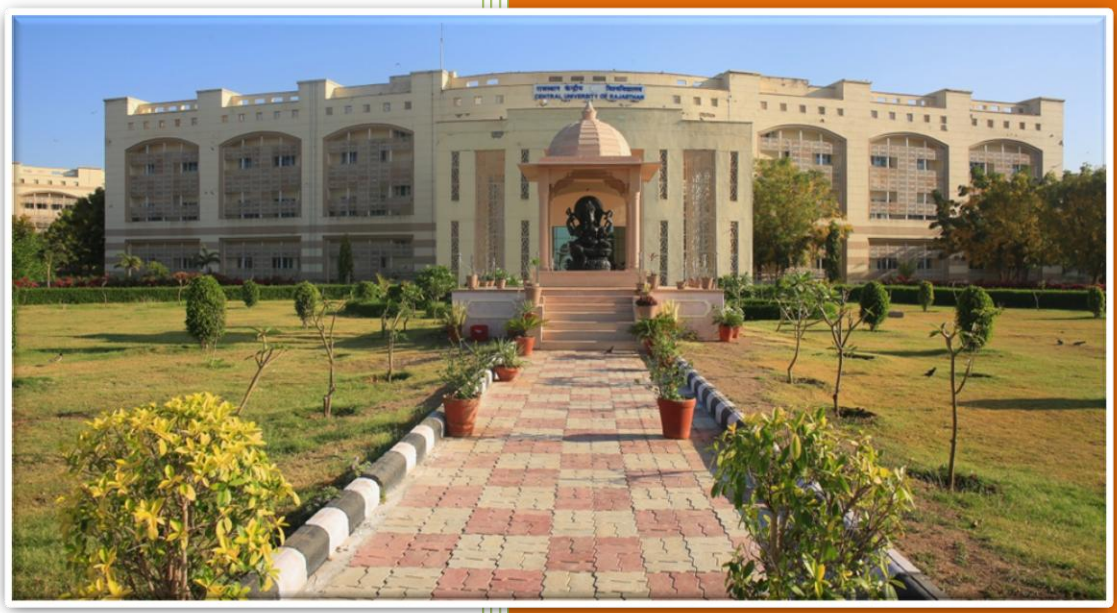
Category-I University

2024-2025

CENTRAL UNIVERSITY OF RAJASTHAN

16th Annual Report





CENTRAL UNIVERSITY OF RAJASTHAN

Sixteenth Annual Report

2024-25



The Visitor
President of India
Her Excellency Smt. Droupadi Murmu



Chancellor
(Late) Dr. K. Kasturirangan



Vice Chancellor
Prof. Anand Bhalerao

Central University of Rajasthan

16th Annual Report (2024–25)

Category 1 University

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From the Vice-Chancellor's Desk

Since its inception in 2009, the Central University of Rajasthan has steadily evolved into a vibrant centre of learning and innovation. Over the years, the University has made significant strides in diverse spheres — from advancing academic excellence and promoting cutting-edge research to forging international collaborations, nurturing human values and contributing meaningfully to nation-building and societal transformation. It gives me immense pleasure to present the Annual Report for the academic session 2024–25, which reflects our collective commitment, achievements and vision for a brighter future.

Nestled amidst lush greenery, the campus offers an inspiring environment that stimulates critical and creative thinking, empowering both students and faculty to pursue excellence in their endeavours. This serene setting, complemented by state-of-the-art infrastructure, serves as a catalyst for innovation, intellectual growth and holistic development. As the University continues to broaden its academic horizons, it remains steadfast in its commitment to nurturing talent that contributes meaningfully to society and the global community.

The University successfully completed its second cycle of NAAC accreditation and was awarded an impressive A++ grade with a CGPA of 3.54. Following this achievement, it was accorded Category I status by the UGC, marking a significant milestone in its academic journey. More recently, the University has been ranked among the top 100 universities in the country by NIRF, securing the 89th position and securing 27th rank in the Pharmacy category. With a clear vision and collective determination, we now aspire to be counted among the top 50 Universities in the nation in the coming year.

It is worth highlighting that the National Education Policy (NEP) 2020 marks a transformative shift in India's education landscape, emphasising flexibility, inclusivity and a multidisciplinary approach. At the Central University of Rajasthan, we have proactively embraced these reforms by integrating innovative and learner-centric educational frameworks. In alignment with the vision of NEP 2020 to enhance access, flexibility and inclusivity in higher education, the University has recently launched Open and Distance Learning (ODL) and Online Programs (OP) — paving the way for wider outreach and greater opportunities for learners across diverse backgrounds.

Through these initiatives, the University now offers a diverse range of programs — including B.Sc. Computer Science, M.A. Economics, M.A. English, M.A. Hindi, M.Com, MBA, and M.Sc. Computer Science — thereby creating meaningful opportunities for learners who may not have access to traditional university settings but are eager to learn and grow. In addition, the University has established the Interdisciplinary School of Health Sciences to foster holistic healthcare education, research, and innovation. This

underscores our commitment to making quality education accessible to all, transcending the boundaries of geographical distance.

As the University continues to achieve new milestones in outreach education, its expanding physical infrastructure further reflects this growth. The addition of the new Academic Building 4A2 stands as a testament to the institution's dedication to creating a vibrant academic environment and meeting the evolving needs of its growing community.

Our research ecosystem has witnessed remarkable growth this year. Faculty members at CURaj secured 16 research projects amounting to ₹4,05,60,534 from premier funding agencies such as UGC, CSIR, ICMR, DST, and others. They also published 526 research papers in reputed journals, filed 11 patents, and had 29 patents granted. Each of these milestones reflects not only the dedication and excellence of individual researchers but also the strong culture of collaboration and innovation that defines CURaj.

Together, our faculty, research scholars and students are nurturing a vibrant research ecosystem — one where curiosity inspires discovery and discovery drives solutions that contribute meaningfully to society and the nation.

The University had the distinct honour of hosting Hon'ble Union Minister of Education, Shri Dharmendra Pradhan Ji, as the Chief Guest at its 9th Convocation Ceremony. The occasion was a moment of immense pride for the entire CURaj fraternity, as degrees were conferred upon 1,693 graduating students, including 94 Gold Medallists and 77 Ph.D. scholars.

On this momentous occasion, the Hon'ble Minister also inaugurated several key infrastructure projects aimed at enriching the academic and residential experience of our students. These included the NAAC Cell, new hostels and other essential facilities. Additionally, he laid the foundation for upcoming developments such as a student hostel, main university gate, internal sports complex, athletics track and hostel canteen — all of which mark a significant step forward in the University's journey of growth and excellence.

In the academic session 2024–25, the Central University of Rajasthan has placed a strong emphasis on innovation and entrepreneurship. In alignment with national priorities on skill development, technical education, and industry–academia collaboration, the University has partnered with the National Institute of Technical Teachers Training and Research (NITTTR), Bhopal. Through this collaboration, a series of specialised training modules and workshops have been organised, focusing on emerging technologies, instructional design, outcome-based education and digital tools for teaching and learning.

These initiatives are designed to empower educators with advanced skills and pedagogical competencies, enabling them to deliver high-quality education that aligns with global standards and prepares students for the rapidly evolving professional landscape.

As we look to the future, our vision remains to nurture an academically robust, socially conscious and globally connected University. We aspire for our students to carry forward the legacy of CURaj — not only through the knowledge they gain but also through the values they embrace and the life-lessons they learn — enabling them to make meaningful contributions to society and the world.

I express my heartfelt gratitude to our faculty, students, staff, alumni, stakeholders and well-wishers, who together form the very heart of this University. It is your dedication, commitment and belief in our shared mission that drive our progress. With this same spirit, I am confident that CURaj will continue to advance with courage, humility and hope, shaping a brighter future for all.

Prof. Anand Bhalerao
Vice-Chancellor
Central University of Rajasthan

The Vision, Mission, Goals, Objectives andQuality Statement

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's 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, while simultaneously acting as responsible citizens of the global community through 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's 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, emphasise 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 to 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 initiatives, 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 CURaj'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.	**School of Architecture**	Department of Architecture DOU Kaushal Kendra
2.	**School of Chemical Sciences and Pharmacy**	Department of Chemistry Department of Pharmacy
3.	**School of Commerce and Management**	Department of Commerce Department of Management
4.	**School of Engineering and Technology**	Department of Computer Science & Engineering Department of Electronics and Communication Engineering (ECE) Department of Biomedical Engineering Department of Vocational Studies and Skill Development
5	**School of Earth Sciences**	Department of Atmospheric Science Department of Environmental Science
6	**School of Life Sciences**	Department of Biochemistry Department of Biotechnology Department of Microbiology

7	**School of Humanities and Languages**	Department of English Department of Hindi Department of Linguistics
8	**School of Mathematics, Statistics and Computational Sciences**	Department of Computer Science Department of Data Science & Analytics Department of Mathematics Department of Statistics
9	**School of Social Sciences**	Department of Economics Department of Culture & Media Studies Department of Public Policy, Law and Governance Department of Social Work Department of Society - Technology Interface
10	**School of Sports Sciences, Yoga and Education**	Department of Sports Bio-Sciences Department of Sports Psychology Department of Sports Biomechanics Department of Yoga Department of Education
11	**School of Physical Sciences**	Department of Physics

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. 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 flawless 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-dam. 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 2024-25. The first table (Table No.-1) shows the details of admission in 60 different Integrated, and PG Programmes in reserved and unreserved categories. The second table (Table No.-2) depicts the number of admissions in 29 different Ph.D. programs of Central University of Rajasthan. The third table (Table No.-3) shows the gender distribution of the students hailing from 32 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 8th convocation.

