rural livelihood enhancement and net-zero city-regions”	24 June 2024
Dr. Sunita Shastri, Head, Business Development Group, CSIR-NEERI  Er. Satish Dave, BDG, CSIR-NEERI  Dr. Anirban Middey, KZC, CSIR-NEERI	MoU between CSIR-NEERI and Central University of Rajasthan	25 April 2024

### Conference/ Workshop/Symposium organized

1. One day Workshop on “Agrivoltaics-based Circulating and Ecological Sphere (CES) approach for integrated rural livelihood enhancement and net-zero city-regions” on 24 June 2024

### Other Academic Activities

1. Demonstration cum Training session on NO<sub>x</sub> Analyser on the Occasion of WMO day on 23 March 2024

### Extramural funding received

Various extramural funded projects of **Rs. 278 lakhs** are ongoing in the department sanctioned by different agencies of the Government of India e.g., DST, UGC, MoWR, MoES, ISRO, IGES, APN, etc.

### Equipment procured/Facility

1. PM Sampler procured under UGC-BSR Startup Grant





PM Sampler installed under UGC-BSR Startup Grant on



Workshop on “Agrivoltaics-based Circulating and Ecological Sphere (CES) approach for integrated rural livelihood enhancement and net-zero city-regions” (24 June 2024)

## Department of Environmental Science

### Head: Prof. Laxmi Kant Sharma

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

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





& multidisciplinary collaboration for environmental research.

## Programs offered

- Ph. D. in Environmental Science
- M. Sc. Environmental Science (02 years)
- Four Year B. Sc Environmental Science (4 years)

## Faculty

Name	Designation	Area of Specialisation
Prof. Rajesh Kumar	Professor	Glaciology, Glacier geomorphology, climate science, and Air pollution
Dr. Laxmi Kant Sharma	Professor	Environmental Remote Sensing, Ecological and Environmental Management
Dr. Pramod N Kamble	Associate Professor	Soil microbial ecology, Bioremediation, and Medicinal plants study.
Dr. Garima Kaushik	Assistant Professor	Environmental Biotechnology, Microbial Biodegradation of POP's (Pesticides, Pharmaceuticals and antibiotics)
Dr. Ritu Singh	Assistant Professor	Environmental Toxicology, Environmental Pollution, and Management, Nanoremediation
Dr. Shailesh Kumar Patidar	Assistant Professor	Environmental Biotechnology (Algal biofuel, Carbon sequestration, Bioremediation), Algae-bacteria interactions, Ecophysiology of contaminated environment
Dr. Nivedita Chaudhary	Assistant Professor	Air pollution and climate change-Monitoring and Effects on Plants
Dr. D. Bhagawan	Assistant Professor	Environmental Pollution Remediation & Waste refining for value added products.

## Academic Activities

### Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Sukalyan Chakraborty Dept. of Civil and Environmental Engineering, BIT MESRA	Microplastics: A Booming Chemical Contaminant of Emerging Concern	8th February 2024
Dr. Manoj Prasad FNASc., FNAAS, FNA, Staff Scientist VII & JC Bose National Fellow, National Institute of Plant Genome Research (NIPGR), New Delhi, and Adjunct professor, Department of Plant Sciences,	Observation of the International Year of Millets, 2023	24th November 2023





School of Life Sciences, University of Hyderabad		
Field Trip	Sambhar salt Lake- Ramsar site	19th Oct. 2023
Prof. Shyam Lal FNA, FASc, FNASc INSA Senior Scientist and Honorary Scientist PRL Physical Research Laboratory (PRL) Ahmedabad	Ozone & Trace Gases for Atmospheric Processes and Environmental & Climatic Changes	19 September 2023
Prof. Rajiv Sinha, Department of Earth Sciences, IIT- Kanpur	Understanding the Controls of groundwater dynamics in alluvial aquifers in Northwest India: Role of Paleogeomorphology and Stratigraphy	14 August 2023

### Conference/ Workshop/Symposium organized

Community awareness workshop on Floating Treatment Wetland System (FTWS) for Remediation of Surface Water Bodies at Naya Gaon, Kishangarh, Ajmer on 31 October 2023, sponsored by the Asia Pacific Network (APN) for Global Change Research, Japan.

Floating Treatment Wetland System (FTWS) for Remediation of Surface Water Bodies at the Central University of Rajasthan on 31 January 2024, sponsored by the Asia Pacific Network (APN) for Global Change Research, Japan.

Final Sharing Workshop of the multi-country collaborative research on Floating Treatment Wetland System (FTWS) at the Central University of Rajasthan on 22-23 February 2024, sponsored by the Asia Pacific Network (APN) for Global Change Research, Japan.

Community Awareness Workshop on “Floating Treatment Wetland Systems (FTWS) for Enhancement of Lake Water Quality” at Ajaymeru Press Club, Ajmer, Rajasthan, India on 17 May 2024, sponsored by the Asia Pacific Network (APN) for Global Change Research, Japan.

2-Days Training Programme on Sustainable Horizons: Navigating Solid and Plastic Management towards a Zero-Waste Campus held on 13 & 14<sup>th</sup>, March, 2024. Sponsored by Rajiv Gandhi National Institute of Youth Development, Ministry of Youth Affairs and Sports, Govt. of India.

National Conference on Recent Advances in Medicinal Plants Research A special emphasis on cultivation and processing of Ashwagandha, held on 28<sup>th</sup> – 29<sup>th</sup> Feb. 2024





## Other Academic Activities

Celebration of World Environmental Day 2024 on 5<sup>th</sup> June 2024.  
Celebrated Earth Day -2024 on 22<sup>nd</sup> April, 2024  
Celebrated World Wetland Day-2024 on 2<sup>nd</sup> Feb., 2024 in collaboration with the Department of Environmental Science, MDS University Ajmer  
Organized Biofuels for Viksit Bharat @ 2047, 21-12-2023.  
Organized Idea competition on Environmental rejuvenation for Viksit Bharat@2047, 20-12-2023.  
Organized Panel Discussion on Role of Youth to Combat climate change for Viksit Bharat@2047, 13-12-2023  
Celebrated International year of Millet, 2023 on 24<sup>th</sup> November 2023  
Organized University level National Environmental Youth Parliament on 30<sup>th</sup> Oct. 2023  
Celebrated World Ozone Day on 19<sup>th</sup> September 2023.

## Extramural funding received

Various extramural funded projects of Rs. >200 lakhs are ongoing in the Department sanctioned by different agencies of the Government of India e.g. DST-SERB, DST, DBT & Ministry of Ayush etc.

## Equipment procured/Facility

- Micro plate reader

## Awards/Achievements

- Mr. Shubham Kumar received Research Award 2024 from the Society of Wetland society.
- Ms. Anjana Madhav got selected for the prestigious Think Swiss Research Scholarship 2024.
- Mr. Shubham Kumar achieved the prestigious SIL Wetzel Travel Award 2024 from the International Society of Limnology (SIL) to attend the SIL Congress this year in Foz do Iguaçu, Brazil.
- Ms. Sana Parveen got the Best Presentation Award at National Conference at Department of Life Science, CURAJ, India
- Ms. Simran Maratha got the Best Presentation Award at International Conference at Karwar, Karnataka, India
- Mr. Manish Kumar (2017PHDES01) received "Research Publication Award" by the Institution of Eminence, University of Delhi, for the research article published in the journal "Science of The Total Environment"
- Ms. Prity (Prity S. Pippal) (2020PHDEVS004) received "Young Scientist Conference Award of German £2000" at 1st Joint ICOTTE-ICHMET 2023 Conference at the University of Wuppertal, Germany (6-11 Sept 2023)
- Ms. Prity (Prity S. Pippal) (2020PHDEVS004) received "Student Travel Grant of US \$2320" to attend 43<sup>rd</sup> IGRASS Symposium 2023 in Pasadena, California, USA (16-21 July 2023)
- Ms. Prity (Prity S. Pippal) (2020PHDEVS004) received full "Student Travel Support" for attending and presenting a poster in Munnar workshop 2023 by





CACS, IIT Madras in Chemical Engineering College, Munnar India (26-28 July 2023)

- Ms. Payal (2021PHDEVS003) received DST SERB International Travel Grant for participating in Asia Oceania Geosciences Society (AOGS) 2024 21<sup>st</sup> Annual Meeting, Gangwon-do, South Korea (23-28 June 2024)
- Ms. Tanuja (2022PHDENV006) participated in Winter School 2023, organized by Tribhuvan University, Nepal, on the Application of Field snow and remote sensing techniques for snow and glacier studies (16<sup>th</sup> November- 20<sup>th</sup> December 2023) funded by Tribhuvan University, IRD France and other partners.
- Ms. Tanuja (2022PHDENV006) participated in a capacity-building workshop on Climate Risk Assessment (CRA) from 5-8 February 2024, at Kathmandu, funded by Nepal Development Research Institute.
- Mr. Rajeev Ranjan Yadav (2023PHDEVS008) attended training on “Glacier Studies and Remote Sensing” fully funded by Divecha Center for Climate Change, Indian Institute of Science, Bangalore, India (18-28 June 2024).
- Ms. Nisha received SERB travel grant for attending the “E-MRS 2024 Spring Meeting” held at the Convention & Exhibition Centre in Strasbourg, France (27 May, 2024 to 31 May, 2024).

### UGC NET/ GATE Qualified students

- Avimanu Shrama, Poster Prize at 3rd Commonwealth Chemistry Poster
- Naziya Tarannum, Best Paper presentation at International Conference series on VAYU Bhuvneshwar
- Manuraj P, M.Sc, Qualified UGC-NET
- Neha Bharti, M.Sc Qualified UGC-NET
- Astha Moolchandani, M.Sc, Qualified UGC- NET-JRF
- Basant Bijarniya, Int. M.Sc, Qualified UGC- NET
- Bhavya Swamy, Int. M.Sc, Qualified UGC- NET
- Hema Kumari, M.Sc, Qualified UGC- NET
- Ritik Jain, M.Sc, Qualified UGC- NET-JRF
- Jagriti Dadhwal, Ph.D scholar Qualified UGC- NET
- Prakriti, Int. M.Sc Qualified GATE with all India rank 110
- Hemanth Kumar, Int. M.Sc Qualified GATE



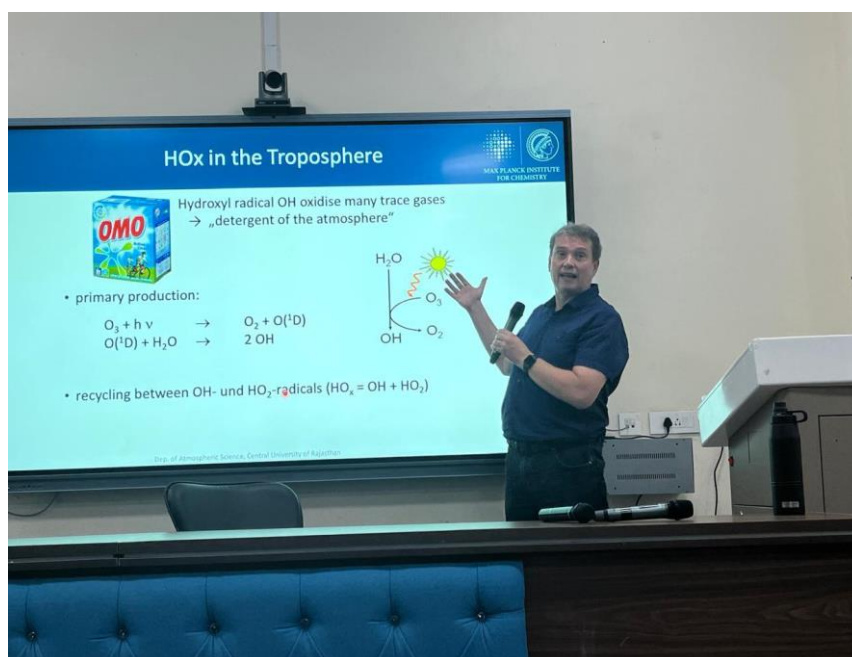


*Visit to Sambhar salt Lake- Ramsar site*



2-Days Training Programme on Sustainable Horizons: Navigating Solid and Plastic Management towards a Zero-Waste





Dr. Hartwig Harder delivering a lecture on the Impact of convection on self-cleaning capacity in the upper troposphere (10 May 2024)





# School of Engineering and Technology

## DEAN: DR. PRAKASH CHAUDHARY

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

### Department

- Department of Computer Science and Engineering
- Department of Electronics and Communication
- Department of Bio-Medical Engineering
- Department of Vocational Studies and Skill Development

## Department of Computer Science and Engineering

### Head: Dr. Prakash Choudhary

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

### Programs offered

1. B. Tech CSE
2. M. Tech. CSE
3. Ph. D. in CSE





## Faculty

Name	Designation	Area of Specialization
Dr. Prakash Chaudhary	Associate Professor and Head	Information Retrieval Image Processing, Machine Learning and Pattern Recognition, Multilingual Text Recognition, Federated Learning
Dr. Basant Agarwal	Associate Professor	Machine Learning, Deep Learning, Natural Language Processing
Dr. Gaurav Somani	Assistant Professor	Network Security, Cloud Security, Distributed Systems, Computer Networks,, Cloud computing, Virtualization
Mr. Ravi Saharan	Assistant Professor	Image Processing, Algorithms, Number Theory, Information Security
Dr. Muzzammil Hussain	Assistant Professor	Network Security, Wireless Sensor Networks, Computer Networks
Dr. Tarun Kumar	Assistant Professor	Image Processing, Deep Learning and Blockchain Technology

## Academic Activities:

1. One day research facility training workshop in the DST SERB Core research grant (PI: Dr. Gaurav Somani) project on "Victim Separation to Minimize DDoS attack Effects in Cloud Computing Environments", Nov 21, 2023..

## Equipment procured/Facility

1. HP G400 workstation
2. Network Switch (DGS-3130)
3. Dell R 540 and R550 High End servers
4. WD-Server Rack (42U)
5. KVM Switch

## Extramural funding received

Various extramural funded projects of more than Rs. 85 lakh are ongoing in the department sanctioned by different agencies of Government of India e.g. DST and DST SERB etc.

## Awards/ Achievements





1. Dr. Gaurav Somani has been appointed as an Associate Editor, ACM Digital Threats: Research and Practice (DTRAP) journal for 2023-2026.
2. Dr. Gaurav Somani was elevated to ACM Senior Member in October 2023.
3. Dr. Gaurav Somani was recognized as IEEE Ethics Champion in October 2023.

## Department of Electronics and Communication Engineering

### Head: Dr. Sanyog Rawat

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

### Programs Offered

1. B.Tech (ECE)
2. Ph.D.

### Faculty

Name	Designation	Area of Specialization
Dr. Sanyog Rawat	Associate Professor	Reconfigurable RF printed circuits, Microwave and Millimeter wave technology
Dr. Milan Sasmal	Assistant Professor	Electronic device, Nano-bio sensors, MEMS/NEMS
Dr. Rajan Singh	Assistant Professor	Piezoelectric/ Ferroelectric devices, Energy harvesters, Spintronic devices
Dr. Kapil Saraswat	Assistant Professor	Programmable Metasurface, Computational Electromagnetism
Dr. Sudhir Bhaskar	Assistant Professor	Microwave Engineering, Antennas for RFID Applications





## Other Academic Activities

1. Orientation program for new entrants
2. Engineers' day celebration on 15 Sept. 2022

### Funding received

Year of award	Title of the research project	Name of PI	Amount (in lakhs)	Name of the funding Agency	Status
2023	All solution-processed MoS <sub>2</sub> nano-bio-composite flexible electronic sensor for environmental monitoring	Dr. Milan Sasmal	42.365	HEFA	Sanctioned

### Awards/Achievements

1. GATE qualified students

Students qualified in GATE examination, 2023		
S.No	Enrolment Number	Name of the Student
1	2020BTECE006	Hitesh Tanwar
2	2020BTECE015	Sahil Kr. Prajapati
3	2020BTECE004	Digendra
4	2020BTECE016	Sakshi Gupta

2. Dr. Kapil Saraswat granted a copyright for Computer Software Work Characteristics Mode Analysis Tool Software.
3. Dr. Sanyog Rawat served as Editor in book published by Springer (LNNS Series).

## Department of Biomedical Engineering

### Coordinator: Dr. Chandan Kumar

The Department of Biomedical Engineering (BME) started from the academic year 2020-2021 under the School of Engineering and Technology. The department offers a 4-years undergraduate program (B.Tech.) in Biomedical Engineering (BME). Biomedical engineering is a fascinating multidisciplinary area that involves the application of engineering principles in a wide array of therapeutics and diagnostics to aid biomedical scientists and medical practitioners.





## Programs Offered

1. B.Tech. 4 years Biomedical Engineering

## Faculty

Name	Designation	Area of Specialization
Dr. Chandan Kumar	Assistant Professor	Energy Harvesting and Biomedical sensors
Dr. Manas Kumar Nag	Assistant Professor	Medical Image analysis
Dr. Sandeep Chaudhary	Assistant Professor	Biosensors
Dr. Vikrant Singh Rajput	Assistant Professor	Drug Discovery

## Funding received

Prof. Sanjib Kumar Panda has received a funding of 7.13 lakhs from DST-DAAD for the project 'Functional genomics and the genome editing for iron fortification in pigeon pea'.

## Department of Vocational Studies and Skill Development

### Coordinator: Dr. Milan Sasmal

The vocational studies and skill development department started in August, 2023 under the School of Engineering and Technology. The primary goal of starting this department is to produce highly skilled personals for industries etc. The vocational and Skill Development Courses help to perform a particular activity in a very experienced manner in which learners can have potential either to get jobs or to start their own business. Various vocational and skill programmes such as certification, Diploma and PG Diploma, B.Voc are running under VSSD department.

## Programs Offered

1. B.Voc(Robotics and Automation)
2. B.Voc(Interior Design)

## Faculty

Name	Designation	Area of Specialization
Dr. Milan Sasmal	Assistant Professor and Coordinator	Electronic Device Fabrication, Nanobiosensor, Microfluidic Devices





# School of Humanities & Languages

## DEAN: PROF. SANJAY ARORA

The School has three progressive and forward-looking departments providing literature and language courses with the aim to generate high standard of knowledge and equip the students with multidisciplinary and holistic education. The departments have dedicated and talented faculty who are engaged in imparting value-based education. Research scholars of the School are doing exemplary work on varied topics in literature and language, and social and cultural issues. The curriculum is regularly updated to offer opportunities for overall, sustainable development of the students. Several critical and creative courses run by the departments are opted by the students of other disciplines and the School is continuously engaged in promoting an environment of innovation in learning.

### Department

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

## Department of English

### Head: Dr. Bhumika Sharma

Department of English was established in the academic session 2010-11. It mentors the students for comprehensive overall development, both in and out of the classroom. Beyond this, it provides intensive training through lectures, communicative tasks, and activities, film screening, debates, discussions, writing practice, symposiums, seminars, workshops, and conferences. The syllabus is a healthy blend of language, literature, culture studies, visual representation, and multi-disciplinary studies and courses are designed to connect academic foci with value-based education, life skills and larger social responsibilities. The program(s) not only imparts essential and additional knowledge in the field but also equips and trains the students for careers in the field of teaching, creative writing, research, content writing, translation, film criticism, and other related avenues.

### Programs Offered

1. M. A. English
2. Ph.D. in English





## Faculty

Name	Designation	Area of Specialization
Dr. Sanjay Arora	Professor	English Language Teaching, Applied Linguistics, CLT
Dr. Bhumika Sharma	Associate Professor	Postcolonial Studies, African American Literature, Gender Studies
Dr. Neha Arora	Assistant Professor	Dalit Literature, Comparative Literature, Literature of the Margins
Dr. Devendra Rankawat	Assistant Professor	Diaspora Studies, Critical Theory, Creative Writing
Dr. Ved Prakash	Assistant Professor	Partition Literature, Life Writing, Film Studies
Dr. Savita Andelwar	Assistant Professor	Indian English Literature, Comparative Literature

## Academic Activities

### Expert/Guest lecture/Seminar/Visit

- Professor Neeraj Gupta's lecture on 'Role of EQ, IQ and SQ in Success' arranged on February 8, 2024.

### Conference/ Workshop/Symposium organized

- 4<sup>th</sup> International e-Conference on "Exploring Crisis in Literary and Cultural Studies" organized by New Literaria and Dept. of English, CURaj. (19-20 October, 2023)
- 3 Days Lecture- cum- Workshop on Indian Aesthetics (5-7 March, 2024)

### Awards / Achievements

- Kanika Vasishta, Research Scholar, attended International Summer School of the Marbach Weimar Wolfenbüttel Research Association in partnership with the project 'textlang' (University of Stuttgart) during 30 July, 2023 to 19 August, 2023. The visit and participation was fully funded that included free accommodation (21 days) at Collegienhaus of the German Literature Archive, Marbach, Germany. The travel costs were reimbursed to the value of the allowances set by the DAAD travel cost rates provided by Digital Literature Archive, Marbach.
- Dr. Bhumika Sharma, Head of the Department, was awarded 'Best paper Award' in Oral Presentation Category for the paper, "Nothing Personal: Rearrangement





of Narrative Codes in Tabish Khair's 'Weak Heart' in the International Conference on "Narrative and Narration: Mapping out Latest Trends in South Asian Literature" organized by Department of English, School of Media Studies and Humanities, Manav Rachna International Institute of Research and Studies, Faridabad, Haryana, 30-31 January, 2024.

- Dr. Devendra Rankawat, Assistant Professor in the Department, was awarded 'Best Paper Award' in a National Conference on "The Works of the Tamil Poet Vanavil k Ravi" by the Cultural Council Tamil Nadu in 2023.
- Dr. Ved Prakash, Assistant Professor, has been awarded the Meenakshi Mukherjee Memorial Prize 2024 for the best scholarly paper from the Indian Association for Commonwealth Literature and Language Studies. The prize was given for the article 'Examining the Domain of Caste, Gender, and Sexuality through select films of Jayan K. Cherian' in *The Routledge Companion to Caste and Cinema in India* by Joshil K. Abraham and Judith Misrahi-Barak. Routledge, London & New York, August, 2022.
- Rishav Dutta, Research Scholar, received ICSSR Travel Grant Award (Rs.1,41,465/-) from the Indian Council of Social Science Research (Ministry of Education) to participate and present Research Paper in the 2<sup>nd</sup> International Conference on *Translation and Cultural Sustainability: Challenges and New Avenues*, organized by University of Salamanca, Spain from 17-19 April, 2024. The award included full financial support covering air fare, visa fee, insurance charges, maintenance, registration fee and airport transfer.

## Department of Hindi

### Head: Dr. Shital Prasad Mahendra

Language is not just a means of expression and communication, but it also plays a crucial role in shaping social thought, cultural cohesion, and collective mentality. As the official and lingua franca of a multilingual and multicultural country like India, Hindi serves as a medium for inter-dialogue among various language-speaking communities and cultures. The Hindi Department of the Central University of Rajasthan considers the role of the Hindi language and literature significant in the process of bringing marginalized groups into the mainstream with educational and social commitment. The Hindi Department is actively progressing on the path of continuous improvement. It was established in the academic session of 2011, incorporating postgraduate and Ph.D. programs. The curriculum of the Department is centered on integrated study of literature, functional Hindi, and linguistics, enabling students to be fully capable of providing employment opportunities.

### Programs Offered

1. M. A. Hindi
2. Ph.D. in Hindi





## Faculty

Name	Designation	Area of Specialization
Prof. N.Lakshmi Aiyar	Professor	Comparative literature
Dr. Shital Prasad Mahendra	Associate Professor	Hindi Criticism, Media & Film Discourse, Language Technology
Dr. Suresh Singh Rathore	Associate Professor	Katha Sahitya, LokSahitya, Modern, poetry
Dr. Mamata Khandal	Assistant Professor	Comparative Studies, Translation, Modern Hindi Literature & Poetry
Dr. Sandeep V Ranbhiker (on lien)	Assistant Professor	Bhakti Literature, Hindi Poetry, Fiction, Women's writing
Dr. Akshansh Bharadwaj	Assistant Professor	Bhakti Literature, Hindi Poetry, hindi sahitya ka itihaas

## Academic Activities

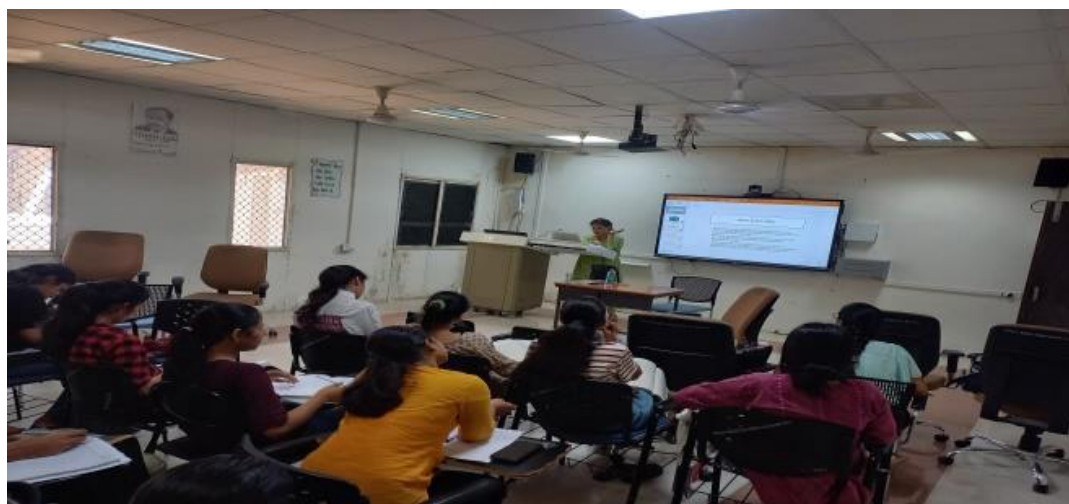
### Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Anil Jain प्रो. अनिल जैन	Guest lecture on "RAJSTHAN KA BHAKTI KAVYA"	01-04-2024

### Conference/ Workshop/Symposium organized

1. The department organized an workshop at school level on "Anuvaad Karyashaala" from 29<sup>th</sup> May-30 June 2024.
2. Nirala Jayanti was celebrated on 14<sup>th</sup> February 2024
3. Rahul Sankritayan was celebrated on 9<sup>th</sup> April 2024
4. Tulsidas Jayanti was celebrated on 23<sup>rd</sup> August 2023





## Department of Linguistics

**Coordinator: Dr. Dhanapati Shougrakpam**

The Department of Linguistics, established under the School of Humanities & Languages during the academic session 2019-20, aims to advance the exploration of language sciences through an interdisciplinary approach. Its primary goal is to delve into the fundamental properties inherent in all natural human languages, exploring the intricate and multi-faceted aspects of human speech production and perception. The focus of this department extends across various dimensions, including understanding the structural composition of languages, deciphering cognitive processes in the brain, investigating language acquisition by both children and adults, analyzing language variations and evolutionary changes. It also focuses on examining how language functions in diverse cultural contexts and studying its usage in communication by individuals and groups. The department merges insights from both social and biological sciences by offering a comprehensive study terrain encompassing diverse fields of learning. It also incorporates a mathematical and computational orientation to scrutinize the underlying patterns within sets of language data. The department also





presents promising avenues in humanities, education, clinical fields, and data analysis, by fostering a deeper comprehension of human language and its myriad applications in society.

## Programs Offered

1. Integrated 5yr M.Sc. in Linguistics and Language Sciences
2. Ph.D. in Linguistics

## Faculty

Name	Designation	Area of Specialization
Dr. Dhanapati Shougrakpam	Assistant Professor	Morphology, Lexical Semantics, Sociolinguistics, Lexicography, Language Typology, Multilingualism, Field Linguistics and Language Documentation
Dr. Sharita Sharma	Assistant Professor	Sign Language Linguistics, Sign Language Interpretation, Neurolinguistics, Clinical Linguistics, Indian Sign Language, Deaf Studies, Disability and Rehabilitation Studies
Dr. Mahboob Zahid	Assistant Professor	General Linguistics Theory, Morphology & Morpho-Syntax, Field Linguistics, Language Documentation
Dr. Dhananjay Kumar Tiwari	Assistant Professor	General Linguistics, Language of the Law, Forensic Linguistics, Sociolinguistics, Language Teaching, Translation Studies

## Academic Activities

### Expert/Guest lecture

- Dr. Abhinav Kumar Mishra, Professor & Head, Clinical & Forensic Linguist, Department of Linguistics, Banaras Hindu University, Varanasi (UP "Forensic Linguistics: An Innovative Science." 26 July, 2023.

### Awards / Achievements

- Two Students of the First batch 2019, Xth Semester, cleared JRF and one cleared NET (December 2023)
- Two Students of the Second batch 2020, VIIIth Semester, cleared NET (December 2023)





## School of Life Sciences

### DEAN: PROF. CHANDI CHARAN MANDAL

The School of Life Sciences has been established in 2012 with an emphasis on interdisciplinary teaching and research in modern biology. The school now has twenty-four teaching staff and five supporting staff. In addition to this, a number of postdoctoral fellows are working in the department. In the current academic session, the school of Life Sciences has moved to its permanent building with a state of art laboratory for each faculty and central instrumentation facility in each department. In the new building, SLS also has modern seminar halls, an auditorium and smart class rooms.

#### Department

**Department of Biochemistry**  
**Department of Biotechnology**  
**Department of Microbiology**

### Department of Biochemistry

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

The Department of Biochemistry was established in July 2012. The department aims to ignite young minds, from different backgrounds, to understand the world of biochemical reactions through application-based learning. This learning would develop their reasoning power and train them for future career in research as well qualify highly competitive national level examination like CSIR-UGC NET, ICMR and GATE. More emphasis is given on understanding the subject rather than rote learning and the students are also encouraged to broaden their potential by opting for extra audit courses offered by other departments.

#### Programs offered

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

#### Faculty

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





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

## Academic Activities

### Extramural funding received

1. ICMR sanctioned more than 12 lakhs for a project on “Deciphering the influence of adipocyte- like subpopulation trans differentiated from breast cancer cells in tumorigenic activity and it's therapeutic potential”. Principal Co-Investigator – Prof. Chandi C Mandal.
2. A project on “ Conjugated approach for more effective Cu and Ru metal based molecular agents with enhanced anti-cancer potential and reduced side- effects” was awarded by DST-SERB worth INR 38 lakhs with the principal co-investigator being Prof. Chandi C Mandal.
3. Dr. Kiran Kumar Tejavath has a project from DST-SERB worth INR 30 lakhs titled “Studies on inhibition of SHP2/PTPN11 pathway to overcome chemo-resistance in PDAC using targeted combination therapy”.
4. DAAD sanctioned a project titled “Functional Genomics and Genome editing for Iron biofortification in pigeon pea” under the guidance of Prof Sanjib Kumar Panda. The project is worth INR 8.8 lakhs.

## Department of Biotechnology

### Head: Dr. Jay Kant Yadav

The Department of Biotechnology came into existence under the School of Life Sciences at Central University of Rajasthan in July 2011. The Master's program in Biotechnology was started as the flagship program of the department with immediate effect. In the following academic year, 2012-13, a Ph.D. program was introduced and then in academic year 2013-14 an integrated M.Sc. program was also initiated. The department





has well equipped laboratories for Ph.D., M.Sc. and integrated M.Sc. students. The department has a total of nine + two highly qualified and enthusiastic faculty members already on board. With continuous development and expansion of its scientific infrastructure and learned faculty, the department aims to become one of the shining beacons of the university and the nation in the near future.

### Programs offered

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

### Faculty

Name	Designation	Area of Specialization
Prof. Gajanan B. Zore	Professor	Fungal Biology and Plant Genetic Engineering
Dr. Pankaj Goyal	Professor	Molecular Medicine and Pregnancy Disorders
Dr. Jay Kant Yadav	Associate Professor	Protein Folding and Aggregation
Dr. Janmejay 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. Jayendra Nath Shukla	Assistant Professor	Insect Genetics and Molecular Biology
Dr. Khem Raj Meena	Assistant Professor	Lipopeptides biosurfactants and their applications
Dr. Gajendra Singh	Assistant Professor	Ubiquitin biology and Protein Biophysics
Dr. Surendra Nimesh	UGC FRP Assistant Professor	Nanotechnology based Drug and Gene Delivery
Dr. Vivek Verma	Ramalingaswami Fellow	Plant Stress Biology





## Academic Activities

### Extramural funding received

1. The department has received DBT PG teaching grant from the Department of Biotechnology, Govt. of India to support MSc. Biotechnology program at total cost of Rs. 180 Lakhs.
2. The department has received DST FIST grant from the Department of Science and Technology, Govt. of India in Level I program to strengthen the research facilities at total cost of Rs. 200 Lakhs.
3. The department has received the DBT BUILDER grant from the Department of Science and Technology, Govt. of India for advance research and education worth Rs. 476 Lakhs.
4. Various extramural funded-projects of Rs. 2242.18 lakhs are ongoing in the department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST- SERB etc.

### Equipment procured/Facility available during 2023-24

- |   |                                  |
|---|----------------------------------|
| • Mammalian Transfection System           | • Fermenter                      |
| • Bacterial Transfection System           | • Autoclave                      |
| • Stereozoomic Microscope                 | • Centrifuges                    |
| • Liquid N <sub>2</sub> storage container | • Flow Cytometer                 |
| • PCR                                     | • Lyophilizer                    |
| • UV-Vis Spectrophotometer                | • Analytical Balance             |
| • Refrigerated Centrifuge                 | • Computer Workstations          |
| • Green House                             | • Cooling Incubator              |
| • Shaking Waterbath                       | • Trans Blot                     |
| • Rotary Evaporator                       | • Deep Freezer                   |
| • Electrophoresis System                  | • Thermo Shaker                  |
| • Fluorescent Microscope                  | • Cold Cabinet                   |
| • Incubator Shaker                        | • Nanodrop                       |
| • Multigas Incubator                      | • Laminar Air Flow               |
| • Sonicator                               | • Fluorescence spectrophotometer |
| • Biosafety Cabinet                       | • Gel Doc System                 |





## Department of Microbiology

### Head: Prof. Inshad Ali Khan

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

### Programs offered

1. Ph. D. in Microbiology
2. M. Sc. Microbiology
3. Integrated M.Sc. Microbiology

### Faculty

Name	Designation	Area of Specialization
Dr. Inshad Ali Khan	Professor & Head	Clinical Microbiology focusing on the identification of new targets/ new compounds/ new target based assays against Mycobacterium tuberculosis and bacterial efflux pump inhibition
Dr. Pradeep Verma	Professor	Fermentation and Bioprocess





		Technology, Biofuels
Dr. Pawan Kumar Dadheech	Professor	Microbial diversity and phylogenetics, Metagenomics, Cyanobacterial bioprospecting, Cyanotoxins
Dr. Arvind Pratap Singh*	Assistant Professor	Antimicrobial resistance in non-clinical settings, Animal Microbiome
Dr. Akhil Agrawal	Assistant Professor	Petroleum microbiology, Metagenomics, Cyanobacterial biotechnology
Dr. Nidhi Pareek (On Lien)	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. Sagar S. Barale#	Assistant Professor	Infectious disease, Antimicrobial peptides, Antibiotic resistance and Structural Bioinformatics.
Dr. L Paikhomba Singha ##	Assistant Professor	Agriculture & Environmental Microbiology
<p>*Relived on 25<sup>th</sup> May, 2023.</p> <p># Joined at the post Assistant Professor on 06.04.2023</p> <p>## Joined at the post Assistant Professor on 15.05.2023</p>		

## Academic Activities

### Extramural funding received

1. 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).
2. Department of Science and Technology, Government of India (SERB) sanctioned INR. 09.60crore for project titled "Creation of ABSL-3facility at CURAJ under Rajasthan bio-cluster for infectious diseases, therapeutics and diagnostics" under guidance of Prof. Inshad Ali Khan & Dr. Deeksha Tripathi.





3. Various extramural funded-projects of INR 74.9 lakhs are ongoing in the department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB.

### Equipment procured/Facility

1. Compound Microscope	2. UV-Vis Spectrophotometer
3. Thermal Cycler PCR	4. Rota Evaporator
5. Refrigerated Centrifuge	6. Biosafety Cabinet
7. Shaking Water bath	8. Centrifuges
9. Electrophoresis System	10. Laminar Air Flow
11. Incubator Shaker	12. Thermo Shaker
13. Autoclave	14. Deep Freezer (-80° C & -20° C)
16. Analytical Balance	17. CO2 Incubator
18. Cooling Incubator	19. RT-PCR (LC-96)
22. FPLC	23. Distillation Unit
24. Inverted Microscope	

### Central Instrumentation Facility

1. Ultra Centrifuge (Beckman Coulter)
2. Fast Protein Liquid Chromatography (FPLC) System (GE Healthcare)
3. Photoautotrophic Culture Laboratory

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

1. Gel Doc TM XR System (Bio-Rad)
2. Thermo cycler PCR C1000 (Bio-Rad)
3. Distillation Unit (Merck)
4. UV-Visible Spectrophotometer (Shimadzu)
5. High Speed Centrifuge (Beckman Coulter)
6. Incubator shaker (Lab Tech)
7. Bioinformatics Laboratory

### Invited/Guest Lectures

1. Dr. Sumit Gandhi, Senior Principal Scientist, CSIR-IIIM, Jammu, delivered an invited talk on "**Understanding the secondary metabolism in medicinal**



plants" on 3rd Feb 2023.

2. Dr. Dheeraj Rathore, Assistant Professor, Central University of Gujarat on the topic of "**Ecosystem balance and Biodiversity**" on 6<sup>th</sup> October, 2023.

### Awards/Achievements

1. Prof. Pradeep Verma, Professor, received "JSPS Bridge Fellowship" in the area of "Fungal Microbiology" from Kyoto University, Japan 2024.
2. Prof. Pawan K. Dadheech, Professor, Received "Prof YSRK Sarma Memorial Award" in the area Microbial diversity and phylogenetics, Extremophilic cyanobacteria, Cyanotoxins Cyanobacterial bioprospecting from Society for Plant Research, India, 2023.
3. Dr. Deeksha Tripathi, Assistant Professor, award of International Research grant for a period of six months at UCL, London from SERB-SIRE-2022 (Visit at 27/9/2023 to 7/3/2024)

### Students Award/ Achievements

1. Ms. Sonal Sharma (2020IMSMB026) selected in M.Sc. Biotechnology course in IISER BHOPAL.
2. Ms. Bathula Aharnisha (2020IMSMB005) selected in M.Sc. Bioinformatics at Bioinformatics Centre, Savitribai Phule Pune University.
3. Mr. Kshitiz Meena (2020IMSMB014) selected in M.Sc. Biotechnology in IIT Bombay.
4. Mr. Durgam Tharun (2020IMSMB007) selected in M.Sc. Marine Biotechnology program at Goa University
5. Mr. Subha Biswas (2018IMSMB015) qualified NET-LS2023 in Life Sciences.
6. Mr. Shiv Prasad Charan (2018IMSMB026) Selected post Postal Assistant in Ajmer & salary package Rs. 27000/-.
7. Ms. Diksha Kumari (2022PHDMB003) selected for BAYER-MEDHA Scholarship-40,000/- from GOI & BCKIC.







## School of Mathematics, Statistics and Computational Sciences

### DEAN: PROF. D.C. SHARMA

The school strives to sensitize and train young students as future researchers in the frontier areas of applied fields, adopting a 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 for local and global need.

#### Department

Department of Computer Science

Department of Data Science & Analytics

Department of Mathematics

Department of Statistics

### Department of Computer Science

#### Head: Dr. Pawan Singh

Artificial Intelligence (AI) is a fascinating field of study in modern science and engineering faculties. Its aims are twofold: developing a theory for understanding intelligence and building programs that exhibit human-like behaviors. Since its inception 1956, this field has been studied as a core element of computer science and engineering programs around the world. It is envisioned that AI will remain a challenging field for the 21st century too. The M.Sc. Computer Science (Artificial Intelligence) is designed to provide a specialized program to train future generations of students in both theoretical and practical aspects of AI. This will be a rigorous study program at post graduate level covering both the depth and breadth of all relevant areas, and providing substantial research training. The aim is to produce graduates who will be leaders in the field and fulfil the needs in AI industry, research and academic organizations. The M.Sc. Computer Science (Artificial Intelligence) is a post graduate four-semester course spanning over two years duration started in the year 2010-2011. Subsequently, the department has started Int.M.Sc. Computer Science in the year 2013-14, M.Tech. in Computer Science with specialization in Cyber Physical System in the year 2017-18 and Ph.D. in Computer Science in the year 2012-13.

#### Programs offered

1. Ph.D.
2. M.Tech. (CPS)





3. M.Sc. (2 years Program)
4. Integrated M.Sc. (5 years program)

## Faculty

Name	Designation	Area of Specialization
Prof. Mamta Rani	Professor	Fractal Graphics and Chaos, Swarm Intelligence, Evolutionary Algorithms, Chaotic Cryptography, Vedic Sciences
Dr. Pawan Singh	Associate Professor & HoD	Vehicular Ad-hoc Network, Wireless Sensor Network, IoT, Deep Learning
Dr. Gaurav Meena	Assistant Professor	Machine Learning, Information Security
Mr. Raviraj Chaudhary	Assistant Professor	Machine Learning, Image processing, Algorithms
Dr. Krishna Kr. Mohbey	Assistant Professor	Data Mining, Mobile E-Commerce, Cloud Computing
Dr. Ajay Indian	Assistant Professor	Image Processing, Neural Networks, Data Mining
Dr. Abhay Kumar Rai	Assistant Professor	Algorithm Design, Computer Networks, Operating Systems, Social Network Analysis

## Project

- Dr. Abhay Kumar Rai received an ICSSR-sponsored research project ICSSR/RPD/MN/2023- 24/G/124, entitled "Development of a Computational Framework to Identify the Key Actors in Clandestine Networks" of Rs. 8 lacs.





## Department of Data Science and Analytics

### Head: Dr. Vidyottama Jain

The Department of Data Science and Analytics, started in 2018 in partnership with Tata Consultancy Services (TCS), under the school of Mathematics, Statistics and Computer Science with the vital objective to train students in the rapidly growing field of Data Science and Analytics and to nurture them as entrepreneurs and product developers. It offers M.Sc. (CS) Big Data Analytics and a full time Ph.D. program in Data Science and Analytics. The department has a diverse set of faculty members with strong backgrounds in Computer Science, Statistics and Mathematics to provide a comprehensive education to students and to produce research with a broad impact. From 2018-21, more than 131 students completed the degree program, and more than 80% of them were placed in many multinational companies.

### Programs Offered

1. M.Sc. (CS) Big Data Analytics (2 Years)

### Faculty

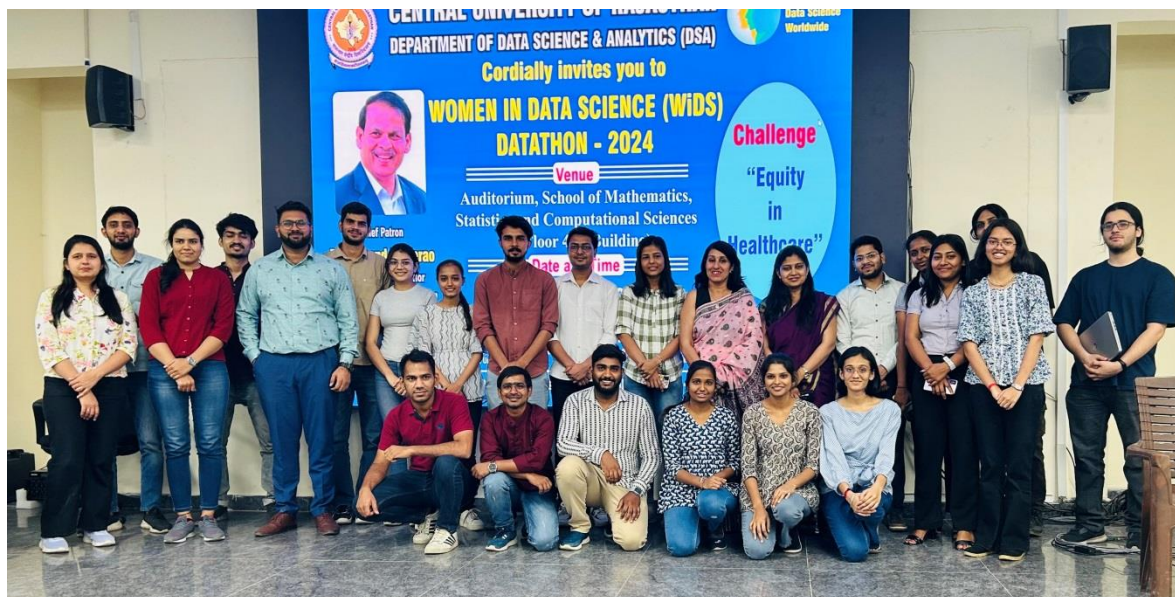
Name	Designation	Area of Specialization
Dr. Vidyottama Jain	Associate Professor & Head	Stochastic Modelling, Machine Learning, Wireless Networks
Dr. Nishtha Kesswani	Associate Professor	Internet of Things (IoT), Machine Learning, Wireless Networks
Dr. Pritpal Singh	Assistant Professor	Ambiguous Set Theory, Quantum Optimization Algorithm, Time- Series Prediction
Dr. Bhavna Saini	Assistant Professor	Data Mining, Bioinformatics Deep Learning, Cloud Security

### Academic Activities

#### Conference/ Workshop/Symposium organized

- One day Datathon-2024 was organized in collaboration with “Women in Data Science” Community on 3<sup>rd</sup> May, 2024





## Department of Mathematics

**Head: Prof. D.C. Sharma**

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

### Programs offered

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

### Faculty

Name	Designation	Area of Specialization
Prof. D. C. Sharma	Professor	Operations Research, Mathematical Programming, and Machining System





Prof. Jugal K. Prajapat	Professor	Complex Analysis, Geometric Function Theory, Planar Harmonic Mappings, Fractional Calculus
Dr. Anand Kumar	Associate Professor	Fluid Dynamics, Magnetohydrodynamics, Boundary Layer Theory
Dr. Vidyottama Jain	Assistant Professor	Fuzzy Optimization, Operations Research, Performance Analysis of Communication Systems
Dr. Ram Kishor	Assistant Professor	Celestial Mechanics, Dynamical systems, Nonlinear Dynamics and Chaos, Mission Design
Dr. J. P. Tripathi	Assistant Professor	Mathematical Ecology, Epidemiology, Nonlinear Dynamics, Dynamical Systems
Dr. Vijay Kumar Yadav	Assistant Professor	Fuzzy Set Theory, Fuzzy Topology, Fuzzy Automata Theory, Category Theory
Dr. Vipul Kakkar	Assistant Professor	Group Theory
Dr. Asha Kumari Meena	Assistant Professor	Computational, Methods for Hyperbolic Partial Differential Equations
Dr. Kamlesh Jangid	Assistant Professor	Fracture Mechanics, Smart Material, Piezo-electric Material, Magneto-electro-elastic Material, Strain-gradient Theory
Ms. Alka Choudhary	Assistant Professor (Guest Faculty, from 24/11/2022 to 26/05/2023)	Operations Research, Mathematical Programming, and Machining System



### Conference/ Workshop/Symposium organized

Organised a 3 day International Workshop on Celestial Mechanics and Dynamical Astronomy (IWCMDA-2023) during 06-08 January, 2023

### Extramural funding received

Various extramural funded projects of Rs. 2.20 lakh have been sanctioned by different agencies of the Government of India e.g., UGC, DST-SERB.

### Awards/Achievements

1. Dr. Ram Kishor is an Individual Member of International Astronomical Union (IAU), Paris, France.
2. Dr. Ram Kishor, selected as Visiting Associate of IUCAA, from 01.08.2022 to 31.07.2025 under the visiting associateship program of IUCAA, Pune (Maharashtra), India.

### Extracurricular activities

Celebration of Teachers Day 2021 on 5th September 2022.



## Department of Statistics

### Head: Dr. Deepesh Bhati

The Department of Statistics is one of the first two departments initiated alongside Mathematics by the Central University of Rajasthan, just after its establishment in the year 2009. The primary objective of the department is to provide quality education and promote theoretical, computational, and applied knowledge in the field of Statistics. This empowers students to pursue careers in academia, government sectors, private sectors, NGOs, etc. The department is actively involved in teaching and research, addressing significant issues in various areas such as Actuarial Science, Bayesian Statistics, Distribution Theory, Extreme Value Theory, Inference, Sampling Theory, Statistical Quality Control, Survival Analysis, Time Series Analysis, Big Data, Operations Research, and Non-Parametric Inference, among others. Moreover, the department





provides excellent employment opportunities for its alumni, including positions in government organizations such as ISS, UPSC, RBI, RPSC, UPSSSC, and prestigious 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 faculty members actively engage in executing research projects in collaboration with organizations like UGC, CSIR, and MOSPI, among others.

## Programs Offered

1. M.Sc. Statistics (2 Years)
2. Integrated M.Sc. Statistics (5 year)
3. Ph.D.

## Faculty

Name	Designation	Area of Specialization
Dr. Jitendra Kumar	Professor	Time Series, Policy Process Reengineering, Big Data
Dr. Arvind Pandey	Professor	Survival Analysis, Computational Statistics, Statistical Inference
Dr. Deepesh Bhati	Associate Professor and Head	Extreme Value Theory, Actuarial Statistics, Statistical Inference
Dr. Sanjay Kuamr	Assistant Professor	Sampling Theory, Multivariate Analysis, Statistics Inference
Dr. SatishKumar Kalapala	Assistant Professor	Operation Research and Stochastic Processes
Dr. Mahesh Barale	Assistant Professor	Statistical Quality Control, Non Parametric Inference, Multivariate Analysis
Dr. Saurabh Kumar	Assistant Professor	Time Series analysis, Bayesian inference

## Conference/ Workshop/Symposium organized

- One day Alumni Lecture Series on Birth Annivarsary of Late Prof. V.K. Srivastva organized on 12<sup>th</sup> Sep, 2023.







## School of Physical Sciences

### DEAN: PROF. MANISH DEV SHRIMALI

The Department of Physics of Central University of Rajasthan was established in the academic year 2011-12 to offer a 2-years M. Sc. Physics program with an intake capacity of 20 students. The department has excellent state-of-art laboratories for the undergraduates, for post graduate teaching as well as for research. The department follows the best teaching practices in the core area of physics with a motto of learner centric teaching and gives exposure to students about latest research through summer internships/projects and a semester long research project.

#### Department

Department of Physics

### Department of Physics

#### Head: Prof. Manish Dev Shrimali

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

#### Programs offered

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





## Faculty

Name	Designation	Area of Specialization
Prof. Manish Dev Shrimali	Professor	Nonlinear Dynamics and Chaos
Dr. Ajit Kumar Patra	Associate Professor	Magnetism and spin-dependent transport in nanoscale structures
Dr. Rajneesh Kumar Verma	Assistant Professor	Surface Plasmon Resonance Photonics
Dr. Neeraj Panwar	Assistant Professor	Multiferroics and Lead-free Piezoelectrics, Exchange-Bias, Magnetization reversal
Dr. Sukhmander Singh	Assistant Professor	Plasma waves, instabilities, and electric propulsions
Dr. Brijesh Kumar Singh	Assistant Professor	Optical phase singularity, laser beam shaping
Dr. Rakesh Kumar	Assistant Professor	Correlated quantum many-body systems, Topological phases
Dr. Yugandhar Bitla	Assistant Professor	Experimental Condensed Matter Physics
Dr. Sandeep Kumar	UGC FRP Assistant Professor	Experimental condensed matter physics
Dr. Siddharth Dwivedi	Assistant Professor	Theoretical High Energy Physics, Mathematical Physics.
Dr. Kuldeep Suthar	Assistant Professor	Strongly Correlated Quantum Many-Body Systems, Ultracold atoms

## Extramural funding received

- Various extramural funded projects of Rs. 77.35 lakhs are ongoing in the department sanctioned by different agencies of the Government of India e.g. DST-SERB, UGC, SPARC etc.

## Equipment Procured/Facility Available

### Departmental Laboratory facilities

1. **Integrated Lab I & II:-** Flywheel, Bar Pendulum, Katter's Pendulum, Spring Constant, Planck's Constant, Stokes, Torsional Pendulum, Voltage regulator, Verification of truth tables of logic gates through IC 7400 and 7402, Half adder, the value of g by digital timing technique, Maxwell Needle, Coefficient of a friction-inclined plane, e/m by Thomson method, Stefan constant,





Tangent Galvanometer, Lee's Disc, p-n Junction diode, LCR apparatus, De-Sauty Bridge, Anderson Bridges, Rectifier, Faraday's laws apparatus, Sextant, BCD Decoder and Encoder, Charging and discharging of capacitor, Carey-foster bridge, Transistor input-output characteristics, Planck's constant using LED of 4 different color. Measurement of high resistance and low resistance, Thermal relaxation of the bulb, Thermocouple of silicon, Frank hertz experiment, Dielectric constant of parallel capacitor, Poisson ratio of rubber, Melde experiment Platinum resistance thermometer, Thermo emf, Young modulus bending beam double cantilever system, Viscosity of liquid by stoke's method, Lissajous figure.

2. **Optics Lab:-** Newton ring, Babinet compensator, Spectrometer kit, Optical rotation of optically active substance, Michelson Interferometer, Laser diffraction, Faraday rotation of light, Fresnel Bi-prism, Light runner
3. **Electronics Lab:-** Verification of characteristics and excitation table of flip-flop on a breadboard, Microcontroller 8051 and Microprocessor 8085, ADC, DAC, applications of Universal Gates, Counter and registers, Multiplexer and demultiplexer on a breadboard, V-I characteristics of UJT, V-I characteristics SCR, V-I characteristics Tunnel diode, V-I characteristics, FET, V-I characteristics MOSFET, V-I characteristics DIAC, V-I characteristics TRIAC, Multi-vibrator on a breadboard, IC, applications of IC-741
4. **Physics Lab:-** B-H curve, Millikan oil drop, Curie Weiss Law, Measurement of the dielectric constant of a capacitor, Hall effect, solar cell V-I characteristics, Quincke's Tube, Zeeman Effect, Four probe experiment, electron diffraction, Tabletop XRD, Scanning Tunneling Microscope.

### Research and Central Instrumentation Facilities:

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





4. **Computational Condensed Matter Lab:** Tyrone AI Workstation for simulation of Condensed Matter Model systems featuring the phenomena: superconductivity, frustrated magnetism, topological insulators.

## Conference/Webinar

1. International Symposium on Materials Science 2024 (ISMS-2024) organized from 11 to 12 March 2024.

**International Symposium  
on  
Materials Science 2024  
(Hybrid mode)**

**ORGANIZED BY**



**Department of Physics  
Central University of Rajasthan  
ISMS 2024**

**DATE: March 11-12, 2024**  
Registration Link:  
<https://forms.gle/bUGysyApicDDZYuMA>



**Patron**  
Prof Anand Bhalerao (Vice Chancellor, CURAJ)

**Advisor**  
Prof Manish Dev Shrimali (Dean SPS)

**Convener**  
Dr. Neeraj Panwar, Dr. Yugandhar Bitla,  
Dr. Rajendra Pawar

**Organizing Committee**

Prof. M. D. Shrimali	Dr. Sandeep Kumar
Prof. A.K. Patra	Dr. Yugandhar Bitla
Dr. Neeraj Panwar	Dr. Siddarth Dwivedi
Dr. Sukhmander Singh	Dr. Kuldeep Suthar
Dr. Brijesh K. Singh	Dr. Rajendra Pawar
Dr. Rakesh Kumar	Dr. Vishnu Kumar

**Invited speakers (Tentative)**

Prof. Andrei L. Kholkin, University of Aveiro, Portugal  
 Prof. Shahzada Ahmad, University of Basque, Spain  
 Prof. Ramphal Sharma, IIS Deemed to be Uni., Jaipur  
 Prof. Vivek Kumar Malik, IIT Roorkee  
 Prof. Tokeer Ahmad, JMI New Delhi  
 Prof. Mahesh Kumar, IIT Jodhpur  
 Prof. Varj Panwar, Graphic Era University, Dehradun  
 Prof. Subhasish Ghosh, JNU Delhi  
 Dr. Anil Jain, BARC Mumbai  
 Dr. Pankaj Poddar, CSIR-NCL Pune  
 Dr. Srinibas Satapathy, RRCAT Indore  
 Dr. Pardip Kumar, CSIR-AMPRI Bhopal  
 Dr. Ajeet Kaushik, Florida Int. University, USA  
 Dr. Satya Kushwaha, Johns Hopkin University, USA  
 Dr. Dattaray Dhawale, CSIRO Energy Australia  
 Dr. Kiran Shinde, Hanbat National University, S. Korea

**About the Symposium**  
The symposium aims to provide insights about latest developments in the frontier research areas in Materials Science which is one of the most diverse fields with challenges posed by all walks of life. The research and development in materials science has witnessed exponential growth during the last few decades calling for frequent interactions between researchers and academicians. The symposium will also serve as a platform for the researchers working in materials science to present their research work and develop future collaborations.