Table No.1: Information regarding admissions in the academic year 2024-25

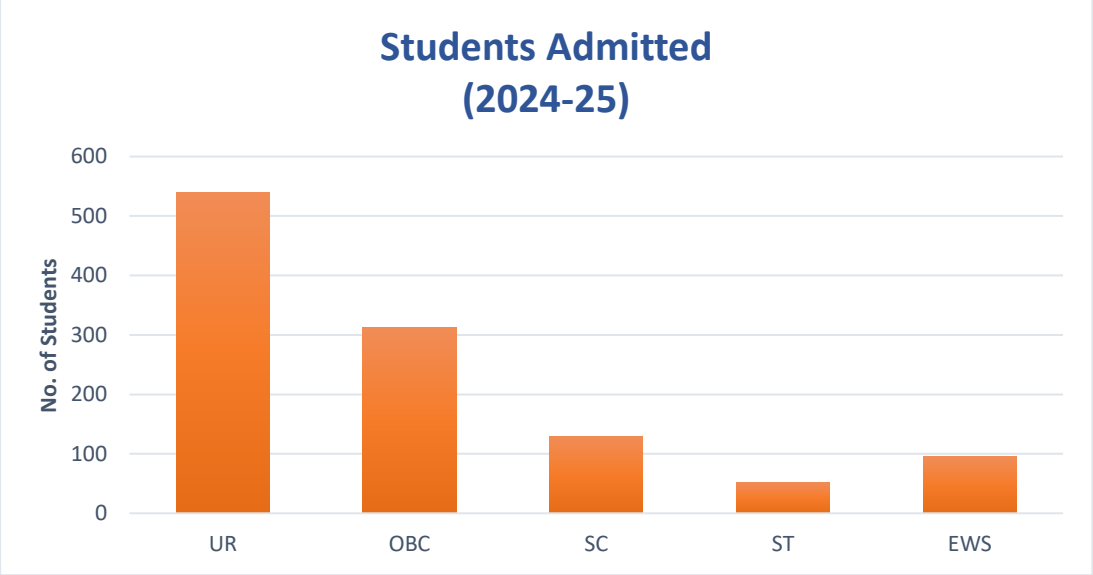
Admission 2024-25																	
S.No.	Name of the Programme	Total Intake						Admitted						Admitted Against UR			
		Intake	UR	OBC	SC	ST	EWS	UR	OBC	SC	ST	EWS	Total	OBC	SC	ST	EWS
1	B.Tech. Biomedical Engineering	30	13	8	4	2	3	8	2	0	1	0	11	4	1	0	0
2	B.Tech. Computer Science & Engineering	30	13	8	4	2	3	13	8	3	2	3	29	7	1	0	1
3	B.Tech. Electronics and Communication Engineering	30	13	8	4	2	3	9	5	1	1	0	16	5	0	0	1
4	B.Sc. B.Ed. (Integrated Teacher Education Programme)	50	21	13	7	4	5	20	8	6	4	4	42	7	0	0	3
5	B.Voc. (Interior Design)	30	13	8	4	2	3	3	2	1	0	0	6	2	0	0	1
6	B.Voc. (Robotics and Automation)	30	13	8	4	2	3	8	2	0	0	0	10	6	0	0	0
7	Four-year B.Sc. Biochemistry	33	14	9	5	2	3	14	9	5	2	3	33	4	0	0	2
8	Four-year B.Sc. Biotechnology	33	14	9	5	2	3	11	9	6	4	3	33	3	0	0	0
9	Four-year B.Sc. Chemistry	30	13	8	4	2	3	13	8	4	1	3	29	4	0	0	1
10	Four-year B.Sc. Computer Science	33	14	9	5	2	3	14	9	5	2	3	33	11	0	0	1
11	Four-year B.Sc. Economics	35	15	9	5	3	3	15	9	1	1	3	29	9	0	1	1

12	Four-year B.Sc. Environmental Science	33	14	9	5	2	3	14	9	4	1	0	28	8	0	0	0
13	Four-year B.Sc. Linguistics	30	13	8	4	2	3	7	8	3	1	0	19	5	2	0	0
14	Four-year B.Sc. Mathematics	30	13	8	4	2	3	11	8	5	2	4	30	9	0	0	0
15	Four-year B.Sc. Microbiology	33	14	9	5	2	3	12	9	4	2	5	32	6	0	0	1
16	Four-year B.Sc. Physics	30	13	8	4	2	3	13	8	4	0	3	28	8	1	0	0
17	Four-year B.Sc. Statistics	35	15	9	5	3	3	15	9	5	0	2	31	7	0	0	2
18	Four-year B.Sc. Cardiology	30	13	8	4	2	3	11	8	4	2	5	30	6	1	0	1
19	Four-year Bachelor of Hotel Management and Catering Technology	30	13	8	4	2	3	2	8	0	0	0	10	1	0	0	0
20	M.Sc. B.Ed. (Innovative) Chemistry	30	13	8	4	2	3	13	8	4	1	3	29	9	0	0	2
21	M.Sc. B.Ed. (Innovative) Economics	30	13	8	4	2	3	11	8	1	1	1	22	4	1	0	2
22	M.Sc. B.Ed. (Innovative) Mathematics	30	13	8	4	2	3	13	7	4	1	3	28	9	0	0	1
23	M.Sc. B.Ed. (Innovative) Physics	30	13	8	4	2	3	10	8	4	2	2	26	4	0	0	1
24	M.Com.	30	13	8	4	2	3	11	6	0	0	1	18	2	1	0	0
25	M.A. Culture & Media Studies	33	14	9	5	2	3	13	1	0	0	1	15	2	1	0	1
26	M.A. Economics	30	13	8	4	2	3	11	7	1	2	3	24	3	0	0	0
27	M.A. English	35	15	9	5	3	3	12	9	3	2	3	29	0	1	0	1
28	M. A. Education	20	9	5	3	1	2	2	0	0	0	0	2	1	0	0	0
29	M.A. Hindi	30	13	8	4	2	3	8	6	3	0	1	18	5	1	1	1
30	M.A. PPLG	25	10	7	4	2	2	9	6	4	1	0	20	5	0	0	1
31	M.A/M.Sc. Sports Psychology	15	7	4	2	1	1	4	3	0	0	1	8	0	0	0	0
32	M.Pharm. (Pharmaceutical Chemistry)	15	7	4	2	1	1	6	4	1	0	1	12	2	0	0	1
33	M.Pharm. (Pharmaceutics)	15	7	4	2	1	1	6	4	2	0	2	14	1	0	0	0
34	M.Pharm. (Pharmacology)	15	7	4	2	1	1	5	4	2	1	1	13	1	0	0	1

35	M.Sc. Atmospheric Science	30	13	8	4	2	3	12	3	0	0	0	15	6	0	0	0
36	M.Sc. Biochemistry	25	10	7	4	2	2	7	7	4	1	2	21	0	0	0	1
37	M.Sc. Chemistry	25	10	7	4	2	2	10	5	3	1	2	21	2	0	0	0
38	M.Sc. Computer Science	25	10	7	4	2	2	9	7	2	0	1	19	4	0	0	0
39	M.Sc. Computer Science (Big Data Analytics)	50	21	13	7	4	5	16	6	2	0	4	28	8	0	2	0
40	M.Sc. Digital Society	30	13	8	4	2	3	7	0	0	0	0	7	2	1	0	0
41	M.Sc. Environmental Science	28	11	8	4	2	3	10	6	2	0	2	20	7	0	0	0
42	M.Sc. Mathematics	30	13	8	4	2	3	12	7	4	2	3	28	6	0	0	2
43	M.Sc. Microbiology	25	10	7	4	2	2	7	7	4	1	2	21	0	0	0	1
44	M.Sc. Physics	23	10	6	3	2	2	7	5	2	2	2	18	0	0	0	0
45	M.Sc. Sports Biochemistry	15	7	4	2	1	1	0	0	0	0	0	0	0	0	0	0
46	M.Sc. Sports Biomechanics	10	4	3	1	1	1	0	0	0	0	0	0	0	0	0	0
47	M.Sc. Sports Nutrition	15	7	4	2	1	1	6	1	1	0	0	8	2	0	0	0
48	M.Sc. Sports Physiology	15	7	4	2	1	1	2	0	0	0	0	2	0	0	0	0
49	M.Sc. Statistics	25	10	7	4	2	2	8	5	1	1	2	17	2	0	0	1
50	M.Sc. Yoga Therapy	40	16	11	6	3	4	16	3	0	0	1	20	1	1	2	0
51	M.Tech. Computer Science (Cyber Physical System)	15	7	4	2	1	1	1	0	0	0	0	1	0	0	0	0
52	Master of Social Work	35	15	9	5	3	3	11	9	2	2	3	27	5	0	0	0
53	MBA	35	15	9	5	3	3	15	9	4	3	3	34	4	0	0	5
54	PG Diploma in Media Writing and Digital Communication	20	9	5	3	1	2	0	0	0	0	0	0	0	0	0	0
55	M.Sc. Biotechnology	25	10	7	4	2	2	10	5	2	2	3	22	1	0	0	0
56	M.Arch. (Sustainable Architecture)	15	7	4	2	1	1	2	0	0	0	0	2	0	1	0	0
57	M.Tech. Computer Science & Engineering	23	10	6	3	2	2	7	2	0	0	0	9	0	0	0	0

58	M.Sc. Medical Laboratory Technology	30	13	8	4	2	3	12	1	2	0	0	15	6	1	0	1
59	M.Sc. Neuroscience	30	13	8	4	2	3	5	5	4	0	1	15	1	0	0	0
60	M.A. Theatre and Performing Arts	50	21	13	7	4	5	0	0	0	0	0	0	0	0	0	0
Total		**1687**	**723**	**451**	**237**	**120**	**156**	**539**	**312**	**129**	**52**	**95**	**1127**	**217**	**15**	**6**	**38**

Table No. 1 (above) depicts that a total of 1127 students took admission in the academic session 2024-25. Out of this, 539 students (47.82%) belong to unreserved, 312 students (27.68%) belong to OBC category, 129 students (11.44%) were from SC category, 52 students (4.61%) from ST category, 95 students (8.42%) from EWS category. The table also shows that 276 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 2024-25, 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 2024-25