**About the University**  
Central University of Rajasthan was established in 2009 and is fully funded by the Government of India. The university is one of India's most dynamic and vibrant universities accredited with 'A++' NAAC grade and Category-I University by UGC, New Delhi.

**About the Department of Physics**  
The Department of Physics, Central University of Rajasthan was started in 2011 under the School of Physical Sciences with a 2 year M.Sc. program. In a very short span of time, the department started Int. M.Sc.(5Y), Int. M.Sc. B.Ed. (3Y) and Ph.D. programs. At present, there are 12 faculty members in the department with specialization in materials science, optics, plasma, nonlinear dynamics, high energy and theoretical physics. The department has several ongoing research projects funded by various funding agencies. The department has developed collaborations at National and International levels.

2. Viksit Bharat@2047 activities organized during 11-22 Dec. 2023



**Central University of Rajasthan**

**Category-I University**










**#IDEAS4VIKSIT BHARAT@2047**

**TWO WEEKS SCHOOL LEVEL ACTIVITIES - 2023**

**School of Physical Sciences**



**Prof. Anand Bhalerao**  
Hon'ble Vice Chancellor

**Prof. Manish Dev Shrimali**  
Dean, SPS

**Dr. Kuldeep Suthar and  
Dr. Rajendra Pawar**  
Co-ordinator

1. Group discussion on Nanotechnology, Semiconductor, Green Fuels and Academia-Industry Partnership.
2. Various activities on Innovative Ideas.
3. Themes on Science and Technology.

**Date & Time: 11 to 22 Dec. 2023 at 4:00 pm**  
**Venue: Room No. 213, 1<sup>st</sup> Floor, 4A6 Building**  
**SPS, CURaj Campus**

**Note: Participant will get appreciation certificate**

## Awards/Achievements/Placements

1. Students qualified JRF: Pratham Dadhich (2022MSPH021), Vikash Ganwariya





- (2022imsbph028), Gautam Burdak (2019imsph012)
2. Zubair Mansoori (2021MSPH021) qualified for NET.
  3. Students qualified GATE: Sumit Yadav (2022IMSBPH023), Sumit Kotwal (2019IMSPH8), Nitish Soni (2021IMSBPH013), Krishna Kumar Godara (2018IMSPH011), Navita (2021IMSBPH012), Ashish Gupta (2022MSPH003), Akanksha Singhal (2021MSPH004), Zubair Mansoori (2021MSPH021), Rahul Garg (2019IMSPH024), Aditi Agrawal (2021IMSBPH001),
  4. Students qualified IIT JAM: Sumit Kumar (2021IMSPH021)
  5. Students qualified JEST: Pratap Singh Purohit (2020IMSPH022), Shaurya Srivastava(2021IMSPH017), Gaurav Singh Chauhan (2018IMSPH007), Sumit Kumar (2021IMSPH021)
  6. Students joined the M.Sc. program at IITs: Sumit Kumar (2021IMSPH021)
  7. Students joined as RPSC School lecturer: Pankaj Choudhary (2018IMSBPH016) Harshvardhan Singh (2018IMSBPH002) Aviral Khandelwal (2018IMSBPH003)
  8. Students joined as EMRS PGT: Shivam Garg (2020IMSBPH023)





## School of Social Sciences

### DEAN: PROF. JAGDISH JADHAV

The School of Social Sciences has five major innovative academic departments: Public Policy, Law and Governance, Economics, Social Work, Media and Culture Studies and Department of Society-Technology Interface. 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 academic work. Project grants amounting to more than 50 lakhs have been accrued by very talented faculty members of the school from various external agencies like National Commission for Women (NCW), DST, UGC-MRP and ICSSR. In the Academic Year (2017-18). Two new academic programs have been launched like a Two-Years Master's Program on Digital Society and a One-year PG Diploma in Cultural Informatics in the School. These PG programs are specialised inter-disciplinary courses linking both the academic trends of Social Sciences and Digital Technology.

#### Department

**Department of Culture & Media Studies**

**Department of Economics**

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

**Department of Social Work**

**Department of Society-Technology Interface**

### Department of Culture and Media Studies

#### Head: Prof. Amitabh Srivastava

The Department of Culture and Media Studies started its academic journey in July 2011 under the School of Social Sciences. It was established to nurture new fields of enquiry in the domain of interdisciplinary media, cultural, and communication studies in India by training young minds through teaching and research. The curriculum is designed to enable the students to understand the inter-relation between media and culture that shapes the individuals and communities and is in turn shaped by them. The department aims to prepare the students to enter the world of media and cultural studies with a critical perspective and analytical mind through an introduction to various media technologies, practices, and narratives. The department equips the students to handle media technologies and to inculcate journalistic skills and values. Through an interdisciplinary approach, the department builds a foundation for students to produce cutting edge documentaries, films, videos, photographs, and other forms of creative expression. Students are acquainted with media industries and organizations through internship, industrial visits, conferences, workshops by prominent visiting faculty and professionals. They are enabled to handle media equipment and techniques that would help them secure a place in media industry, research organizations, and educational





institutions. The department stands for 'Communication for a Meaningful Society'.

## Programs offered

1. Ph. D. in Culture and Media Studies
2. M. A. in Culture and Media Studies
3. PG Diploma in Media Writing and Digital Communication

## Faculty

Name	Designation	Area of Specialization
Prof. Amitabh Srivastava	Professor	Script Writing, Journalism, Film Studies, Development Journalism
Dr. Pranta Pratik Patnaik	Assistant Professor	Media Studies, Cultural Studies, Gender and Sexualities
Dr. Nicholas Lakra	Assistant Professor	Intercultural Communication, Journalism, Content Analysis
Dr. Neeru Prasad	Assistant Professor	Cyber Journalism, Print Media, Layout and Designing.
Dr. Anoop Kumar	Assistant Professor	Digital Journalism, Social media, Media & Information Literacy, Mis/Disinformation Studies, Development Communication, Photography, Video Production, Qualitative Research.

## Academic Activities

### Expert/Guest lecture/seminar/Visit

Name	Event	Date
Prof. Mrinal Chatterjee, IIMC, Dhenkanal, Odisha	An interactive session on Development Communications and Journalism with the students of MAMCS.	23-01-2024 (11am-01pm)
Prof. Mrinal Chatterjee, IIMC, Dhenkanal, Odisha	An interactive session on 'Research Methodology' with the PhD scholars of the department.	23-01-2024 (3-5pm)





### **Conference/Workshop/Symposium organized:**

- A capacity-building workshop on Low Carbon Sustainable Development for media students was organized by the Centre for Media Studies (CMS), New Delhi in association with the Department of Culture and Media Studies, Central University of Rajasthan on 16-17 October, 2023. This was supported by Australian High Commission.

### **Extracurricular activities**

- A photography competition on the theme of 'Viksit Bharat' for the students for School of Social Sciences was organized by the Department. All photographs submitted were digitally exhibited and judged in CMS Media Lab on 20 December, 2023.
- Health Communication campaign by the Students of MACMS (batch 2022) on health and hygiene by showing posters and videos to the children at KV School, C.U. Rajasthan under the project of SCIENCE & HEALTH COMMUNICATION (CMS534).

## **Department of Economics**

### **Head of the Department: Dr. Hemlata Manglani**

The Department of Economics was established in year 2010. The Department's curriculum emphasizes a comprehensive approach to both theoretical and quantitative analysis. The primary objective of the master's program is to equip students with a robust understanding of economic theories and analytical tools, preparing them for application in key areas of economic analysis. The Department strives to ensure that students gain a deep understanding of the principles, theories, and practical applications of Economics, fostering their ability to effectively analyze and interpret economic phenomena. The primary research areas encompass Environmental and Climate Change, Sustainable Development Goals, International Trade, Growth and Development Studies, Microfinance, Gender Studies, and Industry and Finance. These focus areas aim to address pressing global challenges, promote sustainable development, and drive economic growth while fostering a deeper understanding of microfinance dynamics, gender issues, and industrial and financial systems. The Department has a strong track record of success, having produced exceptional undergraduate, master, and doctoral students who have secured prestigious positions in various fields. Our alumni are employed in the Indian Administrative Services, as Assistant Statistical Officers in Rajasthan, Assistant Professors in academic institutions, Research Associates in leading research institutes and as consultants in corporate. Additionally, many of our students have successfully cleared national-level exams such as NET-JRF GATE, JEST and CTET demonstrating the high caliber of education and training they receive.





## Programs offered

1. Ph.D. in Economics
2. M.A. Economics
3. Integrated M.Sc. Economics
4. M.Sc. B.Ed. (Innovative) Economics

## Faculty

Name	Designation	Area of Specialization
Dr. Hemlata Manglani	Associate Professor	Micro Economics, International Trade, Growth
Dr. Pragati Jain	Assistant Professor	Environmental Economics, Development Studies
Dr. Satyanarayanmurty Dogga	Assistant Professor	Macro Economics and Finance, Monetary economics
Dr. Suresh Kumar Patra	Assistant Professor	Macroeconomics, Finance and Econometrics
Dr. Babloo Jakhar	Assistant Professor (contractual)	Labour Economics, Macroeconomics and Econometrics
Dr. Shakuntala Yadav	Assistant Professor (contractual)	International Trade, Microeconomics
Ms. Arpita Meena	Assistant Professor (contractual)	Finance, Environmental Economics

## Academic Activities

### Panel Discussion on Voice of Youth @Viksit Bharat on 14 December 2023

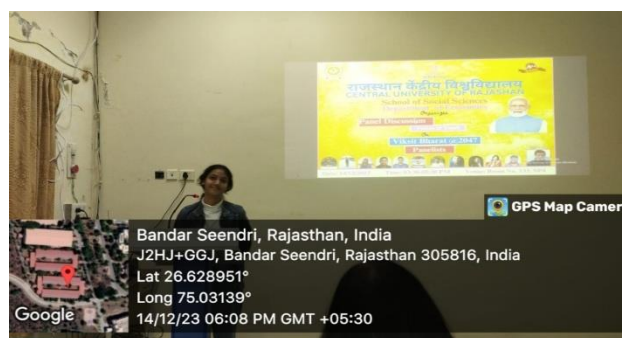
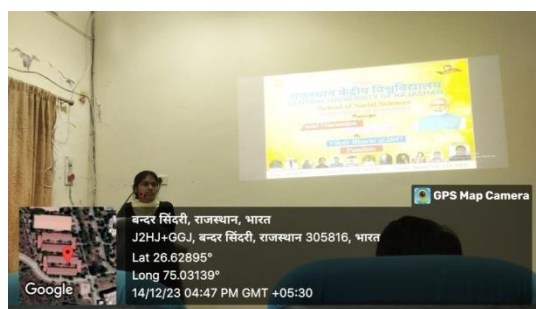
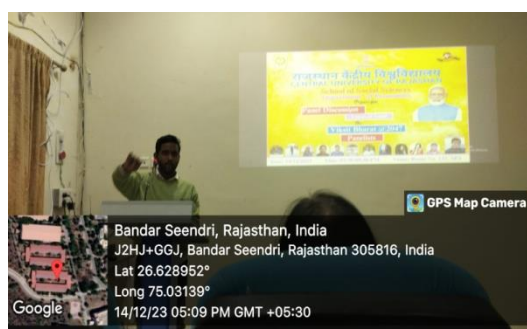
The Department of Economics organized a Panel Discussion on "Viksit Bharat@2047: Voices of Youth" on December 14, 2023. The event commenced at 3:30 PM and continued until 7:15 PM. A diverse group of 12 student panelists from Ph.D. scholars, undergraduate (UG) and postgraduate (PG) programs (Semester IX, Semester I, Semester III, and Semester V) contributed to the discussion. Faculty members, including Dr. Hemlata Manglani, Dr. Satyanarayanmurty Dogga, Dr. Babloo Jakhar, and Dr. Arpita Meena, also





joined as panelists, adding depth to the conversation. Mr. Abhinav Bhardwaj, a Semester IX student, moderated the session.

The panel explored key themes related to Environmental Sustainability and Green Growth, as well as Economic Growth and Development. Topics included manufacturing growth, workforce participation, innovation, research and development, start-ups, Make in India, Atmanirbhar Bharat, multidimensional poverty, income inequality, and the Happiness Index. Comparative discussions were made about India's economic position relative to nations like Japan, Germany, China, and the United States, with a focus on setting clear goals for India to achieve by 2047. India's impressive progress since 2015, particularly in the Global Innovation Index (GII) and Ease of Doing Business, was highlighted as a cornerstone for future growth. The panel concluded that India's status as the largest consumption hub presents immense opportunities for investors. Increasing consumption will drive economic growth, but this is dependent on raising income levels. Addressing macroeconomic inequality was emphasized as key to fostering higher investment, innovation, manufacturing growth, and retaining skilled talent, ultimately boosting the Indian Rupee and attracting global capital flows.



### Debate Competition on “Self- Reliance: A New Paradigm for Economic Growth And Development.

The Department of Economics organized a Debate Competition on September 22, 2023, as part of the Foundation Day celebrations of the Economic Society. The competition saw enthusiastic participation from students across various programs within the Department of Economics as well as other departments. A total of 15 students competed, showcasing their analytical skills and debating prowess. Among them, three students were recognized





and felicitated for their outstanding performances.



### **Interaction with Prof. Chattopadhyay, IIM Indore and Prof. Murali Prasad, IIT Kanpur**

An Interactive Session with Prof. Chattopadhyay from IIM Indore and Prof. Murali Prasad from IIT Kanpur was held on December 7, 2023. The event was honored by the presence of Prof. Jagdish Jadhav, Dean of the School of Social Sciences, and Prof. S.N. Ambedkar, along with other esteemed faculty members. A total of 50 students participated, engaging with the distinguished speakers and gaining valuable insights through the discussion.







### Community Outreach activity on 27<sup>th</sup> October 2023

The Department of Economics conducted a community service activity under the "Swachhta Hi Sewa" mission on October 27, 2023. A total of 50 volunteers participated enthusiastically in the event. Students from the Economics batches of 2019, 2020, and 2022 were actively involved. Ph.D. scholars of the department coordinated each group, overseeing the cleanliness efforts.



### Awards/Achievements

The following students have qualified UGC NET/JRF:





Name	Enrollment No.	Program	Semester	Role No.	UGC NET/JRF
Mr. Manobal Kumar	2021IMSBEC015	M.Sc. B.Ed. (Innovative) Economics	VI	RJ11004881	NET
Ms Yashi Sharma	2022IMSBEC020	M.Sc. B.Ed. (Innovative) Economics	IV	RJ06023450	NET
Mr. Kshitiz Meena	2019IMSEC010	Integrated M.Sc. Economics	X	RJ01004109	NET
Mr. Ravindra Dan	2019IMSEC019	Integrated M.Sc. Economics	X	RJ01004211	NET
Mr. Ramswaroop	2021IMSBEC002	M.Sc. B.Ed. (Innovative) Economics	VI	XH24S33021109	GATE AIR190
Mr. Harsh Pareek	2020IMSBEC020	Integrated M.Sc. Economics	VIII	XH24S33028094	GATE AIR333
Mr. Ravindra Dan	2019IMSEC019	Integrated M.Sc. Economics	X	XH24S33001119	GATE AIR 295
Mr. Sharad Kumar	2020IMSBEC025	Integrated M.Sc. Economics	VIII	XH24S33001079	GATE AIR475
Mr. Ansar Hussain	2021IMSBEC004	M.Sc. B.Ed. (Innovative) Economics	VI	XH24S33001139	GATE AIR1176

## Students Placements and Progression





Name	Program	Enrolment no	Semester	Organization & Designation
Mr. Manobal Kumar	2021IMSBEC015	M.Sc. B.Ed. (Innovative) Economics	VI	PhD Scholar at Birla Institute of Technology, Pilani
Mr. Ramswaroop	2021IMSBEC002	M.Sc. B.Ed. (Innovative) Economics	VI	Assistant Professor, Govt. Girls College, Sardar Shahar
Mr. Bhageshwar Bharati	2021IMSBEC008	M.Sc. B.Ed. (Innovative) Economics	VI	PGT Jawahar Navodaya Vidyalaya, Lucknow
Mr. Khushal Singh	2021IMSBEC012	M.Sc. B.Ed. (Innovative) Economics	VI	Cleared Central Armed Police Force (CAPF)-All India Merit-119

## Extra Curricular Activities

### SRIJAN 2023-24

Following Students of Economics won awards and positions in SRIJAN 2023-24.

Students Secured Positions under Cultural Events			
Name	Enrollment No	Event	Position
Karan C Tomy	2023IMSBEC005	Mime	First
Hardik Verma	2022IMSBEC008	One Act Play	First
Kareena Poonia	2021IMSEC018	Monologue	Third
Anandita Dubey	2021IMSEC007	Poetry	Second
Abhinav Bhardwaj	2019IMSEC001	Hindi Debate	First
Kavita	2022MAE007	ESSAY English	First
Kareena Poonia	2021IMSEC018	Folk Dance Solo	Third
Kareena Poonia	2021IMSEC018	Western Dance Solo	Third
Anandita Dubey	2021IMSEC007	Folk Group Dance	First
Shradha Srivastava	2022IMSBEC017	Western Group Dance	Second

### Students Secured Positions under Sports Events





Name	Enrollment No	Sports Category	Position
Bajrang Jakhar	2021IMSBEC007	Basketball	First
Amit Manohar Sharma	2019IMSEC003	Basketball	First
Anuj Badyal	2022IMSEC007	Basketball	First
Gopal Yadav	2020IMSEC010	Basketball	First
Piyush Nagal	2022IMSEC021	Basketball	First
Kunal Choudhary	2022IMSEC015	Basketball	First
Chetan Choudhary	2022IMSEC009	Basketball	First
Kaushal Kumar	2021IMSEC021	Basketball	First
Rahul Kumar	2023IMSEC021	Basketball	First
Raunak Kumar Samal	2022IMSEC034	Badminton Boys	Second
Kshitiz Meena	2019IMSEC010	Badminton Boys	Second
Karnidan Arha	2023IMSEC018	Table Tennis	Second
Anuj Badyal	2022IMSEC007	Table Tennis	Second
Sagar Mishra	2019IMSEC021	Kabaddi Boys	First
Ajay Kumar Verma	2022IMSEC003	Kabaddi Boys	First
Vijay Pal	2022IMSEC026	Kabaddi Boys	First
Anuj Badyal	2022IMSEC007	Kabaddi Boys	First
Piyush Nangal	2022IMSEC021	Kabaddi Boys	First
Rahul Choudhary	2023IMSEC021	Kabaddi Boys	First
Nithesh	2022IMSEC019	Kabaddi Boys	First

## Department of Public Policy, Law and Governance

### Head: Prof. S. Kandasamy

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

### Programs Offered

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

### Faculty





Name	Designation	Area of Specialization
Prof. S. N. Ambedkar	Professor	Local Governance, Rural Development, Indian Government and Administration
Dr. S. Kandasamy	Associate Professor	Cyber Law, Intellectual Property Law, International Law, and Human Rights Law.
Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Governance, Budgeting and Budgetary Processes in South Asia
Dr. C. Jeevan Kumar	Assistant Professor	Public Policy, Public Sector Management, Governance, and Leadership, E-governance
Dr. Sudhir Kumar Garhwal	Assistant Professor	International Relations, Regional Security Complex Approach, Geopolitical Issues of South and Central Asia, Comparative Politics

### Guest Lectures

Date of Lecture	Topic of Lecture	Speakers
11-10-2023	Legal Control of Cyber Crimes in India: Problems and Prospects	Prof. Vijaykumar Shrikrushna Chowbe Former Vice Chancellor, S.G.B Amaravati University
15-09-2023	Ethics in Public Services	Shri. V. Srinivas, Indian Administrative Services, Secretary to Government of India
15-07-2023	Success Mantra for Competitive Examinations	Prof. B.M Sharma, Former Chairman, RPSC; Dr. S.S. Rathore, Former Chairman RPSC; Prof. R.S. Kangarot, Expert

### Students' Internship (2023-2025)

Name	Organisation name	State	Duration
Jitendra Singh Bishnoi	Bharat Krishak Samaj New Delhi	Delhi	60 days
Manoj Kumar	SDM Office, Sangaria, Hanumangarh	Rajasthan	30 days
Sneha Tudu	Integrated Tribal Development Agency, Nilgiri	Odisha	30 days





Bharat Meena	HNM Welfare Foundation, Jaipur	Rajasthan	14 days
Drishti Jain	Integrtaed Child Development scheme, Shivpuri	Madhya Pradesh	30 days
Hansa Choudhary	EMPBindi International Association,	Rajasthan	30 days
Ravina Choudhary	Om Janak manav Sewa Samiti, Tonk	Rajasthan	30 days
Robin Singh	HNM Welfare Foundation, Jaipur	Rajasthan	15 days
Sharda Choudhary	EMPBindi International Association,	Rajasthan	30 days
Sugandha Kumari	Social Warriors Foundation	Bihar	30 days
Suman	Zila Parishad, Narnaul	Haryana	30 days
Shail Yadav	HNM Welfare Foundation, Jaipur	Rajasthan	15 days

### Extra-Mural Funding received

Dr. Gyana Ranjan Panda has received a project grant under DST as Co-Principal Investigator amounting to INR 27.00 lakhs for the establishment of Centre for Policy Research in School of Social Sciences.

### Faculty Achievements:

Prof. S. Kandasamy has completed Two Weeks Onlne Faculty Develoment Pogramme (28 Feb-15<sup>th</sup> March 2024) on Ethical Hacking& Cyber Security organized by EduxLabs in association with Mechanica IIT Madras.

Prof. S. Kandasamy has completed an online –non-credit course authorized by Universiet Leiden and offered through Coersera, May 29,2024.

Prof. S. Kandasamy has completed an online –non-credit course “AI in Education” authorized by University of Glasgow and offered through Coersera, May 31, 2024.

Prof. S. Kandasamy has completed an online –non-credit course “Philosophy of Science” authorized by University of Pennsylvania and offered through Coersera, May 12, 2024.

Prof. S. Kandasamy has completed an 4 Credit online credit course “Academic Writing” in Swayam Online Course Cerification, May, 2024 offered by Dr. Ajay Semalty of HNB Garhwal University.





## Department of Social Work

### Head: Dr Dandub Palzor

Department of Social Work is established in the year 2012 under the School of Social Sciences. The department is committed to advancing human potential, skill development, social justice, equality of opportunity, respect for diversity, and the creation of a just society free from any forms of discrimination.

The Department endeavors to produce skilled and trained social work professionals who are socially significant, globally competent and locally relevant through creative teaching pedagogy, cutting-edge research and practice. The department's four primary areas of responsibility are as follows: first, teaching, which includes awarding degrees in accordance with the motto "education for sustainable development". The second is application, which involves using field laboratories and programmatic interventions to put the theory into practice. The third category is research, which comprises dissertations by students that are supported by empirical data. Field action projects are included in the fourth area, which is an extension.

### Programs Offered

1. PhD in Social Work
2. Master of Social Work (MSW)

### Faculty

Name	Designation	Area of Specialization
Prof. Jagdish Jadhav	Professor	Natural Resource Management, Social Skill Training, Community Development, Social Advocacy
Dr. Dandub Palzor	Assistant Professor	Social Work, Gender Equality, Qualitative Research, Indigenous People & Health, Public Health Issues
Dr. Atiq Ahmed	Assistant Professor	Neuro-Psycho-Oncology, Health Accessibility among Rural and Urban, Medical Social Work
Dr. Shaizy Ahmed	Assistant Professor	Ageing, Community Work, Higher Education, WASH Management, HRM
Dr. Rajeev MM	Assistant Professor	Child and Youth Development, Disaster Management, Environment Issues, PRI





## Academic Activities

### Expert/Guest Lecture/Seminar/Visit

Sl. No.	Name	Designation	Topic	Date
1.	Dr. Guneet Inderjit Kaur	Assistant Professor, Department of Sports Psychology, Central University of University	Emotional Intelligence	9 <sup>th</sup> August 2023
2.	Dr. Abdul Azeez EP	Assistant Professor of Social Work, Department of Social Sciences. School of Social Sciences and Languages, Vellore Institute of Technology (VIT), Vellore, Tamil Nadu	Palliative Care and Social Work	13 <sup>th</sup> September 2023
3	Mr. Ravikant Sihag	Programme Associate, The Immunization Technical Support Unit (ITSU), Ministry of Health and Family Welfare	Job Perspectives and Social Work	3 <sup>rd</sup> October 2023

### Workshop/Webinar/ E-Conferences/ Seminars/Conferences

1. Department has organized a 2-day Regional Workshop on “Promoting Active Aging through Care & Empowerment”, on 21.03.2024 & 22.03.2024 in collaboration with National Institute of Social Defence (NISD), New Delhi.
2. Department has organized an Alumni Talk on World Social Work Day on 19<sup>th</sup> March, 2024 with Dr. Md. Tabrez Alam (2012-14 Batch).

### Students' Participation in Cultural & Sports Activities:

1. Mr. Ibrahim Ibnu Ummer, Semester III has participated in Football tournament during Annual Fest SRIJAN 2023-2024 at Central University of Rajasthan.
2. Mr. Kamal Pratap Singh, Mr. Pankaj Singh Rawat and Mr. Pradeep Panchal, students of semester III participated in NSS Parade at the Inaugural session of Annual Fest SRIJAN 2023-2024.

### Extension activities:

1. Department hosted a visit cum interaction of students and teachers from





University of Applied Sciences, Erfurt, Germany and Jamia Millia Islamia (JMI), New Delhi on 04.03.2024 to 05.03.2024.

2. Five students (3 Girls and 2 Boys) from the batch 2022-24 had participated in National Youth Festival organized by Sasakawa India Leprosy Foundation (S-ILF) from 26<sup>th</sup> January to 29<sup>th</sup> January 2024 in Bhopal, M. P.
3. Students of Social Work engaged in field-based learning activities in neighborhood communities of the University. In order to foster the development and well-being of the community, they organized a number of events, including the promotion of self-help groups, life skills instruction for children from disadvantaged families, awareness campaigns on mental health, Adolescents' health and hygiene, and other government initiatives. .







## Department of Society-Technology Interface

### Head: Dr. Kumar Sambhav Pareek

The Central University of Rajasthan introduced a new interdisciplinary academic department in the year 2018, Department of Society-Technology Interface (DSTI) to cultivate research and teaching to the post-graduate and research students from diverse educational backgrounds by linking two advanced streams of knowledge - Science and Technology and Social Sciences to look for better career opportunities and stay competitive. Indian society and economy is completely transformed owing to the intrinsic role played by ICTs. We now stand at the brink of data-driven transformation where these data can be harnessed to derive meaningful insights that can help business organizations, government, science, technology and various other fields for better functioning. Data science, or data-driven science, is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from data in various forms for the purpose of decision making. The need to translate the impacts of data sciences and digital technologies on the society, polity, politics, culture, the policy has driven the formation of this department.

The department provides two very innovative programs to the students and academic community, the first time ever in any Indian university: a two year M.Sc. in Digital Society and a two year M.A. in Cultural Informatics. While M.Sc. in Digital Society started with an active academic collaboration with International Institute of Information Technology (IIIT), Bangalore, M.A. in Cultural Informatics started in collaboration with Indira Gandhi National Centre for the Arts (IGNCA), New Delhi.

### Programs offered

1. M. Sc. in Digital Society
2. M.A. in Cultural Informatics

### Faculty

Name	Designation	Area of Specialization
Dr. Kumar Sambhav Pareek	Associate Professor	Public Policy Analysis; e-Government; ICT Rules & Regulations; Law & Digital Society; Community Engagement
Dr. Jaya Kritika Ojha	Assistant Professor	Digitalisation and Development, ICT&D, Community Informatics & Sustainability, Women, Livelihoods and Technology, Rurbanisation, Commons & Collective Action, Capabilities and Empowerment
Dr. Wairokpam Premi Devi	Assistant Professor	Science, Technology and Society Studies, Innovation Studies, Philosophy of Science and





		Technology, Actor Network, Gender, Technology and Science, Research Methodology in Social Sciences
Dr. Jugal Kishor	Assistant Professor	Marketing, Digital Marketing, Integrated Marketing Communication

## Academic Activities

### Expert/Guest lecture/seminar/Visit

Name of Expert	Event	Date
Dr. Pawan Singh	Workshop – “Cloud computing “	07-02-2024 to 15-02-2024
Dr. Ravi Raj Choudhary	Webinar on " Artificial Intelligence "	10-07-2023 to 11-07-2023
Dr. Ravi Raj Choudhary	Webinar on " Blockchain and Internet of Things (IOT) "	17-07-2023 to 18-07-2023
Dr. Tarun kumar	Webinar on " Blockchain "	14-08-2023
Dr. Tarun kumar	Webinar on " Cloud computing "	16-08-2023
Dr. Rahul Shukla	Webinar on " Socio-Technological Constructs of Data Sciences and Cyber Security "	23-08-2023
Dr. Tarun kumar	Webinar on "Blockchain "	01-04-2024
Dr. Tarun kumar	Webinar on "Implementation Perspective of Blockchain "	05-04-2024
Dr. Rahul Shukla	Webinar “ Cyber security, Society and Vulnerability “	15-04-2024

## Other Academic Activities:

### Students' Internship Projects:

Name	Enrollment no	Year	Organisation	Specialties
Abhijeet Singh	2022MSDS	2022-2024	Rahul and Shekhy Production pvt ltd	Project manager
Ashutosh Khushwah	2022MSDS	2022-2024	Oops pvt ltd	Digital marketing
Ashiq Ali	2022MSDS	2022-2024	Central University of Kerala	Research Assistant
Gulnawaj Ahmad	2022MSDS	2022-2024	Kochiva	Social media marketing





Khemraj Sharma	2022MSDS	2022-2024	News Times Toady	Digital marketing
Prerna Dutta	2022MSDS	2022-2024	ivirth pvt ltd	Project management
Prithviraj	2022MSDS	2022-2024	Forje	Data analysis
Sharath MT	2022MSDS	2022-2024	Cotten blossom India pvt ltd	Project management
Vimal PV	2022MSDS	2022-2024	Elemenooop Digital	Digital marketing and Data analysis
Joy Das	2022MSDS	2022-2024	Sree shankarachary computer centre pvt ltd	Digital marketing
Yamini Parashar	2022MSDS011	2022-2024	ivirth pvt ltd	Project management and policy formulation
Priyanka Rajpurohit	2022MSDS	2022-2024	ivirth pvt ltd	Digital marketing

## Dissertation

S. No.	Enroll No	Name of the Student	Supervisor	Dissertation Title
1	2022MSDS001	ABHIJITKUMAR SINGH	Dr. Kumar Sambhav Pareek	Comparative Analysis of E-waste Management Policies in Top three e-Waste Generating Countries i.e China, United States of America and Bharat
2	2022MSDS002	ASHIQUE ALI M V	Dr. Wairokpmam Premi Devi	Exploring the Impact of Technology on Adolescent Social Skills: A Study of Mallapuram Municipality, Kerala, India
3	2022MSDS003	GULNAWAJ AHMAD	Dr. Jaya Kritika Ojha	Digital Transition in Micro Enterprise: A Case of Makhana Industry in Mithila





				Region of Bihar
4	2022MSDS004	JOYDAS K	Dr. Jugal Kishor	Analysing impact of Social Media Marketing on the Malayalam film Industry
5	2022MSDS005	KHEMRAJ SHARMA	Dr. Jaya Kritika Ojha	Leveraging Digital Technology in Agriculture Sector : A Study of Thar Desert of Western Rajasthan
6	2022MSDS007	PRERNA DUTTA	Dr. Jaya Kritika Ojha	Exploring the Impact of Digital Payment Adoption: An Analysis of Madhubani Artisans and Customers at Dilli Haat, a Handicrafts Market in India
7	2022MSDS008	PRITHVI RAJ	Dr. Jugal Kishor	Exploring impact of Digital India initiative on University students : A study of Central University of Rajasthan
8	2022MSDS009	SARATH MT	Dr. Kumar Sambhav Pareek	GenAI Exploration: A study of Usage Patterns and Implications at Central University of Rajasthan (CURAJ)
9	2022MSDS010	VIMAL PV	Dr. Wairokpmam Premi Devi	Exploring the Influence of Digital Media on Rural Development: A Focus on Business and Agricultural Advancement
10	2022MSDS011	YAMINI PARASHAR	Dr. Kumar Sambhav Pareek	Digital Democracy: Demystifying the potential of Online Voting in India
11	2022MSDS014	ASHUTOSH	Dr. Wairokpmam Premi Devi	Analyzing the Role of Educations Apps in Improving the Academic Performance among Students
12	2022MSDS016	PRIYANKA RAJPUROHIT	Dr. Jugal Kishor	Impact of Social Media Influencers on Consumer Buying Decisions



## Extension activities

The Department of Society Technology Interface organised a painting program under the theme 'Viksit Bharat@2047' on 21.12.2023. Many students from the School of Social Sciences took part in the event. Students chose their specific themes to draw and paint, visualizing and depicting a developed India-Viksit Bharat by 2047. The students actively participated in the program and created beautiful posters. The faculty members also made significant contributions to the event.



## Extra-Mural Funding received

Project: DST-CPR STI Financing Understanding and Investment Priorities for STI Sector at the Sub National Levels, Project amount: Rs 28,88,292; Funded by: Department of Science and Technology (DST), Govt. of India, Year of Project Sanctioned: 2023; Co-PI: Dr. Jaya Kritika Ojha.





## School of Sport Science, Yoga & Education

### DEAN: PROF. SANJIB K PATRA

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 has three different postgraduate and research 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 various fields of Sports Sciences. The Master programs of this school would enhance the knowledge of students in sports sciences and improve their level of understanding with underlying scientific principles in sports sciences. The courses would emphasize both theoretical and laboratory aspects which would help the students to enrich and sharpen their knowledge both in instrumentation techniques and software-based simulations in sports sciences.

### Departments

**Department of Education**

**Department of Sports Biosciences**

**Department of Sports Biomechanics**

**Department of Sports Psychology**

**Department of Yoga**

## Department of Education

### Head (i/c) : Prof. Sanjib K Patra

The Department of Education, Central University of Rajasthan was established in 2014. The Department of Education is running an Innovative Education Program, three years M. Sc. B. Ed. Innovative Program in collaboration with Department of Mathematics, Chemistry, Physics and Economics, aiming at producing prospective teachers with sound knowledge of content and pedagogy. Besides this, the Department of Education also offers ITEP- B.Sc. B.Ed. (Secondary Stage) & PhD Programs in Education, Masters of Arts in Education. The vision of the Department of Education is to develop professionally equipped human teachers along with establishing a Centre of excellence in Pedagogy, Curriculum and Research. The said department in the University has embarked on seeking quality education by inculcating professional values and ethics blended with realistic field experiences among pre-service teachers. This is a unique attempt made by the Central University of Rajasthan with a clear focus on preparing teachers for Senior Secondary Schools/ Post Graduate Teachers (PGT's).

### Programs Offered

1. M. Sc. B. Ed. Innovative (Mathematics)





2. M. Sc. B. Ed. Innovative (Physics)
3. M. Sc. B. Ed. Innovative (Chemistry)
4. M. Sc. B. Ed. Innovative Economics
5. Ph.D. in Education
6. Masters of Arts in Education
7. ITEP- B.Sc. B.Ed. (Secondary Stage)

## Faculty

Name	Designation	Area of Specialization
Dr. Anjali Sharma	Associate Professor	Educational Administration and Management, Women and Gender studies, Pedagogical Sciences, Displacement discourse, Tribal Discourse
Dr. Narendra Kumar	Assistant Professor	Educational Psychology, Pedagogical Sciences, Emerging Issues in Education, Teacher Education, Pedagogy of Science
Dr. Gobind Singh	Assistant Professor	Recent Trends in Education & Pedagogy. Entrepreneurship in Education, Sociology of Education, Pedagogy of Mathematics.
Dr. Sangeetha Yaduvanshi	Assistant Professor	Science Education, Gender Studies, Educational Psychology, Educational Technology, Pedagogical Sciences
Dr. Rina Godara	Assistant Professor	Pedagogy of Economics, Pedagogy of Commerce, Pedagogy of social science, Educational Management, Inclusive Education, Women in Management, Teacher Education, Leadership in Education, Life Skills Education
Dr. T. Sangeetha	Assistant Professor	Special Education, Inclusive Education, Value Education, Science Education, Teacher Education
Dr. Seema Gopinath	Assistant Professor	Mathematics Education, Pedagogy of Mathematics, Assessment and Evaluation, Metacognition, Teaching Skills, Teaching, Educational Psychology, Environmental Education, ICT & Digital Learning, Women Education,





		Early Childhood Education, Research Methodology
Dr. Kanak Sharma	Assistant Professor	Pedagogy of Science Educational Technology & ICT Educational Measurement and Evaluation Pedagogy of Chemistry Educational Psychology Value Education Teacher Education Women Education
Dr. Nithya Prem S. R.	Assistant Professor	Pedagogy of Science Curriculum Development Science Education Educational Technology Educational Research

## Other Academic Activities

Theme/Event Name	Organizer/coordinator if any	Date
Birth Anniversary Savitribai Phule	Dr Seema Gopinath	03/01/24
Workshop On Puppetry	Dr Rina Godara Dr Seema Gopinath	25/01/24
Republic Day Celebration with Different Events	Dr Rina Godara	29/01/24
Guest Lecture on the topic Equilibrium between Society & Environment: Ancient Indian Practices	Dr Kanak Sharma	7/02/2024
Guest Lecture on the topic Sustainable Architecture & Urban Planning: Practices from Indigenous Knowledge	Dr Kanak Sharma	8/02/2024
Birth Anniversary of Sarojini Naidu	Dr Narendra Kumar	13/02/24
Guest lecture on "Indian Philosophy"	Dr Rina Godara	01/04/24
Guest lecture on "Ayurveda and its Contribution"	Dr Rina Godara	17/04/24









## Department of Sports Bioscience

### Head: Dr. Nidhi Pareek

Central University of Rajasthan has started 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 and one Ph.D. program under the Department of Sports Bioscience. 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 on the field with athletes/sports persons during the games and sports. This would allow students to enrich and sharpen their knowledge both in instrumentation techniques and softwares 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 sports persons.

### Programs Offered

1. M. Sc. Sports Biochemistry
2. M. Sc. Sports Nutrition
3. M. Sc. Sports Physiology
4. Ph.D. Sports Bioscience

### Faculty

Name	Designation	Area of Specialization
Dr. Nidhi Pareek	Associate Professor	Applied biocatalysis, Bioprocess engineering, Proteomics
Dr. Neha Singh	Assistant Professor	Development of prediction models for Cardiovascular events, Sports Biochemistry, Sports Nutrition, Sports Physiology, Modified mRNA Technology, Biomedical Sciences, Medicinal plants and their applications in sports injuries
Dr. Hemant Naick	Assistant Professor	Characterization of Inter-organelle





Banavath		communication, Bioenergetics in Exercise Physiology, MicroRNAs in calcium homeostasis, metabolism and Cardiovascular Pathology, In-silico drug discovery and characterization (in-vitro) Proteomics
Dr. Sunil G Purohit	Assistant Professor	Biochemical monitoring of sports training and recovery status of the athletes. Physical fitness and sports training.
Dr. Shailendra Pratap Singh	Assistant Professor	Metabolic Syndrome: High Blood Pressure and abnormal Cholesterol levels; Diabetes & Insulin Resistance; Cardiovascular Diseases; Kidney damage and Fibrosis; Nano-medicine and Toxicology

## Academic Activities

### Equipment Procured/Facility Available

#### Major Equipment/Instruments

- Semi-Automatic Biochemistry Analyzer
- Portable Spirometer
- Hot Plate with Magnetic Stirrer
- Bench Top pH Meter
- Deep Freezer - 40° C
- Lab Based Complete Neuro Electrophysiology Machine
- Deep Freezer - 40° C
- 6 Part Automatic Haematology Analyzer
- Horizontal Gel Electrophoresis Unit with Power Pack
- Table Top Small Volume Refrigerator
- Diet Cal (Nutrition Assessment Software)
- PCR Machine
- Hand Held Homogenizer
- Complete Portable Lactate Analyzer Kit
- Table Top Large Volume Refrigerated Centrifuge
- 2D Rocker
- Mirror Drawing Apparatus
- Sport Locus of Control (IE) Scale
- Sport Pressure Checklist
- Sports Emotional Intelligence Test





- Centrifuge
- SDS-PAGE Apparatus and Western Blot transfer System
- Chemi-doc System
- qRT PCR Machine
- CO2 Incubator
- Nano Drop Uv-Visible Spectrophotometer
- Sports Competition anxiety test
- Sport Self-Control Schedule
- AMSSE (Achievement Motivations Scale for Sporting Environments)
- Sport Aggression Inventory
- Upper body Ergometer
- Kjeldahl Based Digestion Unit
- NEO Software System (EO PI-R™ and NEO-FFI™ Modules)

### Minor Equipment/Instruments

- Anthropometric Measuring Set
- Sphygmomanometer
- Cardio Check Health Screen Kit
- Digital Metronome
- Digital Glucometer
- Finger Pulse Oximeter
- Stethoscope
- Stadiometer Portable
- Stadiometer Digital For Lab
- Skin Fold Calliper digital
- Skin Fold Calliper
- Sit and Reach Box
- Serological Water Bath
- Hot air Oven
- Portable Digital Electronic Body Weight Scale
- Table Top Vortex Mixer
- Weighing Balance
- Refrigerators (2)
- Dry Block Heater
- Portable Hand Grip Dynamometer

### Human Models & Other Items

- Torso with Head and Interchangeable Male and Female Genitalia Separated in 20 Parts
- Human Brain
- Human Eye
- Ear With Pinna
- Imported Human Skeleton Complete
- Full Human Skeleton Loos Bones
- Steel Measuring Tape
- Stop Watch Digital
- Measuring Tape





- Heart
- Stomach On Stand
- Kidney On Stand
- Liver Showing Gall Bladder
- Functional Shoulder Joint
- Functional Hip Joint
- Functional Elbow Joint
- Functional Wrist Joint
- Functional Ankle Joint
- Imported Functional Knee Joint (Rt)
- Imported Vertebral Column With Stand
- Cones
- Ladders for Speed & Agility drill
- Thera-Bands
- Sit-ups Mats
- Resistance Training Loop/Band
- Gym Balls
- Medicine Balls
- Skipping Ropes
- Abdominal Wheel Roller
- Chin-up bar
- Push-up bar

## Department of Sports Biomechanics

### Head: Dr. Rajneesh Choubisa

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

### Program Offered

1. M. Sc. Sports Biomechanics

### Faculty

Name	Designation	Area of Specialization
Dr. Rajneesh Choubisa	Associate Professor	Positive Psychology (Applied) Human Resources/Personnel Psychology I/O Psychology (Socialization,





		Motivation, Leadership etc.) Interventions Research (PPIs, Wellness Enhancing Internet Interventions) Organizational Development (Implementation Theory Approach) Health & mHealth (Design & Conception) Health Psychology & Wellness Promotion (Mental Health) Digital Health/Well-Being
Dr. Guneet Inder Jit Kaur	Assistant Professor	Psychological Skills Training/ Mental Training, Organizational Behaviour in Sports, Psychology of Sports Excellence, Health and Wellbeing, Exercise Psychology, Sports and Mental Fitness, Psychology and Sports Rehabilitation, Psychology of Coaching, Social Psychology in Sports

## Department of Sports Psychology

### Head: Dr. Rajneesh Choubisa

The Department of Sports Psychology, under the School of Sports Sciences started its academic session from 2020 onwards. The department is funded by the Ministry of Youth Affairs and Sports (MYAS), Government of India. The Department of Sports Psychology focuses on creative training, applied research, and practice that are most relevant in the area of sports, maintaining well-being and for development of youths. Through intensive theoretical and practical engagements, students are trained to use psychological knowledge and skills to address optimal performance and well-being of athletes, and they learn to deal with the systemic issues associated with sports settings and organizations. The department strives to promote the essence of positivity, spirit of winning the challenges and facilitates holistic well-being. By ensuring that students can be competent in various areas of practice of positive-psychology, they are open to a plethora of careers from the field of sports to performing arts, health and fitness, counseling and mental health. The function of the department covers four areas. The first area is teaching with a motto of creating enthusiastic, skilled sports psychologists. The second area involves integration of theory and practice through class-room teaching, laboratory and field-based practical experiences. The third area is research which includes students' dissertations, based on empirical work and evidence in the area of sports psychology. The fourth area is undertaking action research through





funded research projects.

## Program Offered

1. M.A./M.Sc. Sports Psychology
2. Ph.D. Sports Psychology

## Faculty

Name	Designation	Area of Specialization
Dr. Rajneesh Choubisa	Associate Professor	Positive Psychology (Applied) Human Resources/Personnel Psychology I/O Psychology (Socialization, Motivation, Leadership etc.) Interventions Research (PPIs, Wellness Enhancing Internet Interventions) Organizational Development (Implementation Theory Approach) Health & mHealth (Design & Conception) Health Psychology & Wellness Promotion (Mental Health) Digital Health/Well-Being
Dr. Neethu P S	Assistant Professor	Environmental Psychology, Sports Psychology, Mental Health
Dr. Guneet Inder Jit Kaur	Assistant Professor	Sports Psychology, Performance Psychology, Health Psychology, Organizational Behaviour

## Department of Yoga

### Head: Prof. Raghavendra Bhat

The Department of Yoga at the Central University of Rajasthan, established in 2017, aims to explore and propagate the therapeutic benefits of yoga through academic training and research. It offers a Master's degree in Yoga Therapy and a Ph.D. in Yogic Science, aligned with NEP 2020 for a holistic education. The department boasts state-of-the-art facilities, including a yoga hall, computer lab, and research laboratories, supporting various research projects on yoga's efficacy in mental health and physical fitness. Faculty members are involved in research on yoga's therapeutic potential for chronic health conditions. The department has four faculty members, twelve Ph.D.





scholars, forty Master's students, and eighty-three alumni, many of whom work as yoga therapists and Yoga teachers. Best practices include morning prayers, traditional class settings, and weekly devotional sessions. The department also conducts yoga workshops in nearby villages and schools.

## Programs Offered

1. MSc. Yoga Therapy
2. Ph.D in Yogic Science

## Faculty

Name	Designation	Area of Specialization
Prof. Sanjib K Patra	Professor	Sleep medicine Psychophysiology Meditation and Yoga therapy
Prof. Raghavendra Bhat	Professor	Yoga and Psychophysiology Meditation and Autonomic functions
Dr. Kashinath G. Metri	Assistant Professor	Yoga and Mental Health Yoga and Metabolic disorders Cardiovascular medicine, Yoga therapy Ayurveda and Rehabilitation
Dr. Mahendra Sharma	Assistant Professor	Yoga Philosophy Yoga Therapy

## Academic Activities

### Expert lecture/Seminar/Visit

A guest lecture was organized by the Department of Yoga on 9th May 2024. Prof. Neeraj Gupta, Professor, Dept. of Architecture, Central University of Rajasthan, delivered an insightful lecture on '**Preparing for Placement: Identify Your Employability Skills**'. The session was attended by PhD scholars and PG students, with a total of around 40 participants. The lecture was very informative and well-received by the attendees.

### Conference/Workshop/Symposium organized





National Seminar on 'Yoga for Women's Health and Well-being' was organized by Department of Yoga in June 21, 2024. Prof. Om Lata Bhagat, Professor, Department of Physiology, All India Institute of Medical Sciences, Jodhpur and Prof. Durgavati Devi, Professor & Head, Department of Swastha Vritta and Yoga, National Institute of Ayurveda, Jaipur delivered invited talks.

### **Extension activities**

Department of Yoga, Central University of Rajasthan (CURAJ) celebrated the 10th International Yoga Day with a great zeal at Panchayat office, Bandasindri Village between morning 7 am to 8 am. The event commenced with a collective practice of the common yoga protocol.

Department of Yoga, Central University of Rajasthan (CURAJ) celebrated the 10th International Yoga Day with a great zeal at Government Higher Secondary School Mundoti, Village between morning 7 am to 8 am on 20th June, 2024.

Department of Yoga conducted One Week Workshop on 'Yoga for Women's Health' for central University of Rajasthan staff between 6th May to 10th May, 2024 at Niramaya Dhyan Kaksha, University Guest house.

In anticipation of the 10th International Day of Yoga, the Department of Yoga at the Central University of Rajasthan organized a mass Surya Namaskar event for students on Thursday, May 2, 2024, from 6:30 am to 7:30 am

### **Other Academic Activities**

#### **10<sup>th</sup> International Day of Celebration**

The Department of Yoga celebrated 10th International Day of Yoga in collaboration with Inter-University Center for Yogic Sciences (IUCYS) on 21st June, 2024.





## Faculty: Academic Endeavours

### Invited Lecture/Keynote/Session Chaired

#### Department of Architecture

##### Prof. Neeraj Gupta

- “Outcome Based Education to Enhance Employability of Professionals”; (online) Faculty Members of the University Sri Sri University 22.07.2023 Invited Lecture.
- "Learning to Learn"; (online) Faculty Members Pan India UGC-MMTTC University of Rajasthan - GURU-DAKSHATA: Faculty Induction Programme 04.12.2023, at 09.30 am - 11.00 am; Invited Lecture.
- “Story Telling: Traditional Indian Teaching Method”; (online ZOOM) Faculty Members Pan India MMTTC, Central University of Jammu FDP Titled "Holistic and Multidisciplinary Education" 16.12.2023 1:30 PM- 3:00 PM Invited Lecture.
- “Academic Leadership, Governance, and Management” (online) Faculty Members Pan India MMTTC, IISER Bhopal NEP Orientation and Sensitization Programme (FDP) 27.12.2023 1545 -1715 Invited Lecture.
- “Academic Leadership, Governance, and Management” (online – 2 sessions) Faculty Members Pan India NEP Orientation and Sensitization Programme (FDP) organised by MMTTC, IISER Bhopal 23.01.2024 1430-1715 hrs Invited Lecture.
- “Sustainable Architecture & Urban Planning: Practices from Indigenous Knowledge” (offline) Students and Faculty of the Department, Department of Education, CURAJ 08.02.2024 1430-1600 hrs Invited Lecture.
- “Role of IQ, EQ and SQ in Success” (offline) Students and Faculty of Department, Department of English CURAJ 08.02.2024 1130-1300 hrs Invited Lecture.
- “Preparing for Placement: Identifying your Employability Skills”; (offline) Students of different programmes of the department, Department of CSE, CURAJ 09.02.2024 1130-1300 hrs Invited Lecture
- “Writing Resume and Cover Letter” (offline) Students of different programmes of the department, Department of CSE, CURAJ 16.02.2024 Invited Lecture.
- “Academic Leadership, Governance and Management” (online – 2 sessions) Faculty Members Pan India Orientation Programme on NEP organized by MMTTC NEHU 21.02.2024 Invited Lecture.
- “Designing Multiple Entry Exit Vocational Educational Programmes”; (online – 1 session) Faculty Members Pan India; One Day National Webinar on National Credit Framework MMTTC NEHU 01.03.2024 Invited Lecture.
- “Preparing for Placement: Identifying your Employability Skills”; (offline) Students of different programmes of the department, Department of Microbiology, CURAJ 05.04.2024 11.30-12.30, Invited Lecture.
- “Academic Leadership, Governance and Management” (online) Faculty Members





Pan India Orientation Programme on NEP organized by MMTTC NEHU 23.04.2024 2.00 to 3.30 PM; Invited Lecture.

- “NEP2020: Inculcating Culture of Research in HEIs” (online) Faculty from different parts of country Orientation Programme on NEP organized by MMTTC NEHU 24.04.2024; Invited Lecture.
- “Preparing for Placement: Identifying your Employability Skills” (offline) Students of different programmes of the Department School of Sports Sciences 25.04.2024 12.15-13.30 Invited Lecture.
- “Higher Education and Society: An overview of NEP’s Aspirations, Action and Role of HEIs and Faculty Members”; Pan India Faculty Members Orientation Programme on NEP organized by MMTTC NEHU 20.05.2024 Invited Lecture.
- “Indian Knowledge System: A Preview with focus on Story Telling as Traditional Teaching Method” Faculty Members Pan India; 8th NEP Orientation and Sensitization Programme organized by MMTTC Mizoram University 31.05.2024 Invited Lecture.
- “Indian Knowledge System: A Preview with focus on Story Telling as Traditional Teaching Method”; Faculty Members Pan India; 8th NEP Orientation and Sensitization Programme organized by MMTTC Mizoram University 05.06.2024; Invited Lecture.
- “Learning Outcomes based Design of Educational Programme”; Faculty Members Pan India; One Month Mandatory Faculty Induction Programme from 03rd June to 04th July, 2024; Malaviya Mission Teacher Training Centre, UGC, Ministry of Education, Govt. of India of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi. 06.06.2024; Invited Lecture.
- “Writing of Learning Outcomes based on Blooms Taxonomy”; Faculty from different parts of country One Month Mandatory Faculty Induction Programme from 03rd June to 04th July, 2024 Malaviya Mission Teacher Training Centre, UGC, Ministry of Education, Govt. of India of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi. 06.06.2024; Invited Lecture.
- “Academic Leadership, Governance and Management”, (online – 2 sessions) Faculty Members Pan India; Orientation Programme on NEP organized by Malaviya Mission Teacher Training Centre, UGC, Ministry of Education, Govt. of India of Shri Lal Bahadur Shastri National Sanskrit University (Central University), New Delhi. 19.06.2024 Invited Lecture.
- “Indian Knowledge System: A Preview with focus on Story Telling as Traditional Teaching Method”; Faculty Members Pan India; 9th NEP Orientation and Sensitization Programme organized by MMTTC Mizoram University; 21.06.2024 Invited Lecture.

#### Ar. Ritu B. Rai

- “Prohibition, Prevention and Redressal of Sexual Harassment” at Workplace organize by SPARSH Cell of CURaj for Students of Integrated Departments on





05.04.2024.

- “Orientation / sensitization program to generate awareness about gender based discrimination, sexual harassment and other acts of gender based violence” for Security Guards and Staff working in the University Hostels on 10.05.204.