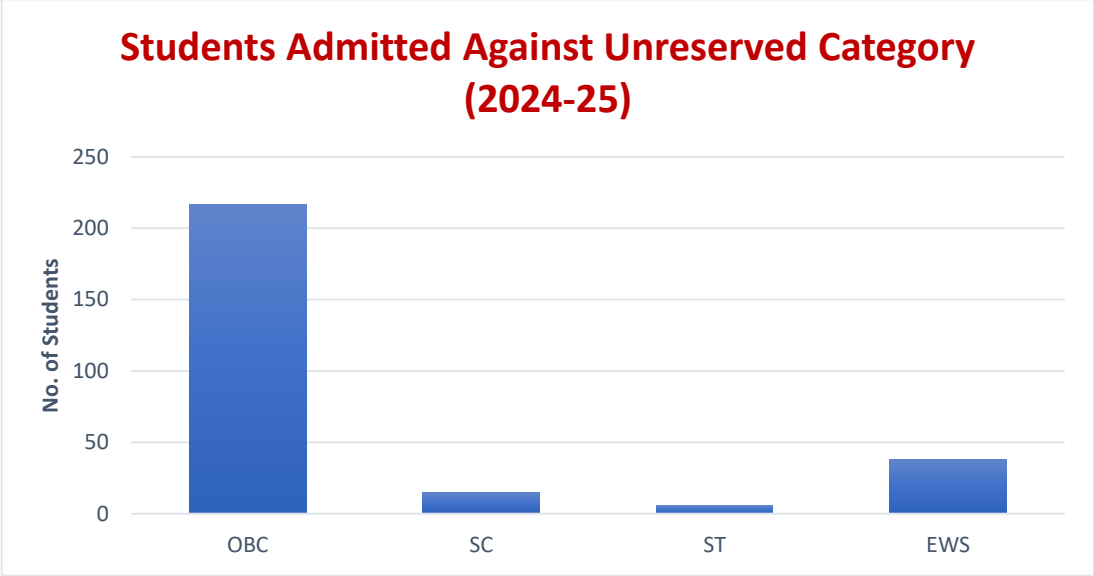


Fig 2: Number of students admitted against unreserved category in academic year 2024-25

Table No. 2: Information regarding admissions in Ph. D. Programme in Academic Session 2024-25

Ph.D. Admission 2024-25								
S. No.	Programme Name	Seat Intake	Category wise admitted					Total
			GEN	OBC	SC	ST	EWS	
1	Ph.D. Architecture	3	0	0	0	0	0	0
2	Ph.D. Atmospheric Science	9	0	0	0	0	0	0
3	Ph.D. Biochemistry	7	1	1	0	0	1	3
4	Ph.D. Biotechnology	4	0	1	1	0	0	2
5	Ph.D. Chemistry	24	7	0	0	0	1	8
6	Ph.D. Commerce	4	1	1	0	0	0	2
7	Ph.D. Computer Science	12	0	1	0	0	0	1
8	Ph.D. Computer Science and Engineering	11	0	0	0	0	0	0
9	Ph.D. Culture and Media Studies	4	2	0	0	0	0	2
10	Ph.D. Digital Society	11	3	1	0	0	0	4
11	Ph.D. Data Science & Analytics	8	0	0	0	0	0	0

12	Ph.D. Economics	3	1	1	1	0	0	3
13	Ph.D. Education	16	4	3	2	0	1	10
14	Ph.D. Electronics and Communication Engineering	10	0	0	0	0	0	0
15	Ph.D. English	6	2	1	0	0	1	4
16	Ph.D. Environment Science	10	1	2	1	1	0	5
17	Ph.D. Hindi	7	2	4	2	1	1	10
18	Ph.D. Linguistics	4	1	1	0	1	0	3
19	Ph.D. Management	3	1	0	0	0	0	1
20	Ph.D. Mathematics	8	2	3	0	0	1	6
21	Ph.D. Microbiology	6	1	1	0	0	0	2
22	Ph.D. Pharmacy	19	5	2	2	1	0	10
23	Ph.D. Physics	14	3	1	0	0	0	4
24	Ph.D. Public Policy, Law and Governance	6	0	4	1	0	1	6
25	Ph.D. Social Work	11	3	0	0	0	0	3
26	Ph.D. Statistics	16	5	2	1	0	0	8
27	Ph.D. Yoga	3	1	1	0	0	1	3
28	Ph.D. Sports Biosciences	2	0	0	0	0	0	0
29	Ph.D. Sports Psychology	2	0	0	0	0	0	0
Total		**243**	**46**	**31**	**11**	**4**	**8**	**100**

According to Table No. 2, a total of 100 students were provided seats for admission in the Ph.D. programme in 29 departments in the year 2024-25 through the exam conducted by the Central University of Rajasthan. A total of 243 seats were advertised in 29 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.

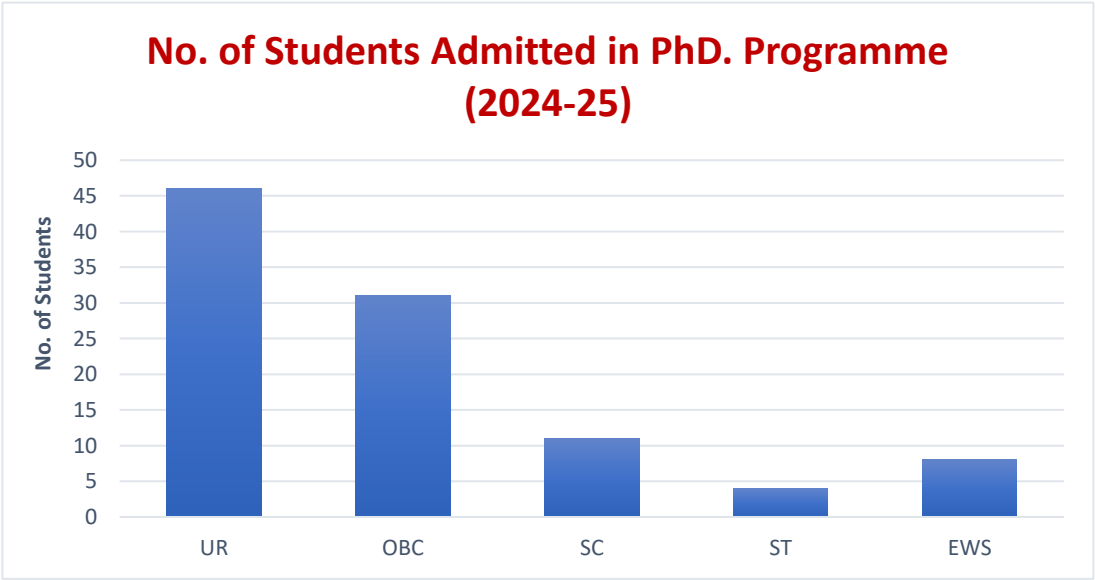


Fig 3: Number of students admitted in Ph.D. programme in academic year 2024-25

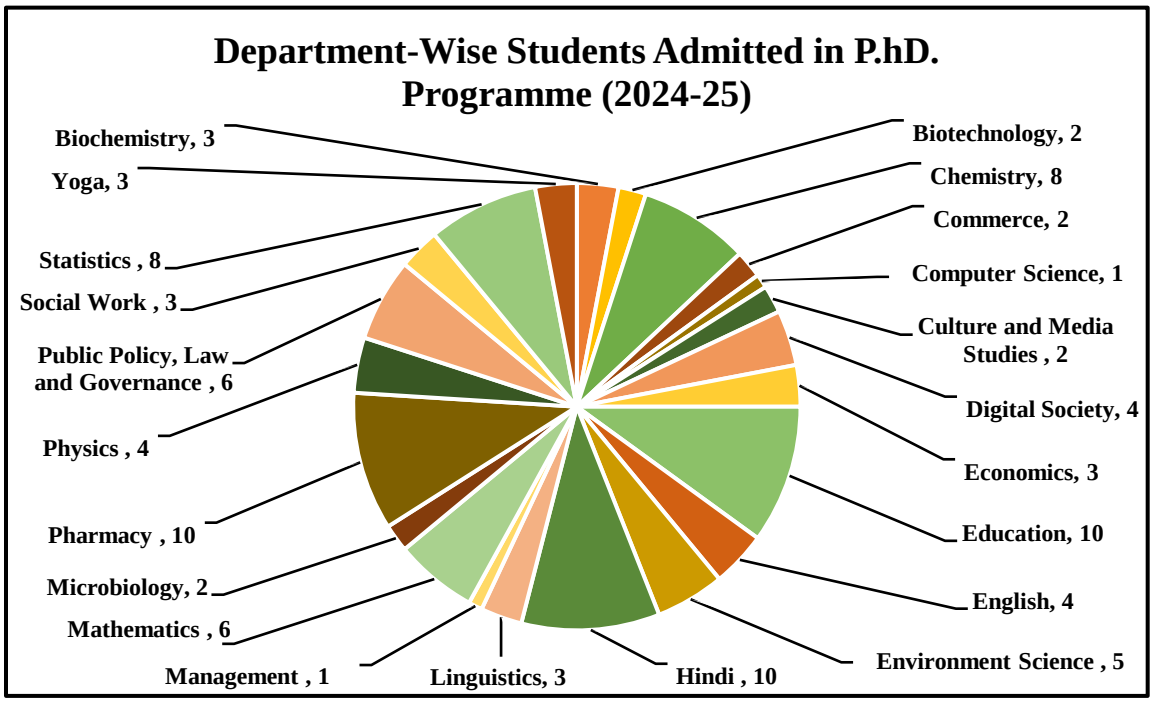


Fig 4: Department-wise students admitted in Ph.D. programme in academic year 2024-25

Table No. 3: State-wise distribution, according to gender of the students in all the programmes admitted up to Academic Session 2024-25

State wise students enrolled (As on 31.03.2025)																					
State	B.Tech		B.Sc. B.Ed. (UG)		Integrated M.Sc 5Yrs		M.Sc. B.Ed (Innovative) 3 yrs		M.Arch and M.Tech		MBA		PG		NEW (2024-25)		Ongoing		TOTAL		TOTAL	%
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male		
Andhra pradesh	0	2	0	0	2	8	1	0	0	0	0	0	1	5	4	6	4	15	8	21	29	1.05
Arunachal pradesh	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	2	0.07
Assam	0	1	0	0	5	3	0	1	0	0	1	4	3	1	8	4	9	10	17	14	31	1.12
Bihar	3	13	1	3	32	64	1	8	0	0	0	0	16	18	31	60	53	106	84	166	250	9.04
Chattisgarh	0	1	0	0	0	2	0	0	0	0	0	0	3	1	7	4	3	4	10	8	18	0.65
Delhi	2	3	1	1	4	6	1	1	0	0	0	1	9	2	6	12	17	14	23	26	49	1.77