## Department of Atmospheric Science

**Dr. Devesh Sharma**

- “Assessment of Water Availability and Supply–Demand Gap: Case of Nagpur and Gazipur Region” at International Workshop on “Developing Urban-Rural partnerships framework to mitigate climate induced water availability impacts on Food, Energy, and Water (FEW) security at regional level, Keio University, Japan. (19<sup>th</sup>-21<sup>st</sup> Dec, 2023). Invited lecture
- “How to Measure Urban Water Security?” using the Water Security Assessment Tool (WATSAT)” at the International Conference on “River Health: Assessment to Restoration (RHAR 2023), Indian Institute of Technology (Banaras Hindu University), Varanasi, India. (12<sup>th</sup>-14<sup>th</sup> Oct, 2023). Invited Lecture
- “Application of Climate Model and Hydrological Model in Water Resource Assessment - Case Studies and Observations” at International Workshop on “Water resources risk and countermeasure for sustainable development under changing environment in the Pan Qinghai Tibetan, Phuket, Thailand. (30<sup>th</sup> Jan - 05<sup>th</sup> Feb 2024). Invited Lecture
- “Application of Hydrometeorological Approach for Simulation of Extreme Rainfall Events and Streamflow over Mahi River Basin In India” at 1st International Workshop (Online) on Mega-geo-hazards under Changing Climate, Tribhuvan University, Nepal. (14 March -15 March, 2024). Invited lecture
- “Assessment of Water Availability and Supply–Demand Gap: Case of Nagpur and Gazipur Region” at International workshop on Developing Urban-Rural partnerships framework to mitigate climate-induced water availability impacts on Food, Energy and Water (FEW) security at regional level, VNIT, Nagpur. (22 March 2024). Invited Lecture
- “Mega-geo-hazards under Changing Climate” at 1st International Workshop (Online) on Mega-geo-hazards under Changing Climate, Tribhuvan University, Nepal. (14 March -15 March, 2024). Session Chaired

**Dr. Subrat Kumar Panda**

- “Numerical Modelling of Lightning Potential Index and Optimal Threshold of Thunderstorm Indices for Extreme Lightning Events over India using WRF” at 1st International Workshop (Online) on Mega-geo-hazards under Changing Climate, Tribhuvan University, Nepal. (14 March -15 March, 2024). Invited lecture
- “Numerical Weather Prediction Modeling and Processes” National Symposium on Changing of Arid Region and Impact on Weather and Climate over Indian





Subcontinent: (TROPMET 2023), Birla Auditorium, Jaipur. (24 November 2023).  
Session Chaired.

## Department of Biochemistry

### Prof. Chandi C. Mandal

- Delivered an Invited Talk in AIIMS, Jodhpur, INDIA in February 2024 on “Intriguing link between environment temperature, cholesterol and cancer”.
- Delivered an invited talk titled “Interplay between oncogene ZNF726 and DNMT1 for breast tumorigenesis in association with dysregulated cellular cholesterol levels, Panjab University, INDIA on 22 nd February 2024

### Prof. Sanjib Kumar Panda

- Lead speaker in NCPP conference, New Delhi, Dec 10, 2023 on “Functional Genomics of abiotic stress resilience in crop plants”
- Delivered an Invited talk at the School of Management, Central University of Rajasthan, Ajmer on March 13, 2024, on Research Methodology in the FDP program.

### Dr. Hemant Daima

- Delivered an expert talk on “Career opportunities in Biotechnology” on April 9, 2024, at the Department of Biosciences, School of Liberal Art and Sciences, Mody University, Lakshmangarh, Rajasthan, India.
- Delivered a keynote address on “Engineered nanomaterials with smart functionalities: trends in bio-medical sciences” on 08-09 February 2024 for National conference on Innovate advances in biotechnology and nano-biotechnology (IABNB24) in Karpagam Academy of Higher Education, Coimbatore, India.

### Dr. Vishvanath Tiwari

- Delivered Invited talk Lecture on “Plant secondary metabolites as therapeutics against multi-drug resistant *Acinetobacter baumannii*” in National Conference on “Medicinal Plants: Exploring New Frontiers in Environmental Sustainability and Healthcare Innovations”, 14-15 March, 2024, organised by Department of Botany, University of Rajasthan, Jaipur
- Delivered Invited lecture on “Purification and Structural Characterisation of Recombinant Proteins Involved in Antimicrobial Resistance” in “High-end Workshop (Karyashala) on Recombinant Protein Production, Structural and Functional Studies”, 11-17 March 2024 organised by Amity University Rajasthan, Jaipur
- Delivered Invited talk on “Structure-based screening & experimental validation of naringin dihydrochalcone targeting to AdeB protein of RND efflux pump system of *Acinetobacter baumannii*” in “BIOPHYSIKA-2024: National Conference on Recent Advancements in Biophysics and Structural Biology”, 28th Feb, 2024, organised by





Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, Jamia Nagar, New Delhi

- Delivered Invited talk on “Combating carbapenem-resistant *Acinetobacter baumannii* using plant secondary metabolite naringin derivative targeting its AdeABC efflux protein” in 6th International Conference on Nutraceuticals & Chronic Disease "Nutraceuticals: Basic to Clinical Applications", 22-24, February 2024 organised by Department of Biochemistry, Punjab University, Chandigarh
- Delivered Invited talk on “Differentially capped (NDC & G-PVP) silver nanoparticles as a potent antibacterial molecule against carbapenem-resistant *Acinetobacter baumannii*” in National Conference “Nano Bio Interface-2024”, 18-19 February 2024 organised by School of Biotechnology, Jawaharlal Nehru University, New Delhi.
- Delivered Invited talk on “Multidisciplinary approach to assess the carbapenem resistance in *Acinetobacter baumannii* and its interaction with host cell model” in National Conference “North Zone ACBI Conference 2024”, 1-2 February 2024 organised by Department of Biochemistry, All India Institute of Medical Sciences, Jodhpur.
- Delivered Invited talk on “Targeting AdeABC efflux pump of carbapenem resistant *Acinetobacter baumannii*” in International Conference on “Microbial Technologies for Sustainable Bio-economy (IC-MTSB-2024)” 31Jan - 1Feb 2024 organised by School of Life Sciences, Central University of Rajasthan, Kishangarh
- Delivered Invited talk on “Potentiate the activity of carbapenem by naringin dihydrochalcone targeting the AdeABC efflux pump of multidrug-resistant *Acinetobacter baumannii*” in International Conference on “Chemical and Biological Sciences (ICCBS-2024)”, 27-29 January, 2024 organized by the Department of Chemistry, Atma Ram Sanatan Dharma College (University of Delhi) in association with Kwangwoon University (South Korea), North-West University (South Africa).
- Delivered Invited talk on “Investigating proteins involved in antimicrobial resistance and host interaction to find therapeutics against *Acinetobacter baumannii*” in “Refresher Programme in Life Sciences”, 5-18 Dec, 2023 organised by UGC-Human Resource Development Centre at Savitribai Phule Pune University
- Delivered Invited talk on “Combating multidrug-resistant *Acinetobacter baumannii* by targeting its AdeABC efflux pump protein” in International conference on “New Horizons in Biotechnology (NHBT-2023)”, 26-29 Nov 2023 organised by CSIR-National Institute for Interdisciplinary Science and Technology, Trivandrum, India and Biotech Research Society, India (BRSI)

#### Dr. Bhawana Bissa

- Invited lecture at Regional Young Investigator’s Meeting, BITS Pilani “Isoform-specific differential expression of GABARAP genes in Glioblastoma”, 18-20 Jan 2024
- Invited as visiting faculty (Mercator Fellow) at Heinrich Heine University,





Dusseldorf, Germany from 09-10-23 to 01-11-23 and delivered an invited lecture “Autophagosomes and Exosomes: Yin and Yang of cellular homeostasis”.

## Department of Biomedical Engineering

### Dr. Manas Kumar Nag

- ‘Deep Learning in Medical Image Analysis’ on 18<sup>th</sup> Of December 2023, in a National Level online Faculty Development Program “Emerging paradigms in Biomedical Healthcare Applications.” organized by Sathyabama Institute of Science and Technology, Chennai.
- ‘Image Processing using MATLAB’ on 29<sup>th</sup> Of February 2024, in a National Level online Faculty Development Program “Recent trends in Scientific Programming using MATLAB.” organized by Department of Electronics and Communication, Central University of Rajasthan, Ajmer.

## Department of Biotechnology

### Dr. Jay Kant Yadav

- Delivered lecture as an invited speaker for your talk on “Ordered protein aggregation: Emerging perspectives in nutrition, health and medicine” North Zone ACBI Conference 2024 being organized by Department of Biochemistry, All India Institute of Medical Sciences, Jodhpur, Rajasthan, during 1-3 February 2024.

## Department of Chemistry

### Dr. Anuj Kumar Sharma

- Role of metal based systems in Biocatalysis and Medicine: Selected Examples, in Two-Week Online Faculty Development Programme in Chemistry and Allied Sciences [FDPCAS-2023] at Department of Chemistry and Chemical Sciences, Central University of Jammu (from 26th October to 8th November 2023). Invited lecture as Resource Person, online.

### Dr. Bhupendra Goswami

- Synthesis of Iminophosphonamide Metal Complexes and Their Photoluminescence, in Three-day symposium, 28th ISCB International Conference (ISCBC-24), Marwadi University, Rajkot, India (08-10 Jan 2024). Invited Lecture.

### Dr. Chandrakanta Dash

- Organometallic Compounds: From discovery to applications, in Two-Week Online Faculty Development Programme in Chemistry and Allied Sciences [FDPCAS-2023] at Department of Chemistry and Chemical Sciences, Central University of Jammu (from 26th October to 8th November 2023). Invited lecture as Resource Person, online.





- Palladium-N-heterocyclic carbene catalyzed domino reactions for the synthesis of biologically relevant heterocycles, in International Conference on “Advances in Chemical and Applied Sciences for Sustainable Development (ACASSD-2024)” at Department of Chemistry, School of Sciences, JECRC University, Jaipur, Rajasthan. (29-30<sup>th</sup> March 2024). Invited lecture.

#### Dr. Easwar S.

- Introduction and Problem Solving on NMR Spectroscopy, in Seven-day DST-STUTI Program of Central University of Rajasthan, India (31st July - 06 Aug 2023). *Invited Lecture as Resource Person.*
- Two-Week Online Faculty Development Programme in Chemistry and Allied Sciences [FDPCAS-2023], 26th October to 8th November 2023, C.U. Jammu (ONLINE). *Invited Lecture as Resource Person.*
- “Intriguing Reactivity of Baylis-Hillman Ketones with Diamines”, 2<sup>nd</sup> International Conference on “Emerging Trends in Catalysis and Synthesis (ETCS-2024) at IIT Kharagpur from 07-09 March 2024. *Invited Lecture*
- Diamine mediated reactivity pattern in MBH ketones, Indo-French Conference on “Fostering Catalysis for Societal Benefit (FCSB-2024)” at University of Hyderabad from 15-17 January 2024. *Invited Talk*
- Reactivity pattern in Morita-Baylis Hillman ketones: Diversity and intrigue, International Conference on Organometallics and Catalysis (ICOC-2023), Goa from 30 Oct- 2 Nov 2023. *Invited Flash Talk*

#### Dr. Hemant Joshi

- Basic Fundamentals and Hands-on Training on FTIR Instrument, in Seven-day DST-STUTI Program of Central University of Rajasthan, India (31st July - 06 Aug 2023). Invited lecture as Resource Person.
- Sterically Bulky Ligands Controlled Palladium-Catalyzed Regioselective Organic Transformations, in Three-day symposium, 28th ISCB International Conference (ISCB-24), Marwadi University, Rajkot, India (08-10 Jan 2024). Invited Lecture.

#### Dr. Thirumoorthi Ramalingam

- "Thermolysis of Bis(arylmethyl)tin Dichlorides: An Efficient Reagent for C-C and C-N Bond-Forming Reactions" in “20<sup>th</sup> International Conference on Modern Trends in Inorganic Chemistry (MTIC-XX)”, IISC Bangalore, India. (14-17<sup>th</sup> December 2023). Invited lecture.

## Department of Commerce

#### Dr. Priyanka Bhaskar

- National Seminar on “Commerce & Technology in 21st Century: Nurturing Sustainable Businesses” organized by the Department of Commerce. Central





University of Himachal Pradesh, Dharamshala, Distt. Kangra(HP).(2024, June 26-27):  
Session Chair

- “Digital Education/Technology-Enabled Learning” at National Webinar on Technological Advancement in Education System-Digital Education and New Provision, organized by Bhagat Singh Govt. P.G. College, Jaora Dist., Ratlam, Sponsored by Department of Higher Education Madhya Pradesh, Bhopal. (2024, May 30): Invited Lecture.
- International Conference on “Multidisciplinary Approaches for Sustainable Development in Science & Technology” at Manipal University Jaipur, India.(2024, March 28-29): Session Chair

#### **Dr. Sanjay Kumar Patel**

- “Spirituality and Health for Holistic Entrepreneurship” at S.P. Srivastava Memorial Lecture organized by Faculty of Commerce, BHU. (2024, Feb 14): Invited lecture.
- National Seminar on “Commerce & Technology in 21st Century: Nurturing Sustainable Businesses” organized by the Department of Commerce. Central University of Himachal Pradesh, Dharamshala, Distt. Kangra(HP).(2024, June 26-27): Session Chair.

### **Department of Computer Science**

#### **Prof. Mamta Rani**

- Lecture at International Conference on Nonlinear Analysis and Application (ICNAA-2024), 11-May 2024, Shridev Suman Uttarakhand University on "Research work of Prof S.L. Singh and Analysis of Ancient Multiplication Method".

#### **Dr. Krishna Kumar Mohbey**

- Functions and Modules, Regular Expressions, Python Strings, Delivered two invited lectures in the 4-Day National Workshop on "Understanding Python and its Application in Research and Development" on 28th September, 2023 organized by A.K.Dasgupta Centre for Planning and Development, Visva-Bharati, West Bengal.
- Big data analytics and Its Applications, Resource person in the FDP "ReFOCUS" organized by School of Computer Science Engineering from 11 to 15 Sep 2023 at VIT Chennai.
- Session chair in 4th International Conference on Machine Learning and Big Data Analytics (ICMLBDA) 2024 during 09-11 May 2024.

#### **Dr. Gaurav Meena**

- Invited lecture Chaired a Session on Machine Learning and Big Data Analytics ICMLBDA- 2024 at the 4th International Conference on Machine Learning and Big





Data Analytics (ICMLBDA) 2024, organized by the National Institute of Technology, Kurukshetra, India from 09-11 May 2024.

- Chaired a Session on Artificial Intelligence and Robotics ICDLAIR-2023 at the 5th International Conference on Artificial Intelligence and Robotics (ICDLAIR-2024) organized by the National Institute of Technology, Kurukshetra, India from 07-09 December 2023.

## Department of Computer Science and Engineering

### Dr. Prakash Choudhary

- Development Program on “Hands-on Data Science and Data Analytics using Python/R Programming” sponsored by E&ICT IIT Roorkee from 21<sup>st</sup> - 25<sup>th</sup> August 2023 at ABES Engineering College, Ghaziabad. (Invited Lecture)
- Five-day Short Term Course on “Deep Learning Applications for Smart Cities” from September 11<sup>th</sup> – 15<sup>th</sup>, 2023, Department of Computer Science and Engineering at NIT Rourkela, Odisha. (Invited Lecture)
- Faculty Development Program on “Healthcare Data Analysis Using Python and R Language” sponsored by AICTE Training And Learning (ATAL) Academy from 09<sup>th</sup> Oct – 13<sup>th</sup> Oct, 2023 at ABES Engineering College, Ghaziabad. (Invited Lecture)

### Dr. Gaurav Somani

- Virtualization and Cloud Computing, School of Engineering and applied Sciences, Ahmedabad University, Lecture Series, Aug-September 2023 (Invited Lecture).

### Dr. Muzzammil Hussain

- Expert talk on Information Systems and Security, Manipal University, Jaipur, April 2024.

### Dr. Tarun Kumar

- Expert lecture on Cloud Computing in Department of Society Technology Interface in August, 2023
- Expert lecture on Blockchain Technology in Department of Society Technology Interface in August, 2023
- Expert lecture on implementation Perspective of Blockchain in Department of Society Technology Interface in April, 2024.

## Department of Culture and Media Studies

### Prof. Amitabh Srivastava

- “Art of Documentary Making” in the School of Journalism and Mass Communication, LNCT University Bhopal (9<sup>th</sup> December 2023). Invited Lecture
- “Script Writing for Biopic Cinema” in a workshop organised by the Department of Film Studies, Makhnallal Chaturvedi National University of Journalism and





Communication, Bhopal (7th December 2023). Invited Lecture

- “Art of Writing Scripts and Screenplays” in a workshop organised by the School of Mass Communication, JECRC University, Jaipur (12th February 2024). Invited Lecture

#### **Dr. Pranta Pratik Patnaik**

- ‘Review of Literature and Framing Objectives’ in a Writing Workshop on Commons for Foundation of Ecological Securities (FES) Senior Professionals, organized by School of Social Sciences, Central University of Rajasthan (3<sup>rd</sup> June, 2024). Invited Lecture.

## **Department of Data Science and Analytics**

#### **Dr. Vidyottama Jain**

- “Queueing Models and Inventory Models” Webinar Series on Optimization Techniques, Data Science - Applied Mathematics & Computational Science Dept., Thiagarajar College of Engineering, Madurai, March 22-28, 2024. Invited Lecture
- “LaTeX for All: Empowering Your Writing Process”, Faculty Development Program on Enhancing Computation and Visualization through AI Powered Tools, Manipal University, Jaipur, Feb. 6, 2024. Invited Lecture
- “A Semi-Markov Approach for Reliability Analysis of High Altitude Platforms”, 26th International Conference on Distributed Computer and Communication Networks: : Control, Computation, Communications (DCCN 2023), Peoples’ Friendship University of Russia (RUDN University), Moscow, Russia, September 26, 2023. Invited Lecture
- “Semi-Markovian analysis for power efficiency in 5G networks”, International Conference on Computational Applied Sciences and Its Applications (ICASSA 2023), University of Engineering and Management, Jaipur, India, July 13-14, 2023. Invited Lecture
- “Analysis of power efficiency of NB-IoT devices in 5G Networks: A semi-Markov Approach”, 56th Annual Convention of Operational Research Society of India (2023-ORSI) & 10th International Conference on Business Analytics and Intelligence (2023-ICBAI), IISc Bangalore, India, December 18-20, 2023. Contributory talk
- “The effect of covariates on the duration of unemployment in India”, 56th Annual Convention of Operational Research Society of India (2023-ORSI) & 10th International Conference on Business Analytics and Intelligence (2023-ICBAI), IISc Bangalore, India, December 18-20, 2023. Contributory Talk

#### **Dr. Nishtha Kesswani**





- Invited talk on “IT Tools and Technologies for Entrepreneurs” in the Management Development Program on Entrepreneurship & Start-Ups at Central University of Rajasthan on February 28, 2024.
- Invited talk on “Research trends in cyber security and networking” in the workshop on Research trends in Computational research at Jaipur National University, Jaipur, on February 16, 2024.
- Invited talk on “Trends and innovations in Computer science” at International Conference on Emerging Trends and perspectives in Research and innovation at S.S. Jain Subodh PG Mahila Mahavidyalaya, Jaipur on February 23, 2024.

## Department of Economics

### Dr. Hemlata Manglani

- Chaired session in the International Conference on “Sustainable Development Goals: Policies, Actions and Reshaping the Agenda” organized by the Society for pathways to sustainability (Paths) in association with Department of Economics, Indira Gandhi University, Meerpur, Rewari, Haryana on May 5-6, 2024.
- Resource Person in the Workshop on Preparing for Financial Stability in old age in Two days regional workshop on “Promoting Active Ageing through Care & Empowerment, organized by Social Work Department, Central University of Rajasthan on March 24, 2024
- Session Moderator and resource person of ‘Guidelines and Policies for Grassland Conservation : Opportunities and Gaps’ on 18 th December, 2023 at the ‘Grassland Ecosystem of Rajasthan : Threat, Challenges, Opportunities and conservation Initiatives - Workshop’ organized by Foundation for Ecological Security at the Institute of Development Studies, Jaipur
- Resource Person in the workshop on story writing on development stories covering environment, common property resources, water and grazing organized at Foundation for Ecological Security (FES) Bhilwara on January 18 and 19, 2024
- Resource Person in the workshop on story writing on development stories covering environment, common property resources, water and grazing organized at Foundation for Ecological Security (FES) Bhilwara on April 20 and 21, 2024
- Resource Person in the workshop on “Writing Workshop on Commons for the Senior Professionals of Foundation for Ecological Security in collaboration with CURAJ during June 3rd and 4th, 2024

### Dr. Pragati Jain

- Invited talk on Seizing Opportunities in Entrepreneurship in MSME sponsored "One Week Management Development Programme (MDP) on Entrepreneurship & Start-Up" on 29.2.2024 at Central University of Rajasthan.

### Dr. Suresh Kumar Patra





- Delivered the Lecture as the Resource Person on the topic “Sustainable Development Goals and Indian Strategy: A Way Forward” on 30<sup>th</sup> July 2023.
- Delivered the Lecture as the Resource Person on the topic “Measuring Gender Development Index and Gender Inequality Index” on 19<sup>th</sup> July 2024 organized by the Institute for Policy Research in Economics, Management and Social Development (IPREMS), Berhampur, Odisha.

## Department of Education

### Prof. Anjali Sharma

- Narratives and Discourse Analysis” at Short Term Course on Research Methodology for Social Sciences Teachers, Malviya Mission Teacher Training, Devi AhilyaVishwavidhyalaya Indore (11 June 2024). Resource Lecture
- “Vision of NEP2020: A Promising Future of Teacher Education” at National Seminar on National Education Policy 2020. St Stephen College Madanganj, Kishngarh, Ajmer (4 May 2024). Key Address.
- “Gender Sensitization: Know Your Rights and Duties” at Orientation Program Malviya National Institute of Technology, Jaipur (9 August 2023). Invited Talk

### Dr. Narendra Kumar

- “Restructuring Teacher Education in India” DrShadilal College of Education, Meerut (Nov.16, 2023). Invited Lecture
- “School Internship: Need and Importance” in “Pre-Internship Orientation Program” at Kevelanand B.Ed. College, Bijnore (Dec.8, 2023). Invited Lecture
- “Best Practices in School Internship” in “Pre-Internship Orientation Program” at Kevelanand B.Ed. College, Bijnore (Dec.9, 2023). Invited Lecture

### Dr. Gobind Singh

- “Nurturing Excellence: Unveiling the Essential Role and Responsibilities of Teacher”, dated 8<sup>th</sup> December 2023, as a resource person Gurudakshta-Faculty Induction Programme being organized by UGC-HRDC, KUK in collaboration with Department of Education, Kurukshetra University, Kurukshetra, India. Invited lecture
- “Teacher Effectiveness: Fostering Excellence in Higher Education”, dated 14<sup>th</sup> December 2023, as a resource person Gurudakshta-Faculty Induction Programme being organized by UGC-HRDC, KUK in collaboration with Department of Education, Kurukshetra University, Kurukshetra, India. Invited lecture

### Dr. Rina Godara

- “NEP 2020 & Draft NCF 2023”, at Induction programme for TGT English teachers at Navodaya Leadership Institute, Mavli, Udaipur, (18/07/2023). Invited Lecture.





- “21<sup>st</sup> century skills and teaching pedagogy” at Induction programme for TGT English teachers at Navodaya Leadership Institute, Mavli, Udaipur, (18/07/2023). Invited Lecture.
- “Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)”, for PhD course work at Indian Institute of Teacher Education, Gandhinagar, Gujarat (9 December 2023). Invited Lecture.
- “Guidance & Counselling”, at Online Refresher Course for Teacher Educators, HRDC- Gujarat University (26 december 2023). Invited Lecture.
- “NEP 2020”, at Navodaya leadership training Induction program for newly recruited Music teachers, Mavli, Udaipur, (08/01/2024). Invited Lecture.
- “Integrating 21<sup>st</sup> century skills” at Navodaya leadership training Induction program for newly recruited Music teachers, Mavli, Udaipur, (08/01/2024). Invited Lecture.

#### **Dr. T. Sangeetha**

- Two days National Seminar on “Exploring Tools and Techniques for Gen Z Teachers held at Department of Education, Avinasalingam Institute for Home science and Higher Education for women, Coimbatore (04.Jan 2024). Invited Talk
- International Two Day workshop entitled “Emotional Health and Well Being on Academic Success” held by college of Education, Alagappa University, Karaikudi. Presented a session on the topic “Emotional Health and Well Being related to Special Education” on (10Jan 2024) Invited Talk
- One Day Bilingual National Seminar entitled “ Nation,Nature and Narrisakthi in the works of Sri Vanavil K. Ravi organized by Central University of Haryana, Dayanand college, Ajmer in collaboration with Tamil Cultural Research Centre, Palakad, Kerala and presented a paper on the topic” Equality, Women Empowerment Illustrated in the poems of Vanavil.K.Ravi dated ( 06.April 2024) Invited Talk

#### **Dr. Seema Gopinath**

- “Integrating Research into Teaching- Action Research”, in one day orientation programmeorganised by Extension Service Club, Peet Memorial Training College, Mavelikkara, Kerala. (14<sup>th</sup> March 2024).
- “Research Ethics” in one day orientation programme on Project Reporting organized by Kerala University College of Teacher Education, Kunnam, Mavelikkara, Kerala (19<sup>th</sup> March 2024).

#### **Dr. Kanak Sharma**

- National Seminar on the topic “Recent Trends and Strategies in Indian Education System in Light of NEP 2020” organized by the Internal Quality Assurance Cell (IQAC) of Army Institute of Education, Greater Noida (10 August 2023). Chaired the Technical Session





- "Managing Your References: Referencing Styles" in online Workshop on Reference Management organized by Udaan Educational Services, Ghaziabad (25 September 2023). Invited Lecture
- "Counselling Techniques" in CBSE online Training session organized by CBSE, CoE, Bhubaneswar (06 October 2023). Invited Lecture
- National Seminar on the topic '21<sup>st</sup> Sadimei Shikshak Shiksha Karykram ke Bhartiykaran ki Awashyкта , Sambhavnayein avm Chunautiyan' organized by the Mohini Devi Goenka Girls B.Ed., College, Sikar, Rajasthan (8 October 2023). Special Guest Speaker
- National Conference on the topic 'Happiness and Sustainability Around the Globe: Implications For the SDGs' organized by the University School of Education, Guru Gobind Singh Indraprastha University, New Delhi (11 October, 2023). Chaired the Technical Session
- National Seminar on India's Focus on Inclusive Education: Pathway through Gender Issues and Concerns organized by Central Academy Tecaheer's Training College, Ajmer (17 October 2023). Guest Speaker
- ICSSR Sponsored Two Days National Seminar on 'Role of Teachers in the Implementation of National Education Policy 2020' organized by UGC-HRDC DAVV, Indore (24-25 November 2023). Resource Person
- "Population & Sampling" in online 14 Days National Workshop on Research Methodology organized by Udaan Educational Services, Ghaziabad (27 November 2023). Invited Lecture
- International Conference on 'Blended Learning Approach in Teacher Education' organized by Department of Education, Chaudhary Charan Singh University, Meerut in collaboration with Constantine The Philosopher University Nitra, Slovakia (01 December 2023). Chaired the Technical Session
- National Seminar on Equitable and Inclusive Education (NSEIE 2024) organized by Regional Institute of Education, Ajmer (10 January 2024). Keynote Speaker for the Technical Session IX on the theme 'Equity and Quality: Curricular Issues, Challenges and Practices'
- "Population & Sampling" in online 07 Days National Workshop on Research Methodology organized by Udaan Educational Services, Ghaziabad (28 April 2024). Invited Lecture
- "Artificial Intelligence and Effective Research Report Writing with Hands-on" in a Faculty Development Program on Artificial Intelligence in Teaching & Research Paper Writing organized by Association of Indian Universities (AIU) & Integral University, Lucknow (IU) Centre for Academic and Administrative Development Centre (AIU-IU-AADC) under the aegis of Human Resource Development Centre (30 June 2024). Invited Lecture



**Dr. Nithya Prem S. R**

- “STEM Pedagogy in multidisciplinary Approach” organized by Department of Education, Kanimozhi Paneerselvam college of Education, Nagapattinam in the ICSSR sponsored National Seminar (20<sup>th</sup> December 2023). Invited Talk
- “Theoretical bases of Teaching and Pedagogical Analysis” organized by Department of Education, Kanimozhi Paneerselvam college of Education, Nagapattinam. (4<sup>th</sup> June 2024). Invited Talk
- “Interdisciplinary approach in Educational Research” organized by Department of Education, Kanimozhi Paneerselvam college of Education, Nagapattinam. (3<sup>rd</sup> June 2024). Invited Talk

**Department of Electronics and Communication****Dr. Sanyog Rawat**

- 4th International Conference on "Recent Developments in Engineering and Technology" (ICRDET-2024) at Anand International College of Engineering, Jaipur (16 January 2024). Invited lecture
- 4th International Conference on "Recent Developments in Engineering and Technology" (ICRDET-2024) at Anand International College of Engineering, Jaipur (17 January 2024). Session Chair
- International Conference on “Advancements in Nano-electronics and Communication Technologies” (ICANCT-2024) at Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) (17 February 2024). Keynote Speaker
- 1st International Conference on Multidisciplinary Approaches for Sustainable Development in Science & Technology (MASDST-2024) at Manipal University Jaipur (28 March 2024). Session Chair
- 3<sup>rd</sup> International Conference on Intelligent Computing Techniques for Smart Energy Systems (ICTSES-2023) at Manipal University Jaipur (15 December 2023). Session Chair
- IP Manthan, Organized by the office of Controller General of Patents, Designs and Trademarks, Govt. of India (11 August 2023). Invited lecture

**Department of English****Prof. Sanjay Arora**

- Resource Person in the project, “Publication of the Journal, *The Primary Teacher*” at SCERT Udaipur, Rajasthan. (22-24 August, 2023)
- 17<sup>th</sup> International & 53<sup>rd</sup> Annual Conference of ELTAI on “English for Global Citizenship: Multiple Teaching Acts and Learning Experiences” organized by Uttranchal University, Dehradun. (11-14 October, 2023): Judge for Best Paper Presentation.





- 17<sup>th</sup> International & 53<sup>rd</sup> Annual Conference of ELT@I on “English for Global Citizenship: Multiple Teaching Acts and Learning Experiences” organized by Uttranchal University, Dehradun. (12 October, 2023): Session Chaired.
- 4<sup>th</sup> International e-Conference on “Exploring Crisis in Literary and Cultural Studies” organized by New Literaria and Dept. of English, CURaj. (19-20 October, 2023): Session Chaired.
- “Revisiting History, Ethnicity and Myth in Literature” organized by AMITY University, Rajasthan. (19-20 October, 2023): Session Chaired.
- Resource Person for the Talk “Literature as Reflection of Society” at the Refresher Course organized by University of Allahabad. (21 November, 2023): Invited Lecture.
- Two-Day National Workshop on “Exploring Literature, Language, Culture and the Internet,” organized by Sophia Girls’ College (Autonomous), Ajmer. (30-31 January, 2024): Keynote Speaker.
- International Disciplinary Conference on “Methods, Aesthetics, Genres In Language, Literature and Communication,” organized by Office of International Relations and Faculty of Science & Humanities, Poornima University in association with ELT@I Jaipur Chapter. (2-3, February, 2024): Keynote Speaker.
- One Day Workshop on “How to Apply for Patent in Humanities,” organized by Department of English, UEM Jaipur. (20 March, 2024): Workshop Conducted

#### **Dr. Bhumika Sharma**

- 4<sup>th</sup> International e-Conference on “Exploring Crisis in Literary and Cultural Studies” organized by New Literaria and Dept. of English, CURaj. (October 19-20, 2023): Session Chaired.
- Mapping the Marvellous: Mythopoeia, Multiverse & Fantasy Across Literature(s), Films and Media, organized by University of Rajasthan. (December 19-21, 2023): Session Chaired.
- “Theoretical Applications: A Case Study of Deconstructing the ‘Feminine’” in the One-Week Workshop on Research Methodology” organized by Department of English, University of Rajasthan, Jaipur. (July 11, 2024): Invited talk.
- Chrysalis IV.1: A Commemorative Lecture Series Talk on "Mapping Indian Literary Tradition in a Comparative Perspective: Premchand and Thakazhi" organized by Research Centre in English, St. Aloysius College, Thrissur, Kerala. (June 13, 2024): Session chaired.
- Delivered 02 Expert Lectures in “Online Pre-Ph. D. Coursework 2024” organized by UGC-Malaviya Mission Teacher Training Centre, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhaji Nagar, Maharashtra. (May 6, 2024): Invited talk.
- International Conference on “Narrative and Narration: Mapping out Latest Trends in South Asian Literature” organized by Department of English, School of Media Studies and Humanities, Manav Rachna International Institute of Research and Studies, Faridabad, Haryana. (January 30-31, 2024): Session chaired.



**Dr. Neha Arora**

- 4<sup>th</sup> International e-Conference on “Exploring Crisis in Literary and Cultural Studies” organized by New Literaria and Dept. of English, CURaj. (October 19-20, 2023): Session Chaired.
- National Conference on “Disability Studies: Theory and Practice” organized by NIT Meghalaya. (November 18, 2023): Session Chaired.
- ‘The Politics of Translation’ at a workshop on Translation and Creative Writing, organized by Department of Hindi, Central University of Rajasthan. (May 29–June 6, 2024): Invited Talk.
- “A Postcolonial Reading of Chinua Achebe’s *Things Fall Apart*” at a Lecture series organized by Manbhum Mahavidyalaya, Raghunathpur College, and Santaldih College. (May 8, 2024): Invited Talk.

**Dr. Devendra Rankawat**

- XX Annual International Conference of RASE on “Geo-centrism, Naturalism and Collectivism Through Indigenous Literatures,” organized by the Department of English, Mohanlal Sukhadia University, Udaipur, Rajasthan. (26-28 December, 2023): Session Chaired.
- 4<sup>th</sup> International e-Conference on “Exploring Crisis in Literary and Cultural Studies” organized by New Literaria and Dept. of English, CURaj. (October 19-20, 2023): Session chaired.

**Dr. Ved Prakash**

- 4<sup>th</sup> International e-Conference on “Exploring Crisis in Literary and Cultural Studies” organized by New Literaria and Dept. of English, CURaj. (October 19-20, 2023): Session Chaired.
- “Understanding Music and Narratives” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad. (July 1, 2024). Delivered lecture.
- “Hip Hop and Narratives of Black Identity” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad. (July 2, 2024). Delivered lecture.
- “Reggae and Narratives of Hope” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad. (July 3, 2024). Delivered lecture.
- “Narratives of the Planet through Music” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad. (July 4, 2024) Delivered lecture.
- “Music, Culture, and Society” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad (July 5, 2024). Delivered lecture.
- “War, Violence, and Courage: A Study of *Mother Courage and Her Children*” at the





International Lecture Series organized by the English Department, Manbhum Mahavidyalaya, Raghunathpur College, and Santaldih College, West Bengal. (May 9, 2024). Delivered lecture.

- “Environmental Humanities” at the National Seminar on ‘Humanities Today’ organized by the Department of English, Maa Manikeshwari University, Kalahandi, Odisha, (March 16, 2023). Keynote address.
- “Examining the Crises of Being” at Discipline of English, Sheno Goembab School of Languages and Literature, Goa University, (December 14, 2023). Delivered lecture.
- “Theorising Posthumanism” at Discipline of English, Sheno Goembab School of Languages and Literature, Goa University, (December 13, 2023). Delivered lecture.
- “Music and Narratives” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad. (July 28, 2023). Delivered lecture.
- “Theorising Life Narratives” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad (July 27, 2023). Delivered lecture.
- “Narratives of Protest through Art and Literature” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad. (July 26, 2023). Delivered lecture.
- “Resistance and Graphic Narratives” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad, (July 25, 2023). Delivered lecture.
- “Understanding Narratives” as a part of the teaching module on “Introduction to Narratives” at Science and Liberal Arts, National Institute of Design (NID), Ahmedabad. (July 24, 2023). Delivered lecture.

#### **Dr. Savita Andelwar**

- 4<sup>th</sup> International e-Conference on “Exploring Crisis in Literary and Cultural Studies” organized by New Literaria and Dept. of English, CURaj. (October 19-20, 2023): Session Chaired.

### **Department of Environmental Science**

#### **Prof. Rajesh Kumar**

- Invited talk titled “Changing Climate and Need for Sustainable Environment: A Case Study from Himalaya” at the International Conference on “Recent Trends and Innovations in Applied Sciences for Sustainable Development of Environment (RTIS-24)” held on 22-24 January 2024, organized by Sangam University, Bhilwara, Rajasthan, India.
- Invited talk entitled “Climate Change Impacts on Society” on 01 March 2024 in a Faculty Development Program (FDP) on the theme “Science, Society and Culture”





organized by Amity School of Languages, Amity University Rajasthan, Jaipur, from 26 February to 1 March 2024.

- Invited talk entitled “Climate Change Impacts on Glaciers-A Case Study from Indian Himalaya” and session Chair in an International Workshop on “Projection and Mitigation of Mega-Geo-Disasters under Changing Climate” organized by Tribhuvan University, Nepal, and Kagawa University, Japan during 14-15 March 2024 at Hotel Akama, Kathmandu, Nepal.

#### **Prof. Laxmi Kant Sharma**

- Invited Lecture on topic "Career Opportunities in Environmental Studies Environmental Sciences." which was hosted by MODY University on 13<sup>th</sup> April, 2024.
- Invited Lecture organized on the topic "Equilibrium between Society & Environment: Ancient Indian Practices" at Department of Education, Central University of Rajasthan on 7<sup>th</sup> February, 2024.
- Invited Lecture on the topic "Potential of RS & GIS in Ecology and Environmental Management" as part of the UGC – Malaviya Mission Teacher Training Centre (MMTTC) Online Refresher Course in "Ecology and Environmental Sciences" for Assistant Professors of all disciplines from Universities and colleges across India hosted by Maulana Azad National Urdu University, Hyderabad on 23<sup>rd</sup> January, 2023.
- Keynote address on title “Geospatial Technology for Employability” organized by School of Earth Sciences in Vikasit Bharat initiative at Central University of Rajasthan on 22<sup>nd</sup> December, 2023.
- Invited talk on the topic "Grassland Ecosystem of Rajasthan: Threat, Challenges, Opportunities, and Conservation Initiatives: A Geospatial Prospectives" in the FES (Foundation for Ecological Security) organized Workshop on “Grassland Ecosystem of Rajasthan: Threat, Challenges, Opportunities and Conservation initiatives' from 18th December to 19th December, 2023 at IDS in Jaipur, Rajasthan.
- Invited Talk on the topic “Advances in Environmental Studies and Public Health” delivered on the Occasion of World Environment Health Day at Kanoria College, JLN Marg, Jaipur on 26<sup>th</sup> September, 2023
- Invited talk on the topic "Research Ethics" in the Two-day workshop on "Research Awareness and Skill Development" under the scheme of Core Research Grant (CRG) as a part of Scientific Social Responsibility (SSR) activities at the Central University of Rajasthan during 22<sup>nd</sup> -23<sup>rd</sup> September, 2023.
- Keynote address on title “Aravalli: The Natural Green Wall of India” at International Conference on Sustainable Development Goals for Environmental





conservation organized by Raj Rishi Government Autonomous College, Alwar-301001, Rajasthan on 12<sup>th</sup> July, 2023.

#### **Dr. Pramod N Kamble**

- Two days national workshop on Implementation of NEP 2020 : Multidisciplinary Education - Invited talk on NEW education Policy and SDG- 16 to 17 feb, 2023. Organized by ASC College, Kolhar , Ahmednagar , MS-"Invited lecture.
- Two-Days National Conference titled "Ecological Degradation and Pastoralism: Indigenous Knowledge in Ecological Restoration" to be held at the Department of Social Work, Central University of Rajasthan from 9<sup>th</sup> to 10<sup>th</sup> February, 2023. Session Chair.
- Two days international conference on growth, resilience and sustainability in an uncertain world held on 11<sup>th</sup> and 12<sup>th</sup> April 2023, organized by Department of Economics, Central University of Rajasthan. Session Chair.
- Medicinal Plants: Exploring New Frontiers in Environmental Sustainability And Healthcare Innovations (Ncmp-2024)" being organized by the Department of Botany, University of Rajasthan, Jaipur, under the Aegis of Rashtriya Uchchatar Shiksha Abhiyan (RUSA) 2.0, that will be held at Jaipur City India at University of Rajasthan, Jaipur during 14<sup>th</sup> to 15<sup>th</sup> March, 2024. Invited Lecture.
- In celebration of Environment Day 2024, a special Environmental Awareness Session on 25<sup>th</sup> June 2024 at 02:30 PM via Zoom. This event is part of our commitment to raising awareness and encouraging sustainable practices to protect our planet. This year's World Environment Day campaign focuses on "Land restoration, desertification and drought resilience" under the slogan "Our land. Our future". Organized by Cummins Inc. Ltd. Pune- Invited talk.

#### **Dr. Garima Kaushik**

- "A Quality Initiative on EARTH DAY Celebration Theme: Planet Vs. Plastics" by Amity School of Earth and Environmental Sciences, Haryana on 22<sup>nd</sup> April, 2024. Invited lecture
- "Bioremediation: A Green Solution" in National Workshop for Sustainable Development by Department of Chemistry and civil Engineering, SKIT, Jaipur, (8 Feb. 2024). Invited lecture
- "Bisphenol A: Associated risks, toxicity and bioremediation approaches" in XIV Annual Meeting of ISLS & International Conference on Impact of Environment, Food and Nutrition on Human Health organized by Centre for Converging Technologies and International Society for Life sciences (22 December 2023) Invited lecture

#### **Dr. Ritu Singh**

- "Assessment of synthetic dyes removal from aqueous environments using modified magnetite nanoparticles" in International Conference on Recent Trends in Materials





Science & Devices 2023 (ICTMRD 2023) organized by Research Plateau Publishers & G.A.V. Degree College, Patauda, Jhajjar, Haryana, India (23rd July 2023). Invited lecture

- “Synthesis and Evaluation of Chitosan-Coated Nanourea as an Eco-Friendly Fertilizer: Implications for Sustainable Agriculture” in International Conference on Integrative Interdisciplinary Avenues in Biology and Applied Science: Perspectives to Sustainable Development (ICIIABASPSD-2024), organized by Faculty of Bioscience M.L.K. (P.G.) College, Balrampur, Uttar Pradesh, India. (28 April 2024). Invited lecture.

## Department of Hindi

### Prof. N. Lakshmi Aiyar

- Review of the Book shakti upasana Nirupnam Sanskrit, University of Hindu Studies USA, International Online, 22 July 2023, Keynote Speaker
- Tamil Cultural Research Centre Pallakdu Kerala, DAV College Ajmer, national, 28-29 July 2023, (Programme Director)
- “Legal and Poetic values of vanavil.k Ravi” Amity University Lucknow, National Seminar, 08-09 September 2023 (Director)
- Hindi Fortnight Inaugural Ceremony Invitation . Central University of Kerala, National, 11 September 2023 (Chief Guest)
- Rastharya Sangoshti Sanyojak Subject for Vanavil K. Ravi Ki Kavita sanskrit, Central University of Punjab, National, 20-21 October 2023. (Director)
- Srimad Bhagavad Gita International Conference (SBGIC-2023) Unlocking Mental Harmony through Bhagavad Gita conference schedule, International school of Informatics and Managements technical campus Jaipur, International, 28 October 2023 (Panel Expert)
- Different perspectives in vanavil K. Ravi’s writing of valedictory ceremony, Yogi vemaana University Kadapa, National Seminar, 02 December 2023 (Director)
- Sri Aurobindo’s 150 Birth Anniversary, National Seminar, Dept. of Arts & Culture Pudicherry Govt, 22-23 December 2023, (Resource Person)
- G-20 Role of Hindi in the Nation organized jointly by Madhya Bharat Hindi Samiti Indore, Central Hindi Directorate. New Delhi, , 18 January 24 (Resource Person)
- Tamil Pradesh ke Aaushadiya Podho ka Mahtav, National Seminar, Govt. ME FCC, Zoological Survey of India, Jabalpur, 09-10 March 2024 (Resource Person)
- HINDI-Tamil Paaribhashik Shabdavali tulna National Seminar, Vikram vishv vidyalay Ujjain (Rashtriya karyashaala), 27-28 June, 2024, (Resource Person)

### Dr. Shital Prasad Mahendra

- “Nath Yogi Shri Durbal Nath Ji ka Samajik yogdan” organized by Shri Durbal Nath Prachar Samiti, Bandikui, Dausa, : 28 November 2023, (Invited lecture)





- “Bharatiya Gyan Parampraa aur Anuvaad” organized by Maharashtra Sahitya Hindi Academy, Mumbai and New Arts, Commerce and Science College, Shevgaon, Ahmednagar (Invited lecture)
- “Bharatiya Gyan Parampraa aur Sant Sahitya”, organized by Apex College, Dausa, 17 May 2024 (Invited lecture)

#### **Dr. Suresh Singh Rathore**

- “Hindi Natak aur Rangmanch” Bhasha Prakosth, Shiksha Evam Kala Sankay, Jainarayan vyas university, Jodhpur, 10 August 2023 (Invited Lecture)

#### **Dr. Mamta Khandal**

- “Bharatiya Rashtriya Sanskritik Dhara mein Mohan Singh Musafir ki Rachnaon ka Yogdan”, Department of Hindi, Guru Nanak Dev University, Amritsar at national seminar, Hindi Sahitya mein Punjab ke Sahityakaron ka Yogda’, 16-17 November, 2023 (Invited Lecture)

### **Department of Linguistics**

#### **Dr. Dhanapati Shougrakpam**

- “ALS Indigenous Languages”, 10<sup>th</sup> Vibrant Asia Symposium, Language, A Representation of Cultural Heritage and Identity-Marwari, Rajasthan, India. (18<sup>th</sup> August, 2022). Invited lecture.
- “My Language My Signature” during the Celebration of Indian Language Day, Organized by (EBSB) National Institute of Technology, Arunachal Pradesh. (11<sup>th</sup> December, 2022). Special Lecture
- “Enquiring Ableism: Disability in Discourse”, in the international conference on “Disability and the Everyday: Interdisciplinary Perspectives” organized by Department of English, Central University of Rajasthan (8<sup>th</sup> - 10<sup>th</sup> February, 2023). Session Chaired
- “Handling Culture Specific Words and Phrases in Translation” in “five days in house workshop on Translation at the School of Humanities and Languages, Central University of Rajasthan. (25<sup>th</sup> - 29<sup>th</sup> May 2023). Special Lecture

#### **Dr. Sharita Sharma**

- “Indian Sign Language” at One week training programme for in service teachers/Principals of Army Public School, APS, Nasirabad (26 June 2023). Sensitization lecture
- “Language and the Brain: Issues in Neurolinguistics” in Refresher Course on “Towards Linguistic Diversity” by UGC HRDC, Jaipur. (27<sup>th</sup> July 2022). Invited lecture

#### **Dr. Mahboob Zahid**





- “Disability: Revisiting Everyday Experiences” in the international conference on “Disability and the Everyday: Interdisciplinary Perspectives” organized by Department of English, Central University of Rajasthan (8<sup>th</sup> - 10<sup>th</sup> February, 2023). Session Chaired
- “2 Days National Conference on Value, Social Consciousness and Relevance of Saint Literature” organized by Department of Modern Indian Languages, Aligarh Muslim University, Aligarh. (20<sup>th</sup> - 21<sup>st</sup> March, 2023). Resource Person
- “Different Theories of Translation in five days in house workshop on Translation at the School of Humanities and Languages, Central University of Rajasthan. (25<sup>th</sup> - 29<sup>th</sup> May 2023). Special Lecture

#### **Dr. Dhananjay Kumar Tiwari**

- “Legal Translation: Issues, Challenges & Mechanism” in “five days in house workshop on Translation at the School of Humanities and Languages, Central University of Rajasthan. (25<sup>th</sup> - 29<sup>th</sup> May 2023). Special Lecture
- “Different Types of Translation” in five days in-house workshop on Translation at the School of Humanities and Languages, Central University of Rajasthan. (25<sup>th</sup> - 29<sup>th</sup> May 2023). Special Lecture
- “Research and Innovation Humanities and Social Sciences” organized at Dev Samaj College for Women, Ferozepur City, Punjab on 29-02-2024. (Invited Lecture)

### **Department of Management**

#### **Prof. Uma Sankar Mishra**

- National seminar on “Tourism and Sustainability: An Inter-disciplinary Approach”; Organised by Dayanand College, Ajmer, Rajasthan, India (27<sup>th</sup> September, 2023). Keynote Speaker
- Faculty Development Program on “Research and Publications”; Organised by Centurion University of Technology and Management, Bhubaneswar, Odisha, India (24<sup>th</sup> -29<sup>th</sup> June, 2024). Resource Person

#### **Dr. Sanjay Kumar**

- Invited Lecture on Entrepreneurial Finance on 27<sup>th</sup> February 2024 at one week MDP on Entrepreneurship and startup, organised by MSME, DFO, Jaipur and BITS Technology enabling Centre, BITS Pilani

#### **Dr. Avantika Singh**

- Guest of Honour and Resource Person to deliver a talk on, ‘Rajasthan from the lens of climate change’, in Training Programme on Environment & Sustainability, organised by TERI at Mayo College Girls’ School, Ajmer on 21-22 August, 2023.
- Resource person to deliver talk on, ‘Intellectual Property Rights – Law and Practice’, in IDP-NAHEP Sponsored Three-Days Training on ‘Entrepreneurial Development Programme on Value Addition of Millets’, organised by Department





of Food Science & Nutrition, College of Community & Applied Sciences, MPUAT, Udaipur, 14-16 September, 2023.

- Resource person to deliver talk on, 'The foundations of entrepreneurship', sponsored by MSME and BITS-TEC, Pilani, and organised by Department of Electronics and Communication Engineering and Department of Management, CURAJ, 26 February to 01 March, 2024.
- Session Chair at First Technical Session of Two Days Bilingual National Seminar on Vanavil K. Ravi: Bahumukhi Kavi, organised at Dayanand College, Ajmer, by Tamil Cultural Research Centre, 28-29 July, 2023.

### **Dr. Ramulu Bhukya**

- Invited lecture delivered on "Marketing Essentials for budding Entrepreneurs" at One week MDP on Entrepreneurship & Startup during 26th February 2024 to 1st March, 2024 organized by Department of Management in association with Ministry of MSME, MSME-DFO, Jaipur, Department of Electronics & Communication Engineering & Department of Management, Central University of Rajasthan in association with BITS-Technology Enabling Centre, BITS Pilani.

## **Department of Mathematics**

### **Dr. Kamlesh Jangid**

- "Latex for beginners" in an Online Refresher course at UGC-Human Resource Development Center, B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan, Haryana on 27 December, 2023.
- "Latex: A scientific writing tool" in an Online Refresher course at UGC-Human Resource Development Center, B.P.S. Mahila Vishwavidyalaya, Khanpur Kalan, Haryana on 27 December, 2023.

### **Dr. Ram Kishor**

- "On the Generalised Photo-gravitational RTBP with Disc" in the 29th CONIAPS held during 21-23 July, 2023 at the Department of Applied Sciences, Shivalik College of Engineering, Dehradun, Uttarakhand. Invited Lecture
- "On the Existence analysis of Lagrange point-L1, stability analysis and possible application in different space missions" in the Meghnad Saha Memorial Workshop on Solar Astronomy Focused on Aditya-L1 Mission held during 4-6 December, 2023 at Dept. of Physics, University of Allahabad, UP. Resource Person.
- "On the Most Celebrated Unsolved Problem" in the National Mathematics Day seminar held on 22 December, 2023 at the Department of Mathematics, Central University of Rajasthan, Ajmer. Coordinator of event
- "On a celebratory problem of the Celestial Mechanics" in one-day national webinar 'Recent Progress in Mathematical Sciences' on the occasion of International Day of Mathematics held on Thursday, March 14, 2024 at the Department of Mathematics, Government Engineering College Bhojpur, Bihar.





#### Resource Person

- “Impact of a disc/belt in the generalized photo-gravitational RTBP” in the 10 days online Workshop on Recent Development of Mathematical Sciences on Biological and Dynamical systems with fuzzy and fractional environments during June 19–29, 2024 at Department of Mathematics, Mahadevananda Mahavidyalaya Barrackpore, Kolkata. Resource Person.

#### Dr. Vipul Kakkar

- Applications of fields in cryptography in the workshop on Mathematics in Day to Day Life during 21-22, December, 2023 at National Academy of Sciences, Prayagraj.

### Department of Microbiology

#### Dr. Nidhi Pareek

- Fungal catalysts mediated translation of chitin rich residual resources to organonitrogens and bioactives. Invited talk in 4th Annual Conference on “Recent Advances on Materials Science and Computational Techniques” held on April 4-6, 2024, at the Faculty of Science in collaboration with Department of Biotechnology and Chemical Engineering, Manipal University Jaipur (MUJ), India.
- Myco-chitinases mediated translation of coastal residual resources to bioactives, Invited talk in “International Conference on Microbial Technologies for Sustainable Bioeconomies” held on Jan 31- Feb 01 at Central University of Rajasthan, Ajmer, India.
- Towards rationalized recycling of nutrients for environment clean-up and waste-management: combinatorial process development employing microalgae. Invited talk in International Conference entitled “Recent Trends in Environment and Sustainable Development RTESD-2023” held on December 22-24, 2023 at the Vivekananda Global University, Jaipur, India.
- Combating phytopathogens using chitinolytic enzymes and chito-bioactives: an eco-competent sustainable solution. “International Conference on Advances and Innovations in Biotechnology for Sustainable Bioresources and Bioeconomy” (AI-BSBB2023) held on November 22-25, 2023 at AKS University, Satna, Madhya Pradesh, India.
- VIII International Conference on “Sustainable Energy and Environmental Challenges (VIII SEEC)” organized at the Malaviya National Institute of Technology Jaipur, India; Dec 4-6, 2023. (Session Chaired)
- “Malaviya Young Faculty Award” from Biotech Research Society of India during International Conference on New Horizons in Biotechnology (NHBT-2023) November 26-29, 2023; Trivandrum, Kerala, India.





- “Biotechnology Research Excellence Award” from Society of Life Sciences during International Conference on Advances and Innovations in Biotechnology for Sustainable Bioresources and Bioeconomy” (AI-BSBB2023) held on November 22-25, 2023 at AKS University, Satna, Madhya Pradesh, India.

## Department of Physics

### Prof. Manish Dev Shrimali

- “Machine learning and dynamical systems” in the UGC-Human Resource Development Centre, Jamia Millia Islamia, New Delhi, an Online 8<sup>th</sup> 2-Weeks Refresher Course in Basic Science, 22 Aug – 04 September, 2023.
- “Dynamics under regulated interaction and noise”, Online seminar, Faculty of Computer Science, HSE University, Moscow, Russia, Aug 11, 2023.
- Break-out-session on the “Perspectives in Reservoir Computing” in a Satellite Conference to STATPHYS-28 Japan, Perspectives in Nonlinear Dynamics (PNLD) at IIT Madras (1-4 August, 2023)

### Prof. Ajit Kumar Patra

- “Frustrated magnetic ground state of Mn based Heusler alloys” International Conference on Sustainable Development in Chemical and Material Sciences (SDCMS), Department of Chemistry and Chemical Sciences of the Central University of Jammu. (4-5 April 2024). Invited Lecture

### Dr. Neeraj Panwar

- “Photocatalytic performance of Rare-earth orthochromite-reduced graphene oxide nanocomposites for wastewater treatment”, International Conference on Nanotechnology Research and Innovation November 20-24, 2023, University of Aveiro, Portugal (online), Invited Lecture
- Chair of sessions “Nanofluids”, “Biomaterials”, “Nanocomposites”, “Ceramics” and “New Energy materials”, International Conference on Nanotechnology Research and Innovation, November 20-24, 2023, University of Aveiro, Portugal

### Dr. Brijesh Kumar Singh

- “XLV Symposium of the Optical Society of India, Conference on Optics, Photonics and Quantum Optics” (COPaQ-2022) at Indian Institute of Technology (IIT) Roorkee. (10-13 November 2023). Session Chaired
- “Mode conversion of cylindrical vector beams” Workshop on Optics Photonics: Theory and Computational Techniques and & Workshop on Sensors and Nanophotonics (OPTCT & SeNcity 2024) at Department of Physics, Indian Institute of Technology (IIT) Roorkee. (23-25 February 2024). Invited Talk

### Dr. Yugandhar Bitla

- “Materials for Future Flexible Electronics”, International Symposium on Materials Science ISMS 2024 organized by Department of Physics, Central





University of Rajasthan, (11-12 March 2024). Invited Lecture

- “Magnetic order in Manganites”, Webinar Series organized by the Department of Physics, School of Sciences & Humanities, SR University, Warangal on 23rd December 2023. (Online) Invited Lecture

#### **Dr. Rajendra Pawar**

- Green syngas (CO/H<sub>2</sub>) production via dry reforming route using photothermal catalyst; Advanced Materials Synthesis, Characterization and Applications 2023 (AMSCA 2023), Department of Physics, Savitribai Phule Pune University (SPPU), Pune, Nov. 21 – 24, 2023. Invited Lecture
- Distinctive Photocatalysts for Green Energy Technology; Faculty Development Program on The Impact of Emerging Technologies on Society, Mahila Engineering College, Ajmer, Dec. 11-15, 2023. Invited Lecture.

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

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

- “MGNREGA and achieving SDGs”. International Conference on Governance for Achieving Sustainable Development Goals (SDGs): Policy Innovations and Challenges in its Implementation, Woxsen University, Hyderabad. (10-11 October, 2023). Resource person.
- “Sustainable Developments Goals (SDG) Policies into Action”. International Conference on ‘Restructuring, Revamping and Rebuilding Independent India: Reforms in Agriculture, Administrative, Economic and Entrepreneurial Sectors’, Pandit Deendayal Energy University, Gujarat. (16-17 August, 2023). Resource person.
- “Governance in India”, Department of Political Science, University of Allahabad and UGC-HRDC, (9 December, 2023). Invited lecture.

#### **Dr. Gyana Ranjan Panda**

- Invited Lecture on “Combination of Research Methods (Qualitative and Quantitative Methods) and served as a distinguished resource person during “Three Day Workshop on “Research Methodology in Social Sciences” held on 10<sup>th</sup> -12<sup>th</sup> February 2024 organised by the Department of Political Science and Public Administration, Banasthali Vidyapitha, Rajasthan (11-12<sup>th</sup> February, 2024). Resource person
- Delivered lecture on the “Role of Big Data in Public Expenditure” in the One-Day National Seminar-cum-Orientation Programme held by the Department of Public Policy, Law and Governance in collaboration with Centre for Budget and





Governance Accountability. (11th August, 2023). Resource person.

### **Prof. S. Kandasamy**

- Chaired a Session on the One-Day National Seminar-cum-Orientation Programme held by the Department of Public Policy, Law and Governance in collaboration with Centre for Budget and Governance Accountability. (11th August, 2023). Chaired a Session.

## **Department of Social Work**

### **Prof. Jagdish Jadhav**

- Participated as a speaker for the session on Student Diversity and Social Inclusion at the consultative meet with HRDC Directors organized by CPRHE, National Institute of Educational Planning and Administration, New Delhi on 05-06 September, 2023
- Participated as a speaker for the session on Student Diversity and Social Inclusion in Higher Education on 28th February, 2024 at the HDRC, Guwahati University, Guwahati (Assam)
- Delivered a Valedictory address in National Conference on NEP 2020 : Building Pathways for Social Work Education on 30th April, 2024, organized by Tilak Maharashtra University, Pune, Maharashtra
- Delivered a Valedictory address in International Training Programme by Delhi University in collaboration with Northern Michigan University, USA on Social Audit: A Tool for Social Transformation on 04th April, 2024 at Delhi School of Social Work, Delhi University, New Delhi.

### **Dr. Dandub Palzoor**

- Chaired an inaugural session of 2-day Regional Workshop on “Promoting Active Aging through Care & Empowerment”, organized by Department of Social Work, Central University of Rajasthan on 21.03.2024 & 22.03.2024 in collaboration with National Institute of Social Defence (NISD), New Delhi.

### **Dr. Rajeev MM**

- Invited talk (International) on ‘India-China Partnership for ‘Effective Disaster Risk Reduction and Management’, in the International Symposium organized on ‘Economic situation, Policy visions and Sino-India relation in Post- Election in India by Sichuan Academy of Social Sciences (SASS) at Chengdu, China on 18th June 2024.
- Invited talk on ‘The Social Work Profession in India: Contemporary Practices and Prospects’ on 15th March 2024 at PSGR Krishnamal College for Women, Coimbatore, Tamilnadu, India.
- Invited talk on ‘Counselling in Disaster Management’ organised by Seva Bharati,





Kannur, Kerala on 15th March 2024.

### Dr. Shaizy Ahmed

- Delivered an online lecture on “Preparing Social Work Professions in classrooms: Reflections on skills and competencies” in National Symposium on Social Work Education: Reflections from classroom organized by Department of Social Work, Maulana Azad National Urdu University, Hyderabad in collaboration with NAPSWI on 16th August, 2023.
- Chaired Session on “Social Work Curriculum: Pedagogy and Pedagogical Challenges” in XIth Indian Social Work Congress 2023 on theme ‘Leave no one : Revisiting pedagogy and practice of Social Work in India’ organized by Department of Social Work, Maulana Azad National Urdu University, Hyderabad in collaboration with NAPSWI and UNFPA, India on 3- 5 th November, 2023.
- Delivered a lecture on “Gender Sensitization and POSH Act, 2013” for all the students of School of Social Sciences, Central University of Rajasthan organized by SPARSH Cell, Central University of Rajasthan on 30th Aug, 2024.
- Delivered an online lecture on Contemporary Social Work during the National Social Work Week Lecture Series organized by Centre for Social Work, Panjab University, Chandigarh in collaboration with Chandigarh Commission for Protection of Child Rights on 19th August, 2024.
- Delivered a lecture on “Promoting Roadmap for active ageing” in Two Days Regional workshop entitled “Promoting Active Ageing through Care and Empowerment” on 22nd March organized by Department of Social Work, Central University of Rajasthan in collaboration with National Institute of Social Defence, New Delhi between 21 & 22nd March, 2024.
- Chaired a session in Two Days Regional workshop entitled “Promoting Active Ageing through Care and Empowerment” on 21st March organized by Department of Social Work, Central University of Rajasthan in collaboration with National Institute of Social Defence, New Delhi between 21 & 22nd March, 2024.

## Department of Society-Technology Interface

### Dr. Kumar Sambhav Pareek

- Technical Session in National Seminar on “Emerging Trends of Indian Politics: Challenges and Possibilities” organised by Department of Political Science, SPC Govt. College Ajmer (20 January 2024). Chaired
- “Role of Digital technologies in Uplifting Elderly” in Two Days Regional Workshop entitled “Promoting Active Ageing through Care & Empowerment” organised by Dept. of Social Work, Central University of Rajasthan (21 March 2024). Panel Discussion

## Department of Sports Biosciences



**Dr. Sunil G. Purohit**

- Served as Resource Person for INSET Training Programme at SBV Rouse Avenue, New Delhi from January 2nd and 3rd, 2024
- On-field assessment and scientific support during the national wushu camp at SKISC, Srinagar, J & K, India in July 2023, organized by the Wushu Association of India.

**Dr. Shailendra Pratap Singh**

- Co-Chairman at 3<sup>rd</sup> Technical session at 7th National Conference of Sports Sciences PEFI, New Delhi. From 14th to 15th December 2023 at the prestigious Pragati Maidan, New Delhi, India. With the central theme "Sports Sciences: A Scientific Approach to Accelerate Athlete's Performance,"
- Participant in a panel discussion to mark National Science Day (NSD) 2024 at Central University of Rajasthan on March 1, 2024, regarding "Latest research in Science and its impact on day-to-day life."

**Dr. Neha Singh**

- Panelist at 7th National Conference Of Sports Sciences PEFI, 14th to 15th December 2023, Pragati Maidan, New Delhi, India. Central theme "Sports Sciences: A Scientific Approach to Accelerate Athlete's Performance," organized by the Physical Education Foundation of India under the auspices of the Ministry of Youth Affairs & Sports, Government of India.
- Distinguished speaker at Uttarakhand Sports Coaches Conclave held on 28 – 29 April 2024 at Rajiv Gandhi International Cricket Stadium, Dehradun, Uttarakhand. Department of Sports, Government of Uttarakhand & Physical Education Foundation of India (PEFI).

**Department of Sports Psychology****Dr. Guneet Inder Jit Kaur**

- "Management of Behavioral Problems of Adolescents & Sports Psychology of School Children" at the Induction program for newly recruited TGT's physical education (Female), organized by Navodaya Leadership Institute, Mavli, Udaipur (June 27, 2024). Invited Lectures.
- "Tool Framing and Development of Sports Science" for District Institute of Education and Training, Delhi. Invited Expert.
- "Applying Excellence in Counselling Services" at the Two-Days seminar, organized by AADI Career Guidance and Counselling Centre, Chandigarh. Invited Lectures (1<sup>st</sup>-2<sup>nd</sup> April, 2024).
- ICSSR Sponsored National Seminar on 'Impact of Science and Technology in Society', 27<sup>th</sup>-28<sup>th</sup> March, 2024, organized by Bebe Nanaki University College Mithra (Kapurthala), Punjab. Session Chaired.





- “Psychological Challenges of Ageing and Care Giving” at the Two days Regional Workshop entitled ‘Promoting Active Ageing through Care & Empowerment’, 21<sup>st</sup> March, 2024, organized by Department of Social Work, CURAJ in collaboration with National Institute of Social Defence, New Delhi. Invited Lecture.
- 3-day International conference on “Disability and the Everyday: Interdisciplinary Perspectives”, February 8-10, 2024, organized by the Department of English, CURAJ in collaboration with Indian Disability Society Collective (IDSC), New Delhi. Technical Session Chaired.
- “Physical Activity and School Going Children” at the PE Teacher Training, organized by ITC, Bounce of Joy and the Education Directorate of Rajasthan (5 February, 2024). Invited Lecture.
- “Emotional Competence” at the National Conference on “Elevating Grassroots: A Pathway to Health, Fitness and Olympic Excellence in India”, 15<sup>th</sup>-16<sup>th</sup> December, 2023, organized by Satyawati College University of Delhi and Physical Education and Sports Sciences Department STAIRS. Invited Lecture.
- “7<sup>th</sup> National Conference on Sports Sciences”, 14<sup>th</sup>-15<sup>th</sup> December, 2023, organized by Physical Education Foundation of India under the auspices of Ministry of Youth Affairs and Sports, GoI. Session Chaired.
- “Human Dimension of transition to Net Zero Pathways: Supporting Wellbeing in Sports” in the World Hydrogen Energy Summit & Expo on organized by Energy And Environment Foundation with the support of Ministry of New and Renewable Energy, Government of India & NITI Aayog (October 17, 2023). International Keynote Address.
- ‘Excellence in Sports: Redefining Psychological Preparedness’ in the International Conference on Mental Health and Behavioral Medicine (MHBM2023) Malaysia (September 21-22, 2023). International Keynote Address-Online.

## Department of Statistics

### Prof. Jitendra Kumar

- Delivered a lecture entitled “Empowering Governance with Statistical Wisdom: History, Principles and Vision 2047” Organized by Department of Statistics, Punjab University, Chandigarh in the Occasion of Statistics Day Celebration 2024 on June 29, 2024.
- Delivered an Expert talk entitled “Introduction to Time Series Analysis” in Ten Days Research Methodology Workshop on Quantitative and Qualitative Research in Social Sciences organized by Department of Commerce, School of Business and Management Studies, Central University of Haryana sponsored by Indian Council of Social Science Research (ICSSR) from 18-28, March 2024 on (March 21, 2024 during 10:20 to 1:30).





- Delivered a talk entitled “Statistics: Voice of Data on Basis of Data Analysis in Statistics in "Recent Trends in Qualitative Research in Social and Behavioral Sciences" Two-Weeks Capacity Building Programme organized by Vardhman Mahaveer Open University, Kota 324021 on December 5, 2023 (11:30 – 13:00)
- Delivered a talk entitled “Time Series Analysis” in "Recent Trends in Qualitative Research in Social and Behavioral Sciences" Two-Weeks Capacity Building Programme organized by Vardhman Mahaveer Open University, Kota 324021 on December 6, 2023 (10:00-11:30)6
- Delivered a lecture entitled “Time Series Models and Its Application on Agriculture” on one week training programme on “Empowering Agriculture Students with digital Tools and resources” during December 06-12, 2023, organized by The Division of Statistics and Computer Science in collaboration with NAHEP-IDP, SKUAST-Jammu.

#### **Prof. Arvind Pandey**

- Chief guest at National Seminar on Recent Advances in Statistical Theory and Applications in honor of Contributions of C.R. Rao in Statistics September 24, 2023. Department of Statistics, Banasthali Vidyapith.
- Chaired a session at ISPS conference at Department of Statistics, University of Allahabad. Feb 2024.
- Delivered a series of lectures. “Frailty Models in Survival Analysis”, through your guest lecture series from 21 April 2024 to 25h April 2024 organized by Department of Statistics Vivekanand College Kolhapur, Maharashtra.

#### **Dr. Deepesh Bhati**

- Delivered an Invited Talk in International Conference on Advances in Data Analytics and Official Statistics organized by Department of Statistics, Savitribai Phule Pune University, May 24-25, 2024.
- Delivered an invited talk in the National Conference on “Data Science and Applied Statistics” organized by, Department of Statistics, Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, India during January 12-13, 2024
- Delivered an invited talk an invited talk in National Conference on 'Recent Trends in Mathematical Sciences' (NCRTMS-2024)" organized by Department Statistics and Mathematics, Yashwantrao Chavan Institute of Science, Satara (Autonomous) held during March 18th and 19th, 2024.

#### **Dr. K Satish Kumar**

- Presented (Online) an Invited Talk on “Operations Research Models using R-Programming” in UGC sponsored National Conference on “Mathematics, Statistics and Data Analysis using “R” organised by Department of Statistics, Acharya Nagarjuna University, Guntur, Andhra Pradesh on 1<sup>st</sup> March 2024.





- Presented an Invited Talk on “Statistics and its importance in Modern World” organized by Siddhartha Mahila College, Vijayawada, Andhra Pradesh on 29<sup>th</sup> June 2024.

#### **Dr. Mahesh Barale**

- Delivered the lecture as the guest faculty on the topic “Applications of Resampling Methods” on 7th September 2023 at Rajarshi Chhatrapati Shahu College, Kolhapur.

#### **Dr. Saurabh Kumar**

- Delivered the Lecture as the guest Faculty on the topic “Analysis of Statistical Data with special reference to National Health Profile” on 18th October 2023 in CBHI In-Service Orientation Training Course on "HIM for Officers", Central Bureau of Health Intelligence, Jaipur, Rajasthan.
- Delivered the Lecture as the guest Faculty on the topic “An Overview of India’s Population Special Survey related to Health Information” on 18th October 2023 in CBHI In-Service Orientation Training Course on "HIM for Officers", Central Bureau of Health Intelligence, Jaipur, Rajasthan.
- Delivered the Lecture as the guest Faculty on the topic “Vital Statistics and their Source, Definition, & Measure of Fertility and Mortality” on 18th October 2023 in CBHI In-Service Orientation Training Course on "HIM for Officers", Central Bureau of Health Intelligence, Jaipur, Rajasthan.

### **Department of Yoga**

#### **Prof. Sanjib K Patra**

- Delivered invited talk on ‘Neurobiology of Sleep and Consciousness, at one day International Workshop on Mind-Body Intervention: Emerging status organized by CCRYN Collaborative Center for mind body intervention through Yoga PGIMER, Chandigarh on January 08, 2024.

#### **Dr. Kashinath G Metri**

- Delivered invited talk on ‘The role of Yoga in enhancement of cardiac autonomic function’ at one day International Workshop on Mind-Body Intervention: Emerging status organized by CCRYN Collaborative Center for mind body intervention through Yoga PGIMER, Chandigarh on January 08, 2024.
- Role of Yoga in Cardiovascular disease, Organized by Department of Yoga, Indira Gandhi National Tribal University, Amarakantak, MP on 15/06/2024.



## Faculty Publications

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### Department of Architecture

#### Prof. Neeraj Gupta

- “Regional socio-ecological impacts of wastewater reuse in peri-urban areas in the International Conference and Knowledge Series on inclusive, resilient, and sustainable human settlement in collaboration with Council of Architecture Training & Research Centre, Bhopal.

#### Ar. Vivekanand Tiwari

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### Dr. Hemanth Naick Banavath

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- Chattopadhyay, A. Tak, H.,& Banavath, H.N.Cell-Free Mitochondrial DNA as a Novel





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#### **Dr. Sunil G Purohit**

- Mohor Chattopadhyay, Sunil G. Purohit, Vivek Samania<sup>3</sup>, A Comparative Study of the Physical Performance Level of Elite Indian Wushu Players During Specific Preparatory and Pre-Competitive Training Period. IJEMS. 2023; 12(02):146.151.<https://ijems.net/index.php/ijem/article/view/258>
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#### **Dr. Shailendra Pratap Singh**

- Shen, Singh et al (2022), *Antioxidants*, 11, 1147. Adipocyte-Specific Expression of PGC1 $\alpha$  Promotes Adipocyte Browning and Alleviates Obesity-Induced Metabolic Dysfunction in an HO-1-Dependent Fashion. IF=7.648
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### **Department of Statistics**

#### **Prof. Jitendra Kumar**

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#### **Prof. Arvind Pandey**

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#### **Dr. Deepesh Bhati**

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- Aradhye, G., Tzougas, G., & Bhati, D. (2024). A Copula-Based Bivariate Composite Model for Modelling Claim Costs. Mathematics, 12(2), 350.
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#### **Dr. Sanjay Kumar**

- Kumar, S., Chhaparwal, P., Kumar, K., & Kumar, P. (2024). Generalized memory-type estimators for time-based surveys: simulation experience and empirical results with birth weight dataset. Life Cycle Reliability and Safety Engineering, 13(1), 15-23.
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#### **Dr. Satish Kumar Kalapala**

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## Department of Yoga

### Prof. Sanjib K Patra

- Das, M., Thajuddin, N., Patra, S., & Pundir, M. (2023). Mind-body techniques on Stress-induced Gut Microbiota dysbiosis in Asthmatics:-A narrative review. *Brain Behavior and Immunity Integrative*, 100040.
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### Prof. Raghavendra Bhat

- Shivaram, A.C., Ilavarasu, J., Bhat, R.(2024). Sound, Touch, Form, Taste, and Smell as Pathways for Meditation – A Review of Classical and Neuroscience Texts. *Journal of Applied Consciousness Studies*. 12(2): 97-108.
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### Dr. Kashinath G Metri

- Baishya, A., & Metri, K. (2024). Effects of yoga on hypothyroidism: A systematic review. *Journal of Ayurveda and integrative medicine*, 15(2), 100891. <https://doi.org/10.1016/j.jaim.2024.100891>
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- Metri, K. G., Raghuram, N., Narayan, M., Sravan, K., Sekar, S., Bhargav, H., ... & Revankar, R. (2023). Impact of workplace yoga on pain measures, mental health, sleep quality, and quality of life in female teachers with chronic musculoskeletal pain: A randomized controlled study. *Work*, 76(2), 521-531.

### **Book/Book Chapters/Editor of Book**

#### **Department of Commerce**

##### **Prof. Praveen Sahu**

Sahoo, M., & Sahu, P. (2023). Reviving India's Manufacturing Sector during COVID-19: A Study on the Atmanirbhar Bharat Package and Its Impact on the Indian Economy, Economics of Pandemic, Empowering Indian Economy, New Delhi Publishers, V, 1-16, ISBN: 978-93-56401-27-3.

##### **Dr. Sanjay Kumar Patel**

Patel, S.K., & Joshi, D. (March. 2024). Adoption of Fintech in Banking Sector: Opportunities and Challenges. Economics of Pandemic (Empowering Indian Economy), New Delhi Publishers, 33-46, ISBN: 978-93-56401-27-3.

##### **Dr. Priyanka Bhaskar**

Bhaskar, P., & Seth, N. (2024). Environment and sustainability development: A ChatGPT perspective. In *CRC Press eBooks* (pp. 54-62). eBook ISBN: 9781003471059. <https://doi.org/10.1201/9781003471059-8> SCOPUS

#### **Department of Culture and Media Studies**

##### **Prof. Amitabh Srivastava**





- Have written two Units for course on Swami Vivekanand, which is being developed by Indira Gandhi National Open University. One Unit is dedicated on Swami Ram Krishna Paramhans and second one is on Vivekanand's Vision of New India. Both the Units have been accepted by IGNOU in 2024.
- Contributed a chapter entitled "Nature, Environment & Media" for the book *The Media World* (Edited by Mr. Raghunath Singh) published by Ayah Media & Publishing Pvt. Ltd. 2022 (pp. 10-20, ISBN 978-93-94787-43-8).
- Contributed a chapter entitled "Filmon Mein Naxalvaad" in the book *Shahri Naxalvaad: Sach*, published by Shardha Prakashan (ISBN -978-93-92402-25-8, pp. 36-42)

#### Dr. Anoop Kumar

- Kumar, A. & Haneef, M.S.M. (2023). (Dis)Empowered Civic Voices in Social Media: An Episteme of Civic Engagement, Advocacy, and Social Change. In Baikady et al. (Eds.), *The Palgrave Handbook of Global Social Change*. Palgrave Macmillan, Cham. [https://doi.org/10.1007/978-3-030-87624-1\\_304-1](https://doi.org/10.1007/978-3-030-87624-1_304-1)
- Kumar, A. & Haneef, M.S.M. (2023). Understanding and Countering Fake News: Discourses and Reflections on Contemporary Information Ecosystem. In Thoubha et al. (Eds.), *Mass Media: Global Contours*. Shree Publishers & Distributors, New Delhi.

### Department of Microbiology

#### Prof. Pradeep Verma

##### Books

- Bhat, S. A., Kumar, V., Li, F., & Verma, P. (2024). Detection and Treatment of Emerging Contaminants in Wastewater.
- Verma, P. (Ed.). (2024). *Industrial Microbiology and Biotechnology: An Insight Into Current Trends*. Springer Nature.
- Mehmood, M. A., Verma, P., Shah, M. P., & Betenbaugh, M. J. (Eds.). (2024). *Pharmaceutical and Nutraceutical Potential of Cyanobacteria*. Springer International Publishing, Imprint: Springer.
- Verma, P., Agrawal, K., & Shah, M. P. (Eds.). (2024). *Polyphenol oxidases: Function, wastewater remediation, and biosensors*. De Gruyter.
- Kumar, V., Bhat, S. A., Verma, P., & Kumar, S. (2024). Recent Trends in Management and Utilization of Industrial Sludge.
- Verma, P. (Ed.). (2022). *Industrial microbiology and biotechnology*. Singapore: Springer.
- Verma, P., & Shah, M. P. (2023). *Clean Technologies Toward a Sustainable Future: Physicochemical, Biochemical and Biotechnological Approaches*. IWA Publishing.
- Mehariya, S., & Verma, P. (Eds.). (2023). *Algae Refinery: Up-and Downstream Processes*. CRC Press.

##### Book chapters

- Deepshikha, Verma, P., & Agrawal, K. (2024). 6 Polyphenol oxidase-based biosensors for the recognition of phenolic pollutants. In: *Polyphenol Oxidases:*





*Function, Wastewater Remediation, and Biosensors*, 147.

- Baranwal, A., Verma, P., & Agrawal, K. (2024). 9 Statistical strategies for analyzing the production of polyphenol oxidase. In: *Polyphenol Oxidases: Function, Wastewater Remediation, and Biosensors*, 223.
- Baranwal, A., Verma, P., & Agrawal, K. (2024). 10 Strategic adaptation for the enzymatic data analysis using ANOVA/MANOVA in R. In: *Polyphenol Oxidases: Function, Wastewater Remediation, and Biosensors*, 257.
- Kumar, B. & Verma, P. (2024). Enzymatic Hydrolysis of Lignocellulosic Biomass at High Solids Loading. In: *Handbook of Biorefinery Research and Technology*, 1-23.
- Marak, S. C. S., Verma, P., & Agrawal, K. (2024). Current trends in biological wastewater treatment: an advancement toward sustainability. In *Emerging Innovative Trends in the Application of Biological Processes for Industrial Wastewater Treatment* (pp. 189-208). Elsevier.
- Udaypal, Goswami, R. K., Mehariya, S., & Verma, P. Introduction to Microalgae and Its Refinery. In *Algae Refinery: Up-and Downstream Processes*. CRC Press. (pp. 1-28). CRC Press.
- Mudaliar, S., Agrawal, K., & Verma, P. (2023). Bioremediation: a green tool to remediate refractory pollutants. In: *Clean Technologies Toward a Sustainable Future*, 301.
- Mudaliar, S., Agrawal, K., & Verma, P. (2023). Fungi: a veritable tool for refractory pollutant remediation. In: *Clean Technologies Toward a Sustainable Future*, 283.
- Agrawal, K., & Verma, P. (2023). Nanofiltration: Unravelling the Potential of the Future. In: *Bio-Nano Filtration in Industrial Effluent Treatment* (pp. 35-48). CRC Press.
- Kumar, B., & Verma, P. (2023). Progress in Butanol Generation and Associated Challenges. In: *Sustainable Butanol Biofuels* (pp. 93-120). CRC Press.

### **Dr. Nidhi Pareek**

#### **Book Chapter**

- Kumari R, Vivekanand V, Pareek N (2023). Elimination of alkylphenols from wastewater using various treatment technologies in the book *Current Developments in Biotechnology and Bioengineering* edited by Haq I, Kalamdhad A, Pandey A, Elsevier, pp. 85-102. ISBN 978-0-323-91902-9.
- Kumari R, Vivekanand V, Pareek N (2023). Marine-based carbohydrates as a valuable resource for nutraceuticals and biotechnological application in the book *Marine Biochemistry* edited by Se-Kwon Kim, CRC Press, pp. 1-29. ISBN 9781003303916.





## Extramural Funded Projects

The Central University of Rajasthan is operating 81 research projects during the academic year 2023-2024 in its various departments cumulating to ₹ 44,48,73,007/-. 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, Indian Space Research Organization, Asia-Pacific Network for Global Change Research (Japan). More details about the 35 research projects sanctioned during 2023-24 are following:

### School of Earth Sciences

#### Department of Atmospheric Sciences

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Jayanti Pal</b>			
Development of Prediction Algorithm for Rapid Intensification (PARI) of Tropical Cyclone over North Indian Ocean. SPG/2022/001291	13.31 lac	29.08.2023 to 28.08.2026	SERB
<b>DST-FIST - Atmospheric Science</b>			
"DST-FIST - Atmospheric Science. SR/FST/ES-I/2023/117"	105.00 lac	2023-2028 (5 Year)	DST
<b>Dr. Devesh Sharma</b>			
Circulating and Ecological Sphere (CES) approach for carbon-neutral city-regions and rural revitalization in Ajmer, Rajasthan.	3.84 lac	12.02.2024 to 30.06.2024	IGES-Japan

#### Department of Environmental Sciences





Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Garima Kaushik (PI) &amp; Dr. Shailesh Kumar Patidar (CO-PI)</b>			
"Development of integrated remediation technology for degradation of microplastics using potential hydrocarbonoclastic microbial consortia. BT/PR45985/BCE/8/1777/2023"	37.79 lac	15.01.2024 to 14.01.2026	DBT
<b>Dr. Ritu Singh</b>			
"Risk assessment of Phthalate esters in a semi-arid region of Rajasthan and Development of an EES approach for SOIL Decontamination using eco-friendly nanomaterials. 25WS(006)/2023-24/EMR-II/ASPIRE"	10.50 lac	16.04.2024 to 15.04.2027	CSIR

**School of Life Sciences****Department of Biochemistry**

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>DST-FIST Biochemistry</b>			
"FIST Life Sciences Level B C or D - Project. SR/FST/LS-I/2023/1153"	118.00 lac	2024-2029 (5 Year)	DST
<b>DST-FIST Biochemistry</b>			
"A novel multi-targeting approach to develop immune antimalarial. EMDR/IG/10-2023-0000879"	123.65 lac	14.02.2024 to 13.02.2028	ICMR
<b>Dr. Dhaneswar Prusty</b>			
"Unravelling the role of endoplasmic reticulum membrane protein in drought-induced unfolded protein	48.04 lac	14.03.2024 to 13.03.2027	SERB





response for developing stress-resilient chichpea ( <i>Cicer arietinum</i> L.). CRG/2023/003167"			
<b>Prof. Sanjib Kumar Panda</b>			
"Unravelling the role of endoplasmic reticulum membrane protein in drought-induced unfolded protein response for developing stress-resilient chichpea ( <i>Cicer arietinum</i> L.). CRG/2023/003167"	85.44 lac	01.04.2024 to 31.03.2026	SPARC

### Department of Biotechnology

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Khem Raj Meena</b>			
Exploring microglial diversity from diara land/ dhab area of Bihar for plant growth augmentation and disease suppression in maize. EEQ/2021/000838	25.83 lac	07.08.2023 to 23.03.2025	SERB
<b>Prof. Pankaj Goyal</b>			
Deciphering the role of amyloidogenic coflins in the brain under pathological conditions including energy inhibition and oxidative stress: relevance to Alzheimer's Disease. CRG/2022/007356	34.76 lac	31.08.2023 to 30.08.2026	SERB
<b>Dr. Tarun Kumar Bhatt</b>			
Inhibiting glycosomal membrane biogenesis as a potential leishmaniasis treatment. EM/Dev/IG/18/1623/2023	60.60 lac	15.03.2024 to 14.03.2028	ICMR





<b>Dr. Jayendra Nath Shukla</b>			
Unraveling Spodoptera frugiperda effector proteins and their mode of action in suppressing plant immune responses. CRG/2023/006907	29.09 lac	19.03.2024 to 18.03.2027	SERB
<b>Dr. Jay Kant Yadav</b>			
Role of genetic and environmental factors in the onset of congenital cataract. SPARC/2024-2025/HCARE/P3871	71.16 lac	01.04.2024 to 31.03.2026	SPARC

**Department of Microbiology**

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Nidhi Pareek</b>			
Exploring Cooperatively Assisted and Conformationally Constrained Bifunctional Organocatalysts for Enantioselective Mannich and Michael Addition Reactions. MoE-STARS/STARS-2/2023/1017	44.01 lac	21.12.2023 to 20.12.2026	DST
<b>Dr. Akhil Agarwal</b>			
Non-Invasive Forster Resonance Energy Transfer (FRET) Operating Near-Infrared Benzothiazole-(Aza)Borondipyrromethene Based Fluorescent Probes for the Early Detection of Alzheimer's Disease. MoE-STARS/STARS-2/2023-0529	30.23 lac	22.03.2024 to 21.03.2026	SERB

**School of Chemical Sciences and Pharmacy**





## Department of Chemistry

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Easwar Srinivasan</b>			
Exploring Cooperatively Assisted and Conformationally Constrained Bifunctional Organocatalysts for Enantioselective Mannich and Michael Addition Reactions. MoE-STARS/STARS-2/2023/1017	20.00 lac	07.12.2023 to 06.12.2026	STARS
<b>Dr. Anuj Kumar Sharma (Co-PI) &amp; Dr. Raghu Chitta, NIT Warangal (PI)</b>			
Non-Invasive Forster Resonance Energy Transfer (FRET) Operating Near-Infrared Benzothiazole-(Aza)Borondipyrromethene Based Fluorescent Probes for the Early Detection of Alzheimer's Disease. MoE-STARS/STARS-2/2023-0529	1.00 lac	26.09.2023 to 25.09.2026	STARS
<b>Dr. Pankaj Gupta</b>			
Towards on-site detection of heavy metal ions and PFAS in drinking water. DST/INSPIRE/04/2022/001046	35.00 lac	01.08.2023 to 31.07.2028	DST Inspire Faculty Grant
<b>DST-FIST – Chemistry</b>			
DST-FIST - Chemistry. SR/FST/CS-II/2023/282	243.00 lac	2023-2028 (5 Year)	DST
<b>Dr. Pankaj Gupta</b>			
Electrochemical biosensor for glucose. F&A/23-24/Sales/P-0094	13.06 lac	01.01.2024 to 30.04.2025	CANATU





<b>Dr. Thirumoorthi.R.</b>			
Exploitation of Organotin Derivatives or Inorganic Tin Halides Towards the Synthesis of Organic Compounds. CRG/2023/003075	28.69 lac	23.01.2024 to 22.01.2027	SERB
<b>Dr. Chandrakanta Dash</b>			
Development of high valent cobalt catalysts for the synthesis of bioactive heterocycles via C-H bond functionalization. CRG/2023/003598	44.35 lac	14.02.2024 to 13.02.2027	SERB

### Department of Pharmacy

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Umesh Gupta</b>			
"Exploration of aptamer Gint4.T based dendrimeric carrier for the brain delivery of anticancer drug temozolomide. DST/INT/BLR/P-33/2023 (G)"	8.18 lac	30.07.2023 to 29.07.2025	DST
<b>Dr. Devesh M Sawant</b>			
"Targeting the frameshift site of SARS-CoV2 with focused RNA libraries using dual-Luciferase reporter assay. CRG/2022/001303"	23.54 lac	07.09.2023 to 06.09.2026	SERB
<b>Dr. Devesh M Sawant</b>			
"Design synthesis and preclinical evaluation of next generation PET radiotracers using hydrophobic linker tethered metal chelators for theranostic targeting fibroblast activation protein. EM/Dev/SG/62/3497/2023"	63.98 lac	01.03.2024 to 28.02.2027	ICMR





## School of Mathematics, Statistics and Computational Sciences

### Department of Computer Science

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Abhay Kumar Rai</b>			
Development of a Computational Framework to Identify the Key Actors in Clandestine Networks. ICSSR/RPD/MN/2023-24/G/124	8.00 lac	01.02.2024 to 31.01.2025	ICSSR
<b>Dr. Basant Agarwal</b>			
System for monitoring and intellectual analysis of web "Safe web space". DST/INT/BLR/P-38/2023 (G)	13.12 lac	03.07.2023 to 31.03.2025	DST
<b>Dr. Basant Agarwal</b>			
Early and automated diagnosis of dysgraphia using deep neural network. SEED/TIDE/2019/705 (G)	18.01 lac	17.08.2023 to 16.08.2024	DST

### Department of Mathematics

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Asha Kumari Meena</b>			
High-Order Numerical Schemes for Two-Fluid Plasma Equations. EEQ/2023/000453	22.93 lac	17.02.2024 to 16.02.2027	SERB

## School of Physical Sciences



**Department of Physics**

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Siddharth Dwivedi</b>			
"Multi-boundary entanglement in Chern-Simons theory. SRG/2023/001023"	17.75 lac	22.12.2023 to 21.12.2025	SERB
<b>Dr. Kuldeep Suthar</b>			
"Emergent collective phenomena in quantum many-body physics. SRG/2023/001569"	28.21 lac	01.04.2024 to 31.03.2026	SERB
<b>Dr. Rajendra Charandeo Pawar</b>			
Development of Green Syngas (CO/H <sub>2</sub> ) technology via solar dry reforming reaction at low temperature. SPARC/2024-2025/ENSU/P3732	48.72 lac	07.02.2024 to 06.02.2026	SPARC

**School of Sports Sciences****Department of Sports Biochemistry**

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
<b>Dr. Shailendra Pratap Singh</b>			
"The impact of various factors on the permeability of the endothelial barrier in the pathogenesis of cardiovascular diseases: the development of corrective therapies. SRG/2023/000160"	32.31 lac	27.12.2023 to 26.12.2025	SERB
<b>Dr. Shailendra Pratap Singh</b>			
"Clinical Application of PGC-1 alpha induction in the metabolic disorders induced pathophysiology and therapeutics. K-15015/22/2023-SP.V(30695)"	49.81 lac	"2023-2027 (4 Year)"	HRDS





## Thesis and Dissertations

The students in various departments of the University submit a dissertation/ thesis towards the completion of their postgraduate/ Ph.D. degree. This chapter contains the list of Ph.D., M.A., M.Arch., MBA, M.Com., M.Sc., M.Tech. dissertation and thesis completed by students under the guidance of their respective supervisors. The following list contains the details of the students' thesis and dissertations.

### Ph.D. Thesis

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Mohammed Abulebda - 2018PHDSTA002	Statistics	Dr. Arvind Pandey	Bivariate Distribution: Copula, Properties and Estimation	03.07.2023
Mr. Shubham Srivastava ( 2014PHDPHARM07)	Pharmacy	Dr. Ruchi Malik	Targeted Design, Synthesis and Biological Evaluation of Novel Kinase Inhibitors	03.07.2023
Ms. Pooja Yadav (2017PHDCOM02)	Commerce	Prof. Praveen Sahu	Evaluation of Selected Mutual Fund Schemes in India: An Empirical Analysis of Risk-Return & Performance	05.07.2023
Mr. Jyotirmoy Dey (2015PHDCH03)	Chemistry	Dr. Chandrakanta Dash	Development of Transition Metal Based Catalysts for Atom/Group Transfer Reactions and Azide-Alkyne Cycloaddition	20.07.2023
Mr. Veerendra Singh Bareth (2014PHDHINDI07)	Hindi	Dr. Suresh Singh Rathore	विजयदान देथा के कथा साहित्य में लोकजीवन : मनोविश्लेषणात्मक अध्ययन	31.07.2023
Ms. Masuma Khawary (2019PHDMB05)	Microbiology	Dr. Deeksha Tripathi	Functional Characterization of Rv2462 of Mycobacterium tuberculosis for its role	07.08.2023





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
			in stress response and immunomodulation	
Mr.Mahesh Kumar Yadav (2018PHDPH002)	Physics	Dr. Neeraj Panwar	Synthesis and Characterization of Graphene Oxide based Materials for Various Potential Applications	07.08.2023
Ms.Emilda Sahajan (2019PHDPH002)	Physics	Prof. M.D. Shrimali	Noise-Induced Phenomena in Dynamical Systems	08.08.2023
Mr. Swarnendu Mandal (2019PHDPH011)	Physics	Prof. M.D. Shrimali	Reciprocity of Dynamical Systems and Reservoir Computing	14.08.2023
Mr. Rahul Kumar (2017PHDEN01)	English	Dr. Bhumika Sharma	Praxis of the 'Popular': Resistance and Re-formations in the Poetry of Kabir and Bulleh Shah	25.08.2023
Ms. Sukanya Singh (2018PHDEDU002)	Education	Dr. Anjali Sharma	Effectiveness of Growth Mindset Pedagogical Intervention on Implicit Theory of Intelligence, Resilience and Academic Achievement in Science of Middle-Stage School Students	08.09.2023
Ms. Swati Mazta (2015PHDEN05)	English	Late Prof. Supriya Agarwal	Role of Nonverbal Communication in Enhancing Teaching Learning of English at Tertiary Level with Reference to Shimla and Ajmer	12.09.2023
Ms. Raveena Kousar (2018PHDSW001)	Social Work	Dr. Subhasis Bhadra	Impact of Border Conflict on the Development of the	12.09.2023





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
			Children in the Frontier Areas of the Jammu Region	
Ms.Jyoti Joshi (2018PHDEDU001)	Education	Dr. Narendra Kumar	A Study of Cultural Intelligence, Cross-Cultural Adjustment, Acculturative Stress in Relation to Academic Achievement of International Students	13.09.2023
Ms.Sarita Bugalia (2018PHDMT005)	Mathematics	Dr. Jai Prakash Tripathi	Analysis of some delayed and non-delayed epidemic models with different intervention strategies	25.09.2023
Mr. Himanshu Kumar Bairwa(2017PHDMB01)	Microbiology	Dr. Akhil Agarwal	Distribution of Mycosporine Like Amino Acids Producing Cyanobacteria in Climatic Regions of Rajasthan	06.10.2023
Ms. Jyoti Pali (2016PHDSW03)	Social Work	Dr. Atiq Ahmed	Psycho-Social Interventions to Promote Menstrual Adjustment, Management, and Wellbeing among Adolescent Girls of Rural Rajasthan	10.10.2023
Ms. Priyanka(2019PHDMB09)	Microbiology	Dr. Arvind Pratap Singh	Antimicrobial Resistance in Food Plants-origin Escherichia coli strains with their Potential to cause Urinary Tract and other Extraintestinal Infections	20.10.2023





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Sunil Kumar Chopra(2016PHDPP LG02)	PPLG	Dr. S. Kandasamy	Right to Health : A Study of Implementation of Chief Minister Free Medicine Scheme in Rural Rajasthan	11.10.2023
Ms. Garima Gianchandani(2015P HDEN02)	English	Prof. Sanjay Arora	Relevance of Testing Grammatical Competence in Recruiting Exams in Rajasthan	20.10.2023
Ms.Garima Khangarot (2018PHDCOM001)	Commerce	Prof. Praveen Sahu	A Study of Promotional Strategies and Policies for Sustainable Tourism in Rajasthan: An Empirical Analysis	27.10.2023
Mr. Ratan Lal (2018PHDMT001)	Mathematics	Dr. Ram Kishor	Some Problems in the Theory of Groups and Their Transversals	10.11.2023
Mr. Avimanu Sharma (2018PHDEVS002)	Environmental Science	Dr. Ritu Singh	Synthesis and Evaluation of Phytonutrient Loaded Nano zeolite-based Fertilizers	16.11.2023
Ms. Manu Priya (2015PHDSW02)	Social Work	Dr. Shaizy Ahmed	Nutritional Needs & Caregiving Practices: An Assessment & Intervention with Children of Sahariya Tribe in Baran District of Rajasthan	16.11.2023
Mr. Mohammed Aamir(2015PHDSW03)	Social Work	Dr. Rajeev MM	A Study on Quality of Life and Social Support Systems of Silicosis Patients in Rajasthan	17.11.2023
Mr. Kishor Mehra	Economics	Dr. S. Murthy	Human Capital, Innovation and Total	17.11.2023





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
(2018PHDEC001)			Factor Productivity Growth in India	
Mr. Pushpender(2018PHDCOM004)	Commerce	Dr. Sushila Kumari Soriya	Valuation and Reporting of Intellectual Capital and its association with Competitive Advantage: A Study of Indian Public and Private Sector Enterprises	20.11.2023
Ms. Poonam Meena(2018PHDMT003)	Mathematics	Dr. Ram Kishor	A Study of Stable Motion in Photo-Gravitational Elliptic Restricted Four Body Problem	20.11.2023
Ms. Usha Kantiwal(2016PHDBT02)	Biotechnology	Dr. Janmejy Pandey	Screening and characterization of small molecule inhibitors of the test proteins as potential targets for inhibition of biofilm formation by Bacillus subtilis	20.11.2023
Mr Rajendra Prasad (2014PHDEN08)	English	Prof. Sanjay Arora	Impact of Social Media on Language Use: A Socio-Cultural Study of the Youth in Ajmer District	28.11.2023
Ms.Priyanka Meena (2018PHDCOM002)	Commerce	Prof. Praveen Sahu	Customer Relationship Management: Magnifying, Measuring and Managing- An Empirical Analysis of Public and Private Insurance Companies	07.12.2023
Mr. Hari Ram(2016PHDSW03)	Social Work	Prof. Jagdish Jadhav	Changing Livelihood Practices And Social Exclusion Among The	15.12.2023





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
			Particularly Vulnerable Tribal Group: A Case Study Of Pahadi Korwa In Korba District of Chhatisgarh	
Ms. Jyoti(2019PHDPH004)	Physics	Dr. Rajneesh Kumar Verma	Bio -sensing Applications of Fiber Optic Sensors Utilizing Different Techniques	18.12.2023
Ms. Parthvi Rastogi(2019PHDCOM002)	Commerce	Dr. Sushila Kumari Soriya	Exploring the Determinants and Perception on Integrated Reporting: Insights from Indian Listed Companies	18.12.2023
Ms. Poonam Kumari (2018PHDCOM002)	Commerce	Dr. Sanjay Kumar Patel	Measurement and Reporting of Carbon Footprints: An Empirical Study of Fair Value Disclosure of Environmental Cost on Financial Performance	26.12.2023
Mr. Satyaban Sahoo(2019PHDMBA07)	Management	Dr. Sanjay Kumar	Long Term Relationship and Spillover among Sectoral Indices of Emerging and Developed Capital Markets	27.12.2023
Ms. Kavita(2019PHDPH005)	Physics	Dr. Rajneesh Kumar Verma	Nanostructure Coated Optical Fiber Sensors for Clinical Applications	05.01.2024
Mr. Pawan Kumar Singh(2019PHDSTA008)	Statistics	Prof. Arvind Pandey	Some New Probability Distributions: Statistical Inference and Applications	10.01.2024
Mr. Omprakash Sunda(2018PHDHIN)	Hindi	Dr. Sandeep Ranbhirkar	हिंदी कविता में अभिव्यक्त किसान चेतना: एक अनुशीलन	19.01.2024





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
DI02)			(1990 से 2020 के विशेष संदर्भ में)	
Ms. Anju Devi (2019PHDSTA003)	Statistics	Dr. Mahendra Saha	Study on Some Problems of Statistical Process Control	24.01.2024
Ms. Anushka Srivastava(2019PHD CMS001)	CMS	Dr. Neeru Prasad	Media efficacy and Health Awareness in India: A Study among Women in Lucknow, Uttar Pradesh	25.01.2024
Ms. Monalisha Behera(2016PHDES02)	Environmental Science	Dr. Ritu Singh	Removal of Endocrine Disrupting Chemicals from Water using Metal Nanoparticles	25.01.2024
Mr. Saty Prakash Bharti (2018PHDPH006)	Physics	Dr. Sukhmander Singh	Investigations on Electrostatic Resistive Instabilities in Hall Thruster: Effects of Electron Beam Density and Axial-Radial Components of Magnetic Field	19.02.2024
Ms. Mamta Yadav (2018PHDHINDI01)	Hindi	Dr. Suresh Singh Rathore	इक्कीसवीं सदी में राजस्थान का हिंदी कहानी लेखन: महिला और पुरुष लेखन दृष्टि का तुलनात्मक अध्ययन (2001 से 2020 तक के विशेष संदर्भ में)	29.02.2024
Ms. Kiran Kumari(2017PHDCH03)	Chemistry	Dr. Easwar Srinivasan	Rational Design of Bifunctional Organocatalysts for Asymmetric C-C Bond Forming Reactions	15.03.2024
Ms. Rajkiran Kumari (2017PHDCH06)	Chemistry	Dr. Easwar Srinivasan	Applications of Morita-Baylis-Hillman Reaction Derived Activated	18.03.2024





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
			Olefinic Systems for C-C and C-Heteroatom Bond Forming Transformations	
Ms.Ritu Raj Lakshkar(2017PHDC H07)	Chemistry	Dr. Chandrakanta Dash	Designing new class of zinc, gold, and palladium based catalysts for carbon-nitrogen bond forming reactions and arylation of azoles	22.03.2024
Ms.Sukanya(2015PHDPHARM06)	Pharmacy	Dr. Ruchii Malik	Design, Synthesis and Biological Evaluation of Glycogen Synthase Kinase-3 $\beta$ Inhibitors as Potential anti-Alzheimer's Agents	22.03.2024
Mr.Mohd Mudassir (2019PHDSTA007)	Statistics	Prof. Jitendra Kumar	Statistical Modeling of Merger and Acquisition (M&As) in Time Series Framework	01.04.2024
Ms.Deepika Sahil (2017PHDCH01)	Chemistry	Dr. Chandrakanta Dash	Development of New Nickel, Ruthenium and Copper Catalysts for C-H bond Functionalization and 1,3-Dipolar Cycloaddition Reactions	01.04.2024
Mr.Padma Thinless(2018PHDEN002)	English	Dr. Devendra Rankawat	The Idea of Nation in English Fiction: A Study of Select Pre- and Post-Independence Novels	04.04.2024
Ms. Kisturi Dhanwant(2017PHDCH04)	Chemistry	Dr. Thirumoorthi	Experimental Investigation on Naphthyl Substituted Organotin/Organosilicon Derivatives	19.04.2024





Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Atul Jakhar(2019PHDMT 002)	Mathematics	Dr. Anand Kumar	A Study of Instability in Newtonian Fluid	17.05.2024
Mr.Rince Raju(2018PHDEN005)	English	Dr. Devendra Rankawat	Adjustment Strategies among Contemporary Malayali Diaspora in and outside India: A Study of Select Fiction by Benyamin and M Mukundan S	20.05.2024
Mr. Ajay Mahor(2019PHDPHA RM005)	Pharmacy	Prof. Amit Kumar Goyal	Improvement of Oral Bioavailability of Amphotericin B through In-silico Approaches	25.04.2024
Mr.Kuldeep Singh (2019PHDPH006)	Physics	Dr. Neeraj Panwar	A Study on the Physical Properties of Some Rare-Earth Free Pyrochlores	03.06.2024
Mr.Gaurav Meena(2020PHDCS001)	Computer Science	Dr. Krishna Kumar Mohbey	Deep learning based approaches for sentiment analysis	03.06.2024
Ms.Mausam Kumari(2018PHDMT 007)	Mathematics	Dr. Vijay Kumar Yadav	On Algebraic and Categorical Study of Fuzzy and Rough Automata	03.06.2024

(RS – Research Supervisor; JS – Joint Supervisor)

## DISSERTATIONS (PG)

### DEPARTMENT OF ARCHITECTURE

Candidate Name	Title of the Dissertation	Supervisor Name	Design Thesis	Supervisor Name
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Candidate Name	Title of the Dissertation	Supervisor Name	Design Thesis	Supervisor Name
Adrika Muhuri	Age - Friendly Community: Exploring perception of Senior citizens in residential areas of Jaipur	Prof. Neeraj Gupta	Sustainable Residential Complex at Kolkata	Prof. Neeraj Gupta & Ar. Bibekananda Mandal (External Guide)
Aryan Gupta	Analyzing Students Mobility to School in Neighborhoods of Kanpur	Dr. Swagatika Mishra	Boarding School at Kanpur	Ar. Ritu B Rai
Charvie Navin Patel	Evaluation of Recreational Spaces for enhancing Social interaction among Adolescents in a High-Rise Development at Jaipur city.	Dr. Swagatika Mishra	IIIT Vadodara campus	Prof. Neeraj Gupta
Damini Saluja	Pilgrimage to temple towns of India and its sustainable rejuvenation	Ar. Ritu B Rai	Theological Village and Cultural Arena, Raya, Mathura - Vrindavan	Ar. Ritu B Rai
Dharavath Jaicharan	Feasibility of thermal mass to enhance thermal comfort and energy savings in school buildings of hot and humid climate	Dr. Sunil Sharma	Sustainable international school design	Ar. Ritu B. Rai
Khushboo	Understanding of blue green infrastructure at various levels	Ar. Vivekanand Tiwari	IIT Delhi Extn. Campus, Sonipat	Ar. Vivekanand Tiwari
M Pradeep Kumar	Towards flood resilient urban neighborhood:	Ar. Vivekanand	Legislative complex, Naya	Ar. Vivekanand





Candidate Name	Title of the Dissertation	Supervisor Name	Design Thesis	Supervisor Name
	Identifying potential indicators for effective strategies.	Tiwari	Raipur	Tiwari
Mansi Ashok Parwal	Unexplored Water treasure(stepwells) of Vidarbha region, Maharashtra: A case study of three stepwells	Ar. Vivekanand Tiwari	VIVAN' - Eco Housing development project	Ar. Vivekanand Tiwari
Pratibha Verma	Potential use of traditional building construction practices in national chambal gharial wildlife sanctuary : A case study of Chakarnagar, Etawah, Uttar Pradesh	Ar. Vivekanand Tiwari	Village Resort, Etawah	Ar. Vivekanand Tiwari
Rahul Tak	Role of daylighting in forts of Dhundhar region- An analytical study of forts of Jaipur(cases of Amber and Nahargarh fort)	Ar. Mahesh Kumar	Mixed use development Hyderabad	Ar. Ritu B. Rai
Samata Dodiya	Analyzing user satisfaction within Girl's Hostel of higher educational institutions in India	Ar. Ritu B. Rai	Group housing, Yavatmal	Ar. Ritu B. Rai
Shivam Kumar	Exploring pattern language as a tool for analysing rural settlement at Rohtasgarh plateau: a study of Christopher alexander's 'a pattern	Ar. Ritu B. Rai	Buddha Samyak Darshan Sangrahalaya, Vaishali	Ar. Ritu B. Rai





Candidate Name	Title of the Dissertation	Supervisor Name	Design Thesis	Supervisor Name
	language'			
Sumbul Shameem	Analyzing women's perception of neighborhood walkability in different residential areas in Jaipur city	Dr. Swagatika Mishra	Industrial township, chennai	Prof. Neeraj Gupta
Tamanna Sharma	Creating Change: The Power Of Community Participation In Achieving Sustainable Higher Education Institute	Ar. Ritu B. Rai	Technical University, Greater Noida	Ar. Ritu B. Rai

#### Department of Atmospheric Science

Candidate Name	Title of the Dissertation	Supervisor Name
Firnas Shamsu P P	Impact of Climate Change on the Hydrologic Regime using HEC-HMS and Bias Corrected CMIP6 GCMs Over Upper Godavari River Basin, India	Dr. Devesh Sharma
Madhuri Vaishnav	Drought Projection using Statistical Downscaling Model and CMIP5 GCMs over Ajmer, India	Dr. Devesh Sharma
Mukesh	Flood Hazard Mapping of Damodar River Basin using GIS and Analytic Hierarchy Process (AHP) Method	Dr. Devesh Sharma
Natarajan N	Modelling the Impact of Climate Change in Hydrological Regime on Upper Cauvery River Basin using SWAT Model	Dr. Devesh Sharma
Pardeep	Assessment of Desert Vulnerability using Desertification Index over Mahi River Basin, India	Dr. Devesh Sharma





Candidate Name	Title of the Dissertation	Supervisor Name
Sakshi Singh	Delineation of Gangotri Glacier and Estimation of Mass Balance using Accumulation Area Ratio	Dr. Devesh Sharma
Alfred Thomas Jose	Association of Atmospheric Rivers with Occurrences of Western Disturbances: Observational and Modelling Approaches using Wrf-Arw	Dr. Subrat Kumar Panda
Fathima Nima KK	Impact of Initial and Boundary Conditions in Lightning Simulation using Wrf Modelling System	Dr. Subrat Kumar Panda
Paushali Deb	3dvar Meteorological Data Assimilation and Aerosol Impact on the Simulation of Heat Wave 2022 Over Haryana, India Using Wrf-Chem	Dr. Subrat Kumar Panda
Swathi V S	Effect of Dust Storm Dynamics on Lightning: A Modelling Approach	Dr. Subrat Kumar Panda
Debanandan Mahapatra	Quantifying the contribution of Kishangarh's industrial pollution to the total particulate matter loading over surrounding regions	Dr Chinmay Mallik
Krishnendu S	Investigating the impact of Aerosol-cloud interactions on Precipitation patterns in india	Dr Chinmay Mallik
Sandip Nandy	Analyzing The Impact of Lightning on nox generation Over Lightning Hotspots in India	Dr Chinmay Mallik
Sonu Yadav	Assessment of particulate matter over Central University of Rajasthan, Kishangarh in contrasting seasonal patterns	Dr Chinmay Mallik
Vasana Madhuri Sai Lata	Analyzing the Mechanism of the Brown Ocean Effect	Dr. Jayanti Pal
Niranjana Krishna	Analyzing The Heat Wave and Its impact on Heat stress a comparative study between Rajasthan and Andhra Pradesh	Dr. Jayanti Pal
Anaswara S R	Sensitivity Study on Cloud Microphysics on Squall Line Simulation	Dr. Jayanti Pal