Foregin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0.04
Himachanl pardesh	0	0	0	0	1	0	0	0	0	0	0	1	4	0	5	2	5	1	10	3	13	0.47
Goa	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0.04
Gujarat	0	1	0	0	1	0	0	0	0	0	0	1	1	1	3	2	2	3	5	5	10	0.36
Haryana	3	4	0	0	7	15	6	1	2	0	1	2	6	5	14	16	25	27	39	43	82	2.96
Jammu & kashmir	0	1	0	0	3	5	0	0	0	0	0	0	2	0	1	0	5	6	6	6	12	0.43
Jharkhand	0	3	0	0	8	15	1	2	0	0	0	1	8	3	11	8	17	24	28	32	60	2.17
Karnataka	1	2	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	3	2	4	6	0.22
Kerala	0	0	0	0	13	22	4	3	0	0	0	1	19	18	40	29	36	44	76	73	149	5.38
Ladakh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Madhyapradesh	1	3	2	1	5	2	1	3	0	0	1	0	3	7	5	7	13	16	18	23	41	1.48
Maharashtra	2	2	0	0	0	4	0	1	1	0	0	0	0	5	2	9	3	12	5	21	26	0.94
Manipur	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	2	2	0.07
Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0.04
Meghalaya	0	0	0	0	1	1	0	0	0	0	0	0	2	0	0	0	3	1	3	1	4	0.14
Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Odisha	0	0	2	2	5	6	5	21	0	0	0	0	6	4	15	31	18	33	33	64	97	3.51
Punjab	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	2	1	3	1	4	0.14
Rajasthan	14	70	13	14	201	299	45	93	1	2	3	5	84	85	226	372	361	568	587	940	1527	55.19
Tamilnadu	0	0	0	0	1	3	0	0	0	0	0	0	0	1	0	1	1	4	1	5	6	0.22
Telangana	0	7	0	0	6	4	0	1	0	0	0	1	4	2	1	4	10	15	11	19	30	1.08
Tripura	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	1	0	2	2	4	0.14
Uttarpradesh	2	12	0	0	21	34	3	6	2	1	0	8	23	29	46	58	51	90	97	148	245	8.85

Uttarakhand	0	0	0	1	2	1	0	0	0	0	0	0	4	2	5	5	6	4	11	9	20	0.72
Dadra and nagar haveli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
West bengal	1	2	0	0	3	8	0	0	0	0	0	0	1	3	14	15	5	13	19	28	47	1.70
Total	**29**	**127**	**19**	**22**	**325**	**504**	**68**	**142**	**6**	**3**	**6**	**25**	**200**	**193**	**448**	**650**	**653**	**1016**	**1101**	**1666**	**2767**	

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 2024-25. 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.

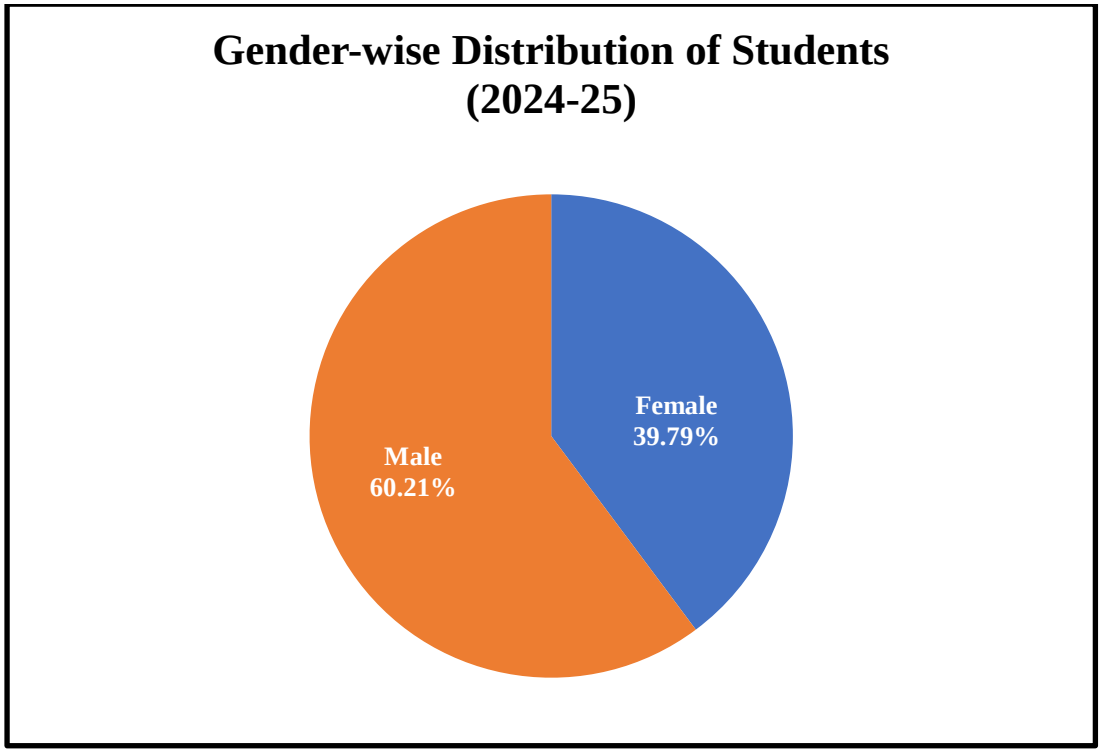


Fig 5: Gender-wise distribution of students admitted up to academic year 2024-25.

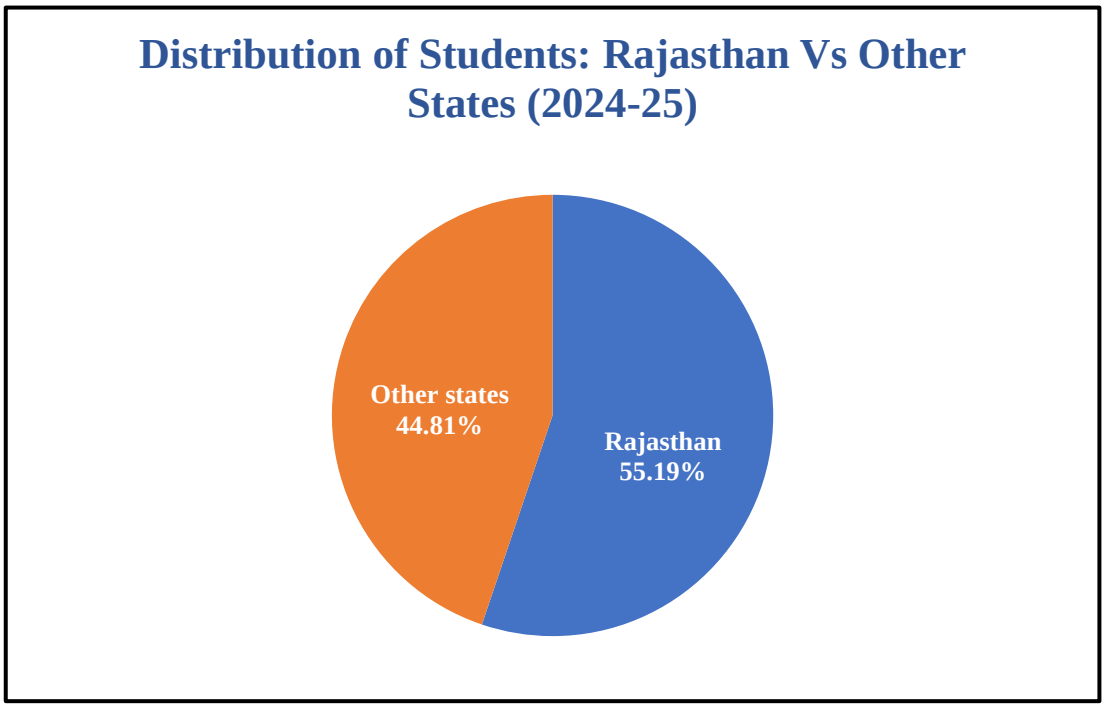


Fig 6: Percentage of students from Rajasthan Vs other states up to academic year 2024-25.

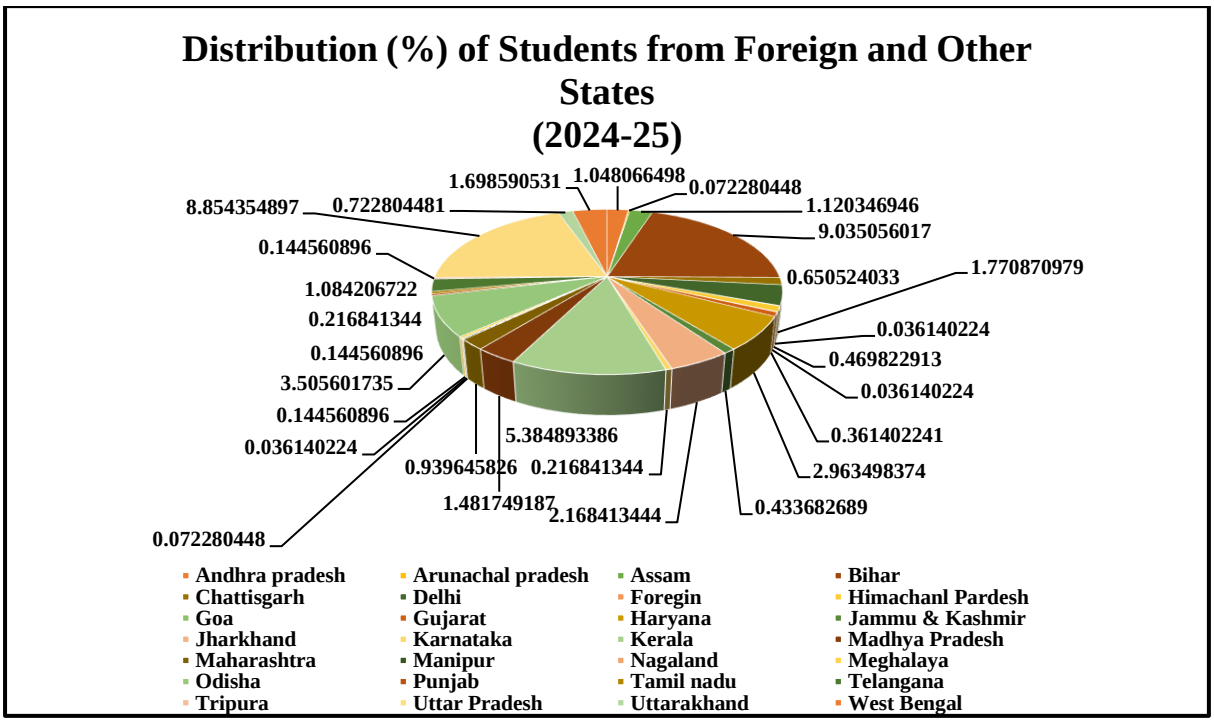


Fig 7: Percentage of students from foreign and other states (other than Rajasthan) up to academic year 2024-25.