Candidate Name	Title of the Dissertation	Supervisor Name
Ankith V A	Quantitative Precipitation Estimation Using Z-R Relationship from Doppler Weather RADAR	Dr. Jayanti Pal
Risna Usman A	Rapid INTensification of Tropical Cyclone Over North Indian Ocean	Dr. Jayanti Pal
Ayush Kumar Sinha	Assessment of Carbonaceous Aerosols over Delhi with Merra-2 and the Analysis of Ground Based Data	Dr. Jai Prakash
Dilna Anand M	Diurnal and Seasonal Variability of Pm2.5 in two Different Climate Region of India using Merra-2 Products and Ground-Based Measurements	Dr. Jai Prakash
Sargapriya M V	Air Quality Assessment and their Seasonal Variation in Non-Attainment Cities of Rajasthan	Dr. Jai Prakash
Tufail Ahmed	Chemical Characterizations of Pm 2.5 and their Sources, and Health Risk in Urban Site of Delhi	Dr. Jai Prakash

#### Department of Biochemistry

Candidate Name	Title of the Dissertation	Supervisor Name
M.Sc. Dissertation (2023-24 Batch)		
Rinku Yadav	Genome wide and Expression Analysis of Calcium Transporting ATPase4Gene in Response to Multiple Abiotic Stress Condition	Dr. Dipak Gayen
Ayushee Sharma	Assessment of Microbiome Metabolites on the Host Immunity and their Effect on Acinetobacter Baumannii	Dr. Vishvanath Tiwari
Arunima Jaiswal	Unravelling the Role of DANCER In Breast Tumorigenesis	Dr. Bhawana Bissa
Jaya Kumari	Designing Aptamer for Targeted Antimalarial Drug Delivery	Dr. Dhaneswar Prusty





Harshita Bhatt	Assessment Of Antimicrobial Activity Of Isolated Soil Bacteria And Its Metabolite On Acinetobacter Baumannii.	Dr. Vishvanath Tiwari
Durgawati Komare	Understanding Anti - Cancer Effect Of Rutin In Breast Tumorigenesis.	Dr. Bhawana Bissa
Monika	miR200c Regulates NFATC1 To Target CSF-1 Responsible For Osteoclastic Activity.	Prof. Chandi C. Mandal
Kanchan	Investigation Of Extracellular Metabolites Secreted BY probiotics Over The Biofilm And Persister Cell Of Acinetobacter Baumannii.	Dr. Vishvanath Tiwari
Prashansa Goel	Regulation of Unexplored ZSWIM3 Expression In BRCA Cells And Its Drug Candidate Identification	Prof. Chandi C. Mandal
Aman Kumar	Natural Genetic Variation Of Vitamin C Biosynthesis In Rice Germ Plasm .	Prof. Sanjib K. Panda
Ashwarya Goswami	Development Of Plumbagin Functionalised Silver Nanoparticles ; Implications For Antioxidant And Antidiabetic Activity	Dr. Hemant Kumar Daima
Pranay Bundel	Facile Synthesis of Silver Nanoparticles with Functional Surfaces ; Exploring Antibacterial , Free Radical Scavenging And Heavy Metallon Adsorption Properties .	Dr. Hemant Kumar Daima
Diksha Sandeep Raut	Anti Oxidant And Anti -Diabetic Activities OF Plumbagin -Modified Gold Nanoparticles .	Dr. Hemant Kumar Daima
Ritik Garg	Exploring The Relationship Between Expression Of Various Zinc Finger proteins In Breast Cancer .	Prof. Chandi C. Mandal
Roopal Saini	Assessment Of Antimicrobial Potential OF Synthetic And Microbial Bioactive Compounds .	Dr. SHIV SWAROOP
Shashwati Pragya	Surface Modification Of Isoniazid - Reduced Gold Nanoparticles for Hemocompatibility	Dr. Hemant Kumar





	And Antibacterial Applications.	Daima
Shubhi Bindal	Basic Amino Acids Functionalized Gold Nanoparticles ; Evaluation Of Genome Interaction And Biosensing Potential .	Dr.Hemant Kumar Daima
Vijya	Characterization Of Microbiome From Soils Of Arid Zone Agroecosystem of Rajasthan .	Prof.Sanjib K. Panda
Rajat Kumar	Identification Of Hit Compounds Against Calcium Dependent Protein Kinase(CDPK) Of Plasmodium Falciparum And Protein Purification Of PFCDPK1	Dr. Dhaneswar Prusty
Anjali Singh	Exploring The Antimicrobial Potential of Soil Microbial Community; Isolation Bioactivity Assessment Of Secondary Metabolites .	Dr.SHIV SWAROOP
Nandini Agarwal	In Silico Identification And Expression Analysis of E3 Ubiquitin Ligase In Cicer Arietinum Under Different Abiotic Stress.	Dr. Dipak Gayen
Aparna Ramakrishnan P N	Cloning And Transformation Of The CaFBN6 Gene ; A Molecular Approach .	Dr. Dipak Gayen
Lisa Rani Bisoya	Biochemical And Genetic Screening Of ACC deaminase Activity In PGPR From Bikaner Region .	Dr.SHIV SWAROOP
Gaurav Mishra	Exploring Antimicrobial properties Of Euphorbia Neriifolia Latex .	Dr. Dhaneswar Prusty
Riya Pareek	Influence Of Calcium Oxalate On HEK293 T Cells .	Prof. Chandi C . Mandal
Sakshi Mehta	Influence Of Overexpression Of Various Transcription Factors On Cancer Cell Morphology .	Prof. Chandi C . Mandal
Suman	Synthesis Of Zinc oxide Nanoparticles ; A Sustainable Approach .	Dr.Hemant Kumar Daima
Lavina Tanwar	Green Synthesis Of Gold And Silver Nanoparticles Using Withania Somnifera .	Dr.Hemant Kumar Daima





Monalisa Dewangan	Isolation And Characterization Of Antimicrobial Producing Bacteria From Soil Sample .	Dr. Dhaneswar Prusty
Varia	Optimization Of Growth Stage-Based Phenotypic Analysis For Transformation In Arabidopsis Thaliana.	Prof.Sanjib K. Panda
Shreya Ghanghas	Characterization OF Soil Bacterial Microbiome ;A Preliminary Study .	Prof.Sanjib K. Panda
Pankaj Sen	Evaluation Of Antimicrobial Properties Of Heliotropium Steudneri Plant Leaves Extract.	Dr. Dhaneswar Prusty
Palak Chaudhary	Relation Between Hypoxia And Autophagy.	Dr.Bhawana Bissa
Meeta Gupta	In - Silico Interaction Of CYSW Protein Of Acinetobacter Baumannii With Host MBD6 Protein .	Dr. Vishvanath Tiwari
<b>Integrated M.Sc. Dissertation (2023-24 Batch)</b>		
Ananya Thakur	Physiological and molecular understanding of Iron stress in Pigeon pea	Prof.Sanjib K. Panda
Arpita Saini	In-Silico Investigation On Molecular Mechanism Of CagA Protein Of Helicobacter Pylori In LAMC2 Mediated Host Interaction.	Dr. Vishvanath Tiwari
Arya Nayak	Design of Gene Editing Cassette Of Os VTC2 using CRISPR/Cas9 Technique	Prof.Sanjib K. Panda
Aryan Chaudhary	In-Silico Identification OF Inhibitor Of Bifunctional Protein GlmU OF Acinetobacter Baumannii And Its Experimental Validation .	Dr. Vishvanath Tiwari
Ayushi Kaushik	Synthesis Of Gold Nanoparticles From Ayurvedic Formulations of Kanchanar And Ashwagandha; Peroxidase-Mimicking And Antioxidant Activity Assessment .	Dr.Hemant Kumar Daima
Deepika Kumari	Establishing The Relationship Between Silicosis And Lung Cancer To Identify The Target Markers	Prof. Chandi C. Mandal
Divya Mudgal	Calcium Deposition Augments Cellular Process For Mineralization In Kidney Cells	Prof. Chandi C. Mandal





	Linked To Stone Formation .	
Gurjot Singh	In -Silico Identification And Cloning OF Drought-Responsive Aspartyl protease Genes In Chickpea (Cicer Arietinum)	Dr. Dipak Gayen
Kiran Choudhary	Extraction And Evaluation Of Secondary Metabolites Of Haloalkaliphilic Bacteria From Saline Lakes	Dr. Shiv Swaroop
Lochan Meena	Overexpression And Purification Of L-Asparaginase Enzyme And Analysis OF ITS Kinetic Parameters	Dr. Shiv Swaroop
Menka Prabhakar	Genome Wide Analysis Of NADPH Dependent Aldehyde Reductase Gene And Priming Effect On Seed Vigor In Chickpea	Dr. Dipak Gayen
Nakul Beniwal	Evaluating Anti -Cancer Efficacy OF Tinospora Cordifolia Derived Exosomes .	Dr. Bhawana Bissa
Riya Sen	Designer -Made Metal Oxide Nanocomposite for Organic Pollutant Degradation	Dr. Hemant Kumar Daima
Sandeep Nagraj	Identification OF Hit Compounds Against Multiple Kinases OF Leishmania Donovanii	Dr. Dhaneswar Prusty
Tamanna	Deciphering The Role of Pyrrole Derivatives In PI3K/AKT/MDM2 Pathway In PDAC	Dr. Dipak Gayen
Vishnu Priya	Evaluating Anti -Cancer Efficacy of Ocimum Tenuiflorum leaf Derived Exosomes By An integrated Network of pharmacology And In-Silico Methods.	Dr. Bhawana Bissa
Dipak Borana	Designing Peptide Ligand Complexes For Innate Immunity-Based Clearance Of Nipah virus	Dr. Dhaneswar Prusty

#### Department of Integrated M.Sc. Biotechnology

Candidate Name	Title of the Dissertation	Supervisor Name
Aman Sharma	Comparative Analysis of Amyloid Content in Groundnut Seed Fermented Groundnut and	Dr. Jay Kant Yadav





Candidate Name	Title of the Dissertation	Supervisor Name
	Germinated Groundnut	
Amrita Kumari	Comparative Antibacterial ,Antibiofilm ,And Cytotoxicity Ptential of Silver and Copper Oxide Nanoparticles Biosynthesized using Terminalia Arjuna BARK	Dr. Surendra Nimesh
Anuradha Mahato	Evaluation of bacteria isolates for combating fungal strains of maize causing leaf blight disease	Dr. Khem Raj Meena
Azad Jorwal	Elucidating mode of action of ancistrocladinium a In -Silico	Prof. PANKaj goyal
Dharm Kapoor	Evaluation of anti -Biofilm Protewntial of Novel Pyrimidine Derivatives aganist Candida albicans (ATCC 10231) a Fluconazole-Resistant Strain	Prof. Gajanan B. Zore
Feroz Ahmad	Cloning of FraB Deglycase gene of Fructose asparagine utilization Pathway of Salmonella enterica and its antimicrobial resistance profiling	Dr. Khem Raj Meena
Harshdeep	Deciphering the structural feature of STK35L1 essential for NEDD4L interaction In-Silico	Prof. Pankaj Goyal
Himesh Kumar Dave	In silico identification f novel epitope as a Dignostic marker for dengue	Dr. Tarun Kumar Bhatt
Neha Choudhary	Changes in Phenotypic and reproductive parameters of <i>Spodoptera frugiperda</i> (Fall armyworm) Induced by feeding on polyvinylchloride microplastic	Dr. Jayendra Nath Shukla
Rutvi Jain	Synthesis and Characterisation of Antibiotic (Rifampicin and Ciprofloxacin) Loaded Chitosan NANoparticles with modified Ionotropic Gelation method	Dr. Surendra Nimesh
Sabir Kumar Sahu	Investigation of recombinant Bacillus Subtilis Biofilm matrix Proteins TasA (28-261) and TapA (33-253) for their Potential in enhancing growth promotion and abiotic stress mitigation	Dr. Janmejay Pandey





Candidate Name	Title of the Dissertation	Supervisor Name
	in Cicer arietinum (Chickpea)	
Sohail Tanveer	Identification of protein marker for accurate diagnosis of Dengue infection	Dr. Tarun Kumar Bhatt
Udit Baghel	Pyrimidine FDerivatives as potent inhibitors of morphogenesis and Planktonic growth of Candida Albicans	Prof. Gajanan B. Zore
Atul Surya	Analysing the effects of antibiotics on the life cycle of Spodoptera frugiperda larva upon reared on Pplyvinyl Chloride supplemented diet	Dr. Jayendra Nath Shukla
Dipali Bamniya	Cloning and Expression of Novel Kinase Human PDIK1L	Prof. Pankaj Goyal
Lucky Sharma	Green Synthesis of copper oxide nanoparticles using bark extract of Acacia nilotica and evaluation of its photocatalytic degradation potential	Dr. Surendra Nimesh
Mitta Bindusree	Isolation and Characterization of Amyloid-like protein aggregates from mustard seed cake	Dr. Jay Kant Yadav
Poonam	Expression, Purification of Ubiquitin Enzymes E1, E2 (E2-25K), and In-Silico Design of Inhibitors Targeting E2-25K: A Potential Therapeutic Strategy for Alzheimer Disease.	Dr Gajendra Singh
Sneha Soni	Computational Analysis of Salipaludibacillus Strain CUR1 and deciphering its endospore forming capabilities	Dr. Janmejaya Pandey
Sreejeeta Sinha	Identification of Low Hydrostatic Pressure Responsive transcripts of Candida albicans	Prof .Gajanan B. Zore
Karan Singh Chauhan	Exploring the Potential role of Sumolation in MRNA modifications	Dr. Jay Kant Yadav
Kishan Kumar	Assessing the role of Putative Botrytis Cinerea effector protein in Chickpea Infection	Dr. Jay Kant Yadav
Prakash	Design and evaluation of CRISPR Constructs for	Prof Gajanan B.





Candidate Name	Title of the Dissertation	Supervisor Name
Kumar Maurya	NAC1 Gene editing using Agroinfiltration to Develop Virus-Resistant Tomato (Solanum Lycopersicum) Cultivars	Zore
Priya Kanwar	Screening of PGPBs isolated from the rhizosphere of Cyamopsis tetragonoloba for biofilm formation and their impact on the mitigation of simulated abiotic stress	Dr. Janmejaya Pandey
Richa Kumari	Role of conserved Aromatic Amino Acid in Prion Protein folding	Dr. Gajendra Singh
Shubham Anand	Development of a Biosensor to study protein trafficking in Mitochondria under various pathophysiological Conditions	Prof. Pankaj Goyal
Kriti Singal	In Silico designing of aptasensors for diagnosis of malaria using early transcribed membrane protein 10.3 of Plasmodium falciparum	Dr. Tarun Kumar Bhatt
Ayushi Jain	Investigating bacterial diversity of Ana Sagar lake water and their Antimicrobial Resistance Surveillance	Dr. Khem Raj Meena
Faiza Abdali	Identification and Development of Aptamer in silico for Diagnostic Using Parasitophorous Vacuolar Membrane Protein	Dr. Tarun Kumar Bhatt
Eesha Panwar	Search of homologues of TSSK targets from insects of different orders and their in-silico analysis for conserved motif(s)	Dr. Jayendra Nath Shukla
Chetna Soni	Exploring microflora of Pushkar lake and their antimicrobial resistance surveillance	Dr. Khem Raj Meena
Deepika Sharma	Synthesis of Silver Nanoparticles using Biological and chemical methods and evaluation of their Antibacterial Potential	Dr. Surendra Nimesh





Candidate Name	Title of the Dissertation	Supervisor Name
Dharmpal Choudhary	Design, Synthesis, and Characterization of Chromone-Based Derivative	Dr. Bhupendra Goswami
Jitendra Kumar	Synthesis of New Chromone-Based Derivative	Dr. Bhupendra Goswami
Manish Kumar	Synthesis, Characterization, and Catalysis of New Schiff Base Compound	Dr. Bhupendra Goswami
Suresh Kumar Patel	Synthesis and Characterization of Copper (II) Complexes Based on Reduced Pincer Ligand	Dr. Bhupendra Goswami
Sonali Kumari	Synthesis of Metal Complexes based on Schiff Base Ligand obtained by condensation of 8-aminoquinoline and 3-formyl-6-methyl chromone	Dr. Bhupendra Goswami
Parakram Pratap Singh Shekhawat	Synthesis, Characterization and catalytic investigation of Cobalt-metal complex with a chromophore ligand obtained by condensation of 3-formyl chromone and 8-aminoquinoline	Dr. Bhupendra Goswami
Mr. Pawan Kumar	Synthesis and Characterization of Chromone Ligand-based Palladium Complexation	Dr. Bhupendra Goswami
Anita Saini (2021IMBCH005)	Determination of Octanol-Water Partition Coefficient (Log P) of various Multifunctional Molecules in respect of Alzheimer's Disease	Dr. Anuj Kumar Sharma
Neha Rajana (2021IMBCH014)	Design, Synthesis and Characterization of Ruthenium Metal complex with biotin-chelation	Dr. Anuj Kumar Sharma
Saloni Kumari	Investigating the Potential of Some Natural Compounds regarding the Cholinergic hypothesis of Alzheimer's	Dr. Anuj Kumar Sharma
Anargha T.	Absorption and Emission studies of Stilbene derivatives	Dr. Anuj Kumar Sharma





Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Meena	An Efficient Approach to Construct Dihydro-pyridoindole and their Congeners using Aza-Oxyallyl Cation as a Key Intermediate	Dr. Ritesh Singh
Manaswi Sharma	Efficient Construction of 4,1-Benzoxazepine Scaffold and Analogues Utilizing Aza-oxyallyl Cations as a Key Intermediate	Dr. Ritesh Singh
Vimal Yadav	An Efficient Approach to Construct C-S and C-Se Bond via Cross Electrophile Coupling of Aza-oxyallyl Cation with Disulphides and Diselenides in a Metal free Condition	Dr. Ritesh Singh
Neha Singh	Copper-Catalyzed Regio-Selective Fluoroalcoholation of Indoles at Room Temperature	Dr. Ritesh Singh
Pijus Mondal	Metal Free N-arylation of Diaryl Sulfoximines at Room Temperature by Using Diaryliodonium Salts	Dr. Ritesh Singh
Vikas Swami	Deuteration of Saturated Imidazopyridine Derived from Morita-Baylis-Hillman Ketones	Dr. Easwar Srinivasan
Sunidhi Ojha	$\gamma$ -Functionalization of Dienamines Derived from Morita-Baylis-Hillman Ketones	Dr. Easwar Srinivasan
Rupika Jain	Synthesis of Novel Hydrazones from Tetrahydroxanthenones	Dr. Easwar Srinivasan
Apoorva Saxena	Synthesis of Novel Chiral Tetrahydro-Chromeno Carbazoles from Tetrahydroxanthenones via Borsche-Drechsel Cyclisation Reaction	Dr. Easwar Srinivasan
Srinibas Khatua	Squaramide-Tagged Proline Methyl Ester catalyzed Desymmetrization of	Dr. Easwar





Candidate Name	Title of the Dissertation	Supervisor Name
	maleimides	Srinivasan
Ranu Jaiswal	Reaction of Dienamines with Maleimide: An Access to Benzodiazepines	Dr. Easwar Srinivasan
Prerna Priya	Synthesis of Acridines Derived from Dienamine of Morita-Baylis-Hillman (MBH) Ketones	Dr. Easwar Srinivasan
Siya Meena	Exploring Applications of Morita-Baylis-Hillman Ketones to Access Spirooxindoles and Substituted Naphthoquinones	Dr. Easwar Srinivasan
Himani Sharma	Cobalt Complex Catalyzed Synthesis of 3,3'-(Phenylmethylene)bis(1H-indole)	Dr. Hemant Joshi
Neeraj Kumar	Manganese NNSe Pincer Complex Mediated Synthesis of 4-Quinolones from 2-Aminoacetophenones and Benzyl Alcohols	Dr. Hemant Joshi
Gunjan Soni	Design, Synthesis and Characterization of NNS-Manganese Pincer Complexes and their Applications in Synthesis of 2-Phenylquinazoline-4(3H)-One	Dr. Hemant Joshi
Priyanka Sachan	Metal, Solvent and Additive Free Single-Pot Synthesis of Fluoro-Substituted Diarylmethane Derivatives	Dr. Thirumoorthi Ramalingam
Tejasvi	One-Pot Synthesis of Chloro-Substituted Diarylmethane Derivative via Promotor and Additive Free Method	Dr. Thirumoorthi Ramalingam
Chandan Das	Synthesis of Ferrocene Methanol and C-C Cross Coupling of Ferrocene Methanol with Heterocyclic Compound Mediated by Lewis Acid	Dr. Thirumoorthi Ramalingam
Pragati Meena	Catalyst & Mediator Free One Pot C-C Cross Coupling Reaction	Dr. Thirumoorthi Ramalingam





Candidate Name	Title of the Dissertation	Supervisor Name
Pratibha Choudhary	C-C Cross Coupling Reactions of Substituted Benzyl Halides with Mesitylene	Dr. Thirumoorthi Ramalingam
Pawan Sharma	Coumarin Bearing Organotin compound for Fluorescent Study	Dr. Thirumoorthi Ramalingam
AARTI YADAV	Method and Strategy of Synthesis of NixSey nanoparticles: Catalytic Application in Various Organic Reactions	Dr. Partha Roy
Khemraj Rundla	Design and Synthesis of Nickel Telluride Nanoparticles	Dr. Partha Roy
Santosh Kumar	Synthesis of Cobalt(0) Nanoparticles and its Applications	Dr. Partha Roy
Tanu Panwar	Enrich the hydroxyl groups on TiO <sub>2</sub> surface: Mechanism, Characterization and Application	Dr. Partha Roy
Trilok Chand Meena	Catalytic Applications of Nickel Telluride Nanoparticles	Dr. Partha Roy
Aarti Mehra	Deuteration of Arylacetonitriles at Benzylic Position Using CDCl <sub>3</sub> : Methodology and Analysis	Dr. M. Bhanuchandra
Palak Rakesh	Transition-Metal-Free Synthesis of Indenes from Propargylic Alcohols	Dr. M. Bhanuchandra
Kanigiri Vani Viswanadh	Regiocontrolled C <sub>4</sub> -Arylation of Heteroarenes Directed by Sulfoxide Groups	Dr. M. Bhanuchandra
Anukool Saxena	Molecular magnetism	Dr. Rajagopala Reddy Seelam
Nitin Kumar	Search for fluorethene based chromophores suitable for singlet fission	Dr. Rajagopala Reddy Seelam





Candidate Name	Title of the Dissertation	Supervisor Name
Deepanshi Aggarwal	Magnetism in Organic Radicals and Formation of Qubits	Dr. Rajagopala Reddy Seelam
Aastha Sharma	Search for acenaphthalynene based chromophores suitable for singlet fission	Dr. Rajagopala Reddy Seelam
Sakshi Arora	Singlet Fission Dynamics of azaBODIPY-1-3-dimer	Dr. Rajagopala Reddy Seelam
Shikha Singh	Vibrational quenching of excitonic splitting in H-bonded molecule ortho-cyanophenol dimer	Dr. Rajagopala Reddy Seelam
Anand Kumar Mishra	Computational chemistry as a teaching tool at senior secondary school level	Dr. Rajagopala Reddy Seelam
Aryan	N-heterocyclic carbene-palladium(II) catalyzed synthesis of isoindole derivatives	Dr. Chandrakanta Dash
Shishupal salvi	Synthesis and characterization of Bulky Bis-(imino) pyridine ligand-cobalt(II) complex	Dr. Chandrakanta Dash
Hrudaya Ranjan Mahanta	Zinc Catalyzed C-N Bond Forming Reactions Using Organic Azides as the Nitrogen Source	Dr. Chandrakanta Dash
Rakshi Sahoo	Copper Complexes of N-heterocyclic Carbene-based CNC pincer ligand	Dr. Chandrakanta Dash
Maya Mishra	Bis(imino)pyridine-Cobalt(II) Complexes as Catalysts for C-H bond Amination Reactions	Dr. Chandrakanta Dash





Candidate Name	Title of the Dissertation	Supervisor Name
Amit Yadav	CNT fiber based electrochemical sensors for the detection of heavy metals in drinking water	Dr. Pankaj Gupta
Ankita	Electrochemistry of materials and their application in the electrochemical detection of biologically important molecules	Dr. Pankaj Gupta
Samapti Mondal	CNT film/Pt-nanosphere based electrochemical sensor for sensitive detection of hydrogen peroxide	Dr. Pankaj Gupta
Bimalendu Behera	CNT fiber based electrochemical sensor for detection of heavy metals in drinking water	Dr. Pankaj Gupta
Divya Gurnani	CNT fiber/AuNPs based electrochemical sensor for sensitive detection of hydrogen peroxide	Dr. Pankaj Gupta
Raghvendra Panwar	Disposable graphitic carbon nitride coated screen printed carbon electrode for electrochemical determination of paracetamol in whole blood sample	Dr. Pankaj Gupta
Kalpana Yadav	Sensitive detection of glucose using nickel nanoparticles based nonenzymatic electrochemical sensor	Dr. Pankaj Gupta

#### Department of Commerce

Candidate Name	Title of the Dissertation	Supervisor Name
Abdul Vahid M	Assessing the Awareness and Understanding of Income Tax Implication for Financial Literacy	Dr. Sanjay





Candidate Name	Title of the Dissertation	Supervisor Name
	and Civic Management among Academic Fraternities	Kumar Patel
Ancee I	Mergers and Acquisitions in Banking Sector: An Analysis on Value Creation and Risk Management	Dr. Priyanka Bhaskar
Anushka Sharma	An Analysis of Customer and Economic Perception on Fintech Adoption	Dr. Pushpender
Bharti	Consumer Awareness and Risk Analysis of Peer-to-Peer (P2P) Lending Platforms	Dr. Priyanka Bhaskar
Deepanshi Jain	Impact of Entrepreneurial Ecosystem on Women's Entrepreneurial Performance in the Ajmer District of Rajasthan	Mr. Shubham Pandey
Manoj	Adoption and Impact of Unified Payment Interface (UPI) System among the Students of Central University of Rajasthan	Dr. Priyanka Bhaskar
Muhammad Sinan A	A Study on Financial Literacy of Rural Households Special Reference in Ajmer District	Dr. Pushpender
Muhammed Abdul Rahman	Digital Payment among Young Users: A Perspective Analysis	Dr. Pushpender
Muhammed Abhilash T M C	Impact of YouTube Sales Promotion on Buying Behaviour of Consumers	Prof. Praveen Sahu
Muhammed Fayis A	A Study of Influencing Entrepreneurial Drivers for Venture "A Comparative Study of India and UAE"	Prof. Praveen Sahu
Naasif Noah Rouf	An Impact of Social Media Marketing on Buying Behaviour among the Students in Central University of Rajasthan	Dr. Pushpender
Naseem N	Examining the Unique HRM Faced Challenges by Startup Organizations and Proposing HR Strategies	Prof. Praveen Sahu
Nikita	Analysing the Impact of Renewable Energy on Environmental Sustainability	Dr. Pushpender
Nupur Tripathi	Impact of Artificial Intelligence in Accounting and Auditing: An Empirical Analysis	Dr. Pushpender





Candidate Name	Title of the Dissertation	Supervisor Name
Pragya Tiwari	Analysis of Role of Artificial Intelligence in Indian listed companies: Pre and Post	Dr. Priyanka Bhaskar
Rethin Raj A	A Study on GST Awareness among Students	Dr. Sanjay Kumar Patel
Sidharth Thakur	The Ripple Effects of Geopolitical Conflict: Exploring How the Russia -Ukraine War Shapes Indian Economy	Prof. Praveen Sahu
Sonal Jha	Green Marketing Practices in Indian Organisation: A Study of Industry.	Dr. Sanjay Kumar Patel
Sradha K Suresh	Impact of Training and Review Strategy on Organisational Productivity: A Study on Uralungal Labour Contrat Co-Operative Society (ULCCS)	Dr. Sanjay Kumar Patel
Kiran Meghwal	Exploring the Impact of Digital Marketing on Consumer's Attitude: A study of students at Central University of Rajasthan	Mr. Shubham Pandey
Priyanshee Gupta	Green Buying Behaviour: An Analysis of Consumer Attitudes towards Sustainable Products	Prof. Praveen Sahu
Raushan Kumar	A Bibliometric Analysis of Social Entrepreneurship on WoS Database (2018-2024)	Dr. Sanjay Kumar Patel
Nishant Kumar	An Analysis of the Role of Investigative Agencies and the Government in Preventing Corporate Fraud in India: A Case Study on Satyam	Dr. Sanjay Kumar Patel
Chingakham Robinson	Study on the Socio-Economic Impact of Migrant Workers of Senapati District, Manipur.	Dr. Priyanka Bhaskar

#### Department of Computer Science

Candidate Name	Title of the Dissertation	Supervisor Name
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Candidate Name	Title of the Dissertation	Supervisor Name
Aadesh Nath Yogi	Chaos-based Cryptography: text encryption using image encryption algorithm	Dr. Mamta Rani
Abhay Kumar	Multimodal Sentiment Analysis	Dr. Abhay Kumar Rai
Agil Charly .m	Analysing websites using digital tools	Dr. Krishna Kumar Mohbey
Ankur Vishwakarma	Intrusion Detection in Industrial IOT	Dr. Nishtha keshwani
Ashish Kumar	Inventory Management System	Dr. Ajay Indian
Charul Mertia	Finding Key Actors in Clandestine Networks	Dr. Abhay Kumar Rai
Dakshesh Vyas	A POI Recommendation System using Differential Privacy	Dr. Krishna Kumar Mohbey
Dikshant Sharma	Early Detection of Brain Tumor through Advanced CNN model	Dr. Ajay Indian
Hemant Bohra	School Management System using PHP and MySQL	Dr. Pawan Singh
KISHAN KUMAR YADAV	Electroencephelogram Based Human Emotion Detection	Dr. Krishna Kumar Mohbey
Manish Kumar mishra	Abstractive Text summarization	Mr. Ravi Raj Choudhary
Mukul	Building a Data-pipeline and Recommendation system for a multi category online marketplace	Mr. Ravi Raj Choudhary
Palak Yadav	Recruitment and Selection Process	Mr. Sunny Patwa
Prashant Singh	Graphical Password Authentication	Dr. Ajay Indian





Candidate Name	Title of the Dissertation	Supervisor Name
Santosh Kumar Sutar	Building the Design System for Railofy 3.0	Dr. Pawan Singh
Vinita kumari	Brain stroke detection using deep learning on neuroimages	Mr. Ravi Raj Choudhary
Yash Gupta	Plant Disease Detection	Mrs. Nishtha Kesswani
Sakshi Khichar	Speech emotions recognition using deep learning approaches	Dr. Gaurav Meena
Nakul Chahal	Deep Learning based Approach for Automated Plant Disease Classification	Mr. Ravi Raj Choudhary
Writi Basu	CNN-based Autonomous Navigation of Drone in Indoor Corridor Environment	Dr. Mamta Rani
Sudhir Bairwa	IoT Based Industry Safety Alert System	Dr. Nishtha Kesswani
Achyut Nandan	Measuring The Degree Of Toxicity Of Comments Using Deep Learning	Prof. Mamta Rani
Aryan Gajrawat	Sentiment Analysis of news articles using Text Analytics	Dr. Abhay Kumar Rai Mr. Dheeraj Gaur
Chandra Prakash Gupta	Offline Handwritten Hindi Character Recognition using Modified Capsnet	Dr. Ajay Indian
Harsh Sharma	Alternated superior chaotic ant colony optimization in traveling salesman problem	Prof. Mamta Rani
Joyjit Mandal	Detection Of Mesoscale Oceanic Eddies Over Bay Of Bengal Using Explainable Deep Learning Method	Prof. Mamta Rani
K Lokesh	Identifying Emotions Using Various Approaches	Dr. K.K. Mohbey, Dr. Saurabh





Candidate Name	Title of the Dissertation	Supervisor Name
		Rathore, Dr. Ramkrushnbhai Patel
Keshav Sharma	Hybrid Movie Recommendations System	Dr. Gaurav Meena
Lakshy Chaudhary	Comparative Analysis of Impact of Image File Format for Breast Cancer Screening Classification Accuracy Using YOLOv8	Dr. Pawan Singh
Priyanshu Nawal	Robust Object Detection for Autonomous Vehicles on Indian Roads Using YOLOv8: Evaluating Performance in Challenging Environments	Dr. Abhay Kumar Rai
Rahul Pandey	Full stack development(MERN)	Dr. Abhay Kumar Rai, Dr. Amit Agarwal
Ranjeet Kumar Saini	Word Segmentation Algorithm for Offline Handwritten Hindi Word Recognition	Dr. Pawan Singh
Raunak Raj	Fretbox : Application for Hostel Management	Mr. Ravi Raj Choudhary Mr. Satyam Yadav
Sandeep Kumar	Enhancing agriculture aerial imagery through dehazing techniques	Dr. Ajay Indian

**Department of Computer Science and Engineering**

Candidate Name	Title of the Dissertation	Supervisor Name
Chandan Dhiman	Budget Driven Incremental and Quick Container Auto-scaling in the presence of DDoS attacks	Dr. Gaurav Somani
Rishab	Hate speech detection on social media using	Dr Basant





	transformer based language models and ensemble techniques	Agarwal
Mohd Bilal Khan	Analysing market basket patterns through apriori algorithm and association rules	Dr Basant Agarwal
Harshl Sharma	Dysgraphia detection through handwriting image analysis using ensemble learning	Dr Basant Agarwal
Maanvika	Evaluation of Federated Learning in Phishing Email Detection	Dr Prakash Choudhary
Narendra Singh	Comparative Analysis of Number of Person for Dense and Sparse Images	Ravi Saharan
Yash Chauhan	Estimation of Crowd Density in Images	Ravi Saharan
Anuradha Gupta	Intercluster key Agreement Scheme for Devices in Smart Environments	Dr. Muzzammil Hussain
Suman Soni	Generic and Simplified mechanism for Mutual Authentication of Nodes in Wireless Sensor Network	Dr. Muzzammil Hussain
Yash Chauhan	Diminutive Scheme for Authentication in Wireless Sensor Network	Dr. Muzzammil Hussain

#### Department of Culture & Media Studies

Candidate Name	Title of the Dissertation	Supervisor Name
Agrima Jadon	Technostress among youth from smartphones: A case study on varsity students	Dr. Anoop Kumar
Aman Harsana	Examining Viksit Bharat @2047: How will it affect the youth and progress of India	Prof. Amitabh Srivastava
Diksha Ajmera	Consumption Pattern of Instagram Reels Amongst Rural Population and University Students: A Comparative Analysis	Prof. Amitabh Srivastava
Harikrishan Jakhar	Transgender Representation and Drug Trafficking in Media: A Content Analysis of Netflix Series "She"	Dr Nicholas Lakra
Najad	A study on Web Series Addiction and its Psychological effects on Youth	Dr. Neeru Prasad
Punita Garg	A Study of Media Coverage on Development of Tribes in Selected District of Madhya Pradesh	Dr Nicholas Lakra





Candidate Name	Title of the Dissertation	Supervisor Name
Ritika Choudhary	A Strong Women? Comparative Analysis of Female Protagonists in “Elemental” and “Tangled”	Dr. Pranta Pratik Patnaik
Sarthak Singha	Portrayal of Mainstream Indian Media on the OTT Platform: An Analysis of “Scoop” and “The Broken News”	Prof. Amitabh Srivastava
Sharvan Kumar	A study on the intersection of media access and Dalit empowerment in Rajasthan	Dr. Anoop Kumar
Yashaswini Kaushal	Examining Consumer Perception and Brand Image of ‘Stop the Beauty Campaign by Dove	Dr Nicholas Lakra
Hiba Parveen K B	Media manipulation and Fake News during Covid-19 pandemic	Dr. Neeru Prasad
Rohit Singh	Role of Folk Media in Modern World	Prof. Amitabh Srivastava
Sahad Shaheer P P	The impact of OTT platform on Malayalam Industry during Covid-19 pandemic	Dr. Neeru Prasad

#### Department of Data Science & Analytics

Candidate Name	Title of the Dissertation	Supervisor Name
Abhilash V P	Crop Production Analysis in India	Mr. Sanket Patil & Dr. Subodh Kumar
Akangkha Mitra	Offline Writer Identification and verification	Dr. Md Ajj & Dr. Nishtha Kesswani
Amba Mishra	Analysing Amazon Sales data	Mr. Sanket Patil & Dr. Pritpal Singh
Ardra K S	LLM based database interfaces	Mr. Ahas H Das & Dr. Pritpal Singh
Bhanu Pratap	Credit Card Fault Detection	Dr. Alok Yadav & Dr. Nishtha Kesswani
Bidhi Kataruka	Robust malware classification	Dr. Smita Naval & Dr. Nishtha Kesswani
Deboleen Bhowal	Software Development	Mr. Biswajit Nandi & Dr. Pritpal Singh





Candidate Name	Title of the Dissertation	Supervisor Name
Kirti	Mahine Translation of Low Resource Language	Dr. Rajesh Kumar Mundotiya & Dr. Nishtha Kesswani
Kishan Parsoya	Associate Neodocto Intern	Dr. Phani Bhushan Sanneerappa & Dr. Pritpal Singh
Mandira Banerjee	Automation of voice bot using asterisk and lua	Mr. Avishek Ghosh & Dr. Pritpal Singh
Mohammed Adnan K P	Hospital management	Mr. Ramshad P & Dr. Subodh Kumar
Mohammed Salal KK	Power Bi intern	Mr. Riyas Muhammed Cheerangan & Dr. Subodh Kumar
Mridul Sarmah	Collection and Analysis of Demographic and Poll Data	Mr. Abhijit Kumar Kalita & Dr. Pritpal Singh
Mukesh Kumar	Emotion Detection	Mr. Chait Jain & Dr. Pritpal Singh
Mulakala Siva Ramakrishna	Fraud\Spam Detection System	Dr. Alok Yadav & Dr. Nishtha Kesswani
Nidhi Kumari	Software Development	Mr. Jansaida Shaik & Dr. Vidyottama Jain
Nidhi Prakash	Hate Speech Detection	Dr. Rajesh Kumar Mundotiya & Dr. Nishtha Kesswani
Nikhil Sikarwar	Research Analyst Intern	Dr Ankita Kapruwan & Dr. Vidyottama Jain
Nitin Charan Singh	Network Intrusion Detection System	Dr. Alok Yadav & Dr. Nishtha Kesswani
Pintu Shakya	Product Recommendation System	Mr. Smit Lakhani & Dr. Pritpal Singh





Candidate Name	Title of the Dissertation	Supervisor Name
Rohith	Software Development	Mr. Jansaida Shaik & Dr. Vidyottama Jain
Pragati Sachan	Data Governance tool	Mr. Ghanashyam Sajankila & Dr. Vidyottama Jain
Prateek Saini	Integrated Approach for Automated Ultrasound Image Analysis	Dr. Anoop Kumar Tiwari & Dr. Nishtha Kesswani
Rahul Kumar Upadhyay	DeepRMSA and PPO	Dr. Bijoy Chand Chatterjee & Dr. Nishtha Kesswani
Rhythm	Object Detection, Face Detection	Mr. Yogendra Singh & Dr. Vidyottama Jain
Ritesh Kumar Yadav	Algorithmic Trading	Mr. Vinay Shukla & Dr. Subodh Kumar
Rudranaraya Baral	Integrated Approach for Automated Ultrasound Image Analysis	Dr. Anoop Kumar Tiwari & Dr. Subodh Kumar
Sahna K	Hospital management	Mr. Ramshad P & Dr. Subodh Kumar
Sayani Nandi	Offline Writer Identification and verification	Dr. Md Ajj & Dr. Nishtha Kesswani
Shambhu Kumar	Software Development	Mr. Manoj Singh Bist & Dr. Subodh Kumar
Shikha Singh Kushwaha	Zoho Analytics integrations	Mr. Alwin J. Christine & Dr. Subodh Kumar
Shweta Yadav	Text to speech translation	Mr. Harshit Saini & Dr. Subodh Kumar
Tandra Sarkar	Offline Writer Identification and verification	Dr. Md Ajj & Dr. Bhavna Saini
Tuba Firdoush	Emotion Cause Analysis	Dr. Rajesh Kumar Mundotiya





Candidate Name	Title of the Dissertation	Supervisor Name
		& Dr. Bhavna Saini
Suraj Kumar	Inventory Management	Dr. Alok Yadav & Dr. Bhavna Saini
Vimal P	Global Safety Corrective Action Dashboard	Mr. Rajkanth Raju & Dr. Pritpal Singh
Kanishk Singh	Purchase Prediction and Micronumerosity	Dr. Alok Yadav & Dr. Pritpal Singh
Arnab Dash	An Effective Phishing Websites Detection Model Based	Dr. Alok Yadav & Dr. Bhavna Saini
Mohammad Rishad K.P	Financial Analytics	Mr. Sanket Patil & Dr. Pritpal Singh
Abdul Hadi MS	Diabetes Prediction and Analysis	Dr. Bhavna Saini & Dr. Bhavna Saini
Shiblul Haq T	Heart disease diagnostic analysis	Mr. Sanket Patil & Dr. Bhavna Saini
Najibnu haris T H	Fifa World Cup Analysis	Mr. Sanket Patil & Dr. Bhavna Saini
Rituraj Pandey	Retrieval-Based Chatbot	Dr. Alok Yadav & Dr. Bhavna Saini
Rishav Kumar	Sensor Fault Detection	Dr. Alok Yadav & Dr. Bhavna Saini
Muhammed Dhanish	Foreign Direct Investment Analytics	Mr. Sanket Patil & Dr. Subodh Kumar
Praveen Kumar	Recommendation System	Dr. Alok Yadav & Dr. Bhavna Saini
Akshay Kumar	Driving Behaviour & Driver Drowsiness Detection	Dr. Kapil Gupta & Dr. Bhavna Saini





Candidate Name	Title of the Dissertation	Supervisor Name
Mousam Ash	Assessment of Depth of Anesthesia	Sharma & Dr. Subodh Kumar

**Department of Economics**

Candidate Name	Title of the Dissertation	Supervisor Name
Richa Kumari	Towards Sustainable Economic Growth: An Empirical Investigation and Review of Global and Local Climate Action	Dr. Hemlata Manglani
Johan Roy Paul	Impact of Overall and Bilateral Terms of Trade on Economic Growth	Dr. Hemlata Manglani
Sagar Mishra	A Bibliometric Review on Agriculture and Climate Change	Dr. Hemlata Manglani
Nilesh Srivastava	Empirical Association between Trade and Climate Change Across SAARC Countries	Dr. Hemlata Manglani
Aditya Raj	Investigation of Cointegration between Oil Price, Gold Price, Exchange Rate and Stock Prices through Vector Error Correction Model	Dr. Hemlata Manglani
Ravi Ranjan	International Trade and Protectionism: A Bibliometric Analysis	Dr. Hemlata Manglani
Yashwini Yadav	An Interplay Between Globalization and Climate Change Across G20 Nations	Dr. Hemlata Manglani
Manobal Kumar	Unraveling the impact of deglobalization on Total Factor Productivity : An Empirical Study from Indian and Global Perspectives	Dr. Hemlata Manglani
Anubhav Sharma	Nexus between International Trade and Sustainability: A Cross Country Analysis	Dr. Hemlata Manglani
Anish Kumar	Unveiling the Research Trends on Agriculture	Dr. Hemlata





Candidate Name	Title of the Dissertation	Supervisor Name
	and use of AI: A systematic Bibliometric Review	Manglani
Pushpahas Prajagar	A Multi-dimensional analysis of Economic Performance under NDA and UPA Government of India	Dr. Hemlata Manglani
Bajrang Jakhar	An Econometric Investigation of Agricultural Performance during Pre and Post Reforms Period in Rajasthan	Dr. Hemlata Manglani
Himanshi Pal	An Empirical Analysis of Bilateral Trade (Agriculture) between India and G20 Nations: An Approach of Gravity Model and Panel Data	Dr. Hemlata Manglani
Priyanka	Gender Inequality index across the different states of India	Dr. Hemlata Manglani
Shinto Soloman	Impact of Population Growth on Economic Development of Indian Economy	Dr. Hemlata Manglani
Prachi	Factors affecting in job satisfaction level in public institutes: a case study National Dairy Research Institute Karnal, Haryana	Dr. Hemlata Manglani
Hitendra	Towards The Sustainable Development Goal 9: A Cross Country Analysis	Dr. Hemlata Manglani
Sushma Rajput	Economic Growth Dynamics : Contribution of Physical Infrastructure, Social Development and Financial Development	Dr. Pragati Jain
Kavita	Analyzing the linkages between Technological Innovation and environmental degradation: Evidence from India.	Dr. Pragati Jain
Sukka Pavani	A Review of the impact of digitalization in agriculture	Dr. Pragati Jain
Aman Yadav	Interrelationship between Agriculture and Economic Growth: A Study of Selected Nations	Dr. Pragati Jain
Plaksha Bhardwaj	The Role of Climate Change and its effects on the Economies of Asian Nations	Dr. Pragati Jain
Aditya Kumar	Investigation the key barriers affecting Women's	Dr. Pragati





Candidate Name	Title of the Dissertation	Supervisor Name
	Digital Finance Inclusion in India	Jain
Harsh Pareek	Interrelationship between Tourism, Economic Growth and Environmental Quality in the SAARC Nations: An Empirical Analysis	Dr. Pragati Jain
Ajit Kumar	Exploring the path of achieving carbon neutrality in India: An Empirical Analysis	Dr. Pragati Jain
Bhageshwar Bharti	Exploring the KAYA Identity to Investigate the impact of industrialization on Environment in Nepal	Dr. Pragati Jain
Fabin	Analysis of Nudge Tactics on Buying Behavior amongst Gen Z: A Study on University Student for Apparel Purchase	Dr. Pragati Jain
Ramswaroop Swami	Unveiling the link between Education and Sustainable Lifestyles in India: An Empirical Investigation	Dr. Pragati Jain
Dhruvi Soni	Impact of ICT on Women –Led Businesses Performance: A study of Urban Jaipur, Rajasthan	Dr. Pragati Jain
Kshitiz Meena	Demographic Dividend, Digital Innovation and Economic Growth Nexus in India	Dr. Pragati Jain
Vikram Priyadarshi	Internationalization of Education and its impact on Economic Growth	Dr. Pragati Jain
Abhinav Bhardwaj	An Empirical Analysis of the Nexus between Income inequality and Economic Growth Through Consumption Channel	Dr. Satyanarayan amurty Dogga
Jacob Sam M	An Economic Analysis of the impact of Digitalization on interest rate, Investment and demand for money	Dr. Satyanarayan amurty Dogga
Kashmira P S	An Economic Analysis of on the relationship between FinTech and other Macroeconomic variable	Dr. Satyanarayan amurty Dogga
PranjalPareek	Full Fledged Inflation Targeting: International Experience and India's Readiness	Dr. Satyanarayan amurty





Candidate Name	Title of the Dissertation	Supervisor Name
		Dogga
Ravindra Dan	Status and Determinants of Digital Financial Inclusion: A Case study Based on a Village in Rajasthan	Dr. Satyanarayan amurty Dogga
Saloni Saha	An Economic Analysis of	Dr. Satyanarayan amurty Dogga
Inakshi Goyal	An Economic Analysis of Digital Financial Inclusion and Digital Financial Literacy in India	Dr. Satyanarayan amurty Dogga
Kavya Siga	Gender Based Study of Multidimensional Poverty Index in Rural Rajasthan	Dr. Satyanarayan amurty Dogga
Nikita Nakura	Attitudes of undergraduate university women towards HPV vaccination	Dr. Satyanarayan amurty Dogga
Megha Singhal	The Intricate Web Of Birth Rate: Unemployment, Consumer Price Index, Education And Family Decision	Dr. Satyanarayan amurty Dogga
Aanchal Sharma	Impact Of Educational Infrastructure On Economic Growth - An Empirical Study Of India	Dr. Satyanarayan amurty Dogga
Krishnanja	An Empirical Analysis On The Traveler Satisfaction And Use Of Solar Power: A Case Study Of Cochin International Airport Limited (Cial)	Dr. Satyanarayan amurty Dogga
RiyaRashmi	Money Flows And Economic Growth: A Study Of Remittances' Influence On India's Economy	Dr. Satyanarayan amurty Dogga





Candidate Name	Title of the Dissertation	Supervisor Name
Yedu Krishnan	Impact Of University Establishment On Economic Growth: Analyzing The Economic Effects In Rural Areas	Dr. Satyanarayan amurty Dogga
Mr. Mohsin	Impact of Economic Factors on Energy Consumption in BRICS Nations: An Empirical Analysis	Dr. Suresh Kumar Patra
Mr. SouravSumank hamari	Factors Influencing Income Disparity in Emerging Economies: A Panel GMM Approach	Dr. Suresh Kumar Patra
Mr. VijayaJangir	Analysis of Exchange Rate Pass-through Dynamics in India	Dr. Suresh Kumar Patra
Mr. Ansar Hussain	Non-linearity Between Inflation and Economic Growth in Emerging Economies: A Threshold Regression Approach	Dr. Suresh Kumar Patra
Mr. SameeraKandi	Determine the Factor Influencing Foreign Direct Investment in Emerging Economies: Analysis of Institutional, Political and Economic Variables	Dr. Suresh Kumar Patra
Ms. ChandniSoni	Nexus between Saving, Investment and Economic Growth in India since Independence	Dr. Suresh Kumar Patra
Ms. RajshreeJakhar	Interrelationship Between Inward FDI and Macro Economic Variables: A VECM Approach	Dr. Suresh Kumar Patra
Ms. Subhashree Sethi	Factors Influencing Carbon Emission in Asia Pacific Nations: A DOLS and FMOLS Approach	Dr. Suresh Kumar Patra
Mr. Arup Kumar Patra	Examine the Export-led Growth Hypothesis for the BRICS Countries	Dr. Suresh Kumar Patra
Ms. MuskanJaiswal	Effect of Economic Growth on Health Expenditure: Evidence From Indian States	Dr. Suresh Kumar Patra
Mrs. Swati Kumari	Assessing the Relationship Between Crime Rate and Economic Growth in Emerging Nations	Dr. Suresh Kumar Patra





Candidate Name	Title of the Dissertation	Supervisor Name
Ms. Fathimath Shuhada M K	Out of Pocket Expenditure Among Older Adults: Evidence from Kerala and Rajasthan	Dr. Suresh Kumar Patra
Ms. Deepali Gurjar	Nexus Between Government Expenditure and Economic Growth: Evidence From Indian States	Dr. Suresh Kumar Patra
Mr. Amit Manohar Sharma	Public Expenditure on Education and Economic Growth in Indian Sub-National Governments: A Panel GMM Approach	Dr. Suresh Kumar Patra
Mr. Khema Ram	Unemployment and Economic Growth in Indian Sub-National Governments: Evidence from FMOLS & DOLS Approach	Dr. Suresh Kumar Patra
Mr. Mithun Kumar	Public Debt, Economic Growth and Monetary Policy Nexus in India: A Structural VAR Model	Dr. Suresh Kumar Patra

#### Department of Education

Candidate Name	Title of the Dissertation	Supervisor Name
Smrutilipi Nayak	Hygenic, Health and Educational Facilities of Children Living In the Slum Area of Angul District, Odisha	Dr Anjali Sharma
Ranjan Dansana	Environmental Ethics and Pro-Environmental Behaviour Among B.Ed. Students	Dr. Seema Gopinath
Shalini Bai	Awareness and Opinion of Prospective teachers towards NEP-2020	Dr Sangeeta Yaduvanshi

#### Department of English

Candidate Name	Title of the Dissertation	Supervisor Name
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Ajad	The Intersection of Science Fictions and Indian Culture: A Critical Study of Chosen Spirits by Sambit Basu	Dr. Sanjay Arora
Akihito Chakma	A Study of Partition's Impact on the Chakma Community in the Chittagong Hill Tracts with Reference to "The Partition and the Chakma"	Dr. Sanjay Arora
Anagha Koni Poriyan	Exploring the Role of English in Enhancing Self-esteem and Social Upgradation: A Socio-linguistic Study of Select PG Students from Northern Kerala	Dr. Sanjay Arora
Ankit Kushwaha	'Redefining the Teaching of Literature in the Era of Digital Humanities.'	Dr. Sanjay Arora
Archisha Singh	Caste, Cinema, and Consciousness: Neeraj Ghaywan's Portrayal of Dalit Realities	Dr. Ved Prakash
Sneha Rathore	Studying Sexuality in/and Urban Setting through Select Queer Graphic Fiction	Dr. Ved Prakash
Shreesh Sharma	The Concept of Hope in the Personal and Collective Consciousness: A Study of Maus and A Bag of Marbles	Dr. Ved Prakash
Shila Khatun	Young Widowhood in Bengal: An Exploration of Caste, Gender, and Education through Choker Bali and The Poison Tree: A Tale of Hindu Life in Bengal	Dr. Ved Prakash
Kondamalla Sreeja	Intersectionality of Caste and Gender Women in Telangana: A Study of Gogu Shyamala's Short Stories	Dr. Neha Arora
Muskan Singh	Re-claiming the 'Self' in Disability Discourse: A Critical Reading of Shaheen Bhatt's memoir I've Never Been (Un)Happier	Dr. Neha Arora
Medha Nigam	Destigmatizing Period Crisis in Rural India: Deciphering Menstrual Hygiene in Pad Man	Dr. Neha Arora





Meena Choudhury	Reading the New Voices of Urban Dalits in Yashica Dutt's Coming Out as Dalit: A Memoir	Dr. Neha Arora
Dimple Verma	Unveiling the Scars: Exploring the Bhopal Gas Tragedy through select Oral and Written Narratives	Dr. Bhumika Sharma
Atul Anand	Making of an Ideology: Expression of Political Ideas in Shashi Tharoor's select works	Dr. Bhumika Sharma
Bhagchand Sahu	Caste, Colour and Body Image: A Study through select Literary and Media Texts	Dr. Bhumika Sharma
Ankita Kumari	Negotiation of Hybridity and Socio-Cultural Identities in Salman Rushdie's Recent Fiction	Dr. Bhumika Sharma
Garima Singh	Cultural and Gendered Reflections of Madness: A Comparative Analysis of Ryunosuke Akutagawa's The Nose, Edgar Allan Poe's The Tell-Tale Heart and Charlotte Perkins Gilman's The Yellow Wallpaper	Dr. Savita Andelwar
Nikita Khangarot	Application of Rasa Theory on the Plays of Girish Karnad's Naga Mandal and Tom Stoppard's Fifteen Minute Hamlet	Dr. Savita Andelwar
Pooja Kamaliya	Contextualization of Sharan Kumar Limbale's Akkarmashi in terms of Social Inequality	Dr. Savita Andelwar
Seba Joy	The Post-Rushdie Narratological Innovation in Indian Novel in English: A Study of Select Novels	Dr. Devendra Rankawat
Poonam Parmar	Men as Victims of Masculinity Discourse: A study of Select Novels	Dr. Devendra Rankawat
Padmasini Nayak	Bharata's Natyashastra and Aristotle's Poetics: A Study in Comparative Aesthetics	Dr. Devendra Rankawat