The following table (No-4) shows the name of the students who stood first in the final examination in the year 2024 and 2025 (pass out batch) 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 A: List of Students who secured first position in 2024

(The students received the Gold Medal in the 9th Convocation)

S. No.	Enrol. No.	Name of Student	Programme	Department
1	2022MARCH004	Parvadhavarthini T	M. Arch. (Sustainable Architecture)	Architecture
2	2022MSATS001	Alfred Thomas Jose	M.Sc. (Atmospheric Science)	Atmospheric Science
3	2022MSBC016	Shubhi Bindal	M.Sc. (Biochemistry)	Biochemistry
4	2019IMSBC005	Ayushi Kaushik	Int. M. Sc. (Biochemistry)	Biochemistry
5	2020BTBME001	Aman Krishna Sahu	B.Tech. (Biomedical Engineering)	Biomedical Engineering
6	2022MSBT008	Karan Singh Chauhan	M.Sc. (Biotechnology)	Biotechnology
7	2019IMSBT030	Sohail Tanveer	Int. M. Sc. (Biotechnology)	Biotechnology
8	2022MSCH020	Rupika Jain	M.Sc. (Chemistry)	Chemistry
9	2019IMSCH010	Deepanshi	Int. M.Sc. (Chemistry)	Chemistry
10	2021IMSBCH002	Aastha Sharma	M.Sc. B.Ed. (Innovative) Chemistry	Chemistry
11	2022MCOM006	Deepanshi Jain	M. Com.	Commerce
12	2022MSCS006	Charul Mertia	M.Sc. (Computer Science)	Computer Science
13	2022MTCPS006	Writi Basu	M.Tech. (Computer Science (Cyber Physical System))	Computer Science
14	2019IMSCS012	Harsh Sharma	Int. M.Sc. (Computer Science)	Computer Science
15	2020BTCSE027	Tanishq Rajput	B.Tech. (Computer Science & Engineering)	Computer Science & Engineering
16	2022MTCSE004	Harshil Sharma	M. Tech. (Computer Science and Engineering)	Computer Science and Engineering
17	2022MACMS016	Yashaswini Kaushal	M.A. (Culture and Media Studies)	Culture and Media Studies

18	2022MSBDA034	Tuba Firdoush	M.Sc. (Computer Science (Big Data Analytics))	Data Science and Analytics
19	2022MAE006	Inakshi Goyal	M.A. (Economics)	Economics
20	2019IMSEC019	Ravindra Dan	Int. M. Sc. (Economics)	Economics
21	2021IMSBEC015	Manobal Kumar	M.Sc. B.Ed. (Innovative) Economics	Economics
22	2022MAED003	Smrutilipi Nayak	M.A. (Education)	Education
23	2020BTECE006	Hitesh Tanwar	B.Tech. (Electronics & Communication Engineering)	Electronics and Communication Engineering
24	2022MAEN024	Archisha Singh	M.A. (English)	English
25	2022MSES020	Ms. Bhavya Swami	M.Sc. (Environmental Science)	Environmental Science
26	2019IMSES020	Prakriti Goswami	Int. M. Sc. (Environmental Science)	Environmental Science
27	2022MAH004	Geeta Kumari	M.A. (Hindi)	Hindi
28	2019IMSLI015	Punam Silu	Int. M.Sc. (Linguistics)	Linguistics
29	2022MBA035	Sakshi Rani	MBA	Management
30	2019IMSMT018	Saloni	Int. M. Sc. (Mathematics)	Mathematics
31	2022MSMT021	Swastika Sinha	M.Sc. (Mathematics)	Mathematics
32	2021IMSBMT020	Preeti Yadav	M. Sc. B.Ed. (Innovative) Mathematics	Mathematics
33	2022MSMB020	Arunima	M. Sc. (Microbiology)	Microbiology
34	2022MPPC007	Malti Thakur	M. Pharm. (Pharmaceutical Chemistry)	Pharmacy
35	2022MPP005	Pallem Karthikeya Lalitha Siddhartha	M. Pharm (Pharmaceutics)	Pharmacy
36	2022MSPH004	Bharavi Snehil Khatri	M.Sc. (Physics)	Physics
37	2019IMSPH003	Amlan Mishra	Int. M. Sc. (Physics)	Physics
38	2021IMSBPH024	Shivani Aggarwal	M. Sc. B.Ed. (Innovative) Physics	Physics
39	2022MPPLG021	Shyam Babu	M.A. (Public Policy, Law and Governance)	Public Policy, Law & Governance

40	2022MSW027	Shivangi Johri	Master of Social Work	Social Work
41	2022MSDS011	Yamini Parashar	M.Sc. (Digital Society)	Society Technology Interface
42	2022MSSBM004	Tim S Babu	M.Sc. (Sports Biomechanics)	Sports Biomechanics
43	2022MSSN009	Pankaj Kumar	M.Sc. (Sports Nutrition)	Sports Bio-Sciences
44	2022MSSBC004	Shivani Singh	M.Sc. (Sports Biochemistry)	Sports Bio-Sciences
45	2022MSSP001	Ajaay Srinivaas R	M.Sc. (Sports Physiology)	Sports Bio-Sciences
46	2022MSSPSY005	Malayika Gupta	M.Sc. (Sports Psychology)	Sports Psychology
47	2022MSST014	Sunil	M.Sc. (Statistics)	Statistics
48	2022DYPM001	Abhishek Shukla	Diploma in Yoga and Pain Management	Vocational Studies and Skill Development
49	2022MSYT007	Nikita	M.Sc. (Yoga Therapy)	Yoga