#### Department of Environmental Science

Candidate	Title of the Dissertation	Supervisor
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Name		Name
Anjali Sharma	Environmental Assessment of Copper Contaminated Water in Vicinity of Khetri Region of Rajasthan & Effect of Lanthanide on Growth and Photosynthesis of Chlorella Sp.	Dr. Shailesh Kumar Patidar
Astha Moolchandani	Assessment of Human Appropriation primary productivity of Rajasthan under changing land use pattern between 2005-2022	Prof. Laxmi Kant Sharma
Diksha Patel	Interspecific Responses of Chickpea ( <i>Cicer Arientinum</i> L.) To Drought Stress	Dr. Nivedita Chaudhary
Gummalla Sravani	Removal of Hardness from Groundwater of Bandarsindri using Bajra Husk	Dr. D. Bhagawan
Manuraj KM	Evaluation of Air Pollution Tolerance Index of Selected Roadside Plant Species in Kishangarh	Dr. Pramod N Kamble
Manuraj P	Physiological and Growth Impacts of Pet Microplastics on <i>Cicer Arietinum</i> (Chickpea) and Biodegradation Potential of <i>Micrococcus Yunnanensis</i> and <i>Brevibacillus Parabrevis</i>	Dr. Garima Kaushik
Neha Bharti	Bioprocess Optimization for Degradation of Additive Chemical BPA by <i>BREVIBACILLUS PARABREVIS</i> Using Design of Experiments	Dr. Garima Kaushik
Nirmal N G	Recovery of Biogas from anaerobic digestion of food waste a sustainable strategy	Dr. D. Bhagawan
Sashanka Baghel	Impact of Vehicular Emissions on Soil Quality Along The Route of Bandarsindri to Kishangarh	Dr. Pramod N Kamble
Shalini	Estimation of Seasonal Water Yield under Changing Climate Conditions in the Kabini River Basin, India using in VEST Model	Prof. Laxmi Kant Sharma
Shivani Yadav	Assessment of Effects of Ambient and Elevated Levels of Ozone on Selected <i>Cicer Arientinum</i> L. (Chickpea) Cultivars	Dr. Nivedita Chaudhary





Sonal Sharma	Mangrove Phenology Response Under Varying Climatic and Environmental Stressors Using Sentinel-1&2 Imagery	Prof. Laxmi Kant Sharma
Swetank Kumar	Assesment of Aerosols through satellite and ground data and relation with meteorology in North-West India	Prof. Rajesh Kumar
Akshay B Thomas	Investigation of Bajra Husk As An Adsorbent for Defluoridation of Groundwater	Dr. D. Bhagawan
Bhavya Swami	Assessment of Heavy Metal Along with Physicochemical Parameters of Groundwater of Khetri Copper Mine Region and Its associated Human Health Risk	Prof. Rajesh Kumar
Shabbaz Ansari	Analysis of Soil Physico-Chemical Characteristics and Microbial Diversity of Polluted site (Industrial Area)	Dr. Pramod N Kamble
Manish Kumar	Assesment of Physico-Chemical Parameters Along with Heavy Metals in Soil and Plants of Khetri Mining Region and Their Associated Health Risk	Prof. Rajesh Kumar
Jaya Goyal	Assesment of the Diversity of the Grassland Ecosystem in the Arid Region of Rajsathan	Dr. Nivedita Chaudhary
Geetanjali Dhurwey	Assesment of Concentration, Trace Elements, Water soluble ionic species and source apportionment of PM 2.5 and PM 10 of Rajasthan	Prof. Rajesh Kumar
Devavrathan G Nair	Pioneering sustainable Architecture: Unveiling Resilient Green Bricks Through the Fusion of Marble Waste, Fly Ash and Textile Up Cycling	Dr. D. Bhagawan
Binay Kumar Mahato	Plant-Soil Interaction in Arid and Semi-Arid Regions of Rajsathan: An Insight to Grass-Legume Assessment	Dr. Nivedita Chaudhary
Garima Choudhary	Biochemical Effects of Bisphenol – A on Growth and Development in Cicer Arietinum	Dr. Garima Kaushik





Prakriti Goswami	Biomass, Lipid Productivity and Biochemical Response of Microalga Chlorella sp. under Variable Concentrations of Iron	Dr. Shailesh Kumar Patidar
Priti Raj	Development of Efficient Bacterial Isolaters for Nutrient Solubilization (N, P, K, Zn) and Pesticide Degradation	Dr. Garima Kaushik
Suman Supriya Sahu	Assessing the Efficiency of Wastewater Effluent from Sewage Treatment Plant: A Case Study of Central University of Rajasthan	Dr. Pramod N Kamble
Basant Bijarniya	A Comprehensive Study of Environmental and Health Impacts of Marble Industries in Kishangarh, Rajasthan: In Perspective of Footprint	Prof. Laxmi Kant Sharma
Ahammed Saeed EP	Investigating Dragonfly Diversity as an Indicator of Water Quality: A case study on Aquatic Habitats in and around the Central University of Rajasthan	Dr. Ritu Singh

## Department of Hindi

Student Name	Project Title	Supervisor Name
Ajay Kumar	दारीकरण के दौर में हिंदी सिनेमा में माफियाकरण	डॉ. ममता खांडल
Geeta Kumari	अगम बहै दरियाव : किसान जीवन की महागाथा	डॉ. स्वाति चौधरी
Hemant Purohit	कृष्णा सोबती के दिलो दानिश में नारी सशक्तिकरण कि अभिव्यक्ति	डॉ. ममता खांडल
Jasraj Sharma	अमरकांत कृत ग्राम सेविका उपन्यास में चित्रित ग्रामीण समस्याएँ	डॉ. शीतल प्रसाद महेन्द्रा
Karni Singh Kaviya	उषा प्रियंवदा के अर्कदीप्त उपन्यास में आधुनिकता बोध	डॉ. शीतल प्रसाद महेन्द्रा
Manisha	रत्नकुमार सांभरिया कृत 'सांप' उपन्यास में	डॉ. शीतल प्रसाद





	सामाजिक सरोकारों का अध्ययन	महेन्द्रा
Moti Ram	मारवाड़ प्रदेश के वैवाहिक गीत (सीठणों के विशेष संदर्भ में )	डॉ. सुरेश सिंह राठौड़
Navrang Singh Kaviya	मृदुला गर्ग कृत उसके हिस्से कि धूप उपन्यास में स्त्री सम्बन्ध	डॉ. ममता खांडल
Pawan Kumar Yadav	पंकज सुबीर कृत 'हमेशा देर कर देता हूँ मैं' कहानी संग्रह में सामाजिक यथार्थ	डॉ. सुरेश सिंह राठौड़
Rahul Singh	कुसुम खेमानी कृत लालबत्ती की अमृत कन्याएं उपन्यास का सामान्य परिचय	प्रो. एन. लक्ष्मी अय्यर
Rakesh Gurjar	सौंदर्य की नदी नर्मदा: विश्लेषणात्मक अध्ययन	डॉ. स्वाति चौधरी
Sahajal Choudhary	सुषमा बेदी कृत लौटना उपन्यास में " प्रवासी स्त्री का अंतर्द्वंद्व"	डॉ. ममता खांडल
Satyavani Rinwa	संजीव कृत मुझे पहचानो उपन्यास की चित्रित समस्याएँ	प्रो. एन. लक्ष्मी अय्यर
Seema	वीरेन्द्र जैन कृत डूब उपन्यास में विवेचनात्मक अध्ययन	डॉ. ममता खांडल
Shiv Prasad Nehra	उर्मिला शिरीष के कहानी संग्रह वे कौन थे में नारी मानसिकता	डॉ. शीतल प्रसाद महेन्द्रा
Shivani Bhakar	दर्दपुर उपन्यास में विस्थापन की समस्या	डॉ. ममता खांडल
Yogesh Kumar Bairwa	गीता श्री कृत "अम्बपाली" उपन्यास में सामाजिक सरोकार	डॉ. सुरेश सिंह राठौड़
Aditi Singh	भिखारी ठाकुर के नाटकों में सामाजिक चेतना और नारी सशक्तिकरण	डॉ. शीतल प्रसाद महेन्द्रा
Amit	विषय: रामधारी सिंह दिवाकर कृत अंतिम अध्याय उपन्यास में अभिव्यक्त वृद्ध विमर्श	डॉ. सुरेश सिंह राठौड़





Guddi Devi Dhobi	जैनेन्द्रकुमार के उपन्यास त्यागपत्र का तात्विक विश्लेषण	प्रो. एन. लक्ष्मी अय्यर
Menka Bai Jat	भगवानदास मोरवाल कृत शकुन्तिका उपन्यास का सामान्य अध्ययन	प्रो. एन. लक्ष्मी अय्यर
Neha Kagot	'कृष्णा सोबती के गुजरात पाकिस्तान से गुजरात हिंदुस्तान उपन्यास में विभाजन की त्रासदी'	डॉ. ममता खांडल
Rahul Thakur	पागलखाना उपन्यास में चित्रित बाज़ारवाद	डॉ. स्वाति चौधरी
Sapna Sharma	उषा किरण खान कृत भांमती उपन्यास में स्त्री संवेदना	डॉ. ममता खांडल
Sita Devi Dhobi	भगवानदास मोरवाल कृत वंचना उपन्यास का समीक्षात्मक अध्ययन	डॉ. स्वाति चौधरी
Suman Meena	बादलों में बारूद: समाजिक, सांस्कृतिक यथार्थ का विवचनात्मक अध्ययन	डॉ. शीतल प्रसाद महेन्द्रा

#### Department of Linguistics

Candidate Name	Title of the Dissertation	Supervisor Name
Manjeet Singh	A Study of Different Morphological Processes in Marwari Language	Dr Dhanapati Shougrakpam
Keshav Basanwal	A Study of Bigram Language Models and Methods in Developing Bigram LMS for Indian Languages with Special Reference to Hindi	Dr Dhanapati Shougrakpam
Bhanu Pratap Singh	Machine Translation : Development & Issues with Special Reference to IPC	Dr. Dhananjay Kumar Tiwari
Yashvi Bhati	Punctuation Marks in the Legal Texts : Roles and Responsibility with Special Reference to Legal English	Dr. Dhananjay Kumar Tiwari

#### Department of Management (M.B.A)





Candidate Name	Title of the Dissertation	Supervisor Name
Janat Gul Barakzai	Performance analysis of Adani Group before and after controversy from Hindenburg Research Report	Dr. Sanjay Kumar
Aastha Jain	A Comprehensive analysis of corporate governance and its impact on firm performance in India: A multi sectoral study	Dr. Sanjay Kumar
Aman Deep	Making online payments easy: Understanding payment gateways in India	Dr. Sanjay Kumar
Amar Raj	Impact of Regulatory actions of Reserve Bank of India against the Banks & NBFC Companies in India	Dr. Sanjay Kumar
Anamika Gameti	Sustainability leadership: Mapping the path to net zero and beyond with Apple, Google, and Microsoft.	Dr. Avantika Singh
Chena Ram	A Comparative Study of Private life insurance companies in India.	Dr. Sanjay Kumar
Divya	Analysis of financial derivatives and their impact on market volatility.	Dr. Sanjay Kumar
Jamparangi Rudreswar	A study of artificial intelligence in human resource management.	Dr. Avantika Singh
Jitendra Kumar	Marketing mix strategies of HINDUSTAN UNILIVER limited's (HUL) companies.	Dr. Ramulu Bhukya
Khushhal Chand Khinchi	A comparative study of the selected top Indian private banks.	Dr. Sanjay Kumar
Krishnika Yadav	Emerging trends in E-wallet adoption and mobile payment use in India.	Prof. Uma Sankar Mishra
Mahendra Kuri	Impact of inflation on bank's profitability: Profitability analysis of certain banks.	Prof. Uma Sankar Mishra
Nikhil	Investor perception towards mutual funds.	Prof. Uma Sankar Mishra





Candidate Name	Title of the Dissertation	Supervisor Name
Parul Jangid	Consumer awareness towards home loan schemes of Banks.	Prof. Uma Sankar Mishra
Prince Yadav	Mutual fund portfolio management.	Prof. Uma Sankar Mishra
Punit Kumar Yadav	Customer satisfaction on food delivery apps.	Dr. Ramulu Bhukya
Ram Purohit	Impact of FDI on Indian stock market.	Prof. Uma Sankar Mishra
Rimmi	Impact of gender on leadership position in India.	Dr. Tulsee Giri Goswami
Riya Bhatt	A systematic literature review and empirical study on work life balance using ADO model.	Dr. Avantika Singh
Rohit	Risk management in banking sector.	Dr. Avantika Singh
Shakti Singh Rathore	Impact of foreign direct investment on Indian Economy-a systematic review.	Dr. Avantika Singh
Shobha Bharti	Future of AI applications in Management	Dr. Avantika Singh
Shubham Garg	Behavioral finance and investment decision making.	Dr. Ramulu Bhukya
Shubham Kumar	Navigating the wealth jungle: Understanding customer investment choices in Mutual Funds.	Dr. Ramulu Bhukya
Sweeti	Health oriented leadership and psychological health.	Dr. Tulsee Giri Goswami
Venkatesh Kumar Kaushik	Marketing strategies in social enterprises.	Dr. Avantika Singh
Vishal Kumar Gupta	Financial service in India: A comprehensive analysis of the landscape, challenges and future prospects.	Dr. Ramulu Bhukya
Rajanish	Analysing the relationship between real estate	Dr. Tulsee Giri





Candidate Name	Title of the Dissertation	Supervisor Name
Dwivedi	investment and portfolio management.	Goswami
Sakshi Rani	Neuroleadership impact on daily life.	Dr. Tulsee Giri Goswami
Ritesh Kumar	Effect of behavioural finance and personnel finance on financial decision making.	Dr. Tulsee Giri Goswami
Mahesh Kumar	Health oriented leadership and employees work behaviour.	Dr. Tulsee Giri Goswami
Ibrar Ul Haq	The impact of social media marketing with the buying behaviour of young consumers	Dr. Ramulu Bhukya
Shubham Shukla	Digital marketing in the gig economy.	Dr. Ramulu Bhukya
Avinash Singh	Digital marketing strategies of Apple, Nike and Zomato	Dr. Ramulu Bhukya

#### Department of Mathematics

Candidate Name	Title of the Dissertation	Supervisor Name
Shashikant Agrawal	Different types of fuzzy sets: A Review	Dr. Vijay Kumar Yadav
Mukesh Kumawat	Multidimensional Fuzzy Sets: A Review	Dr. Vijay Kumar Yadav
Devi Lal Suthar	A review of relationship among L-Fuzzy Relations, Normal Operators, L-Fuzzy Approximation Spaces and Fuzzy Transformation Systems	Dr. Vijay Kumar Yadav
Ratnesh Singh	ILF-Approximation Operators and ILF-Relations on Residuated Lattices	Dr. Vijay Kumar Yadav
Manish Kumar Singaria	Typical Hesitant Fuzzy Rough Sets: A Review	Dr. Vijay Kumar Yadav
Mukesh Saini	Relationship Between Geometry and Topology	Dr. Vijay Kumar Yadav





Candidate Name	Title of the Dissertation	Supervisor Name
Deepak Meena	Rough Set And It's Application	Dr. Vijay Kumar Yadav
Ankit Kumar	Fuzzy Metric Spaces	Dr. Vijay Kumar Yadav
Ankit Kumar	Fuzzy Group Theory: A Review	Dr. Vijay Kumar Yadav
Narendra Runthakla	On Fuzzy Set Theory	Dr. Vijay Kumar Yadav
Sumit Nirwan	Tools to Handle Uncertainty	Dr. Vijay Kumar Yadav
Gaurav Jangid	On Hesitant Fuzzy Topological Spaces	Dr. Vijay Kumar Yadav
Mukesh Rajak	On Fuzzy-Induced Aggregation Operators and Its Application: A Review	Dr. Vijay Kumar Yadav
Nilesh Kumar	Scale-Invariant Multi Resolution Alternative WENO Scheme for the Euler Equations	Dr. Asha Kumari Meena
Abhishek Godara	Study of weakly nonlinear bioconvection under concentration modulation	Dr. Anand kumar
Ambika Kuri	Study Of Weakly Nonlinear Thermal Bioconvection Under Gravity Modulation	Dr. Anand Kumar
Amita	Study Of Weakly Nonlinear Bioconvection Under The Buoyancy Effect	Dr. Anand Kumar
Tushar Rathore	Influence Of Hall Current And Viscous Dissipation On Mhd Boundary Layer Flow Over A Stretching Cylinder In The Presence Of Radial Magnetic Field	Dr. Anand Kumar
Jyotsana Lata	Influence Of Hall Current And Mixed Convection On Thermally Stratified Mos2 – Sio2/H2o Hybrid Nanofluid Over A Vertical Stretching Cylinder In The Presence Of Radial Magnetic Field	Dr. Anand Kumar





Candidate Name	Title of the Dissertation	Supervisor Name
Poonam Sharma	Effect Of Heat Source / Sink And Mixed Convection On Thermally Stratified Cu – Al <sub>2</sub> O <sub>3</sub> /H <sub>2</sub> O Hybrid Nanofluid Over A Vertical Stretching Cylinder In The Presence Of Radial Magnetic Field	Dr. Anand Kumar
Suresh Kumar	Influence Of Chemical Reaction, Hall Current And Thermal Radiation On Mhd Williamson Nanofluid Flow Over A Stretching Cylinder With Variable Thermal Conductivity In The Presence Of Radial Magnetic Field And Heat Source/Sink	Dr. Anand Kumar
Saurabh Paladia	Stefan Blowing And Hall Effect On Maxwell Nanofluid Over An Stretching Cylinder With Heat Source/Sink, And Viscous Dissipation In The Presence Of Radial Magnetic Field	Dr. Anand Kumar
Shivprakash Prajapat	Mhd Nanofluid Horizontal Needle	Dr. Anand Kumar
Anuj Sharma	Numerical Methods for System of Equations	Dr. Asha Kumari Meena
Mayank Khidiya	Numerical Methods for Initial Value Problem	Dr. Asha Kumari Meena
Buddhpriya Kasotiya	A Well-balanced Path-conservative Central-Upwind Scheme for Shallow Water Flow in Channels	Dr. Asha Kumari Meena
Priyanka	High Order Accurate physical-Constraints-Preserving Finite Difference WENO Schemes for Special Relativistic Hydrodynamics	Dr. Asha Kumari Meena
Sanat Kumar	Thermodynamically Compatible Numerical Schemes for Hyperbolic Systems	Dr. Asha Kumari Meena





Candidate Name	Title of the Dissertation	Supervisor Name
Nilesh Kumar	Scale-Invariant Multi-Resolution Alternative WENO Scheme for the Euler Equations	Dr. Asha Kumari Meena
Sonam Kumari Meena	Second Order Invariant Domain Preserving Scheme for Ten Moment Equations	Dr. Asha Kumari Meena
Vikash Kumar Burdak	Provably Convergent Newton-Raphson Methods for Recovering primitive variables	Dr. Asha Kumari Meena
Haripriya Biswanath	A Survey on Calculus	Dr. Ram Kishor
Leela Anchara	On the Linear Programming	Dr. Ram Kishor
Nandini	A Survey on Group Theory	Dr. Ram Kishor
Nikita	An Overview of Differential Equations	Dr. Ram Kishor
Tejaswita	On the Analytic Functions in Complex Analysis	Dr. Ram Kishor
Surendra Mund	Two odd Problem: Variational Interaction Analysis	Dr. Ram Kishor
Aryan M. Khan	Motion in ER3BP with Luminous Primary and Oblate Secondary	Dr. Ram Kishor
Abhishek Choudhary	Effect of oblateness, radiation along with dark matter halo on restricted three body problem	Dr. Ram Kishor
Anil Gothwal	Stability analysis in Robe's problem under the effect of radiation	Dr. Ram Kishor
Khinvaraj Mundel	Effect of the elliptic restricted body problem under effect of oblateness and radiating force Perturbation on Dynamics of Infinitesimal Mass in Circular RFBP	Dr. Ram Kishor
Priyanshu Kumar Meena	Stability analysis under the effect of	Dr. Ram Kishor





Candidate Name	Title of the Dissertation	Supervisor Name
	oblateness in Robe's problem	
Gyaneswar Mahanta	Defects in flexoelectric materials	Dr. Kamlesh Jangid
Manisha Pal	Interface crack between magneto-electro-elastic and orthotropic half-spaces under in-plane loading	Dr. Kamlesh Jangid
Mayawati	A study of pre-fracture zones modelling for a limited permeable crack in an interlayer between two magneto-electro-elastic materials	Dr. Kamlesh Jangid
Preeti Yadav	A study of central crack in a magneto-electro-elastic square plate using gradient elasticity theory	Dr. Kamlesh Jangid
Harsh Katiyar	Strain gradient fracture in anti-plane cracked material layer	Dr. Kamlesh Jangid
Sahil Verma	An influence of perpendicular material gradation on a Mode-III fracture in FGMs using gradient elasticity theory	Dr. Kamlesh Jangid
Manoj	A study on analytical fracture parameters of two unequal collinear interface cracks in an orthotropic bimetals	Dr. Kamlesh Jangid
Nirma Dhaker	An influence of parallel material gradation on a Mode-III in a FGMs using gradient elasticity theory	Dr. Kamlesh Jangid
Monika Chodhary	Yoffe-type moving crack in FGMs	Dr. Kamlesh Jangid
Govind Patel	A study on semi-infinite moving crack in an	Dr. Kamlesh





Candidate Name	Title of the Dissertation	Supervisor Name
	orthotropic strip	Jangid
Abhishek Pundir	Introduction to Linear Programming	Dr. Kamlesh Jangid
Aryan Manda	Numerical Methods: Origin, History and Development along with Applications	Dr. Kamlesh Jangid
Mohit Soni	Differential Calculus and its Application-Taylor's Series	Dr. Kamlesh Jangid
Tushar Daila	Ordinary Differential Equations	Dr. Kamlesh Jangid
Vineet Maurya	Linear Algebra and its Applications-Hill Cipher	Dr. Kamlesh Jangid
Priya Tanwar	Univalence Of Gaussian And Confluent Hypergeometric Functions	Prof. Jugal Kishore Prajapat
Deepak Bansal	A study on Subfamily of Univalent Functions	Prof. Jugal Kishore Prajapat
Purvi Garg	The Riemann Hypothesis	Prof. Jugal Kishore Prajapat
Deepak Bansal	A study on Subfamily of Univalent Functions	Prof. Jugal Kishore Prajapat
Anuradha Mandal	Malaria transmission model with saturated incidence function: An optimal control analysis	Dr. Jai Prakash Tripathi
Dixita Jain	Malaria transmission model with saturated incidence function: An optimal control analysis	Dr. Jai Prakash Tripathi





Candidate Name	Title of the Dissertation	Supervisor Name
Raushan Kumar	A study on certain geometric properties of Bessel-Clifford function	Prof. Jugal Kishore Prajapat
Nandini Agrawal	A study of Stochastic process, Types of Stochastic Process, Markov process, Types of Markov Process and Queuing System	Dr. Vidyottama Jain
Bhupendra Meena	Convex Approximation of Analytic Function	Prof. Jugal K Prajapat
Moni Jaiswal	Stability And Bifurcation Of A Predator - Prey System With Multiple Anti - Predator Behaviors	Dr. Jai Prakash Tripathi
Rajender Kumar	Starlike Approximation of Analytic Function	Prof. Jugal K Prajapat
Deepak Das	Optimal Control Strategies for Malaria Vector Management: Assessing the Impact of Time Delay in Chemical Spraying	Dr. Jai Prakash Tripathi
Rahul Kumar	Optimal Control Strategies for Malaria Vector Management : Assessing the Impact of Time Delay in Chemical Spraying	Dr. Jai Prakash Tripathi
Priya Tanwar	Power graph of non-abelian group of order $p^3$ of exponent $p^2$	Dr. Vipul Kakkar
Harsh Kumar	Power Graph of Some Non-Abelian Groups Of Order $p^4$	Dr. Vipul Kakkar
Muskan	Achievement and Avoidance games on Three Special Classes of Group	Dr. Vipul Kakkar





Candidate Name	Title of the Dissertation	Supervisor Name
Kamlesh	Power Graph of Non-Abelian Group of Order $p^4$ isomorphic to $Z_p^2 \rtimes Z_p^2$	Dr. Vipul Kakkar
Sandeep Giri	Power Graph of Non Abelian Groups of Order $p^4$ Isomorphic to the Groups $G_1 = ((Z_p \times Z_p) \rtimes Z_p) \times Z_p$ and $G_2 = (Z_p \times Z_p \times Z_p) \rtimes Z_p$	Dr. Vipul Kakkar
Riya Sahu	Power Graph of Non-Abelian Group of Order $p^3$ Exponent $p$	Dr. Vipul Kakkar
Sakshi Mallika	Power Graph of Some Non-Abelian Groups of Order $p^4$	Dr. Vipul Kakkar
Sarssvati Kumari	Power Graph of Non-Abelian Group of Order $p^4$ Isomorphic to Group $G = (Z_p^2 \rtimes Z_p) \rtimes Z_p$	Dr. Vipul Kakkar
Sanjit Kumar Jaiswal	Energy saving in cognitive radio network using M/M/1 queue model using non preemptive priority with N-policy and multiple sleep mode	Prof. D C Sharma
Bikash Sahu	EnergysavingstrategywithN-policymultiple sleep mode in cognitive radio networks with M/M/1 queuing model	Prof. D C Sharma

#### Department of Microbiology (Integrated M.Sc. & M.Sc. Microbiology)

Candidate Name	Title of the Dissertation	Supervisor Name
Shivam Kumar	Coupled remediation and biomass production employing microalgae using effluent from paper mill and anaerobic digester	Dr. Nidhi Pareek





Sandhya Saini	Biocatalytic Prospectives of <i>Thermomyces lanuginosus</i> Chitinolytic System	Dr. Nidhi Pareek
Saurav Kumar	Sustainable Nanoremediation and Antibacterial efficacy: A comparative Study of Chitin nanoparticle, Metal nanoparticle, and their nanocomposite	Dr. Nidhi Pareek
Soniya	Bio-Extraction of Chitin from Shrimp Shells By Successive Two-Step Microbial Fermentation	Dr. Nidhi Pareek
Prachi Shukla	Production and characterization of chitinase from <i>Trichoderma harzianum</i>	Dr. Nidhi Pareek
Mumne Tamuk	In silico Prediction and Characterization of <i>Cicer arietinum</i> Chitinase: Unravel the Antifungal Potential by using Allosamidin and Argifin	Dr. Nidhi Pareek
Ankit Kumar Paswan	Studies on Flavonoids and Antioxidant of Cyanobacteria	Prof. Pawan K Dadhich
Jaya	Synthesis of Silver-Ampicillin Nanocomposites for Evaluation of Antibacterial Activity	Prof. Pawan K Dadhich
Patnana Divya	Effect of Salt Stress on Cyanobacterial Polyphenols Content	Prof. Pawan K Dadhich
Rupanjali Kumari	Antibiofilm Properties and Antibacterial Activity of Microparticles Biosynthesized from Cyanobacterial Isolates	Prof. Pawan K Dadhich
Ashok Kumar Kumawat	Extraction of Antibiotic Compound from <i>Prestia megaterium</i> isolated from <i>Pergularia daemia</i>	Prof. Pawan K Dadhich
Arunima	Cloning and expression of MIP_03416 of <i>Mycobacterium indicus pranii</i>	Dr. Deeksha Tripathi
Manasa R	Cloning of Putative Toxin-Antitoxin Module	Dr. Deeksha





	MIP_01507-MIP_01509 of <i>Mycobacterium indicus pranii</i>	Tripathi
Khushboo Negi	Investigation of survival potential of <i>Mycobacterium indicus pranii</i> and <i>Mycobacterium smegmatis</i> on exposure to stress conditions.	Dr. Deeksha Tripathi
Sharvan Choudhary	Structure-based analysis of small molecular inhibitor against antitoxin of <i>Mycobacterium tuberculosis</i> H37Rv.	Dr. Deeksha Tripathi
Nanda Santhosh	Cloning and expression of protein tyrosine phosphatase B of <i>Mycobacterium indicus pranii</i>	Dr. Deeksha Tripathi
Gargi Gautam	Structure based identification of small molecule inhibitors of peptidyl prolyl cis trans isomerase B and BAS4370 of <i>Bacillus anthracis</i>	Dr. Deeksha Tripathi
Arpita Khandelwal	Evaluation of indigenous medicinal plants for Antibacterial activity against oral care pathogen	Prof. Inshad Ali Khan
Priyanka Choudhary	Molecular Dynamics Simulation, Validation, and Virtual Screening of Anti-frameshifting Agents Targeting the RNA Pseudoknot Structure of SARS-CoV-2	Prof. Inshad Ali Khan
Akash Jena	Targeting SARS CoV-2 RBD: An in-silico Approach Combining Drug Screening and Molecular Dynamics	Prof. Inshad Ali Khan
Shital Kumari	Antimicrobial Resistance in <i>Escherichia coli</i> Isolated from soil	Prof. Inshad Ali Khan
Vishal Vinod	Mupirocin loaded microemulsion for antimicrobial activity against <i>Staphylococcus epidermidis</i>	Prof. Inshad Ali Khan
Nikita Choudhary	Evaluation of leaves of ethnomedicinal plant <i>Balanites aegyptiaca</i> for antioxidant and anti-inflammatory activity	Prof. Inshad Ali Khan
Aakash Jangid	Ciprofloxacin loaded mixed micelles for enhanced antimicrobial activity against <i>Staphylococcus epidermidis</i>	Prof. Inshad Ali Khan





Jahnvi Hasija	Evaluation of enhanced oil recovery potential of biopolymer silica nanocomposites	Dr. Akhil Agrawal
Bhawna Saini	Biochemical characterization of the rhizospheric bacteria for the crop inoculant formulation	Dr. Akhil Agrawal
Akshita Jain	Identification of rhizospheric microbial community of crops grown biopolymer amended desert sand	Dr. Akhil Agrawal
Sharon Sunny	A comparative study of extraction techniques for optimal cyanobacterial fatty acid recovery	Dr. Akhil Agrawal
Vishal Sahu	Screening of biopolymer blends for enhanced oil recovery	Dr. Akhil Agrawal
Roopender Mehala	Evaluation of microbial community dynamics in oil field bioreactions using amplicon metagenomics	Dr. Akhil Agrawal
Parul Vyas	Assessment of LDPE biodegradation by oil field microbial consortium using multi-analytical approach	Dr. Akhil Agrawal
Deepak Kumar Kaushal	Biodegradation of Microplastics using Diverse Groups of Microorganisms	Prof. Pradeep Verma
Rachana Yadav	Horizontal Sub-Surface Flow Constructed Wetland for Detoxification of Sewage Wastewater using Microalgae	Prof. Pradeep Verma
Ashwini Jain	Adsorptive removal of methyl orange from aqueous solution using biochar	Prof. Pradeep Verma
Pratyush Kumar Panigrahi	Combined Assessment of Biochar and Rhizobacteria on the Growth Promotion of Chickpea ( <i>Cicer arietinum</i> L) Plants	Prof. Pradeep Verma
Shubham Kumar	Impact of biochar and compost amended soil on plant growth promotion of Asparagus bean ( <i>Vigna unguiculata</i> spp. <i>sesquipedialis</i> )	Dr. Sagar S. Barale
Ramcharan Meena	Isolation and characterization of alkaline protease producing <i>Bacillus</i> species of Sambhar Lake.	Dr. Sagar S. Barale
Sheetal	In-Silico identification of small molecules targeting homoserine acetyl transferase of	Dr. Sagar S.





Patnaik	Mycobacterium tuberculosis	Barale
Ankit	Ligand base virtual screening of small molecules inhibitors targeting HDAC3	Dr. Sagar S. Barale
Komal Verma	Mechanistic studies of ATPase activity of M. tuberculosis SecA2 and virtual screening for its inhibitors.	Dr. Sagar S. Barale
Kiran Manoj	Biofilm formation and heavy metal resistance of Acinetobacter oleivorans DR1	Dr. L Paikhomba Singha
Piyush Gurjar	Bacterial degradation of Di-(2-ethylhexyl) phthalate (DEHP) and its insilico analysis of interaction with Carboxylesterase Est2	Dr. L Paikhomba Singha

**Department of Pharmacy**

Candidate Name	Title of the Dissertation	Supervisor Name
Rutik A Hurulkar	Formulation of Eberconazole Nanosuspension Based Carbopol Gel for the Topical Applications	Dr Kaisar Raza
Neha Gupta	Preparation, Characterization and Evaluation of Syringic Acid-based Nanoemulgel for Effective Wound Healing	Dr Kaisar Raza
Subeel Shah	Investigation on the Delivery Potential of Milk-derived Exosomes for the Codelivery of Docetaxel and Syringic Acid; Development and Validation of Artificial Intelligence-assisted Models for the Outcomes Prediction of Anticancer Therapy Using Nanocarriers	Dr Kaisar Raza
Malti Thakur	Stack Ensemble Model for DPPIV Activity Outperforms Individual ML QSAR Models	Dr Devesh M Sawant
Gauri Mishra	Integrating Scattered Ensemble Learning in MET: A Mode for Classification and Prediction of c-MET Inhibitors Activity and Specificity	Dr Devesh M Sawant
Dibakar	Design, Synthesis of Next Generation PET	Dr Devesh M





Nayak	Radiotracers Using Hydrophobic Linker Tethered metal Chelator for Theranostic Targeting Fibroblast Activation Protein	Sawant
Vijay Gavali	Study of DprE1 Inhibitors for Tuberculosis Disease Through Machine Learning Approaches	Dr Devesh M Sawant
Anjali Jain	Chitosan-graft-poly ( $\epsilon$ - caprolactone) Polymersomes for Effective delivery of Bortezomib in Breast Cancer Treatment	Dr Umesh Gupta
Pallem Karthikeya Lalitha Siddhartha	Biotinylated Dendrimer Mediated Delivery of Temozolomide for the Effective Treatment of Glioblastoma	Dr Umesh Gupta
Ananya Pal	Formulation and Evaluation of Edoxaban Tosylate monohydrate-loaded electrospun nanofiber Patches	Dr Madhuri Desavathu
Pratiksha Singh	Formulation and Evaluation of self-emulsifying drug delivery systems of Bilastine	Dr Madhuri Desavathu
Nisha Joshi	Formulation and Evaluation of Raltegravir Potassium Loaded Nanoemulsion	Dr Madhuri Desavathu
Akhila A R	Pharmacological Investigation of Natural Products Against Diabetes Mellitus and Post Complications Using Network Pharmacology and <i>In Silico</i> Studies	Dr. Vipin Kumar
Birjesh Kumar Chaudhary	Exploration of Extract and Nanoformulation from the extract of Indian Plant <i>Nycanthes arbortristis</i> (Parijat/ Harsingar) of the Management of Type II Diabetes	Dr. Vipin Kumar
Shudhanshu Jaiswal	Synthesis, Characterization, and <i>In silico</i> Studies of Novel 1,4-dihydroquinoxaline-2,3-dione Derivatives as Anthelmintic Agents	Dr. Vipin Kumar
Akanksha Jain	Synthesis, Characterization and <i>In silico</i> Evaluation of Quinoline Derivatives Targeting Oxidative Stress	Dr. Vipin Kumar
Priya Bagrana	<i>In silico</i> Investigation of Potential Agents Against Breast Cancer using De novo Design and Network Pharmacology Approaches	Dr. Vipin Kumar
Aniket Dinkar Khairnar	Development of Oromucosal Nanocarriers for Delivery of Antimicrobials	Dr Amit K Goyal





Dhule Gaurav Rajaram	Development and Evaluation of Novel Drug Delivery System for Treatment of Urinary Tract Infection	Dr Amit K Goyal
Pandey Ajay Sanjay	Preparation and Characterization of Liraglutide loaded Nanofibrous patch for the management of Type -2 Diabetes mellitus	Dr Amit K Goyal

### Department of Physics

Candidate Name	Title of the Dissertation	Supervisor Name
Aditi Agrawal	Theoretical Study Of Mixtures Of Bose-Einstein Condensates	Dr. Kuldeep Suthar
Arpit Kumar Garg	Investigating The Theoretical Dynamics Of Laser Beam Propagation In Turbulent Mediums	Dr. Brijesh Kumar Singh
Debasish Giri	Numerical Simulations Of Fear-Induced Prey-Predator Dynamics: A Holling Type III Model With Prey Refuge And Harvesting	Dr. Jai Prakash Tripathi
Deepak Kumar	Analysis Of Problem-Solving Skills Of Secondary School Students On STEM-Education Based Pedagogy	Dr. Deepak Kumar
Keshav Kumar	Nurturing Critical Thinking Skills In Science Classrooms At Secondary School Based On Bloom's Taxonomy	Dr. Nithya Prem S.R.
Manendra Singh	Quantum Entanglement From Topology	Dr. Siddharth Dwivedi
Manjubala	Photocatalytic Activity Of Pyrochlore Compound $\text{Fe}_2\text{Mn}_2\text{O}_7$	Dr. Neeraj Panwar
Navita	Resistive Instability In A Hall Plasma Discharge Under Ionization Effect By Considering Axial Magnetic Field	Dr. Sukhmander Singh
Nitish Soni	Characterization Of Ag/P-Si/Al Schottky Barrier Diode	Dr. Sandeep Kumar
Pradeep	Fabrication And Characterization Of Ohmic	Dr. Sandeep





Candidate Name	Title of the Dissertation	Supervisor Name
Kumar Jangir	Contacts On N-Gas Semiconductor	Kumar
Rachana Goswami	Theoretical Study Of Super Oscillatory Spot Formulation	Dr. Brijesh Kumar Singh
Rahul Kumar	Surface Modification Of G-C <sub>3</sub> N <sub>4</sub> Nanostructures For Effective Photodegradation Of Amaranth Dye	Dr. Rajendra Charandeo Pawar
Rishu	Multi-Boundary Topological Entanglement	Dr. Siddharth Dwivedi
Sagar	Natural Sunlight Driven Photocatalytic Degradation Of Water Pollutant Using G-C <sub>3</sub> N <sub>4</sub> /CeO <sub>2</sub> Nanocomposites	Dr. Rajendra Charandeo Pawar
Sanskriti Verma	Synthesis Of Thin Films Of Ga <sub>2</sub> O <sub>3</sub> By Sol-Gel Method	Dr. Sandeep Kumar
Saswati Pal	Mathematical Analysis Of Fear-Induced Prey-Predator Dynamics: A Holling Type III Model With Prey Refuge And Harvesting	Dr. Jai Prakash Tripathi
Saurabh Kumar	Theoretical Study Of Landan Damping In Bose-Einstein Condensate	Dr. Kuldeep Suthar
Shital Prajapat	Entanglement In Neutrino Oscillations	Dr. Siddharth Dwivedi
Shiv Kumar	Synthesis And Structural Characterization Of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Thin Films	Dr. Yugandhar Bitla
Shivani Aggarwal	Taming Explosive Growth Through Linear Augmentation	Prof. Manish Dev Shrimali
Subrata Debnath	Rare-Induced Tipping In Coupled Prey-Predator System	Prof. Manish Dev Shrimali
Surendra	Physical Pendulum: A Method For Investigating Effect Of Temperature On	Dr. Rajendra





Candidate Name	Title of the Dissertation	Supervisor Name
Mehriya	Liquid's Viscosity	Charandeo Pawar
Vishnu Yadav	Solitary Wave In Plasma	Dr. Sukhmander Singh
Yash Pant	Soliton Dynamics In Bose-Einstein Condensate	Dr. Kuldeep Suthar
Ashish Gupta	Spin-Coated Flexible Transparent Conducting Thin Films Of Al:Zno	Dr. Yugandhar Bitla
Bharavi Snehil Khatri	Entanglement In Torus Links For $Su(4)$ Group	Dr. Siddhath Dwivedi
Dilkhush Meena	Effect Of Dust With Multi-Ion On Tilted Electrostatic Resistive Instability In A Hall Thruster	Dr. Sukhmander Singh
Kajal Mittal	Synthesis And Characterization Of Bilayer $La_{1.4}Sr_{1.6}Mn_2O_7$ Nanoparticles	Dr. Yugandhar Bitla
Kanchan Kumawat	Preparation And Structural Characterization Of Z2XY Type Heusler Alloys	Prof. Ajit Kumar Patra
Khushboo Yadav	Dipolar Bose-Einstein Condensation	Dr. Kuldeep Suthar
Manushree Vaishnav	Synthesis Of Zno Nanoroads Of Silicon Wafers	Dr. Sandeep Kumar
Mohammad Aftab	Logistic Maps With Higher-Order Interaction	Prof. Manish Dev Shrimali
Purushottam Purviya	Synthesis And Characterization Of Zno Nanorod And Zno Nanoparticles Coated ITO Substrate	Dr. Sandeep Kumar
Raghunath	Thz Radiation Generation From Beat Wave	Dr. Sukhmander





Candidate Name	Title of the Dissertation	Supervisor Name
Bishor	Interaction Of Laser With Plasma	Singh
Gandivalasa Nagaprathima	Shadographic Imaging Of Laser Ablative Underwater Shockwaves	Dr. Brijesh Kumar Singh
Pratham Dadhich	Group Theory And Topological Entanglement	Dr. Siddharth Dwivedi
Aditi Sharma	Torus Link Entanglement For $Su(3)$ Group	Dr. Siddharth Dwivedi
Amlan Mishra	A Micromagnetic Study On Skyrmion-Hosting Co-Zn-Mn System	Prof. Ajit Kumar Patra
Anuradha Jangir	Effect Of Electron Beam And Multi Ion On Tilted Electrostatic Resistive Instability In Hall Thruster	Dr. Sukhmander Singh
Aryan M Khan	Motion In ER3BP With Luminous Primary And Oblate Secondary	Dr. Ram Kishor
Ayush Agarwal	Quantum Logic Gates In Quantum Information Theory	Dr. Siddharth Dwivedi
Dhanalakshi M	Preparation And Structural Characterization Of Selected Half-Heusler Alloys	Prof. Ajit Kumar Patra
Divyanshi	Synthesis And Application Of Nanomaterials	Dr. Sukhmander Singh
Gaurav Dutt	Investigation On Electromagnetic Resistive Instability In A Hall Thruster Plasma Under The Impact Of The Electron Beam	Dr. Sukhmander Singh
Gautam Kumar Burdak	Generation Of V-Point Polarization Singularity	Dr. Brijesh Kumar Singh
Kamalveer	Study Of Magnetoresistance In Diode-Assisted	Dr. Yugandhar





Candidate Name	Title of the Dissertation	Supervisor Name
	Magneto-Resistive Devices	Bitla
Kuldeep Sepat	Fluoride- Free Synthesis Method Of Sustainable Mxene ( $Ti_3C_2$ ) And Its Application In A Neuromorphic Computing Field	Dr. Sandeep Kumar
Pukhraj Kakdawa	Study Of Abrupt Autofocusing Beam From A Computer Generated Hologram	Dr. Brijesh Kumar Singh
Rahul Garg	Rotating Bose-Einstein Condensate	Dr. Kuldeep Suthar
Ravi Nagar	Replica Trick In (1+1)-D Topological Quantum Field Theory	Dr. Siddharth Dwivedi
Sumit Kotwal	Formation Of Low Resistance Ohmic Contacts For High Power Laser Diode	Dr. Rajendra Charandeo Pawar
Surendra Mund (R)	Two Body Problem: Variational Interaction Analysis	Dr. Ram Kishor

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

Candidate Name	Title of the Dissertation	Supervisor Name
Aftab Alam	Access to Quality Elementary Education for SCs in Government Schools: A Study at Dagarua Block in Purnia (Bihar)	Prof. S. Kandasamy
Rutika Dutta	Public Policy for Prevention of Child Marriages: A Study of Kanya Shree Prakapla Scheme in Kootchbihar Sadar Sub division of West-Bengal	Prof. S.N Ambedkar
Rajesh Kumar Dhaka	Socio-Economic Determinants and Impacts of Child Labour in Sikar District of Rajasthan	Dr. Sudhir Kumar Garhwal
Shyam Babu	An Evaluation of National Rural Livelihood Mission: Impact and Challenges in Etah District of Uttar Pradesh	Dr. Sudhir Kumar Garhwal





Candidate Name	Title of the Dissertation	Supervisor Name
Komal Jakhar	Gender and WASH in Urban Slums: Exploring Woman's Experiences Needs and Priorities in accessing clean Water and Sanitation Services	Dr. Gyana Ranjan Panda
Dilsa Elz Jojan	Unravelling the Catalyst of Student Migration from Kerala to Global North Destination: Insights for Policy Development	Prof. S.N Ambedkar
Arshik Anil Kumar	The Study of Impacts of Artificial Intelligence and Big Data on Health and Education Sectors of India	Dr. Gyana Ranjan Panda
Anurag Rankawat	The Influence of Social Media on Public Policy Dynamics in Rajasthan	Dr. Gyana Ranjan Panda
Anjelina Mayanglambam	Navigating Stigma and Support: Gender Perspectives on Substance Abuse in Imphal West	Prof. S. Kandasamy
Aaksh Sen	Evaluating the Impact of Smart Cities initiative in India: A Case Study of Ajmer District of Rajasthan	Prof. S. Kandasamy
Mauz Khan	Digital Literacy in Rural Rajasthan: A Case Study of Kishangarh Block in Ajmer District	Dr. C. Jeevan Kumar
Mayur Sharma	Civil Service Reforms in India: Corruption and accountability	Dr. C. Jeevan Kumar
Pranay Parijat	Implementation of Digital India in Bihar: A Case Study of Begusarai and Patna District	Dr. C. Jeevan Kumar
Thombre Raviraj Balu	Empowerment of Rural Woman Through MGNREGA: A Study of Silora Block of Ajmer District of Rajasthan	Dr. C. Jeevan Kumar
Mushkan Kushwah	Civil Service Training in India and Its Impacts on Service Delivery	Dr. C. Jeevan Kumar
Nehal Kakroda	Legal Framework and Woman's Access to Justice in Rajasthan	Prof. S.N Ambedkar
Sriraj Thripathy	From Handshake to Hashtags: The Evolution of Political Campaign Strategies- A Comparative Analysis of Traditional vs Modern	Dr. Sudhir Kumar Garhwal





Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Kumar	Youth and Voting Determinants: Exploration amongst first time voters	Dr. Jagdish Jadhav
Afeefa	Autonomy and challenges in carrier progression and employment among Muslim women in Kerala	Dr. Shaizy Ahmed
Agreema Verma	Exploring the factors associated with women reproductive health in rural Rajasthan	Dr. Atiq Ahmed
Akheel Nasim	Perspective of Youth of Kerala on including Sex Education in School Curriculum	Dr. Rajeev MM
Amal Mathew	Assessment of Caregiver's stress and coping strategies with reference to children with intellectually disability	Dr. Shaizy Ahmed
Anjana	A study on the challenges facing by the Haritha Karma Sena Workers in Kozhikode district of Kerala	Dr. Jagdish Jadhav
Ankit Kumar	Anganwadi Workers Experiences of Implementing the 1000 Days intervention program in Kishangarh Block	Dr. Jagdish Jadhav
Archana	Prevalence of Self Medication practices among young adults at Central University of Rajasthan	Dr. Rajeev MM
Arif Zaman Mazumder	"Psychosocial Impact of 2022 flood disaster on youth in Silchar, Assam.	Dr. Rajeev MM
Arunkumar T S	Extreme Weather Events and food insecurity in Rajasthan	Dr. Jagdish Jadhav
Chiranjeet Roy	Understanding the challenges and opportunities of interstate Migrant Workers in Kishangarh block of Rajasthan: A Study from an intersectionality perspective	Dr. Dandub Palzor Negi
Daphilakmen Lyngdoh	"Exploring the impact of Matrilineal Kinship structures on Gender Roles and Social Dynamics within Matrilineal society in Meghalaya"	Dr. Dandub Palzor Negi
Hridya	A study on impact of stress experienced by aspirants who underwent residential competitive exam coaching	Dr. Atiq Ahmed





Candidate Name	Title of the Dissertation	Supervisor Name
Krishna Kumar	Women`s engagement and challenges in MGNAREGA in Kishangarh, Rajasthan	Dr. Rajeev MM
Kuldeep Gurjar	Healthcare Payments: Impact Assessment of Ayushman Bharat Scheme in Ajmer District	Dr. Jagdish Jadhav
Manjiri Kuche	A study on occupational stress and work-life balance among women engaged in construction work	Dr. Shaizy Ahmed
Mayoogha -P	Health related life styles and risk behaviour among students living in hostels.	Dr. Atiq Ahmed
Muskan	“Impact of Artificial Intelligence on study habit and creative thinking among Graduation and Post-Graduation Students”	Dr. Rajeev MM
Nibir Chakma	The Educational Challenges of De-Notified Tribes in Rajasthan”	Dr. Dandub Palzor Negi
Puja	Availability, Accessibility and Affordability of Higher Education amongst rural women in Ajmer, Rajasthan	Dr. Shaizy Ahmed
Rifa	Attitude towards marriage among unmarried young women in Kerala	Dr. Atiq Ahmed
Ronak Karnawat	Resilience amidst tradition: Challenges and coping strategies among children of Nata Pratha in Riyan Bari Block, Nagaur (Rajasthan)	Dr. Dandub Palzor Negi
Sagariga	“A study on Self-Esteem, Peer Relations and Dependency among the adolescents of Kerala”	Dr. Atiq Ahmed
Shabana Hussain	Career Aspirations and Education attainment among adolescent girls of Madrasa Education System in Rajasthan	Dr. Shaizy Ahmed
Sharmila Saha	Perceptions and practices of Masculinities among youth studying in Central University of Rajasthan	Dr. Dandub Palzor Negi
Shivangi Johri	Exploring impact of psychosocial dynamics of boarding school environment in Rajastahn	Dr. Atiq Ahmed





## Department of Society Technology Interface

Candidate Name	Title of the Dissertation	Supervisor Name
Abhijitkumar Singh	Comparative Analysis of E-waste Management Policies in Top three e-Waste Generating Countries i.e China, United States of America and Bharat	Dr. Kumar Sambhav Pareek
Ashique Ali M V	Exploring the Impact of Technology on Adolescent Social Skills: A Study of Mallapuram Municipality, Kerala, India	Dr. Wairokpam Premi Devi
Gulnawaj Ahmad	Digital Transition in Micro Enterprise: A Case of Makhana Industry in Mithila Region of Bihar	Dr. Jaya Kritika Ojha
Joydas K	Analysing impact of Social Media Marketing on the Malayalam film Industry	Dr. Jugal Kishor
Khemraj Sharma	Leveraging Digital Technology in Agriculture Sector : A Study of Thar Desert of Western Rajasthan	Dr. Jaya Kritika Ojha
Prerna Dutta	Exploring the Impact of Digital Payment Adoption: An Analysis of Madhubani Artisans and Customers at Dilli Haat, a Handicrafts Market in India	Dr. Jaya Kritika Ojha
Prithvi Raj	Exploring impact of Digital India initiative on University students : A study of Central University of Rajasthan	Dr. Jugal Kishor
Sarath M T	GenAI Exploration: A study of Usage Patterns and Implications at Central University of Rajasthan (CURAJ)	Dr. Kumar Sambhav Pareek
Vimal PV	Exploring the Influence of Digital Media on Rural Development: A Focus on Business and Agricultural Advancement	Dr. Wairokpam Premi Devi
Yamini Parashar	Digital Democracy: Demystifying the potential of Online Voting in India	Dr. Kumar Sambhav Pareek
Ashutosh	Analyzing the Role of Educations Apps in Improving the Academic Performance among	Dr. Wairokpam Premi Devi





	Students	
Priyanka Rajpurohit	Impact of Social Media Influencers on Consumer Buying Decisions	Dr. Jugal Kishor

#### Department of Sports Biochemistry

Candidate Name	Title of the Dissertation	Supervisor Name
Shashank CR	Impact of Increased Daily Energy Expenditure Through Aerobic Activity on HDL-C-Concentration on University Level Recreational Athletes and Physically inactive individuals	Dr. Hemanth Naick B
Khushi Sharma	Effect of submaximal exercise on oxidative Stress biomarker in the blood serum of university level athletes	Dr. Hemanth Naick B
Shivani Singh	Analysis of Total Antioxidant Capacity of Functional Beverages and its Health Implications	Dr. Hemanth Naick B

#### Department of Sports Biomechanics

Candidate Name	Title of the Dissertation	Supervisor Name
Ashfaq Ahamed P	Dynamic Balance Assessment in Recreational Football Players: A Comparative Study on Effect of Dominate and Non- Dominate Foot in Balance Test	Dr. AVR Krishna Rao
Green Choudhary	Enhanced Gait Analysis with Smart Shoe Technology	Dr. AVR Krishna Rao
Tim S Babu	The Relationship Between Foot Anthropometry with Countermovement Jump and Squat Jump Performance among Male University Level Athletes	Dr. AVR Krishna Rao

#### Department of Sports Nutrition

Candidate	Title of the Dissertation	Supervisor
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Name		Name
Aghil Nazim A	Egg Shell Water Enhanced Beverage for Nutritional Supplement in Sports	Dr. Shailendra Pratap Singh
Aleena Pouly P N	Nutrition Knowledge and Attitude Level of Karate and Kalaripayattu Players	Dr. Sunil G Purohit
Anjali R Menon	The Comparative Study of Anthropometric and Physiological Differences between Vegetarian and Non-Vegetarian Football Players	Dr. Sunil G Purohit
Boda Damodar	Development and Evaluation of Energy –Induced Wheatgrass Laddoos	Dr. Shailendra Pratap Singh
Fathima S M	Investigate the Impact of Environmental Temperatures on the Nutrition Requirements and Hydration of Athletes	Dr. Neha Singh
Madhu Sinha	Effect of Lutein and Zeaxanthin Supplement on Exercise Performance in Female cyclist	Dr. Hemanth Naick B
Naveen Saji	Impact of Hydration Status and Fluid Balance on Basketball Players	Dr. Shailendra Pratap Singh
Nevin Jojo	Impact of Isotonic Solution in Hydration and Skills Development among male football players	Dr. Sunil G Purohit
Pankaj Kumar	Analytical Research on Vitamin C Degradation in Different Variety of Juices due to effect of temperature. Tests Per Sample: Vitamin C, PH, Acidity, TSS	Dr. Neha Singh
Shreya Tiwari	Role of the Nutrition Program (NEP) in the Knowledge and Health of the Athlete	Dr. Neha Singh
Vishal Verma	Development of Carbohydrates Protein sports Gel to optimize the muscle glycogen resynthesis	Dr. Shailendra Pratap Singh
Adeeb Ahammad Kp	Nutritional Strategies and the Challenges Faced by Athletes in Managing Weight in Combat Sports	Dr. Neha Singh
Kajal Kumari	Effect of Macronutrient Timing on Athletic Performance	Dr. Neha Singh





## Department of Sports Physiology

Candidate Name	Title of the Dissertation	Supervisor Name
Ajaay Srinivaas R	Effect of Cognitive Fatigue on Athletic Performance – A comparative Study	Dr. Sunil G Purohit
Dipti Raghav	Detailed Assessment of Body Composition and Somatotype Variation in Young Athletes Across Multiple Sports	Dr. Shailendra Pratap Singh

## Department of Sports Psychology

Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Saikia	Commuting Green, Riding For Well-Being: Analysis Of Environmental Identity And Well-Being On Commuting	Dr. Guneet Inder Jit Kaur
Ameena Shahin	Self- Compassion And Social Physique Anxiety: A Comparative Study Between Swimmers And Gymnasts.	Dr. Guneet Inder Jit Kaur
Ancy S Raju	Effect Of Athlete Identity On Cardiac Anxiety Among Retired Athletes	Dr. Guneet Inder Jit Kaur
Febin V P	The Relationship Between Perfectionism And Burnout Among Karate Players	Dr. Guneet Inder Jit Kaur
Malayika Gupta	Tracking Tranquility: The Psychology Behind Iot In Sports: A Scoping Review	Dr. Guneet Inder Jit Kaur
Mikhdad.O	Blocking Out The Noise: Narcissism And Resilience In Volleyball Playing Position	Dr. Guneet Inder Jit Kaur
Nafih P K	From Pixel To Progress: The Impact Of Cognitive And Spatial Intelligence Skill Transfer From Efootball To Football Among Football Players: A Qualitative Study	Dr. Guneet Inder Jit Kaur
Ramshida Pv	Effectiveness Of Imagery Intervention On Self Confidence And Coping Skills Among Judo Athletes	Dr. Guneet Inder Jit Kaur