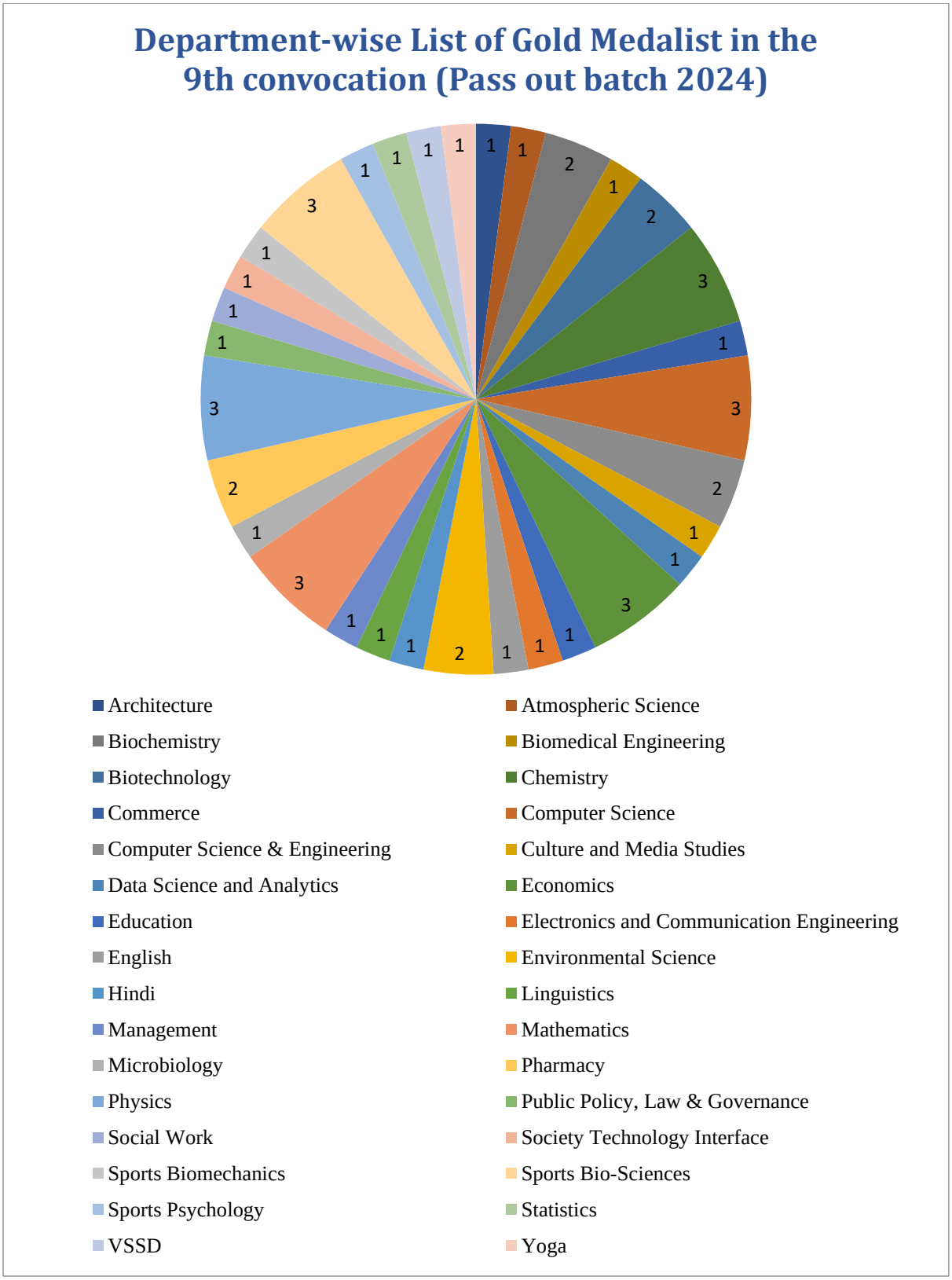


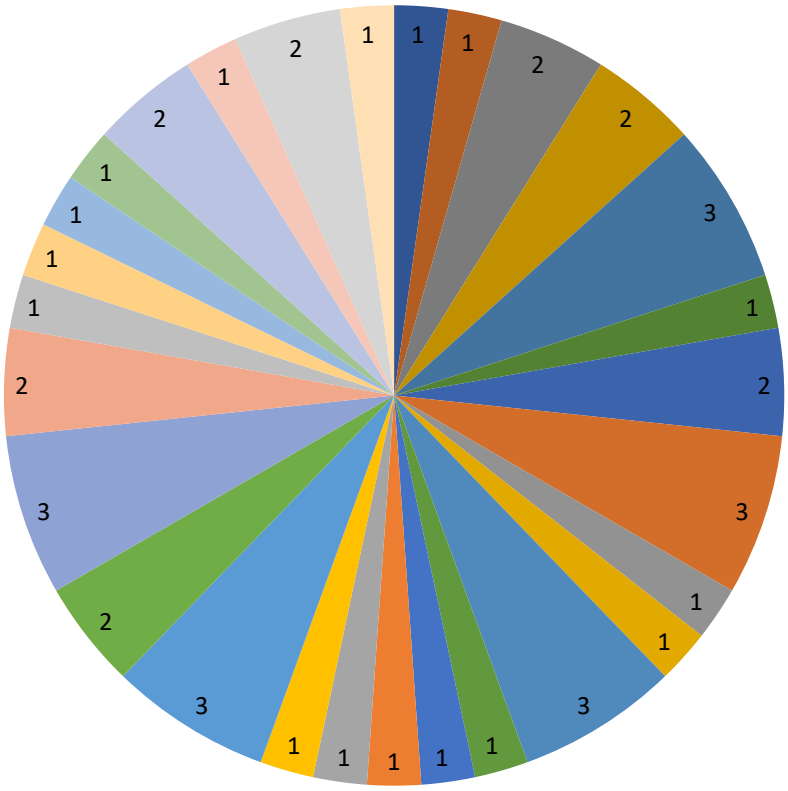
Fig 8 A: Department-wise List of Gold Medalist (pass out batch 2024).

Table No. 4 B: List of Students secured first position in the year 2025

S. No.	Enrolment No	Name of Student	Programme	Department
1	2023MARCH002	Kritika Singh	M.Arch. (Sustainable Architecture)	Architecture
2	2023MSATS013	Pridhui Devi M S	M.Sc. Atmospheric Science	Atmospheric Science
3	2023MSBC024	Akshanshik Kumar	M.Sc. Biochemistry	Biochemistry
4	2020IMSBC009	Isha Soni	Integrated M.Sc. Biochemistry	Biochemistry
5	2023MSBT026	Nitya Sharma	M.Sc. Biotechnology	Biotechnology
6	2020IMSBT021	Mariyam Farhin	Integrated M.Sc. Biotechnology	Biotechnology
7	2022IMSBCH005	Khushboo Gurjar	M.Sc. B.Ed. (Innovative) Chemistry	Chemistry
8	2023MSCH007	Devesh Chaturvedi	M.Sc. Chemistry	Chemistry
9	2020IMSCH011	Dashrath Choudhary	Integrated M.Sc. Chemistry	Chemistry
10	2023MCOM013	Neeraj Sharma	M.Com	Commerce
11	2023MSCS006	Juhi Chaudhary	M.Sc. Computer Science	Computer Science
12	2020IMSCS004	Amulya Kumar Padhan	Integrated M.Sc. Computer Science	Computer Science
13	2023MTCSE003	Swati	M. Tech Computer Science & Engineering	Computer Science & Engineering
14	2021BTCSE014	Pragya Richa	B.Tech. Computer Science & Engineering	Computer Science & Engineering
15	2023MTCPS001	Vipul Bansal	M.Tech. CS (Cyber Physical System)	Computer Science and Engineering
16	2023MACMS002	Ankita Yadav	M.A. Culture & Media Studies	Culture & Media Studies
17	2023MSBDA011	Himanshu	M.Sc. CS (Big Data Analytics)	Data Science and Analytics
18	2023MAE018	Hridhya Suresh	M.A. Economics	Economics
19	2022IMSBEC020	Yashi Sharma	M.Sc. B.Ed. (Innovative) Economics	Economics
20	2020IMSEC011	Harsh Pareek	Integrated M.Sc. Economics	Economics
21	2021BTECE007	Jitendra Sharma	B.Tech. Electronics & Communication Engineering	Electronics & Communication Engineering
22	2023MAEN003	Ananya Rajouria	M.A. English	English

23	2023MSES009	Kumari Aditi	M.Sc. Environmental Science	Environmental Science
24	2023MAH003	Ishwar Lal	M.A. Hindi	Hindi
25	2023MBA021	Ronit Hareshbhai Sakhiya	MBA	Management
26	2023MSMT026	Tanmay Saini	M.Sc. Mathematics	Mathematics
27	2022IMSBMT023	Vishnu Kumar Pareek	M.Sc. B.Ed. (Innovative) Mathematics	Mathematics
28	2020IMSMT016	Radhika Panchariya	Integrated M.Sc. Mathematics	Mathematics
29	2023MSMB006	Anupam	M.Sc.Microbiology	Microbiology
30	2020IMSMB004	Asritha A P	Integrated M.Sc. Microbiology	Microbiology
31	2023MPPC014	Somya Upadhyay	M.Pharm (Pharmaceutical Chemistry)	Pharmacy
32	2023MPP003	Deepali Sharma	M.Pharm (Pharmaceutics)	Pharmacy
33	2023MPPL012	Shania Mehra	M.Pharm (Pharmacology)	Pharmacy
34	2022IMSBPH017	Rakesh Kumar Sharma	M.Sc. B.Ed. (Innovative) Physics	Physics
35	2023MSPH013	Manish Singh	M.Sc. Physics	Physics
36	2023MPPLG011	Drashti Jain	M.A. Public Policy, Law & Governance	Public Policy, Law & Governance
37	2023MSW013	KM Suman	Master of Social Work	Social Work
38	2023MSDS013	Taniya Shree	M.Sc. Digital Society	Society- Technology Interface
39	2023MSSBM001	Lokendra Singh Shekhawat	M.Sc. Sports Biomechanics	Sports Biomechanics
40	2023MSSN001	Akshaya Jain	M. Sc. Sports Nutrition	Sports Bio-Sciences
41	2023MSSBC001	Atinarapu Bhanu	M.Sc. Sports Biochemistry	Sports Bio-Sciences
42	2023MSSPSY006	Neha Gurbaxani	M.Sc. Sports Psychology	Sports Psychology
43	2023MSST010	Rishika Lodha	M.Sc. Statistics	Statistics
44	2020IMSST012	Khushi Jain	Integrated M.Sc. Statistics	Statistics
45	2023MSYT021	Vartika	M.Sc. Yoga Therapy	Yoga

Department-wise number of Gold Medalist in the 9th convocation (Pass out batch 2025)



- Architecture
- Atmospheric Science
- Biochemistry
- Biotechnology
- Chemistry
- Commerce
- Computer Science
- Computer Science & Engineering
- Culture & Media Studies
- Data Science and Analytics
- Economics
- Electronics & Communication Engineering
- English
- Environmental Science
- Hindi
- Management
- Mathematics
- Microbiology
- Pharmacy
- Physics
- Public Policy, Law & Governance
- Social Work
- Society- Technology Interface
- Sports Biomechanics
- Sports Bio-Sciences
- Sports Psychology
- Statistics
- Yoga

Fig 8 B: Department-wise List of Gold Medalist (Pass out Batch 2025)

Table No. 5: Convocation-wise break-up of Degrees 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 / Diploma	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 (01-03-2025)	87	22	483	208	53	35	31	10	32	131	18	204	199	1	1514
IX (19-06-205)	77	18	535	203	66	48	08	-	63	288	94	200	153	17	1770
Total															7677

The details given in the table represents the data till the 9th convocation. In the 9th Convocation, tentatively 77 Ph.D. Scholars and 1693 UG/PG students received their degrees as per the information available during the year under report 2024-25.

Table No. 6 A: List of students (passed in 2024) awarded degrees under different programs

M.A. / MBA/ MCom/ M.Arch.		M.Sc.		M. Tech./Sports		Int. M.Sc.		Int. M.Sc. B.Ed.		B. Sc.	B. Tech.	Ph.D.	Total
CMS	13	Atmospheric Science	23	CSE	10	NA				125	48		
Economics	18	Biochemistry	21	Sports Nutrition	15	Biochemistry	17	NA		NA	NA	-	
English	23	Biotechnology	19	Sports Biochemistry	03	Biotechnology	12						
Hindi	26	Chemistry	22			Chemistry	15	Chemistry	27				
PPLG	18	Computer Science	16	MSSBM		Computer Science	14	NA					
MSW	23	CS (Big Data Analytics)	46	Sports Physiology	16	Economics	16	Economics	23				
Diploma	17	EVS	15			Environmental Science	14	NA					
M. Arch	05	Digital Society	12	Sports Psychology		NA							
MBA	33	Mathematics	18	MTCPS	3	Mathematics	14	Mathematics	25				
Commerce	24	Microbiology	22			Microbiology	20	NA					

Education	3	Pharmacy	19			NA							
		Physics	19			Physics	17	Physics	25				
		Statistics	17			Statistics	12	NA					
		Yoga	23			Lingustics 08							
Total	**203**		**292**		**52**		**159**		**100**	**125**	**48**	**-**	**979**

N.A.= Not Applicable

Table 6 A shows the number of students who were awarded 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 79 students were awarded MA degree under various programmes and 292 students were awarded M.Sc. degree from 14 different programme. Similarly, 52 students were awarded M. Tech. / M.Sc. Sports degree, under two different schemes, and 159 students were awarded Integrated M.Sc. from 11 different programmes. A total of 100 students were awarded with Integrated M.Sc. B. Ed degree.

Table No. 6 B: List of students (passed in 2025) awarded degrees under different programs

M.A.		M.Sc.		M. Tech./Sports		Int. M.Sc.		Int. M.Sc. B.Ed.		B. Sc.	B.Tech.	Ph.D.	Total
CMS	08	Atmospheric Science	11	CSE	4	NA				28	46		
Economics	08	Biochemistry	21	Sports Nutrition	6	Biochemistry	12	NA					
English	16	Biotechnology	22	Sports Biochemistry	2	Biotechnology	8						
Hindi	16	Chemistry	13	Sports Biomechanics	01	Chemistry	12	Chemistry	27				
PPLG	11	Computer Science	08			Computer Science	16	NA					
MSW	20	CS (Big Data Analytics)	21	Sports Physiology	1	Economics	11	Economics	21				
B. Des.		EVS	18	Sports Psychology	06	Environmental Science	15	NA		NA	NA	77	
M. Arch	03	Digital Society	13			NA							
MBA	33	Mathematics	19	MTCPS	1	Mathematics	11	Mathematics	26				
Commerce	24	Microbiology	19			Microbiology	10	NA					
Education		Pharmacy	44			NA							
		Physics	17			Physics	10	Physics	26				
		Statistics	08			Statistics	13	NA					
		Yoga	17			Lingustics 11							
Total	**139**		**251**		**21**		**129**		**100**	**28**	**46**	**77**	**791**

Table 6 B shows the number of students who were awarded 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 79 students were awarded MA degree under various programmes and 251 students were awarded M.Sc. degree from different programme. Similarly, 21 students were awarded M. Tech. / M.Sc. Sports degree, under two different schemes, and 129 students were awarded Integrated M.Sc. from 11 different programmes. A total of 100 students were awarded with 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 participates in different rankings of India.

1. National Institutional Ranking Framework (NIRF)

Central University of Rajasthan scale new heights. In the NIRF Ranking 2025, the university achieved 89th position in the overall university ranking and secured the 27th 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 04th September 2025.

COLLABORATION

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

Table No. 7: List of MoU's with Indian Institutions/ Universities

Year	Indian Institutions / Universities	Signed	Validity (from the date of signing MoU's)
2024	Indian Council of World Affairs (ICWA), New Delhi	July 2024-June 2025	3 years
2024	Department of Biotechnology, Ministry of Science & Technology, New Delhi	July 2024-June 2025	3 years
2024	Space Physics Laboratory, ISRO	July 2024-June 2025	2 years

2025	Metal Scrap Trade Corporation Limited (MSTC), Kolkata	July 2024-June 2025	5 years
2025	University Grant Commission	July 2024-June 2025	1 year
2025	Tri-Partite Memorandum of Understanding (MoU) between Central Universities (Autonomous Bodies), University Grants Commission (UGC) and Ministry of Education	July 2024-June 2025	1 year (This MoU is executed each year)
2025	Department of Empowerment of Persons with Disabilities	July 2024-June 2025	5 years

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

Year	International	Signed/w.e.f.	Validity (from the date of signing MoU's)
2024	Tula State University, Russia	July 2024-June 2025	5 years

INTERNATIONALIZATION

Internationalization of education is an integral part in the National Education Policy, 2020 formulated by the Government of India. Central University of Rajasthan (CURAJ) 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/M.Sc. scholars at Central University of Rajasthan

S. No.	Name of the Student	Country	Department	Admission through
1	Navojit Das	Bangladesh	Computer Science and Engineering (CSE)	SII (Study in India) fellowship by Govt. of India

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 (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Year of Award	Funds provided (INR in lakhs)	Duration of the project
Actionable Research on Circulating and Ecological Sphere (CES) Model	Dr. Devesh Sharma	IGES, Japan	Non-Government	2025	38.75	1 year

Development in Ajmer						
Co-PI of the project entitled System for monitoring and intellectual analysis of web "Safe web space" under the DST funded Indo-Belarus Joint research programme. Project funding: Rs.13,12,480	Dr. Nishtha Kesswani (Co-PI)	DST	Government	2023	13.12	2 years
Development and study of methods for reliability enhancement of tethered high-altitude unmanned telecommunication platforms	Dr. Vidyottama Jain (Co-PI)	DST (DST-SRF)	Government	2023	98.25	3 years
Iron biofortification in mungbean through understanding iron homeostasis & CRISPR-Cas gene editing.	Prof. Sanjib Kumar Panda	SPARC	Government	2024	85.44	2 years
Functional genomics and genome editing for iron biofortification in pigeonpea.	Prof. Sanjib Kumar Panda	DST- DAAD	Government	2023	7.5	2 years
Exploration of aptamer Gint4.T based dendrimeric carrier for the brain delivery of anticancer drug temozolomide	Dr. Umesh Gupta	Department of Science & Technology	Government	2023	8.18	2 years
Targeting Amyloid and amorphous protein aggregation in the human eye lens using chemical	Dr. Jay Kant Yadav	Velux-Stifftung, Switzerland	Non-Government	2022	82. 04	3 years

chaperons as non – surgical strategy for mitigation of age-related cataract						
Role of genetic and environmental factors in the onset of congenital cataract	Dr. Jay Kant Yadav	SPARC	Government	2022	71.16	5 years

International Visit/exchange of Faculty Members

Name of the Faculty	Name of the fellowship	Duration	Name of the Institute/University visited
Dr. Subrat Kumar Panda	AsiaPEX Japan	4-12 July 2024	Sapporo, Japan
Dr. Subrat Kumar Panda	Core-to Core Program, JSPS Japan	22-23 May 2025	DPRI, Kyoto University Japan
Dr. Chinmay Mallik	WCC-SF6 training	4-8 Nov 2024	National Institute of Meteorological Sciences, Jeju, S Korea
Prof. Sanjib Kumar Panda	SPARC	27 Jan-5 Feb 2024	HHU, Düsseldorf, Germany
Dr. Ved Prakash	International Conference of The Society of the Multi-Ethnic Literatures of the World (MELOW) on 'Echoes of the Earth: Interplay of Literature and Landscape'	27-29 September 2024	Kathmandu University, Nepal
Dr. Ved Prakash	14th Asian Cinema Studies Society Conference on 'What is Asian Cinema?' organised by the Department of Comparative Literature, University of Hong Kong	22-24 May 2025	University of Hong Kong, Hong Kong

International Visit of the Student

Name of the student	Name of the fellowship	Duration	Name of the Institute/University visited
Ms. Asha Kumari	SPARC	1 Dec 2024-28 Oct 2025	HHU, Düsseldorf, Germany
Ms. Divya Gupta	DST-DAAD	3-18 Dec 2024	HHU, Düsseldorf, Germany
Ms. Divya Gupta	DST-DAAD	27 Jan- 15 March 2024	HHU, Düsseldorf, Germany
Mr. Vikash Poonia	NSTC	1 Oct to 30 Nov 2024	National Pingtung University of Science & Technology
Ms. Tanishka Bagoria	SPARC	15 June to 15 July 2025	Technical University of Munich, Germany

International Awards/Achievements (by faculty and students)

Title of the Award	Name of the Awardee	Name of the Awarding Agency with contact details	Year of Award
Visiting Professor	Prof. Sanjib Kumar Panda	University of Malaya	2025
Visiting Professor	Prof. Sanjib Kumar Panda	Gifu University	2025
Visiting Professor	Prof. Sanjib Kumar Panda	HHU Düsseldorf, Germany	2019 to 2025
Distinguished International Guest Scientist	Prof. Sanjib Kumar Panda	Hungarian Academy of Sciences	2024
Overall Research	Dr. Umesh Gupta	Standford University, USA	2024
International Travel Grant to attend The Asian Conference on Psychology & the Behavioural Science (ACP 2025). Tokyo, Japan	Mr. Shivam Sharma Ph.D. Scholar 2022PHDYG003	Indian Council for Social Science Research (ICSSR), New Delhi.	*2025*

Infrastructural Facilities

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:

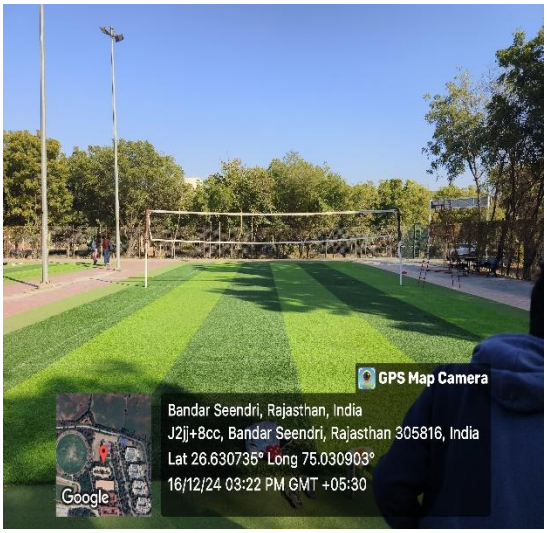
1. Table Tennis facility in all the hostels (Girls & Boys).
2. Chess facility in all the hostels (Girls & Boys).
3. Carom facility in all the hostels (Girls & Boys).

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 31st May, 2017 and was inaugurated in July 2017. The school has been providing quality education to the children coming from various sections of the society. The school at present has 16 teachers and 1 non-teaching staff.

There are 422 students enrolled in the school. There are 10 well-equipped class rooms besides the Principal's office, Staff Room, Library, Sports Room, Activity Room, Work- Education Room, CMP Room, Music Room, Computer Lab, Composite Science Lab, Exam Room, and covered Badminton Court. The students are encouraged to participate in various regional and national level events like, social science exhibition, science exhibition, sports events etc. In the Vidyalaya, various co-curricular activities such as solo & group song, dance, quiz competition, essay writing competition, poster making, card making, drawing competition etc. are conducted as per calendar of CCA in which students participate with full zeal and ardent. The students participated and secured position at Cluster Level in Debate competition under *Ek Bharat Shreshth Bharat* organized by KVS at KV 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

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 farseeing 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 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)

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:

i. 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.

ii. 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:

1. To fulfill the directives of the Supreme Court enjoining all employees to develop and implement a policy against sexual harassment at the workplace.
2. To evolve a permanent mechanism for prevention and redressal of gender based discrimination, sexual harassment, and other acts of gender-based violence.
3. 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.