Reethika Yadav	Sports Emotional Intelligence And Sports Mental Toughness Among Young Cricket Players	Dr. Guneet Inder Jit Kaur
Ridhin N K	Perception Of Pain And Self-Control In Martial Arts: A Comparative Study Of Kalaripayattu, Karate And Taekwondo Artists	Dr. Guneet Inder Jit Kaur
Safa Ptp	Mental Toughness And Grit: A Comparative Study Of Combat Male And Female Athletes	Dr. Guneet Inder Jit Kaur
Shilipi Tripathi	Self-Esteem, Empathy And Hope: A Comparative Study Of Athletes And Non-Athletes	Dr. Guneet Inder Jit Kaur
Sneha Pushpan P	Relationship Between Body Image And Self Esteem Among Gymnasts	Dr. Guneet Inder Jit Kaur
Suhana Ummu Kuldhru E	Mindfulness And Self-Efficacy In Badminton Athletes: Analysing The Impact Of Gender And Athletic Level	Dr. Guneet Inder Jit Kaur
Thanusha P	Sport Confidence And Sport Anxiety: A Comparative Study Among Athletes And Para-Athletes	Dr. Guneet Inder Jit Kaur
Vaidehi Gupta	Passion, Goal Orientation And Aggression Among Female Combat Sport Athletes: A Comparative Study On Boxing And Wushu Athletes	Dr. Guneet Inder Jit Kaur

#### Department of Statistics

Candidate Name	Title of the Dissertation	Supervisor Name
<b>M.Sc. Dissertation (2022 Batch)</b>		
Aditi Chouhan	Statistical Analysis Of Electoral Bond Data	Prof. Jitendra Kumar
Aman Bashir Sheikh	Missing Value Imputation For Multivariate Data Using Data Depth	Dr. Mahesh Barale
Govind Shrinivas Satkur	Robust Hotelling's $T^2$ Control Chart Based On Depth-Weighted Estimators	Dr. Mahesh Barale





Harish Kumar	Parameter Estimation Using Bayesian Techniques For Inar(1) Model With Censored Observations:A Case Of Generalized Poisson	Dr. Saurabh Kumar
Harsh Maharia	Bayesian Estimation Of Software Reliability Growth Models	Prof. Arvind Pandey
Khushi Laxmikant Khadloya	Missing Value Imputation In Functional Data Using Functional Depth	Dr. Mahesh Barale
Rahul	Improving Ratio And Product Type Estimators For Estimating Population Mean Using Two Phase Sampling For Time Based Syrvey	Dr. Sanjay Kumar
Sagi Deekshitha	Multi-Modal Transportation Optimization In Supply Chain Management Using Two-Echelon Genetic Algorithm	Dr. K. Satishkumar
Saikat Pal	Bivariate Composite Model Constructed Via Joe Copula For Modeling Claim Costs	Dr. Deepesh Bhati
Sidharth Gupta	Regression Modelling Of Insurance Data Using Composite Weibull-Wtp Model	Dr. Deepesh Bhati
Sitaram Choudhary	Panel Data Approaches To Analyzing Disease Mortality In Asia: The Impact Of Healthcare And Economic Factors	Dr. Saurabh Kumar
Sunil	Chain Ratio-And Product-Type Estimators For Estimating Population Mean Using Auxiliary Information For Time-Based Survey	Dr. Sanjay Kumar
Vivek Oraon	Statistical Evidence Of The Associated Factors And Its Impact On Suicide In India	Dr. K. Satishkumar
Vivek Sharma	Gjr-Garch Modelling Of Cryptocurrencies Using Different Innovation Distributions	Prof. Jitendra Kumar
Munesh Kumar	Analyzing Chi-Square Service Times Queueing Model: A Comparative Study Single Server	Dr. K. Satishkumar





	Queuing Model	
Shubhankar Swain	Weibull Gamma Frailty Distribution: Statistical Properties	Prof. Arvind Pandey
Manjunath Bhimashankar Helkar	Optimization of Service facility in Queuing Network Models	Dr. K. SatishKumar
<b>Integrated M.Sc. Dissertation (2019 Batch)</b>		
Abhishth Jangir	Novel Dependence Collective Models Based On The Generalised Poisson Inverse Gaussian (Gpig) Family With Insights And Applications In Insurance.	Dr. Deepesh Bhati
Chakkula Sai Kiran	A Time Series Analysis Of Digital Payment Methods In India's Sustainable Green Banking	Dr. Saurabh Kumar
Dashrath Prajapat	V-Dewma Control Chart For Maxwell Distribution With Application To The Boring Process	Dr. Mahesh Barale
Govind Prasad Jangir	Modelling Of Patent Data	Prof. Jitendra Kumar
Kironmoyi V Bharatala	Software Reliability Growth Models	Prof. Arvind Pandey
Manisha Choudhary	A New U-Statistics Based Goodness -Of -Fit Test For Pareteo Distribution	Dr. Deepesh Bhati
Naveen Kumar	Time Series Analysis Of Agricultural Trade With Border-Sharing Countries Of India	Dr. Saurabh Kumar
Neelesh Kumar	The Sprrt Control Charts For The Rayleigh Distribution	Dr. Mahesh Barale
Rajesh Poonia	Evaluating Machine Learning Model For Binary Classification Of Eye Movement Patterns	Prof. Arvind Pandey





Riddhi Prada	Improving Efficiencies Of Two-Parameter Ratio-Product-Ratio Estimator For Estimating Population Mean For Time-Based Survey.	Dr. Sanjay Kumar
Shweta Yadav	Handling Imbalanced Data : A Radius Based Approach	Dr. Mahesh Barale
Sudhanshu Dwivedi	Garch Modelling Of Cryptocurrencies Using Skewed Innovation Distributions	Prof. Jitendra Kumar
Veeravenkata Lakshmikanth Swaraj	A Comparative Time Series Analysis For Prominent E-Commerce Companies: Amazon, Walmart, Shopify And Reliance	Dr. Saurabh Kumar

### Department of Yoga

Candidate Name	Title of the Dissertation	Supervisor Name
Deepak Kumar	Investigating the impact of yoga on anxiety among rural school children with bullying experience: A randomised controlled trial	Dr. Kasinath G Metri
Kamakhya Narayan	A Cross-Sectional Analysis of Respiratory Symptoms and Biomass Exposure Index Among Rural Women Using Biomass Fuel	Prof. Sanjib K Patra
Manish Kumar Bajiya	Efficacy of yoga on depression among victims of school bullying in rural school of Ajmer district: A Randomized Control Trial	Dr. Kasinath G Metri
Moumita Malash	Trataka Meditation: Unveiling Emotional Regulation in Men - A Pilot Study	Prof. Sanjib K Patra
Mridul Pathak	comparison of cognitive function among recreational athlete, yoga and sedentary individual in university students	Dr. Kasinath G Metri
Narwade Prathamesh Piraji	Development and validation of Voluntarily regulated breathing techniques	Prof. Sanjib K Patra
Nikita	Efficacy of a validated yoga module on menstrual symptoms, dysmenorrhea severity and quality of	Prof. Sanjib K





	life among university students with primary dysmenorrhea: A Randomized control trial	Patra
Rajnish Kumar	Investigating the effect of Yoga on Memory among victims of school bullying: A Randomized Control Trial	Dr. Kasinath G Metri
Rishi Kumar	Prevalence of Bullying in Three Rural School of Ajmer District - A Survey Study	Dr. Kasinath G Metri
Sachin Bhardwaj	comparison of body composition among yoga practitioner, recreational athletes, and sedentary individuals in university students: A cross-sectional study	Dr. Kasinath G Metri
Shaitan Choudhary	Assessing the lungs age in rural women exposed to biomass smoke - A cross-sectional study	Prof. Sanjib K Patra
Shivangi Dadhich	Development and validation of Yoga module for improving menstrual symptoms, mental health and quality of life in Primary dysmenorrhea	Prof. Sanjib K Patra
Shouvanik Sadhukhan	Investigating the impact of Yoga on Attention and Inhibition among Bullying Victims Children - A Randomised Controlled Trial	Dr. Kasinath G Metri
Varun Patel	Establishing Physiological Mechanism of Vaman Dhauti	Prof. Sanjib K Patra
Amresh Mahato	comparison of heart rate variability among yoga practitioner, recreational athletes, and sedentary individuals in university students: A cross-sectional study	Dr. Kasinath G Metri
Ragini	Effect of Pranayama on Pulmonary Function in Rural Women Exposed to Biomass Smoke	Prof. Sanjib K Patra
Ayushi Arya	Assessing the Impact of Pranayama on Mental Health in Biomass Smoke-Exposed Women.	Prof. Sanjib K Patra
Amit Sanodiya	comparison of sleep and self-esteem among yoga practitioner, recreational athletes, and sedentary individuals in university students: A cross-sectional study	Dr. Kasinath G Metri





Bhavesb	Effect of om listening meditation on stress, mindfulness and awareness among school children	Prof. Sanjib K Patra
Yogendar Morya	Effect of yoga and om listening on stress and mindfulness among university students; A R	Prof. Sanjib K Patra
Bhavna Ahirwar	comparison of emotional state among yoga practitioner, recreational athletes, and sedentary individuals in university students: A cross-sectional study	Dr. Kasinath G Metri
Nikhil Sharma	Investigating Biomass Smoke Impact on Rural Women's Lung Function: A Cross-Sectional Study	Prof. Sanjib K Patra
Pooja Rathore	Prevalence of Primary dysmenorrhea and its Association with Different Lifestyle Practices Among Adolescents Girls in Northern State of India: A Cross-Sectional Survey	Prof. Sanjib K Patra





# Students' Placements and Achievements

## DEPARTMENT OF B.TECH CS

Name of Student	Company /Organization Name/ Achievement
Chetan Meena	Appcino a Xebia Company
Ishan Kathpal	Appcino a Xebia Company
Jagdish Patel	Hidden Talent
Sardar Sain	SurgePad
Rahul Pandey	Vikalpa Foundation

## DEPARTMENT OF BIOCHEMISTRY

Name of Student	Company /Organization Name/ Achievement
Raj Ranjan	Muskurahat Foundation
Santanu Gogoi	Hamari Pahchan NGO

## DEPARTMENT OF CHEMISTRY

Name of Student	Company /Organization Name/ Achievement
Vikram Pratap Singh	Vikalpa Foundation
Rajat Kumar	Vikalpa Foundation
PRAVEEN	Tare Zameen Foundation
KALAMATI NAGESH	Azim Premji Foundation
Mahipal Bishnoi	Azim Premji Foundation
Anisha	Azim Premji Foundation
Anisha Satapathy	Azim Premji Foundation
Tanya Kori	Azim Premji Foundation

## DEPARTMENT OF COMMERCE

Name of Student	Company /Organization Name/ Achievement
Kritarth Kumar Gupta	Insplore Consultant Pvt. Ltd.(internship + PPO)
Mitali Singh	Insplore Consultant Pvt. Ltd.(internship + PPO)
Muhammed Asif P.C.	Insplore Consultant Pvt. Ltd.(internship + PPO)
Shreya Sakshi	Insplore Consultant Pvt. Ltd.(internship + PPO)
Arti Pushkar	The Leading Solutions(internship + PPO)
Vandana	The Leading Solutions(internship + PPO)
Nabhan T. P.	The Leading Solutions(internship + PPO)
Baleboina Vengababu	Epic Businesses



**DEPARTMENT OF COMPUTER SCIENCE**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Kunal Jangid	Muskurahat Foundation
Sonali Palai	BZ Consultant
Palak Yadav	InAmigos Foundation

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Dhanraj Choudhary	Santosh Pargal & Co.

**DEPARTMENT OF DSTI**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Kuber Das	Vikalpa Foundation
Saurav Kumar	Support And Care Humanity Foundation

**DEPARTMENT OF ECONOMICS**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Yash Meena	Paperpedia
Ketki Dhote	Paperpedia
Himanshu Kaushik	Epic Businesses
Nehal Jain	Azim Premji Foundation
Rahul Kumar Dhakad	Muskurahat Foundation

**DEPARTMENT OF ENGLISH**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Rose Mary Shaji	Azim Premji Foundation

**DEPARTMENT OF ENVIRONMENTAL SCIENCE**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Khawaja	Vikalpa Foundation

**DEPARTMENT OF LINGUISTICS**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Nishtha Shekhar	SARAL BHARAT NEWS



**DEPARTMENT OF MANAGEMENT**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Radhika Yadav	Insplore Consultant Pvt. Ltd.(internship + PPO)
Rakesh Kumar	Insplore Consultant Pvt. Ltd.(internship + PPO)
Vikash Kumar	Insplore Consultant Pvt. Ltd.(internship + PPO)
Vikas Dhankar	Insplore Consultant Pvt. Ltd.(internship + PPO)
Vivek Singh Rawat	Insplore Consultant Pvt. Ltd.(internship + PPO)
Sanjay Kumar Mahato	Insplore Consultant Pvt. Ltd.(internship + PPO)
Dipanshu Bhati	The Leading Solutions(internship + PPO)
Bhanupriya Goyal	The Leading Solutions(internship + PPO)
Wilson Deogam	The Leading Solutions(internship + PPO)
Anamika Kumari	The Leading Solutions(internship + PPO)
Nitin Yadav	The Leading Solutions(internship + PPO)
Vikas Soni	The Leading Solutions(internship + PPO)
Rajnish Ranjan	The Leading Solutions(internship + PPO)
Adarsh Kumar	The Leading Solutions(internship + PPO)
Sunayana Shakya	The Leading Solutions(internship + PPO)
Prakash Kumar	The Leading Solutions(internship + PPO)
Priya Mahato	The Leading Solutions(internship + PPO)
Shubham	The Leading Solutions(internship + PPO)
Prakash Kumar	IndiaMART
Dipanshu Bhati	IndiaMART

**DEPARTMENT OF MATHEMATICS**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Raja Keshri	Vikalpa Foundation
Nisha Kachhawa	Vikalpa Foundation
Pareek Hitesh Murarilal	Vikalpa Foundation
Divyanshi Garg	Vikalpa Foundation
Adarsh	Vikalpa Foundation
Abhijeet joshi	Azim Premji Foundation
JAGRATI MEHRA	Azim Premji Foundation
Kishor Kumar	Azim Premji Foundation
Manish Kumar	Azim Premji Foundation
Rahul Kumar	Azim Premji Foundation
Pradeep Ranwa	Muskurahat Foundation
Pradeep Ranwa	Odisha Development Management Programme (ODMP)



**DEPARTMENT OF MICROBIOLOGY**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Sahil Yadav	Support And Care Humanity Foundation
Shubham Saraswat	Muskurahat Foundation

**DEPARTMENT OF PHYSICS**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Vinay Kumar Tiwari	Vikalpa Foundation
Pradeep Mehariya	Vikalpa Foundation
Surendra Mehriya	Vikalpa Foundation
Rakesh Yadav	Vikalpa Foundation
Rakesh Yadav	Azim Premji Foundation
Vinay Kumar Tiwari	Azim Premji Foundation
Yagya Dutt Jangir	Azim Premji Foundation
Samiksha Mehta	Suvidha Foundation

**DEPARTMENT OF PHARMACY**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Kalpana Pandya	Vikalpa Foundation

**DEPARTMENT OF PUBLIC POLICY, LAW & GOVERNANCE**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Govind Roshan Lilhare	Vikalpa Foundation
Pallavi Devi	Vikalpa Foundation

**DEPARTMENT OF SOCIAL WORK**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Ankita Bhuparia	InAmigos Foundation
Ankita Bhuparia	Muskurahat Foundation

**DEPARTMENT OF STATISTICS**

<b>Name of Student</b>	<b>Company /Organization Name/ Achievement</b>
Ashish Rawat	Marpu Foundation
Dimple Bhardwaj	Muskurahat Foundation



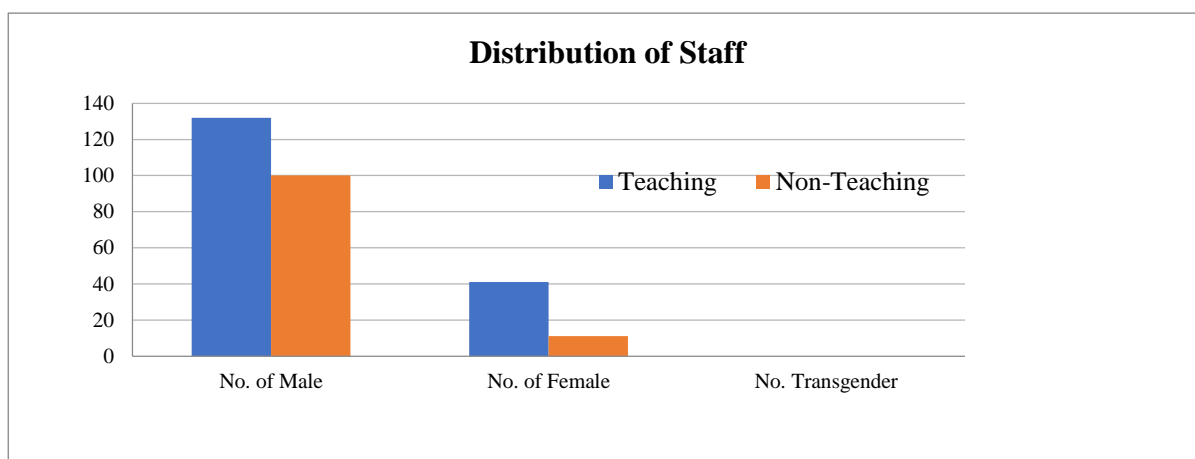
# Gender Audit (2023-24)

A report of the Gender Audit of the University conducted for the year 2023-24 is presented below:

It is classified based on staff (teaching and non-teaching), students, and infrastructural facilities.

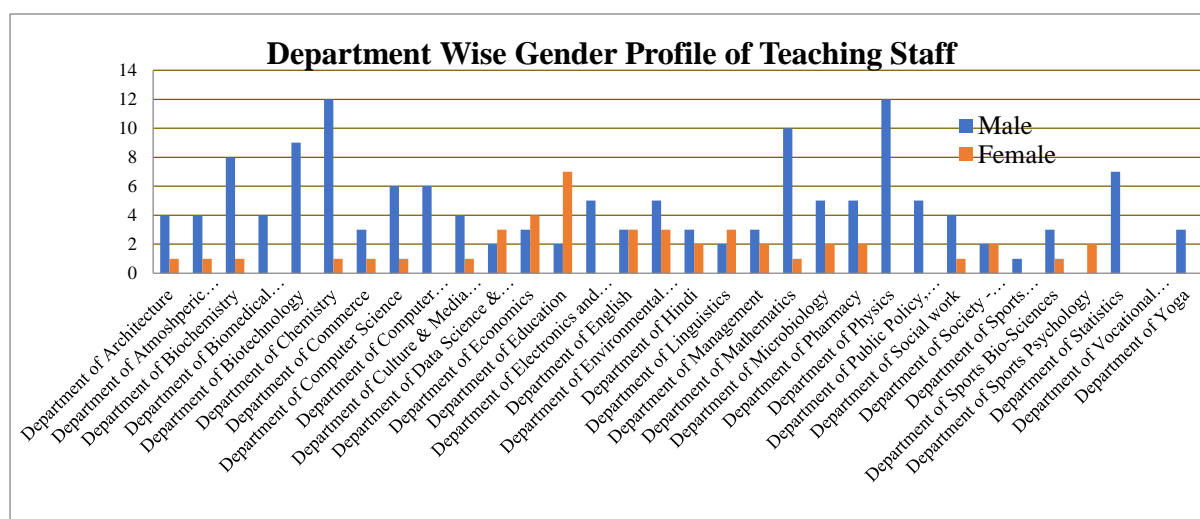
## PROFILE OF TEACHING & NON-TEACHING STAFF

### 1. Gender-wise distribution of staff



In comparison to teaching staff, female representation is less in administrative departments.

### 2. Department Wise Gender Profile of Teaching Staff



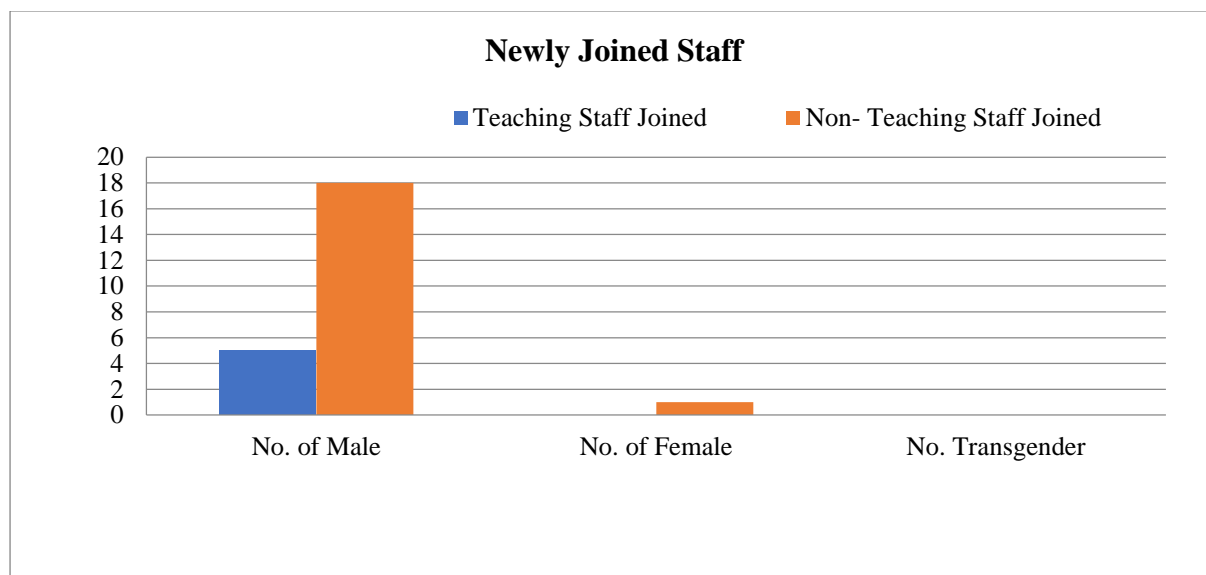
The male faculty outnumber females, in the overall representation. However, eight departments





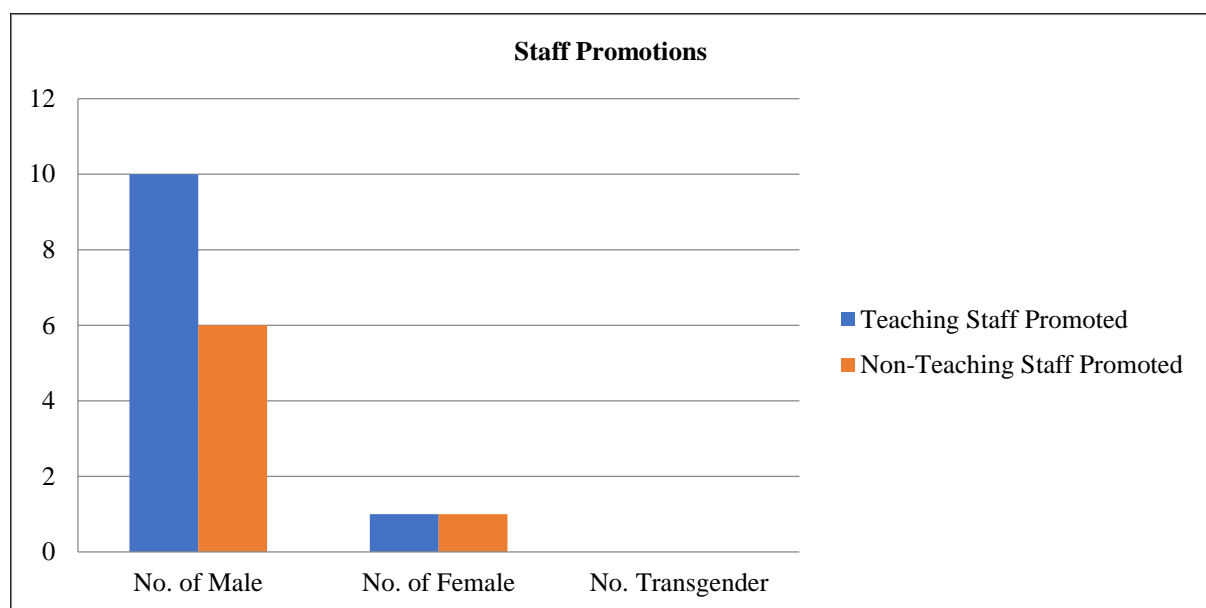
have only male faculty members and the Department of Sports Psychology has only female representation.

### A. Newly Joined Staff



The graph represents the newly joined teaching and non-teaching staff on regular mode in the university during 2023-24. More number of non-teaching male staff is recruited in this year.

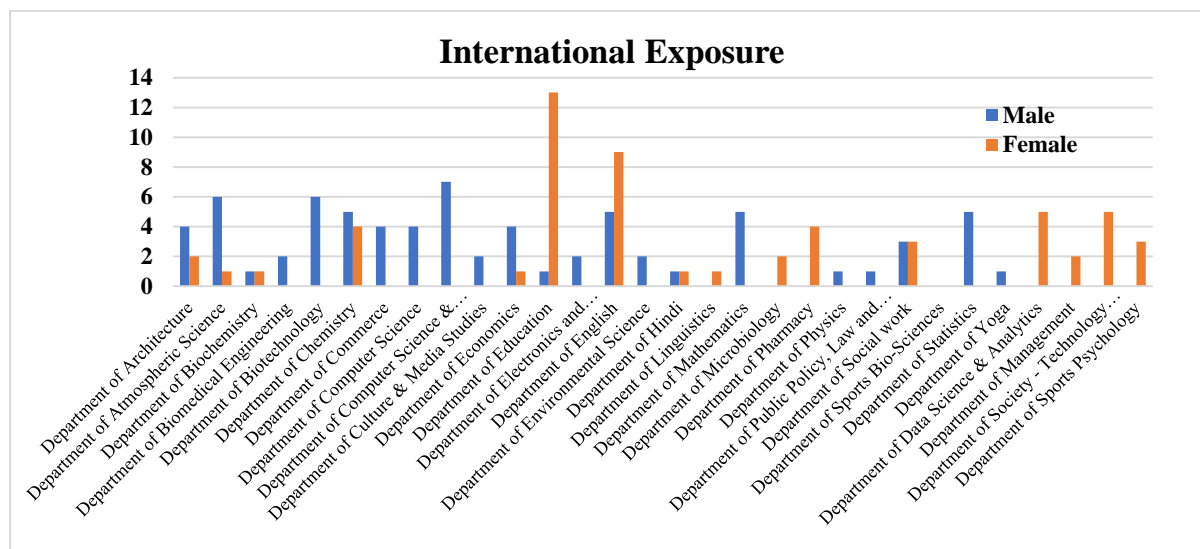
### B. Staff Promotions





More number of male teaching and non-teaching staff are promoted under career advancement schemes. An equal number of females in teaching and non-teaching staff received promotion. This is due to their lower representation in the overall staff.

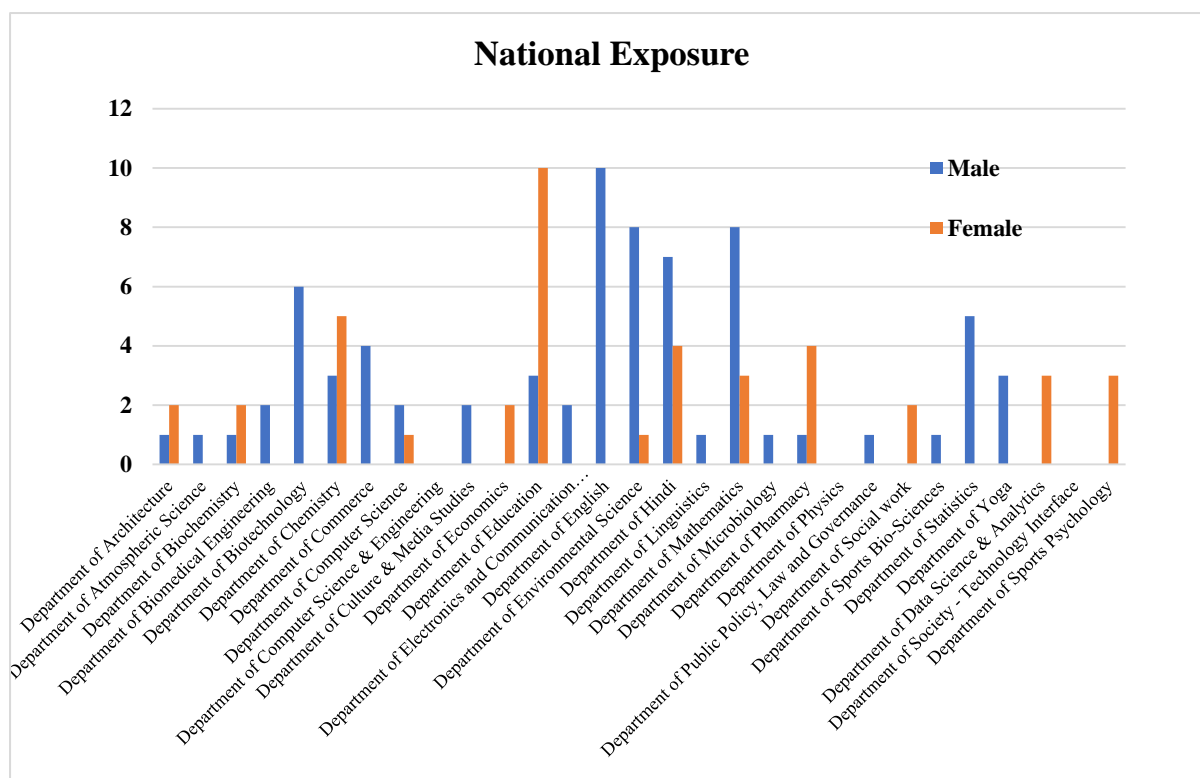
### 3. International Exposure of teaching staff at the department level



Female faculty outnumber male faculty in the eight departments, whereas, male faculty outnumber female faculty in the eleven departments in terms of the International Exposure in the year 2023-24. In the remaining departments (having both male and female faculty members) almost an equal participation of both genders is reflected.

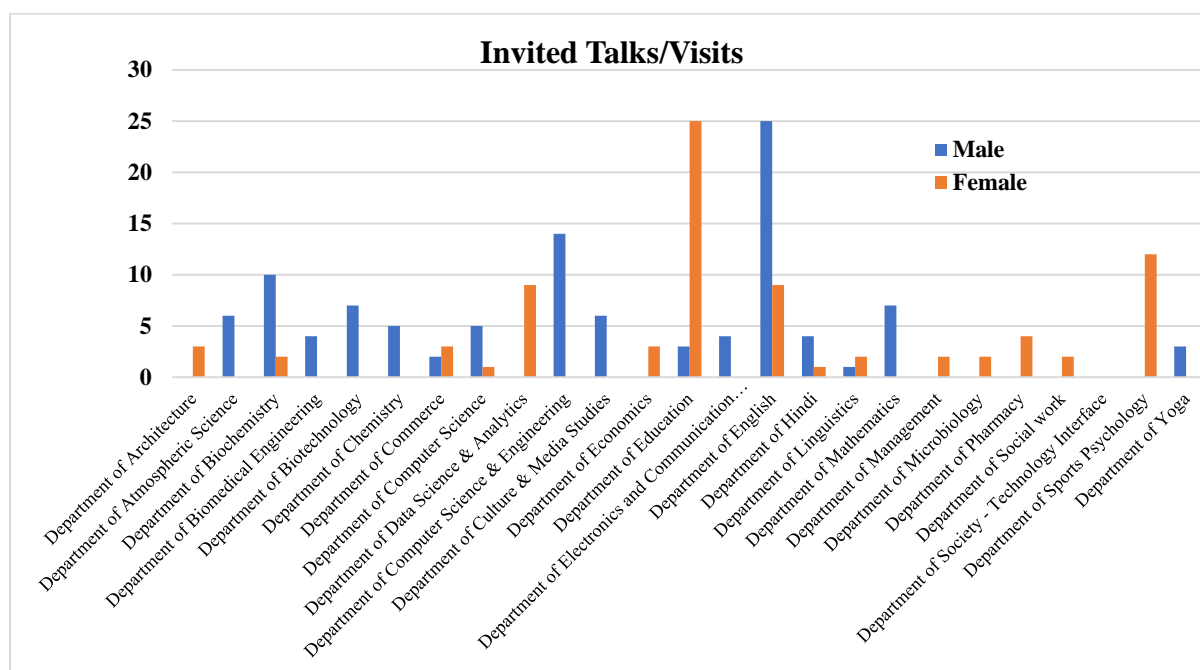
### 4. National Exposure of teaching staff at the department level





Both male and female staff participated well in national academic events in almost all departments in 2023-24. However, the departments that are not reflecting any data in National exposure, have participated in the International and other academic events.

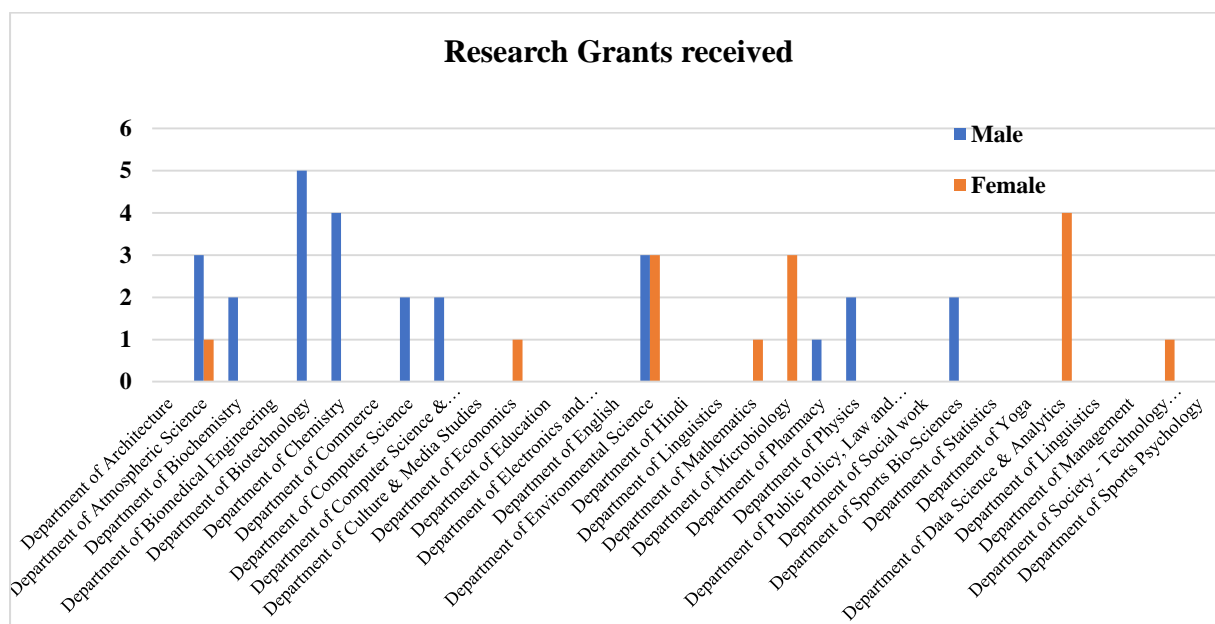
## 5. Invited Talks/Visits



The graph projects the active participation of both genders in terms of invited lectures or as resource persons in various academic events.

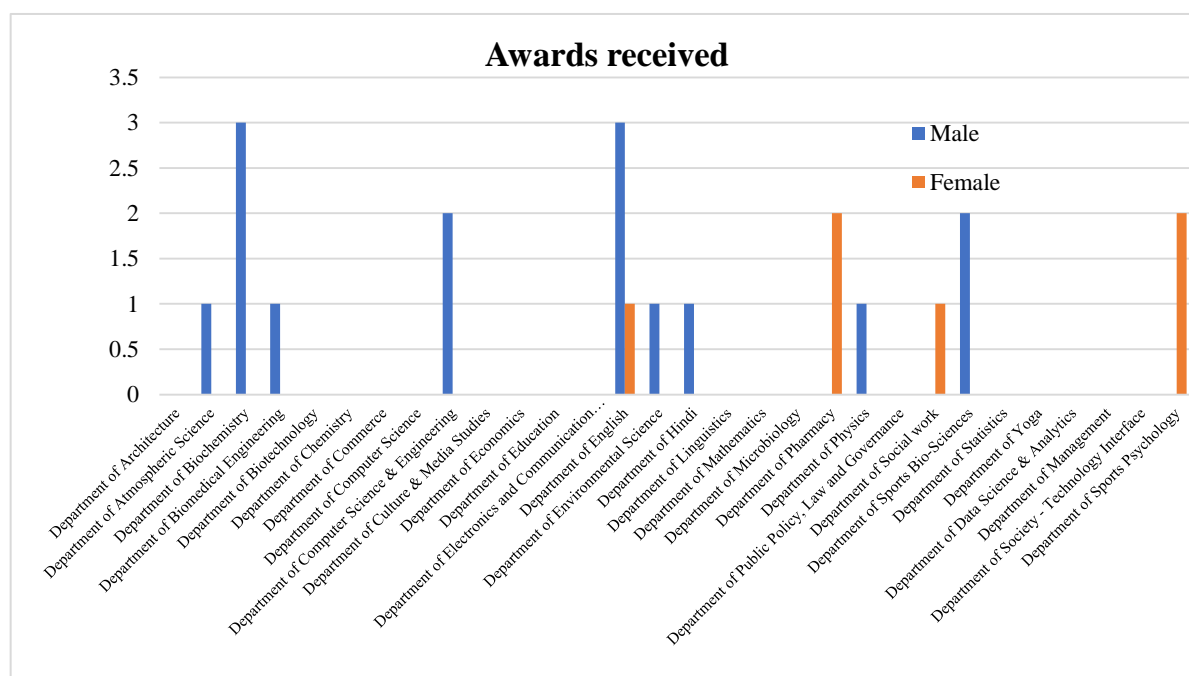


## 6. Research Grants received



The above graphs reflect that both male and female faculty members from the Department of Environmental Sciences and the Department of Architecture have received grants. However, in seven departments only female faculties and in eight departments only male faculties have received grants. There is still much need in many departments to work in this direction.

## 7. Awards received

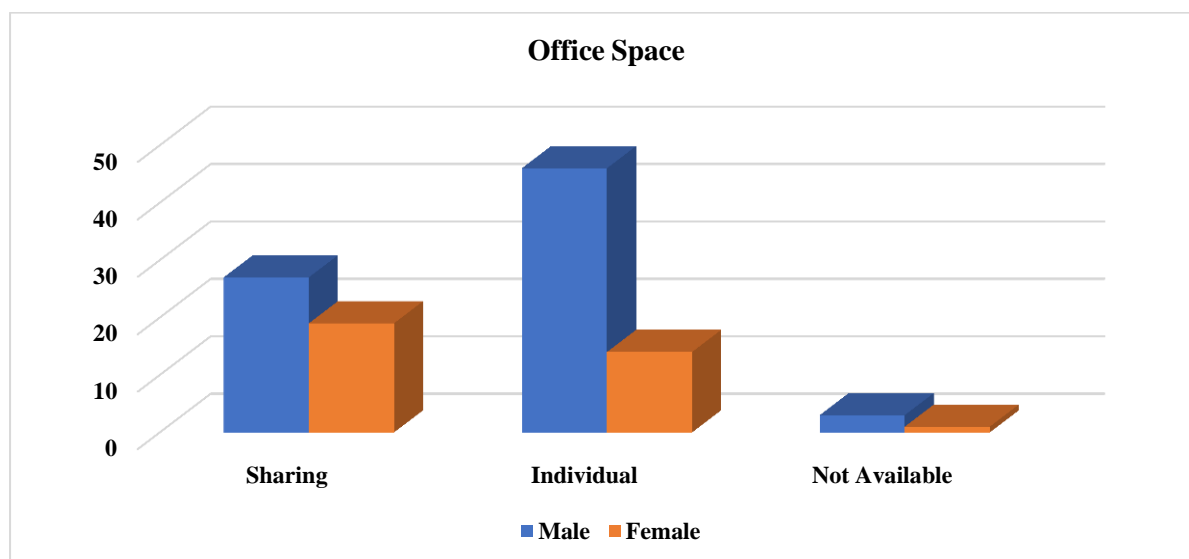


In 2023-24, more number of awards was received by the male faculty members. However, female faculty members are also making efforts to receive awards in various academic endeavors as reflected in the graph.



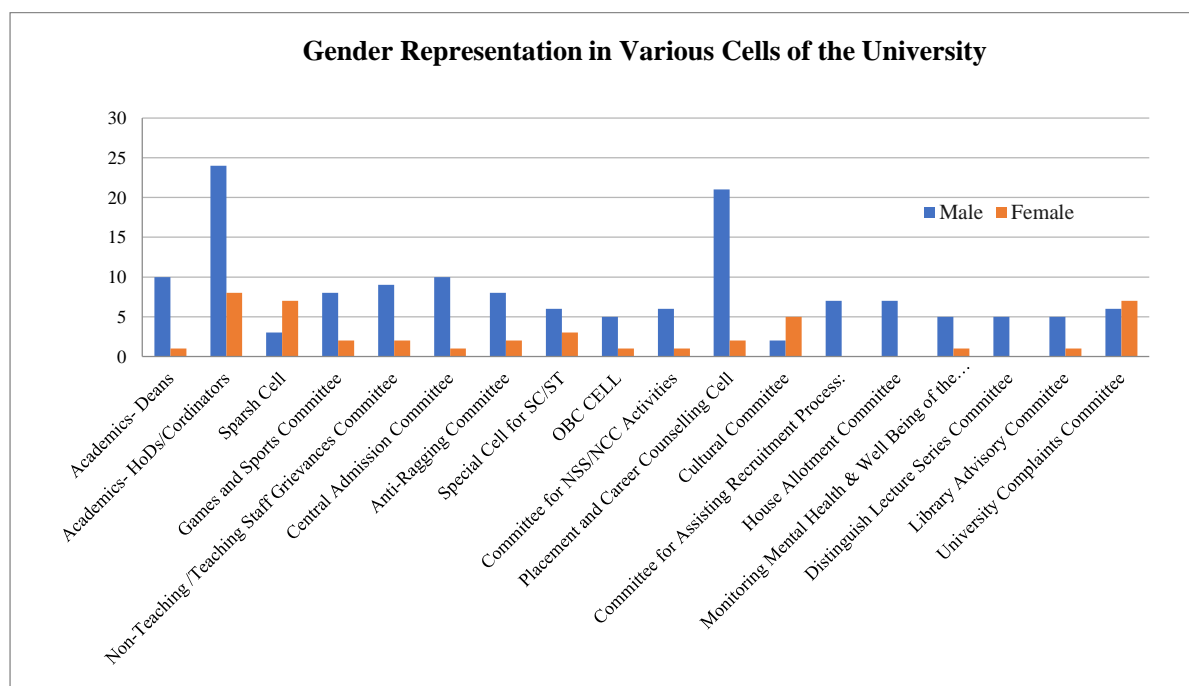


## 8. Availability of Office Space



Mostly the office space is utilized on an individual basis by the faculties in various departments. However, the number of female faculties working from shared office space is more as compared to female faculties having individual space.

## 9. Gender Representation in Various Cells of the University



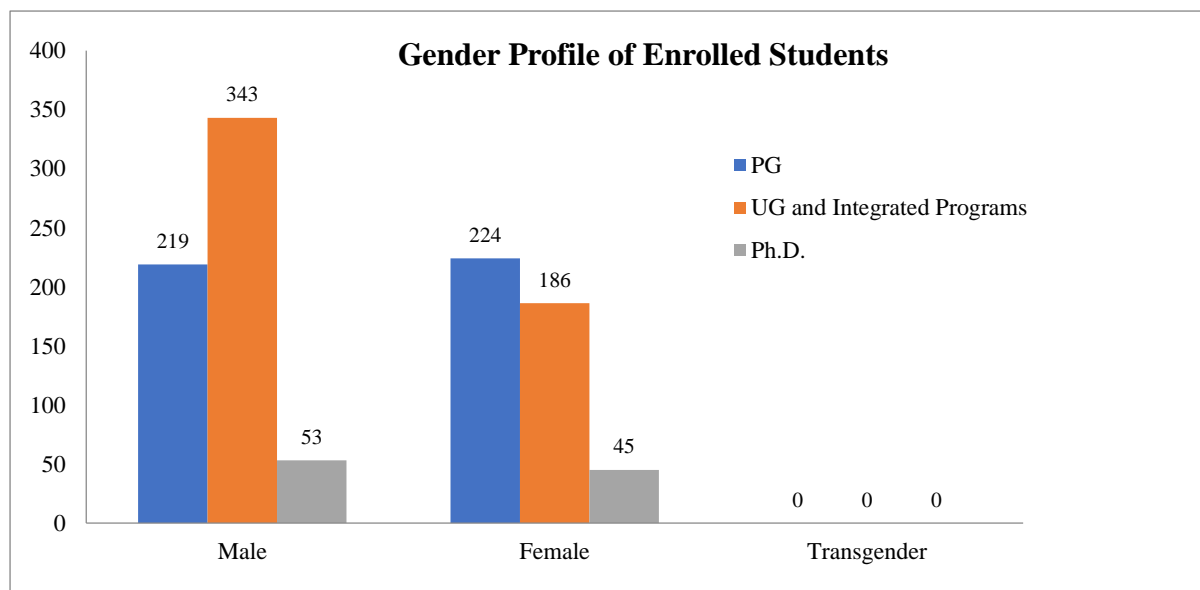




Gender representation of male and female faculty members in various cells of the university is fairly well except in a few committees and senior administrative positions like Deans and Heads of the department etc.

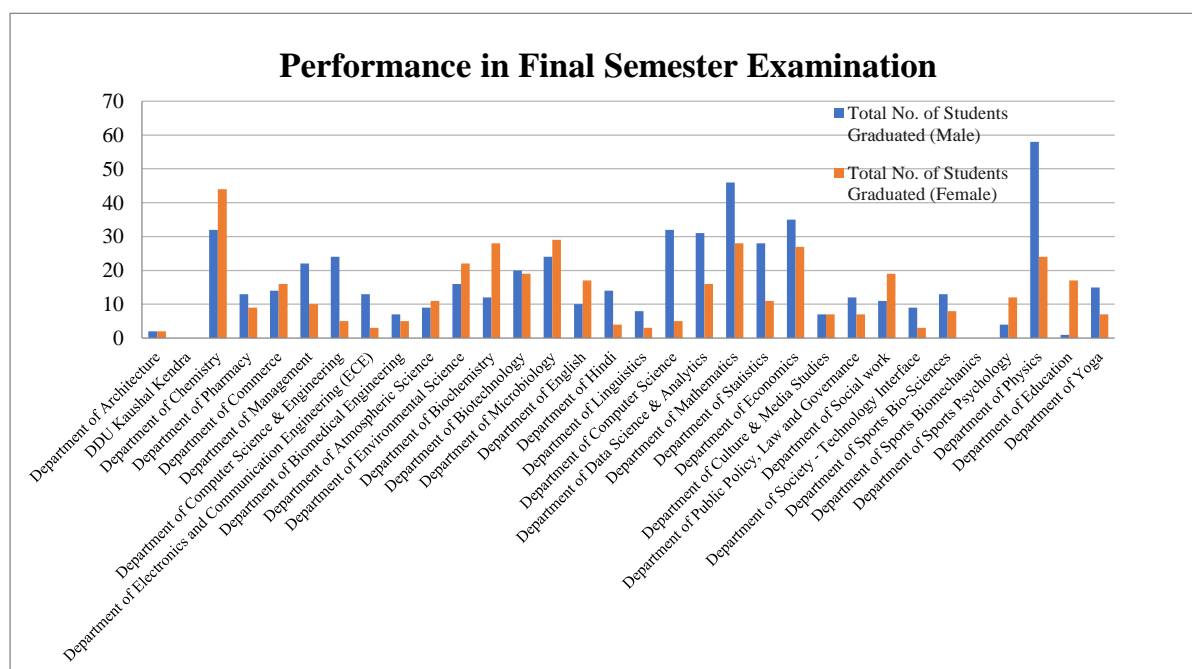
## STUDENTS' PROFILE

### 1. Gender Profile of Enrolled Students



The enrollment of students in various UG, PG and Ph.D. programs represents gender equality.

### 2. Performance in Final Semester Examination



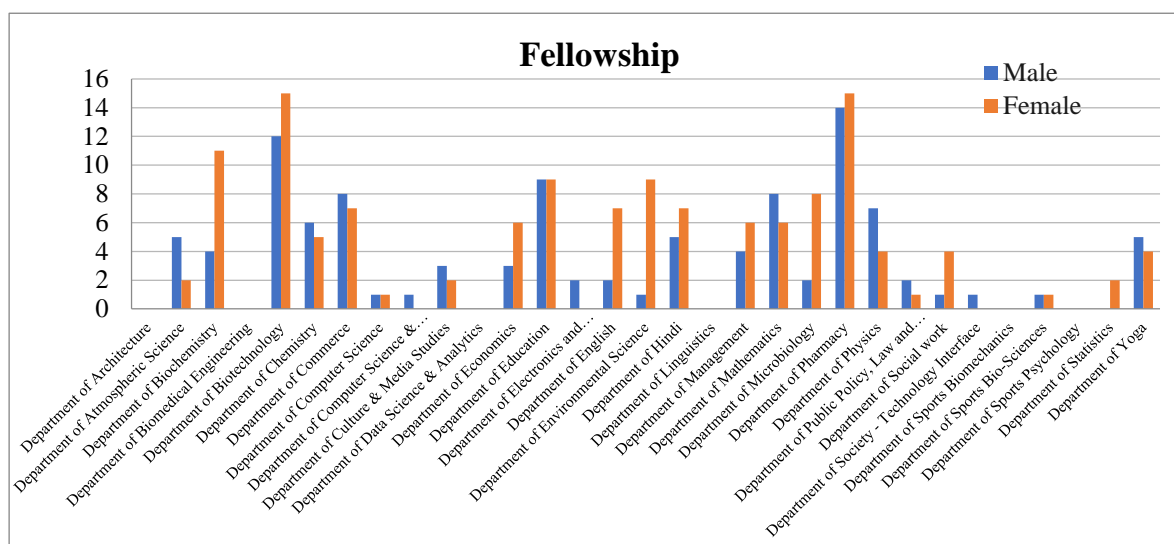




Departments of Physics, Mathematics, Computer Science and Engineering represent more number male graduates. Whereas, Department of Education and Biochemistry represent more female graduates as compared to males in 2023-24. In other department almost equal number of male and female students graduated in 2023-24.

### 3. Academic Achievements

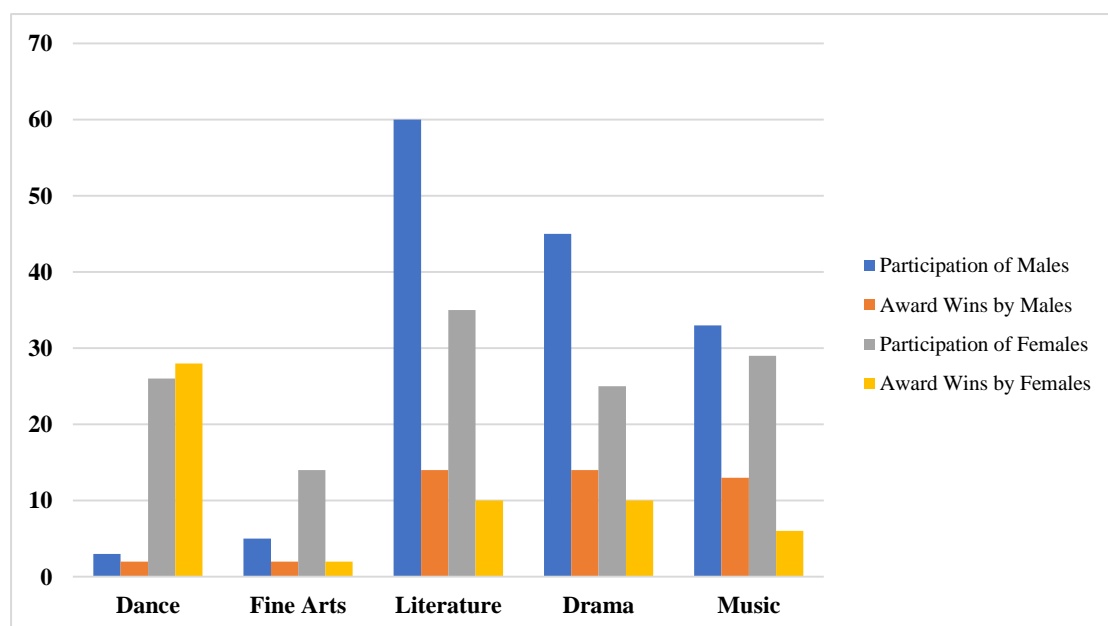
#### A. Fellowship



Both male and female students performed well in drawing fellowships from external agencies.

### 4. Achievement in Curricular & Extra-Curricular Activities

#### A. Cultural Participation

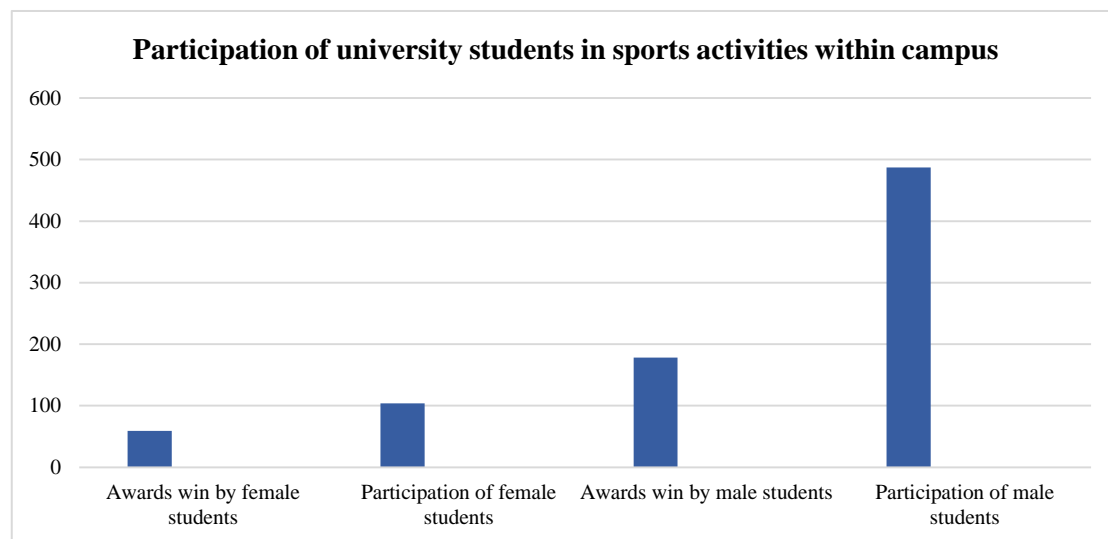






In cultural activities, both the genders participated actively. However, female students participation and receiving of awards is more in dance, literature, drama and music. In contrast male students received more awards in in the area of literature drama and music.

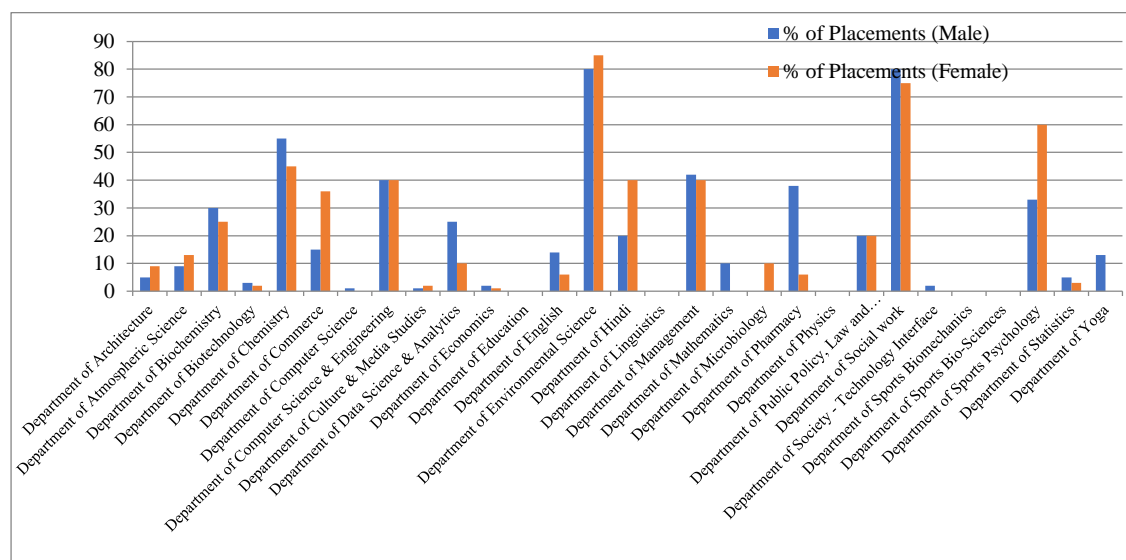
## B. Participation in Sports



Male students participated more than female students in sports activities. However, among participated students, more number of female students (50 percent) received awards as compared to male students (27 percent).

## 5. Student Progression

### A. Placements in PG

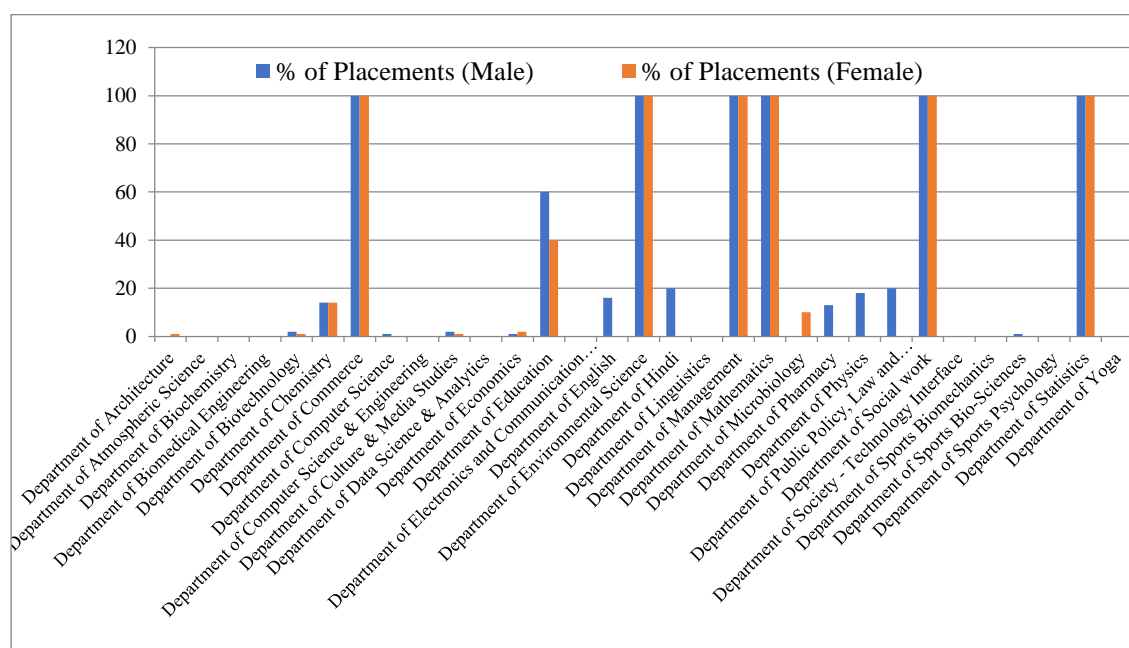


Both the male and female students are performing well in getting in and off-campus placements except in the newly established departments like Biomechanics, Sports Bio-Sciences, and Physics etc.





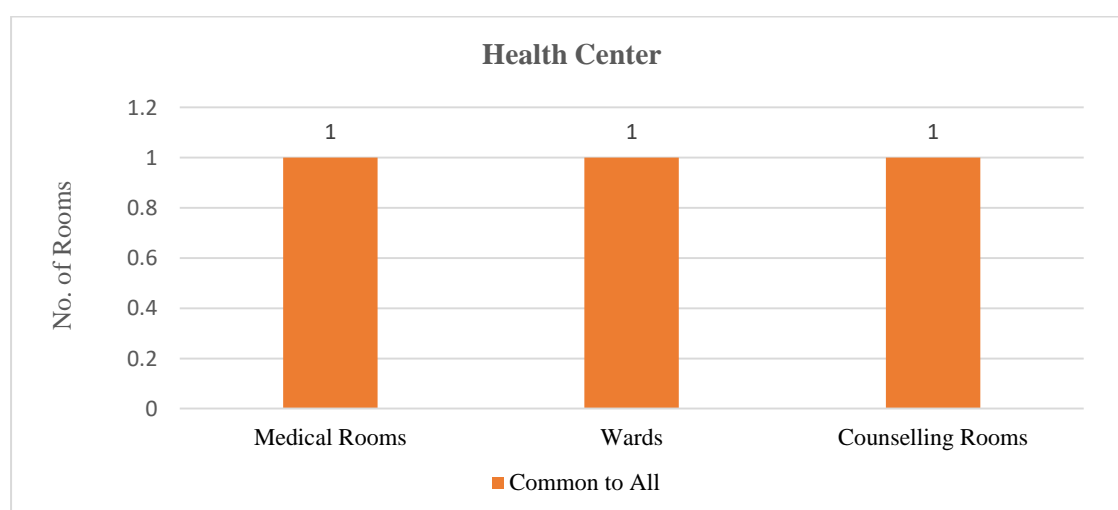
## B. Placements in Ph.D.



In 2023-24, fairly good number of students received placements after completing their Ph.D. Seven departments represent an equal number of placements among male and female students. The departments reflecting no placements have students pursuing Ph.D.

## OTHER FACILITIES

### 1. Health centre facility

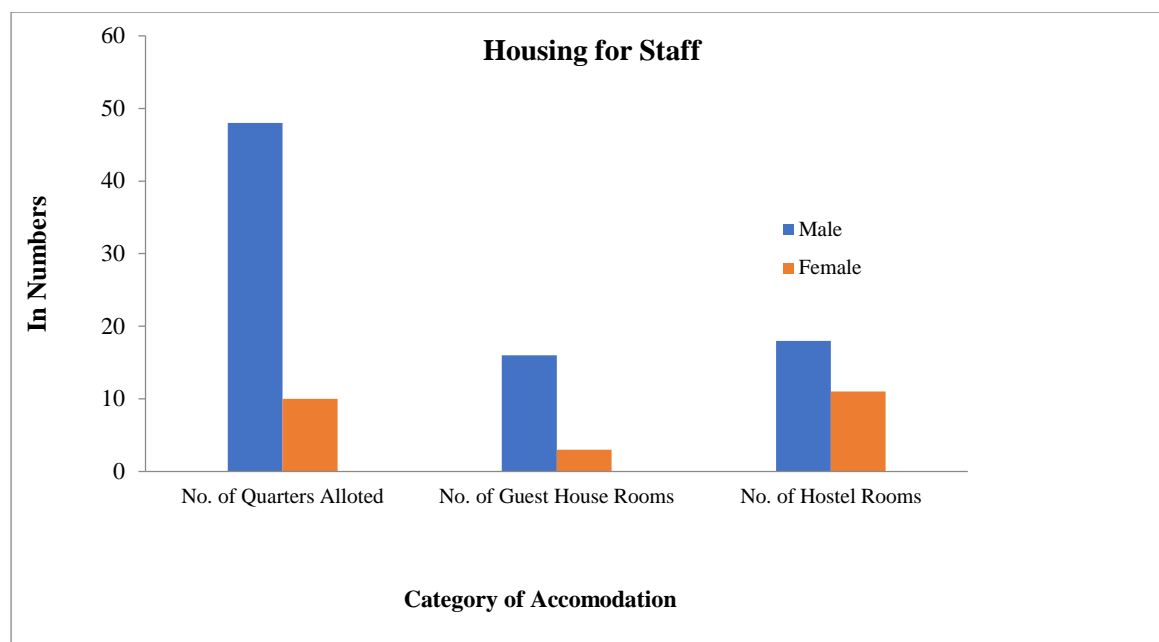


The graph highlights sufficient provision of the medical room, ward and counselling room in the university on shared basis.



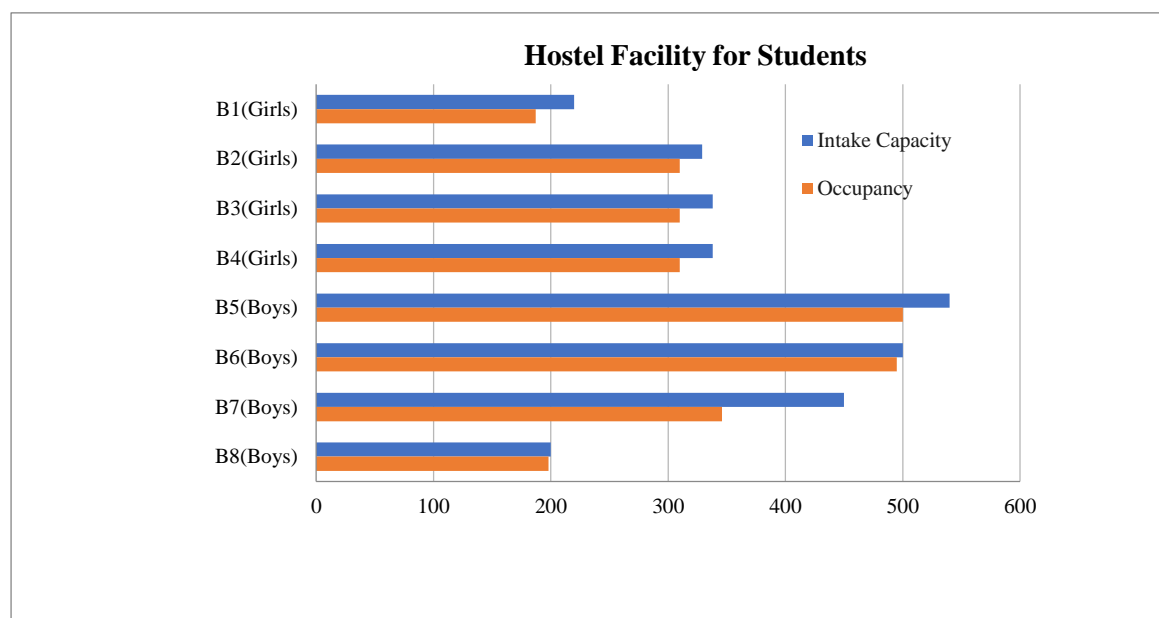


## 2. Housing for Staff



Maximum number of male teaching and non-teaching staff reside in university quarters followed by the guest house and university hostels, whereas, an equal number of female teaching and non-teaching staff reside in university quarters and hostels.

## 3. Hostel Facility for Students



Both girls and boys hostels are well furnished with sufficient space to accommodate the students. 9 percent of space was left to accommodate more students from both the gender.





# Authorities of the University

## Members: Executive Council

Amended Statute 11 of the Central Universities Act, 2009

(During the period from 01.07.2023 to 30.06.2024)

Statute	Name of the Member(s)
<b>Statute 11(1)(i):</b> Vice-chancellor ( <i>Ex-officio Chairman</i> )	Prof. Anand Bhalerao Vice Chancellor, and Chairman Executive Council Central University of Rajasthan (w.e.f. 24.01.2022)
<b>Statute 11(1)(ii):</b> Secretary, Dept. of Higher Education, MHRD, Govt of India, or his/her nominee	The Secretary, Department of Higher Education, Ministry of Human Resource Development, Govt. of India, Shastri Bhawan, New Delhi-110 001.
<b>Statute 11(1)(iii):</b> Chairman, UGC or his / her nominee	Prof. Rabi Narayan Kar, Principal, Shyam Lal College, G.T. Road, Shahdara Delhi (w.e.f. 10.06.2022)
<b>Statute 11(1)(iv):</b> Principal Secretary, Higher Education of the State Government or his/her nominee not below the rank of Secretary preferably dealing with matters relating to Higher Education	The Principal Secretary, Department of Higher Education, Govt. of Rajasthan, Main Building, Secretariat, Jaipur-302 005, Rajasthan
<b>Statute 11(1)(v):</b> Pro-Vice Chancellor; if any	(Vacant)
<b>Statute 11(1)(vi):</b> Four members from among Deans of Schools of Studies, by rotation according to seniority, to be appointed by the Vice-Chancellor	1. Prof. Uma Sankar Mishra Dean, School of Commerce & Management (w.e.f. 04.11.2022) 2. Prof. Sanjib Kumar Patra Dean, School of Education (w.e.f. 28.02.2023) 3. Prof. Chandi Charan Mandal Dean, School of Life Science (w.e.f. 27.10.2023) 4. Dr. Devesh Sharma Dean, School of Earth Sciences (w.e.f. 27.10.2023)  <u>Previous Members (during 01.07.2023 to</u>





Statute	Name of the Member(s)
	<p><b><u>30.06.2024):</u></b></p> <ol style="list-style-type: none"> <li>1. Prof. Rajesh Kumar Dean, School of Earth Science (from 04.11.2022 to 30.08.2023)</li> <li>2. Prof. Jagdish Ulhas Jadhav Dean, School of Social Sciences (from 31.05.2021 to 30.05.2024)</li> </ol>
<b>Statute 11(1)(vii):</b> One Professor who is not a Dean, by rotation according to seniority, to be appointed by the Vice-Chancellor	<p>Prof. Inshad Ali Khan Department of Microbiology (w.e.f. 07.11.2023)</p>
<b>Statute 11(1)(viii):</b> One Associate Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor	<p>(Vacant)</p> <p><b><u>Previous Members (during 01.07.2023 to 30.06.2024):</u></b></p> <ol style="list-style-type: none"> <li>1. Dr. Sanjay Arora, Department of English (from 12.09.2023 to 12.03.2024)</li> <li>2. Dr. Mamta Rani, Associate Professor, Department of Computer Science (from 08.10.2021 to 11.09.2023)</li> </ol>
<b>Statute 11(1)(ix):</b> One Assistant Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor	<p>Dr. Tulsee Giri Goswami Assistant Professor, Department of Management, Central University of Rajasthan (w.e.f. 03.07.2024)</p> <p><b><u>Previous Members (during 01.07.2023 to 30.06.2024):</u></b></p> <p>Dr. Sanjay Kumar Assistant Professor, Department of Management, Central University of Rajasthan (from 14.06.2021 to 13.06.2024)</p>
<b>Statute 11(1)(x):</b> Two of the elected members of the Court, none of whom shall be and employee or student of the University or an institution recognised by or associated with the University, to be nominated by the Visitor	<p>(Vacant-02)</p> <p>The proposal for 02 nominees of the Visitor for the Second Court has been sent to MoE.</p>





Statute	Name of the Member(s)
<b>Statute 11(1)(xi):</b> Four persons of distinction in academic and public life, to be nominated by the Visitor	<ol style="list-style-type: none"> <li>1. Prof. Manju Baghmar, Department of Business Administration, Mohanlal Sukhadia University, Udaipur, Rajasthan</li> <li>2. Dr. Payal Mago, Principal, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi</li> <li>3. Prof. Sambhu Nath Singh, School of Journalism and New Media Studies, Indira Gandhi National Open University (IGNOU), New Delhi.</li> <li>4. Prof. Rajeev Kumar Saxena, Department of Economic Administration and Financial Management, University of Rajasthan, Jaipur.</li> </ol> <p style="text-align: right;">(w.e.f. 09.03.2022)</p>
<b>Statute 6(6):</b> The Registrar shall be the ex-officio Secretary of the Executive Council and Academic Council, but shall not be deemed to be a member of either of these authorities... ( <i>Ex-officio Secretary</i> )	<p>Prof. Vipin Kumar Registrar (I/c), Central University of Rajasthan (w.e.f. 31.10.2023)</p> <p><b><u>Previous Secretaries (during 01.07.2022 to 30.06.2023):</u></b></p> <p>Mr. Pradeep Agrawal Registrar (I/c), Central University of Rajasthan (from 01.06.2023 to 30.10.2023)</p>

**Quorum of the Committee:** As per provisions of the Statute 11(3), half of the total members of the Executive Council, including two outside members, excluding the Chairman, shall form the quorum for the meeting of the Executive Council.

**Tenure of the Committee:** As per provisions of the amended statute 11(2), all the members of the Executive Council, other than the Vice-Chancellor, Pro-Vice-Chancellor and Registrar shall hold office for a term of three years.

### Members: Academic Council

Amended Statute 13 of the Central Universities Act, 2009

(During the period from 01.07.2023 to 30.06.2024)

Statute	Name of the Member(s)
<b>Statute 13(1)(i):</b> The Vice-Chancellor	Prof. Anand Bhalerao Vice Chancellor, and





	Chairman Academic Council Central University of Rajasthan (w.e.f. 24.01.2022)
<b>Statute 13(1)(ii):</b> The Pro-Vice Chancellor, if any	(Vacant)
<b>Statute 13(1)(iii):</b> Deans of Schools of Studies	<ol style="list-style-type: none"> <li>1. Dean, School of Chemical Sciences &amp; Pharmacy</li> <li>2. Dean, School of Earth Sciences</li> <li>3. Dean, School of Commerce &amp; Management</li> <li>4. Dean, School of Physical Sciences</li> <li>5. Dean, School of Education (School merged with School of Sports Sciences w.e.f. 24.04.2024)</li> <li>6. Dean, School of Mathematics, Statistics &amp; Computational Sciences</li> <li>7. Dean, School of Social Sciences</li> <li>8. Dean, School of Humanities &amp; Languages</li> <li>9. Dean, School of Architecture</li> <li>10. Dean, School of Life Sciences</li> <li>11. Dean, School of Engineering &amp; Technology</li> <li>12. School of Sports Sciences, Yoga and Education (w.e.f. 24.04.2024)</li> <li>13. Interdisciplinary School of Health Science</li> <li>14. School of Performing Arts</li> </ol>
<b>Statute 13(1)(iv):</b> Heads of Teaching Departments/ Centers	<ol style="list-style-type: none"> <li>1. Head, Department of Architecture</li> <li>2. Head, Department of Atmospheric Science</li> <li>3. Head, Department of Biochemistry</li> <li>4. Head, Department of Bio-Medical Engineering</li> <li>5. Head, Department of Biotechnology</li> <li>6. Head, Department of Chemistry</li> <li>7. Head, Department of Commerce</li> <li>8. Head, Department of Computer Science</li> <li>9. Head, Department of Computer Science and Engineering</li> <li>10. Head, Department of Culture and Media Studies</li> <li>11. Head, Department of Data Science and Analytics</li> <li>12. Head, Department of Economics</li> <li>13. Head, Department of Education</li> <li>14. Head, Department of Electronics and Communication</li> <li>15. Head, Department of English</li> <li>16. Head, Department of Environmental Science</li> <li>17. Head, Department of Hindi</li> <li>18. Head, Department of Linguistics</li> <li>19. Head, Department of Management</li> <li>20. Head, Department of Mathematics</li> <li>21. Head, Department of Microbiology</li> <li>22. Head, Department of Pharmacy</li> <li>23. Head, Department of Physics</li> <li>24. Head, Department of Public Policy, Law &amp; Governance</li> </ol>





	25. Head, Department of Social Work 26. Head, Department of Society-Technology Interface 27. Head, Department of Sports Biomechanics 28. Head, Department of Sports Bioscience 29. Head, Department of Sports Psychology 30. Head, Department of Statistics 31. Head, Department of Vocational Studies and Skill Development 32. Head, Department of Yoga 33. Head, Department of Health Sciences 34. Head, Department of Hotel and Tourism Management 35. Head, Department of Theatre and Performing Arts
<b>Statute 13(1)(v):</b> 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.	1. Prof. Neeraj Gupta Department of Architecture 2. Prof. J.K. Prajapat Department of Matheamtics 3. Prof. N. Lakshmi Aiyar Department of Hindi 4. Prof. Pawan Kumar Dadheech Department of Microbiology 5. Prof. Amit Kumar Goyal Department of Pharmacy 6. Prof. Sanjib Kumar Panda Department of Biochemistry 7. Prof. Rajesh Kumar Department of Environmental Science 8. Prof. Laxmi Kant Sharma Department of Environmental Science 9. Prof. Arvind Pandey Department of Statistics (w.e.f. 03.11.2023) 10. Prof. S.N. Ambedkar Department of Public Policy, Law & Governance (w.e.f. 04.12.2023)
<b>Statute 13(i)(vi):</b> Five Associate Professors, who are not Head of Teaching Department, by rotation according to seniority, to be appointed by the Vice Chancellor	1. Dr. Anjali Sharma Department of Education 2. Dr. Suresh Singh Rathore Department of Hindi 3. Dr. Deepesh Bhati Department of Statistics 4. Dr. Anuj Kumar Sharma Department of Chemistry (w.e.f. 03.11.2023)
<b>Statute 13(1)(vii):</b> Three Assistant Professors, by rotation according to	1. Dr. Neha Arora, Department of English (w.e.f. 17.12.2021)





seniority, to be appointed by the Vice Chancellor	<ol style="list-style-type: none"> <li>Dr. Devendra Rankawat Department of English (w.e.f. 04.12.2023)</li> <li>Dr. Gaurav Somani Department of Computer Science and Engineering (w.e.f. 04.12.2023)</li> </ol> <p><b><u>Previous Members (during 01.07.2023 to 30.06.2024):</u></b></p> <ol style="list-style-type: none"> <li>Dr. Janmejy Pandey Department of Biotechnology (from 03.11.2023 to 03.12.2023)</li> <li>Dr. Deeksha Tripathi Department of Microbiology (from 03.11.2023 to 03.12.2023)</li> </ol>
<b>Statute 13(1)(viii):</b> Six persons not in the service of the University co-opted by the Academic Council for their Special Knowledge in education progress and development	<ol style="list-style-type: none"> <li>Prof. N.P. Pandhy Director, MNIT, Jaipur</li> <li>Prof. Suresh Joshi Former Director and Professor SBME Drexel University, Philadelphia USA (w.e.f. 03.11.2023)</li> <li>Prof. E. Suresh Kumar Vice-Chancellor, The English &amp; Foreign Language University, Hyderabad (w.e.f. 06.11.2023)</li> </ol>
<b>Statute 13(1)(ix):</b> Two of the elected members of the Court, to be nominated by Visitor	<p>(Vacant-02)</p> <p>The proposal for 02 nominees of the Visitor for the Second Court has been sent to MoE.</p>
<b>Statute 13(2):</b> Dean of Students Welfare (Ex-officio Member)	<p>Registrar (w.e.f. 15.02.2024)</p> <p><b><u>Previous Members (during 01.07.2023 to 30.06.2024):</u></b></p> <p>Prof. J.K. Prajapat (w.e.f. 11.10.2021 to 14.02.2024)</p>
<b>Statute 13(2):</b> Proctor (Ex-officio Member)	<p>Dr. Laxmi Kant Sharma (w.e.f. 29.07.2022)</p>
<b>Statute 13(2):</b> Controller of Examinations	<p>The Controller of Examinations</p> <p>– Dr. Chandrakanta Dash. (I/c) (w.e.f. 16.04.2024)</p> <p><b><u>Previous Members (during 01.07.2023 to 30.06.2024):</u></b></p> <p>– Prof. S.N. Ambedkar (I/c) (from 16.07.2021 to 12.07.2023)</p>





	– Dr. Manish Didwania (from 13.07.2023 to 05.04.2024)
<b>Statute 13(2):</b> Librarian	The Librarian – Presently Prof. S.N. Ambedkar (I/c)
<b>Statute 6(6):</b> Registrar, (Ex-Officio Secretary)	Prof. Vipin Kumar Registrar (I/c), Central University of Rajasthan (w.e.f. 31.10.2023) <b><u>Previous Secretaries (during 01.07.2022 to 30.06.2023):</u></b> Mr. Pradeep Agrawal Registrar (I/c), Central University of Rajasthan (from 01.06.2023 to 30.10.2023)

**Quorum of the Committee:** As per provisions of the Statute 13(4), half of the total members of the Academic Council, in including two outside members, excluding the chairman, shall form the quorum for the meeting of the Academic Council.

**Tenure of the Member:** As per provisions of the amended statute 13(3), all members of the Academic Council, other than the ex-officio members, shall hold office for a term of three years.

### Members: Finance Committee

Amended Statute 13 of the Central Universities Act, 2009

(During the period from 01.07.2023 to 30.06.2024)

Statute	Name of the Member(s)
Statute 17(1)(i): The Vice Chancellor	Prof. Anand Bhalerao Vice Chancellor and Ex-Officio Chairman Central University of Rajasthan (w.e.f. 24.01.2022)
Statute 17(1)(ii): The Pro-Vice Chancellor	(Vacant)
Statute 17(1)(iii): One Person nominated by the Court	(Vacant)
Statute 17(1)(iv): Three Persons nominated by the Executive Council, out of whom at least one shall be member of the Executive Council	1. Sh. B.S. Patil, Ex. Finance Officer, Shivaji University, Vidyanagar, Kolhapur, Maharashtra (w.e.f. 20.05.2022) 2. Prof. Rajeev Kumar Saxena Department of Economic Administration and





	Financial Management, University of Rajasthan (w.e.f. 29.08.2022 for a term and as long as he continues to be the member of the Executive Council) 3. ....
Statute 17(1)(v): Three Persons nominated by the Visitor	1. Joint Secretary (CU&L), MHRD, New Delhi 2. Joint Secretary & Finance Advisor, MHRD, New Delhi 3. Joint Secretary (CU), UGC, New Delhi
The Statutes 7 (5) The Finance Officer, Ex-officio Secretary	Ex-Officio Secretary

**Quorum of the Committee:** As per provisions of the Statute 17(2), five members of the Finance Committee shall form a quorum for a meeting of the Finance Committee

**Tenure of the Member:** As per the Statute 17(3), all the members, other than Ex officio members. Shall hold office for a term of three years.





# List of Faculty/ Administrative Officers/ Non-Teaching Staff

## A. REGULAR TEACHING STAFF

### A.1 Regular Teaching staff joined during Academic Year 2023-24:

Sl. No.	Name of the teacher	Designation	Department	Date of Joining	Relieving date (if any)
1	Prof. Raghavendra Bhat	Professor	Yoga	29.01.2024	-
2	Prof. V. Sridharan	Professor	Chemistry	01.08.2023	31.08.2023
3	Dr. Akshansh Bharadwaj	Assistant Professor	Hindi	22.01.2024	-
4	Dr. Subodh Kumar	Assistant Professor	Data Science and Analytics	25.01.2024	-
5	Mr. Shubham Pandey	Assistant Professor	Commerce	13.03.2024	-

### A.2 Regular Teaching staff during the Academic Year 2023-24:

Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
1	Prof. Neeraj Gupta	Professor	Architecture	-
2	Mrs. Ritu Bhargava Rai	Associate Professor	Architecture	-
3	Mr. Vivekanand Tiwari	Assistant Professor	Architecture	-
4	Dr. Sunil Sharma	Assistant Professor	Architecture	-
5	Mr. Mahesh Kumar	Assistant Professor	Architecture	-
6	Dr. Devesh Sharma	Associate Professor	Atmospheric Science	-
7	Dr. Subrat Kumar Panda	Assistant Professor	Atmospheric Science	-
8	Dr. Chinmay Mallik	Assistant Professor	Atmospheric Science	-
9	Dr. Jayanti Pal	Assistant Professor	Atmospheric Science	-
10	Dr. Jai Prakash	Assistant Professor	Atmospheric Science	-
11	Prof. Chandi Charan Mandal	Professor (through CAS)	Biochemistry	-





Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
12	Prof. Sanjib Kumar Panda	Professor	Biochemistry	-
13	Dr. Hemant Kumar Daima	Associate Professor	Biochemistry	-
14	Dr. Vishvanath Tiwari	Assistant Professor	Biochemistry	-
15	Dr. Shiv Swaroop	Assistant Professor	Biochemistry	-
16	Dr. Dipak Gayen	Assistant Professor	Biochemistry	-
17	Dr. Bhawana Bissa	Assistant Professor	Biochemistry	-
18	Prof. Gajanan Balasaheb Zore	Professor	Biotechnology	-
19	Prof. Pankaj Goyal	Professor (through CAS)	Biotechnology	-
20	Dr. Jay Kant Yadav	Associate Professor	Biotechnology	-
21	Dr. Janmejy Pandey	Assistant Professor	Biotechnology	-
22	Dr. Tarun Kumar Bhatt	Associate Professor (through CAS)	Biotechnology	-
23	Dr. Jayendra Nath Shukla	Assistant Professor	Biotechnology	-
24	Dr. Khem Raj Meena	Assistant Professor	Biotechnology	-
25	Dr. Gajendra Singh	Assistant Professor	Biotechnology	-
26	Dr. Sandeep Chaudhary	Assistant Professor	Bio-Medical Engineering	-
27	Dr. Chandan Kumar	Assistant Professor	Bio-Medical Engineering	-
28	Dr. Vikrant Singh Rajput	Assistant Professor	Bio-Medical Engineering	-
29	Dr. Manas Kumar Nag	Assistant Professor	Bio-Medical Engineering	-
30	Dr. Easwar Srinivasan	Associate Professor	Chemistry	-
31	Dr. Anuj Kumar Sharma	Associate Professor	Chemistry	-
32	Dr. M. Bhanuchandra	Assistant Professor	Chemistry	-
33	Dr. Thirumoorthi Ramalingam	Assistant Professor	Chemistry	-
34	Dr. Partha Roy	Assistant Professor	Chemistry	-
35	Dr. Ritesh Singh	Assistant Professor	Chemistry	-
36	Dr. Hemant Joshi	Assistant Professor	Chemistry	-
37	Dr. Rajagopala Reddy Seelam	Assistant Professor	Chemistry	-
38	Dr. Bhupendra Goswami	Assistant Professor	Chemistry	-
39	Dr. Chandrakanta Dash	Assistant Professor	Chemistry	-
40	Prof. Praveen Sahu	Professor (through CAS)	Commerce	-
41	Dr. Priyanka Bhaskar	Assistant Professor	Commerce	-
42	Mr. Shubham Pandey	Assistant Professor	Commerce	-
43	Prof. Mamta Rani	Professor (through	Computer Science	-





Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
		CAS)		
44	Dr. Pawan Singh	Associate Professor	Computer Science	-
45	Mr. Gaurav Meena	Assistant Professor	Computer Science	-
46	Mr. Ravi Raj Choudhary	Assistant Professor	Computer Science	-
47	Dr. Krishna Kumar Mohbey	Assistant Professor	Computer Science	-
48	Dr. Ajay Indian	Assistant Professor	Computer Science	-
49	Dr. Abhay Kumar Rai	Assistant Professor	Computer Science	-
50	Dr. Prakash Choudhary	Associate Professor	Computer Science & Engineering	-
51	Dr. Basant Agarwal	Associate Professor	Computer Science & Engineering	-
52	Dr. Gaurav Somani	Assistant Professor	Computer Science & Engineering	-
53	Mr. Ravi Saharan	Assistant Professor	Computer Science & Engineering	-
54	Dr. Muzzammil Hussain Mohammad	Assistant Professor	Computer Science & Engineering	-
55	Dr. Tarun Kumar	Assistant Professor	Computer Science & Engineering	-
56	Prof. Amitabh Srivastava	Professor	Culture & Media Studies	-
57	Dr. Pranta Pratik Patnaik	Assistant Professor	Culture & Media Studies	-
58	Dr. Nicholas Lakra	Assistant Professor	Culture & Media Studies	-
59	Dr. Neeru Prasad	Assistant Professor	Culture & Media Studies	-
60	Dr. Anoop Kumar	Assistant Professor	Culture & Media Studies	-
61	Dr. Vidyottama Jain	Associate Professor	Data Science and Analytics	-
62	Dr. Nishtha Kesswani	Associate Professor	Data Science and Analytics	-
63	Dr. Pritpal Singh	Assistant Professor	Data Science and Analytics	-
64	Dr. Bhavna Saini	Assistant Professor	Data Science and Analytics	-
65	Dr. Subodh Kumar	Assistant Professor	Data Science and Analytics	-
66	Dr. Hemlata Manglani	Associate Professor	Economics	-
67	Dr. Pragati Jain	Assistant Professor	Economics	-
68	Dr. Satyanarayanamurty Dogga	Assistant Professor	Economics	-
69	Dr. Suresh Kumar Patra	Assistant Professor	Economics	-





Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
70	Dr. Rina Ram Kishore Godara	Assistant Professor	Education	-
71	Dr. T. Sangeetha	Assistant Professor	Education	-
72	Dr. Seema Gopinath	Assistant Professor	Education	-
73	Dr. Kanak Sharma	Assistant Professor	Education	-
74	Dr. Anjali Sharma	Associate Professor	Education	-
75	Dr. Gobind Singh	Assistant Professor	Education	-
76	Dr. Narendra Kumar	Assistant Professor	Education	-
77	Dr. Sangeeta Yaduvanshi	Assistant Professor	Education	-
78	Dr. Nithya Prem S R	Assistant Professor	Education	-
79	Dr. Sanyog Rawat	Associate Professor	Electronics and Communication	-
80	Dr. Milan Sasmal	Assistant Professor	Electronics and Communication	-
81	Dr. Rajan Singh	Assistant Professor	Electronics and Communication	-
82	Dr. Kapil Saraswat	Assistant Professor	Electronics and Communication	-
83	Dr. Sudhir Bhaskar	Assistant Professor	Electronics and Communication	-
84	Prof. Sanjay Arora	Professor (through CAS)	English	-
85	Dr. Bhumika Sharma	Associate Professor (through CAS)	English	-
86	Dr. Neha Arora	Assistant Professor	English	-
87	Dr. Devendra Rankawat	Assistant Professor	English	-
88	Dr. Ved Prakash	Assistant Professor	English	-
89	Dr. Savita Laxmanrao Andelwar	Assistant Professor	English	-
90	Prof. Rajesh Kumar	Professor	Environmental Science	-
91	Prof. Laxmi Kant Sharma	Professor (through CAS)	Environmental Science	-
92	Dr. Pramod Ningappa Kamble	Associate Professor	Environmental Science	-
93	Dr. Garima Kaushik	Assistant Professor	Environmental Science	-
94	Dr. Ritu Singh	Assistant Professor	Environmental Science	-
95	Dr. Shailesh Kumar Patidar	Assistant Professor	Environmental Science	-
96	Dr. Nivedita Chaudhary	Assistant Professor	Environmental Science	-
97	Dr. Bhagawan D.	Assistant Professor	Environmental Science	-





Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
98	Prof. N. Lakshmi Aiyar	Professor (through CAS)	Hindi	-
99	Dr. Shital Prasad Mahendra	Associate Professor	Hindi	-
100	Dr. Mamata Khandal	Assistant Professor	Hindi	-
101	Dr. Suresh Singh Rathore	Associate Professor (through CAS)	Hindi	-
102	Dr. Akshansh Bharadwaj	Assistant Professor	Hindi	-
103	Dr. Dhanapati Shougrakpam	Assistant Professor	Linguistics	-
104	Dr. Sharita Deviram Sharma	Assistant Professor	Linguistics	-
105	Mr. Dhananjay Kumar Tiwari	Assistant Professor	Linguistics	-
106	Dr. Mahboob Zahid	Assistant Professor	Linguistics	-
107	Prof. Uma Sankar Mishra	Professor	Management	-
108	Dr. Sanjay Kumar	Assistant Professor	Management	-
109	Dr. Tulsee Giri Goswami	Assistant Professor	Management	-
110	Dr. Avantika Singh	Assistant Professor	Management	-
111	Dr. Ramulu Bhukya	Assistant Professor	Management	-
112	Prof. Jugal Kishore Prajapat	Professor (through CAS)	Mathematics	-
113	Prof. Dinesh Chandra Sharma	Professor (through CAS)	Mathematics	-
114	Dr. Anand Kumar	Associate Professor (through CAS)	Mathematics	-
115	Dr. Ram Kishore	Assistant Professor	Mathematics	-
116	Dr. Jai Prakash Tripathi	Assistant Professor	Mathematics	-
117	Dr. Vijay Kumar Yadav	Assistant Professor	Mathematics	-
118	Dr. Vipul Kakkar	Assistant Professor	Mathematics	-
119	Dr. Asha Kumari Meena	Assistant Professor	Mathematics	-
120	Dr. Kamlesh Jangid	Assistant Professor	Mathematics	-
121	Prof. Pawan Kumar Dadheech	Professor (through CAS)	Microbiology	-
122	Prof. Pradeep Verma	Professor (through CAS)	Microbiology	-
123	Prof. Inshad Ali Khan	Professor	Microbiology	-
124	Dr. Akhil Agrawal	Associate Professor (through CAS)	Microbiology	-
125	Dr. Nidhi Pareek	Assistant Professor	Microbiology	-
126	Dr. Deeksha Tripathi	Assistant Professor	Microbiology	-
127	Dr. Sagar Shivaji Barale	Assistant Professor	Microbiology	-
128	Prof. Vipin Kumar	Professor (through CAS)	Pharmacy	-





Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
129	Prof. Amit Kumar Goyal	Professor	Pharmacy	-
130	Dr. Madhuri Desavathu	Associate Professor	Pharmacy	-
131	Dr. Devesh Madhukar Sawant	Assistant Professor	Pharmacy	-
132	Dr. Ruchi Malik	Assistant Professor	Pharmacy	-
133	Dr. Kaisar Raza	Assistant Professor	Pharmacy	-
134	Dr. Umesh Gupta	Associate Professor (through CAS)	Pharmacy	-
135	Prof. Manish Dev Shrimali	Professor	Physics	-
136	Dr. Sukhmander Singh	Assistant Professor	Physics	-
137	Dr. Brijesh Kumar Singh	Assistant Professor	Physics	-
138	Dr. Rakesh Kumar	Assistant Professor	Physics	-
139	Dr. Yugandar Bitla	Assistant Professor	Physics	-
140	Dr. Siddharth Dwivedi	Assistant Professor	Physics	-
141	Dr. Kuldeep Suthar	Assistant Professor	Physics	-
142	Dr. Rajendra Charandeo Pawar	Assistant Professor	Physics	-
143	Prof. Nagendra Ambedkar Sole	Professor (through CAS)	Public Policy, Law & Governance	-
144	Prof. Kandasamy S	Professor (through CAS)	Public Policy, Law & Governance	-
145	Dr. Jeevan Kumar Cheruku	Assistant Professor	Public Policy, Law & Governance	-
146	Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Law & Governance	-
147	Dr. Sudhir Kumar Garhwal	Assistant Professor	Public Policy, Law & Governance	-
148	Prof. Jagdish Ullas Jadhav	Professor (through CAS)	Social Work	-
149	Dr. Dandub Palzor Negi	Assistant Professor	Social Work	-
150	Dr. Atiq Ahmed	Assistant Professor	Social Work	-
151	Dr. Shaizy Ahmed	Assistant Professor	Social Work	-
152	Dr. Rajeev M.M.	Assistant Professor	Social Work	-
153	Dr. Kumar Sambhav Pareek	Associate Professor	Society-Technology Interface	-
154	Dr. Jaya Kritika Ojha	Assistant Professor	Society-Technology Interface	-
155	Dr. Wairokpam Premi Devi	Assistant Professor	Society-Technology Interface	-
156	Dr. Jugal Kishor	Assistant Professor	Society-Technology	-





Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
			Interface	
157	Dr. Neha Singh	Assistant Professor	Sports Bioscience	-
158	Dr. Hemanth Naick Banavath	Assistant Professor	Sports Bioscience	-
159	Dr. Sunil G. Purohit	Assistant Professor	Sports Bioscience	-
160	Dr. Shailendra Pratap Singh	Assistant Professor	Sports Bioscience	-
161	Dr. Neethu P.S.	Assistant Professor	Sports Psychology	-
162	Dr. Guneet Inder Jit Kaur	Assistant Professor	Sports Psychology	-
163	Prof. Jitendra Kumar	Professor (through CAS)	Statistics	-
164	Prof. Arvind Pandey	Professor (through CAS)	Statistics	-
165	Dr. Deepesh Bhati	Associate Professor (through CAS)	Statistics	-
166	Dr. Sanjay Kumar	Assistant Professor	Statistics	-
167	Dr. Satish Kumar Kalapala	Assistant Professor	Statistics	-
168	Dr. Mahesh Shivaji Barale	Assistant Professor	Statistics	-
169	Dr. Saurabh Kumar	Assistant Professor	Statistics	-
170	Prof. Raghavendra Bhat	Professor	Yoga	-
171	Prof. Sanjib Kumar Patra	Professor (through CAS)	Yoga	-
172	Dr. Kashinath G. Metri	Assistant Professor	Yoga	-
173	Prof. Ajit Kumar Patra	Professor (through CAS)	Physics	11.09.2024
174	Prof. V. Sridharan	Professor	Chemistry	31.08.2023
175	Dr. Subhasis Bhadra	Associate Professor	Social Work	27.10.2023
176	Dr. Nidhi Pareek	Associate Professor	Sports Bioscience	21.08.2023
177	Dr. Rajneesh Choubisa	Associate Professor	Sports Psychology	21.07.2023
178	Dr. Kiran Kumar Tejavath	Assistant Professor	Biochemistry	08.03.2024
179	Dr. Suman Tapryal	Assistant Professor	Biotechnology	15.11.2023
180	Dr. Sanjay Kumar Patel	Assistant Professor	Commerce	11.09.2024
181	Dr. L. Paikhomba Singha	Assistant Professor	Microbiology	21.09.2023
182	Dr. Neeraj Panwar	Assistant Professor	Physics	08.10.2024
183	Dr. Mahendra Saha	Assistant Professor	Statistics	19.09.2023

## B. REGULAR NON-TEACHING STAFF

### B.1 Regular Administrative and Non-Teaching staff joined during Academic Year 2023-24:





Sl. No.	Name	Designation	Selection mode	Group	Date of Joining	Date of relieving (if any)
1	Dr. Ravindranath Wodeyar	Deputy Librarian	Direct	A	01.03.2024	-
2	Mr. Gaurav Sharma	Assistant Registrar	Direct	A	09.10.2023	-
3	Ms. Neha Bajaj	Section Officer	Promotion	B	14.02.2024	-
4	Mr. Kedar Pahadasingh	Personal Assistant	Direct	B	19.02.2024	-
5	Mr. Shivraj Bairwa	Assistant	Direct	B	25.01.2024	-
6	Mr. Dilip Raichandani	Assistant	Promotion	B	12.06.2024	-
7	Mr. Sunil Kumar Jangid	Professional Assistant	Direct	B	25.01.2024	-
8	Mr. Vivek Vyas	Technical Assistant	Promotion	C	14.02.2024	-
9	Mr. Pankaj Kumar Tailor	Technical Assistant	Promotion	C	14.02.2024	-
10	Mr. Sandeep Sharma	Technical Assistant	Promotion	C	14.02.2024	-
11	Dr. Aarif Khan	Technical Assistant	Promotion	C	14.02.2024	-
12	Mr. Rahul Sharma	Technical Assistant	Direct	C	14.03.2024	-
13	Mr. Vishnu Bansal	Laboratory Assistant	Direct	C	14.03.2024	-
14	Mr. Pawan Kumar Sharma	UDC	Promotion	C	14.02.2024	-
15	Mr. Nand Ram Choudhary	Driver	Direct	C	25.01.2024	-
16	Mr. Keshav Kumar Sharma	Laboratory Attendant	Direct	C	14.03.2024	-
17	Mr. Vinod Kumar	Library Attendant	Direct	C	15.03.2024	-
18	Mr. Ganeshi Lal Sharma	Multi Tasking Staff	Direct	C	13.03.2024	-
19	Ms. Ashita Laddha	Statistical Assistant	Direct	C	25.01.2024	-
20	Mr. Harish Vaishnav	LDC	Direct	C	19.03.2024	-
21	Mr. Pawan Kumar	Laboratory Attendant	Direct	C	12.02.2024	-
22	Mr. Bagh Singh Bhati	Laboratory Attendant	Direct	C	12.02.2024	-
23	Mr. Hemraj Kumawat	Laboratory Attendant	Direct	C	04.03.2024	-
24	Mr. Ravi Sen	Dresser	Direct	C	25.01.2024	-
25	Mr. Manish Didwania	Controller of Examinations	Direct	A	13.07.2023	05.04.2024
26	Mr. Manish Singh Rathore	Semi Professional Assistant	Direct	C	28.03.2024	09.08.2024

## B.2 Regular Administrative and Non-teaching staff during the Academic Year 2023-24:





Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
1	Mr. Pradeep Agarwal	Finance Officer	Direct	A	-
2	Dr. Hari Singh Parihar	Joint Registrar	Direct	A	-
3	Mr. Sultan Singh	Executive Engineer	Direct	A	-
4	Dr. Ravindranath Wodeyar	Deputy Librarian	Direct	A	-
5	Mrs. Sobhagyawati Gupta	Assistant Librarian	Direct	A	-
6	Mr. Saroja Kumar Panda	Assistant Librarian	Direct	A	-
7	Ms. Anuradha Mittal	Public Relation Officer	Direct	A	-
8	Dr. Om Kumar Karn	Hindi Officer	Direct	A	-
9	Dr. Ankur Mittal	Medical Officer (Male)	Direct	A	-
10	Mr. Shyam Singh	Assistant Registrar	Promotion	A	-
11	Mr. Ashish Kumar Gupta	Assistant Registrar	Direct	A	-
12	Mr. Manoj Kumar Indoria	Assistant Registrar	Promotion	A	-
13	Mr. Shakti Singh Panwar	Information Scientist	Direct	A	-
14	Mr. Vikas Kumar Sinha	System Analyst	Direct	A	-
15	Mr. Gaurav Sharma	Assistant Registrar	Direct	A	-
16	Mr. Ramesh Singh Solanki	Section Officer	Direct	B	-
17	Mr. Pradeep Kumar Garg	Section Officer	Promotion	B	-
18	Mr. Lokesh Vijayvargia	Section Officer	Direct	B	-
19	Ms. Neha Bajaj	Section Officer	Promotion	B	-





Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
20	Mr. Rajpal Singh Rewar	Security Officer	Direct	B	-
21	Mr. Bharat Bhushan Gupta	Private Secretary	Promotion	B	-
22	Mr. Rajesh Kumar	Junior Engineer (Civil)	Direct	B	-
23	Mr. Darpan Bansal	Junior Engineer (Electrical)	Direct	B	-
24	Mr. Seva Ram Kumawat	Personal Assistant	Direct	B	-
25	Mr. Sanjay Gaur	Personal Assistant	Direct	B	-
26	Mr. Kedar Pahadasingh	Personal Assistant	Direct	B	-
27	Mr. Mohit Jamer	Senior Technical Assistant	Direct	B	-
28	Mr. Sanjay Joshi	Senior Technical Assistant	Promotion	B	-
29	Mr. Naresh Kumar Mangal	Senior Technical Assistant	Promotion	B	-
30	Mr. Avdhesh Vijay	Senior Technical Assistant	Promotion	B	-
31	Mr. Girdhari Lal Verma	Assistant	Direct	B	-
32	Mr. Vineet Prakash Bishnoi	Assistant	Direct	B	-
33	Ms. Pratima Chattraaj	Assistant	Promotion	B	-
34	Mr. Puneet Agarwal	Assistant	Direct	B	-
35	Ms. Hema Chaudhary	Assistant	Direct	B	-
36	Mr. Jahangeer Kureshi	Assistant	Direct	B	-
37	Mr. Shivraj Bairwa	Assistant	Direct	B	-





Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
38	Mr. Dilip Raichandani	Assistant	Promotion	B	-
39	Mrs. Dipika Kumari Dangi	Nursing Officer	Direct	B	-
40	Mr. Sunil Kumar Jangid	Professional Assistant	Direct	B	-
41	Mr. Akhilesh Tiwari	Pharmacist	Direct	C	-
42	Mr. Jai Ram Chejara	Security Inspector	Direct	C	-
43	Mr. Vivek Vyas	Technical Assistant	Promotion	C	-
44	Mr. Pankaj Kumar Tailor	Technical Assistant	Promotion	C	-
45	Mr. Sandeep Sharma	Technical Assistant	Promotion	C	-
46	Dr. Aarif Khan	Technical Assistant	Promotion	C	-
47	Mr. Rahul Sharma	Technical Assistant	Direct	C	-
48	Mr. Manish Singh Rathore	Semi Professional Assistant	Direct	C	09.08.2024
49	Mr. Satyanarayan Rao	Laboratory Assistant	Direct	C	-
50	Mr. Pushpendra Kumar Sharma	Laboratory Assistant	Direct	C	-
51	Mr. Giriraj Sharma	Laboratory Assistant	Direct	C	-
52	Mr. Vimal Kumar Jain	Laboratory Assistant	Promotion	C	-
53	Mr. Dashrath Kumar Sharma	Laboratory Assistant	Promotion	C	-
54	Mr. Shivji Ram Jat	Laboratory Assistant	Direct	C	-
55	Mr. Revant Kumar	Laboratory Assistant	Direct	C	-
56	Mr. Rajendra Kumar Soni	Laboratory Assistant	Promotion	C	-
57	Mr. Vishnu Bansal	Laboratory Assistant	Direct	C	-
58	Mr. Somyajeet Dey	Library Assistant	Direct	C	-





Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
59	Mr. Manoj Pareek	Library Assistant	Promotion	C	-
60	Mr. Santosh Kumar Kumawat	UDC	Direct	C	-
61	Ms. Lata Gurbaxani	UDC	Promotion	C	-
62	Mr. Pawan Kumar Sharma	UDC	Promotion	C	-
63	Mr. Girraj Prasad Sharma	LDC	Direct	C	-
64	Mr. Madhur Sagar Sharma	LDC	Direct	C	-
65	Mr. Surendra Singh Rajawat	LDC	Direct	C	-
66	Mr. Vinod Choudhary	LDC	Direct	C	-
67	Mr. Naveen Chand Sen	LDC	Direct	C	-
68	Mr. Govind Kumawat	LDC	Direct	C	-
69	Mr. Lalit Bhopriya	LDC	Direct	C	-
70	Mr. Yogesh Kumar Meena	LDC	Direct	C	-
71	Mr. Gaurav Kumar	LDC	Direct	C	-
72	Mr. Ganpat Lal Solanki	LDC	Promotion	C	-
73	Mr. Anshu Sharma	LDC	Promotion	C	-
74	Mrs. Sharmila Autha	LDC	Direct	C	-
75	Mr. Mangal Chand Dhanka	LDC	Promotion	C	-
76	Mr. Vishnu Kumar Gupta	LDC	Direct	C	-
77	Mr. Ravi Prakash Bohara	LDC	Direct	C	-
78	Mr. Ankit Yadav	LDC	Direct	C	-





Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
79	Mr. Yashpal Solanki	LDC	Direct	C	-
80	Mr. Anil Jangid	LDC	Direct	C	-
81	Mr. Navin Kumar Sharma	Driver (Grade II)	Direct	C	-
82	Mr. Rajveer Singh	Cook (Grade II)	Direct	C	-
83	Mr. Gaurav Sukhwal	Driver	Direct	C	-
84	Mr. Sanjay Kumar Sharma	Driver	Direct	C	-
85	Mr. Hukma Ram Meghwal	Driver	Direct	C	-
86	Mr. Nand Ram Choudhary	Driver	Direct	C	-
87	Mr. Satya Narayan Solanki	Cook	Promotion	C	-
88	Mr. Jay Singh Rawat	Hostel Attendant	Direct	C	-
89	Mr. Nathmal Tak	Hostel Attendant	Direct	C	-
90	Mr. Bhagirath Ashiya	Laboratory Attendant	Direct	C	-
91	Mr. Ashish Kumar Sharma	Laboratory Attendant	Direct	C	-
92	Mr. Kheema Ram	Laboratory Attendant	Direct	C	-
93	Mr. Ashutosh Kumawat	Laboratory Attendant	Direct	C	-
94	Mr. Keshav Kumar Sharma	Laboratory Attendant	Direct	C	-
95	Ms. Priya Sharma	Library Attendant	Direct	C	-
96	Mr. Nitesh Yadav	Library Attendant	Direct	C	-
97	Ms. Nimisha Gupta	Library Attendant	Direct	C	-
98	Mr. Vinod Kumar	Library Attendant	Direct	C	-
99	Mr. Sagar Mal Gujar	Multi Tasking Staff	Direct	C	-





Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
100	Mr. Ashish Kumar Sharma	Multi Tasking Staff	Direct	C	-
101	Mr. Lekhraj	Multi Tasking Staff	Direct	C	-
102	Mr. Nitesh Jain	Multi Tasking Staff	Direct	C	-
103	Mr. Yuvraj Singh Rathore	Multi Tasking Staff	Direct	C	-
104	Mr. Deepak Singh	Multi Tasking Staff	Direct	C	-
105	Mr. Ganeshi Lal Sharma	Multi Tasking Staff	Direct	C	-
106	Ms. Ashita Laddha	Statistical Assistant	Direct	C	-
107	Mr. Harish Vaishnav	LDC	Direct	C	-
108	Mr. Pawan Kumar	Laboratory Attendant	Direct	C	-
109	Mr. Bagh Singh Bhati	Laboratory Attendant	Direct	C	-
110	Mr. Hemraj Kumawat	Laboratory Attendant	Direct	C	-
111	Mr. Ravi Sen	Dresser	Direct	C	-
112	Mr. Santosh Kumar Srivastava	Joint Registrar	Direct	A	08.08.2023
113	Mr. Manish Didwania	Controller of Examinations	Direct	A	05.04.2024
114	Mr. Inderpal	Section Officer	Direct	B	03.03.2024
115	Mr. Kartik Bhati	Assistant Engineer (Electrical)	Direct	B	21.12.2023
116	Ms. Neha Bajaj	Assistant	Promotion	B	14.02.2024
117	Mr. Gaurav Sharma	Section Officer	Promotion	B	09.10.2023
118	Mr. Shaffiq Mohammed	Section Officer	Direct	B	15.11.2023
119	Mr. Hosiyar Singh Palawat	Junior Translator	Direct	B	11.08.2023





Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
120	Mr. Dharmendra Choudhary	Technical Assistant	Direct	C	24.08.2023
121	Mr. Vivek Vyas	Laboratory Assistant	Direct	C	14.02.2024
122	Mr. Pankaj Kumar Tailor	Laboratory Assistant	Direct	C	14.02.2024
123	Dr. Aarif Khan	Laboratory Assistant	Direct	C	14.02.2024
124	Mr. Sandeep Sharma	Laboratory Assistant	Direct	C	14.02.2024
125	Mr. Rahul Sharma	Laboratory Assistant	Direct	C	14.03.2024
126	Mr. Dilip Raichandani	UDC	Promotion	C	12.06.2024
127	Mr. Shivraj Bairwa	UDC	Direct	C	25.01.2024
128	Mr. Pawan Kumar Sharma	LDC	Direct	C	14.02.2024
129	Mr. Vishnu Bansal	Laboratory Attendant	Direct	C	14.03.2024
130	Mr. Bhanwra Ram Kasvan	Laboratory Attendant	Direct	C	24.05.2024
131	Mr. Arkapravo Bera	Laboratory Attendant	Direct	C	21.06.2024
132	Mr. Sunil Kumar Jangid	Library Attendant	Direct	C	25.01.2024



# CENTRAL UNIVERSITY OF RAJASTHAN



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