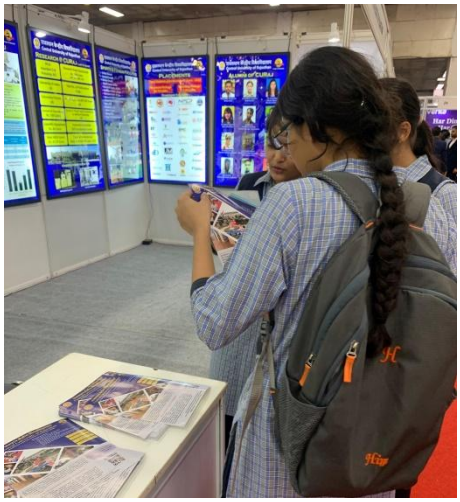
A weblink with basic information about mental health and references has been added to the university website. The same information has also been shared on the university's social media accounts. The mental health team made noteworthy efforts to normalize the situation and focused on motivating the students 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 at CURAJ

July 2024

Government Achievements & Schemes Expo-2024

Central University of Rajasthan (C U Raj) participated in the 10th 'Government Achievements & Schemes Expo-2024', the biggest show on government achievements! This prestigious event took place at Pragati Maidan, New Delhi, from 20-22 July 2024.





Orientation

A warm welcome was extended to new students at C U Raj for the academic Year 2024 with an enlightening Induction/Orientation Programme held from 24th to 26 July 2024.





Blood Donation Camp

Blood Donation Camp at C U Raj was organized by NSS Unit in association with Bharat Vikas Parishad, Kishangarh on 31st July 2024. 164 units of blood were collected to save lives!





August 2024

Partition Horrors Remembrance Day

An exhibition titled 'Partition Horrors' was inaugurated by Hon'ble Vice Chancellor Prof Anand Bhalerao at Central University of Rajasthan to mark the 'Partition Horrors Remembrance Day' on 14th August 2024 This exhibition threw light on the events and experiences of the Partition era, commemorating the impact and significance of this historical period.





78th Independence Day

The Tricolour was hoisted at the Central University of Rajasthan on the occasion of the 78th Independence Day. Our students, teachers, and staff celebrated this special day with great enthusiasm and patriotic fervour.





On the auspicious occasion of India's 78th Independence Day, Hon'ble Vice Chancellor Prof Anand Bhalerao inaugurated the "Azadi Ke Matwale" exhibition at Central University of Rajasthan. This exhibition honoured the bravery and sacrifices of the unsung heroes who fought for our nation's freedom.





On 15th August 2024, on the occasion of the 78th Independence Day, the Central University of Rajasthan organized a special initiative – **'Ek Ped Maa Ke Naam'** – launched by the Prime Minister's Office and the Ministry of Environment, Forest and Climate Change, Government of India. Under this campaign, we planted a tree in our mother's name, pledged to contribute to environmental conservation and reaffirmed our duty towards Mother Earth.





Students from various schools located in the nearby villages of Mundoti, Patan, Tilonia, Bandarsindri etc. visited the Central University of Rajasthan to view the exhibition organized on Partition Horrors Remembrance Day and the theme 'Azaadi Ke Matwale'.

It was heartening to see the students' excitement and curiosity to learn something new. The exhibition introduced them to the heroes of India's freedom struggle and the painful history of Partition. This experience was enriching for them, filled with learning and a deep sense of patriotism.





National Sports Day

National Sports Day, honoring the legendary hockey player Major Dhyan Chand on his birth anniversary was celebrated at C U Raj. The campus was buzzing with energy as students engaged in friendly matches across sports like Badminton, Basketball, Football, and Volleyball, creating an atmosphere full of sportsmanship!





Innovation and Start-up Ecosystem in India

The Innovation and Startup Cell, along with the E-YUVA Centre at CURAJ, in collaboration with BIRAC, New Delhi, hosted a dynamic National Seminar on "Innovation and Startup Ecosystem in India" on 30th August 2024. Speakers- Ms. Deeksha Rathore from BIRAC and Dr. Abhishek Pareek, CEO of Atal Incubation Centre, Banasthali Vidyapith, offered invaluable guidance to our students and aspiring entrepreneurs.





September 2024

Teachers' Day

Teachers' Day was celebrated with Excellence at C U Raj! We were honored to have His Excellency Governor of Rajasthan Shri Haribhau Kisanrao Bagde ji as the Chief Guest during this special event, where outstanding educators were recognized with the prestigious Teacher Excellence Awards for their remarkable contributions.





On Teachers' Day, we took pride in taking the initiative for recognizing the relentless efforts of Vice-Chancellors in advancing educational excellence. This year, on Teachers' Day, we gave the special honour to Prof. A. Ravinder Nath, Vice-Chancellor of Central University of Kashmir for his exemplary outstanding contributions to higher education.





Hon'ble Governor of Rajasthan Shri Haribhau Kisanrao Bagde ji inaugurated the 700 kW solar project at Central University of Rajasthan on 5th September 2025. An initiative established by National Hydroelectric Power Corporation (NHPC). This remarkable step exemplifies our commitment to sustainability and clean energy.





Visit of Hon'ble Vice President of India

We are honoured to have hosted the Hon'ble Vice President of India, Shri Jagdeep Dhankhar ji and Dr. Smt. Sudesh Dhankhar ji at the Central University of Rajasthan! His inspiring address and interaction with our students and faculty on the topic “Viksit Bharat@2047 – The Role of Higher Education” left us all motivated to strive for greater excellence.





Swachhata Pakhwada

C U Raj celebrated Swachhata Pakhwada from 1st to 15th September 2024. The NSS Team at Central University of Rajasthan (C U Raj) organized Mass Swachhata Pledge Drive, Plantation Drive, Theme Painting Competition, Nukkad Natak etc. as part of the Swachhata Pakhwada celebrations. The events saw enthusiastic participation from students, staff, and faculty.





As part of Swachhata Hi Seva 2024 campaign, we conducted the Swachhata Pledge and also hosted an engaging debate at C U Rajasthan on the topic: "Is Economic Development the Real and Sustainable Progress?"





Subscriber Awareness Programme (SAP)

C U Rajasthan in collaboration with Protean-CRA (NSDL) organized a Subscriber Awareness Programme (SAP) for its NPS subscribers on 25th September 2024. Mr. Lokesh Gautam, Assistant Manager from Protean-CRA (NSDL), Mumbai, guided employees through the key features of the National Pension System (NPS). Topics covered included pension and investment account management, tax benefits, D-remit & SIP features, online account maintenance, and much more.





October 2024

National Symposium on Startup and Entrepreneurship (NSSE 2024)

Two-day National Symposium on Startup and Entrepreneurship (NSSE 2024) organized by the Innovation and Startup Cell in partnership with the CURaj Incubation Foundation on 4th October 2024. This two-day event centered on "Strengthening Startup-Academia Collaborations." The inaugural ceremony witnessed the esteemed presence of Chief Guest-Mr. Praveen Roy (Head, TTI Division, DST, New Delhi) and Guest of Honour-Dr. Jitendra Kumar (Managing Director, BIRAC, New Delhi)





1st Desert Ball" National Level Basketball Tournament

1st "Desert Ball" National Level Basketball Tournament was hosted by the Central University of Rajasthan from 17th to 19th October 2024, Teams from renowned institutions like University of Allahabad, Gujarat State Sports University, Manipal University, ICFAI University, and many more showcased their skills and sportsmanship. The grand Inauguration Ceremony of the Ist Desert Ball National Level Basketball with Mr. Ram Kumar, Former Captain of the Indian Basketball Team serving as the Chief Guest.









One-Day Online National Workshop on Artificial Intelligence

The Internal Quality Assurance Cell (IQAC), Central University of Rajasthan, successfully organized a One-Day Online National Workshop on "Integrating Artificial Intelligence into Teaching, Learning, and Research: Transforming Education in the Digital Age" on 18th October 2024. This workshop provided a platform for educators, researchers, and students to explore the integration of Artificial Intelligence (AI) in academic settings and research methodologies. The key focus has been on introducing 1) AI and its relevance in education and research, 2) AI-driven tools and their applications in educational settings, and 3) AI-driven tools in advancing research methodologies and data analysis. The workshop witnessed enthusiastic participation from 205 attendees across 27 states of India, representing 28 diverse academic disciplines. The participants included Professors, Associate Professors, Assistant Professors, Principals of Academic Institutions, Teachers, Academic Consultants, Research Scholars, and Students from UG and PG courses. The discussions facilitated by experts provided valuable insights into the transformative role of AI in education and research. Under the leadership of Prof. Rajesh Kumar (Director IQAC) as Convener and coordinated by Dr. Kanak Sharma, Assistant Professor, Department of Education, the workshop featured a keynote address and hands-on session by Prof. K. Srinivas from NIEPA, New Delhi, who provided an in-depth analysis of AI's role

in shaping modern education and research methodologies. The sessions emphasized leveraging AI-driven tools to enhance learning outcomes, streamline research processes, and foster digital literacy among educators and students.





Faculty Development Program

3-day Faculty Development Program on Universal Human Values was conducted at C U Raj from 21st to 23rd October 2024. The program was planned to inspire our faculty to nurture values that transcend beyond education into everyday life. Prof. H. D. Charan,

Chairman of the National Committee for UHV, was the Chief Guest, alongside insightful sessions by Dr. B. K. Sharma (RIET Jaipur) and Dr. Mukesh Yadav (UEM Jaipur).





10th Vibrant India Expo

C U Rajasthan participated in the 10th Vibrant India Expo, happening at Delhi Haat, Pitampura, New Delhi, from October 25–27, 2024. With many leading universities and institutions like CU Himachal Pradesh, MNIT Jaipur, VNIT Nagpur, IIM Mumbai, National Sanskrit University and National Institute of Speech and Hearing, Mysuru participating, this event promised a vibrant exchange of ideas, innovations, and knowledge. Central University of Rajasthan was honoured with the 1st Prize in the University Category for its outstanding achievements.





November 2024

Bharat Shiksha Expo 2024

Central University of Rajasthan participated in the Bharat Shiksha Expo 2024 at India Expo Centre & Mart, Greater Noida, Delhi NCR from 11th - 13th November 2024.





National Level Competitions Organized on Children's Day

The Department of Education, in collaboration with the Department of Environmental Science at the Central University of Rajasthan, successfully organized National Level Competitions on Children's Day, 14th November 2024. Themed "Protecting Our Planet: Sustainable Solutions for a Greener Future," the event aligned with SDG 4 (Quality Education) and SDG 13 (Climate Action).

With 564 participants from 23 states across India, competitions in Poem Writing, Slogan Writing, and E-Poster Creation provided a platform for students from middle school to university levels to showcase their creativity and commitment to sustainability. The initiative aimed to promote environmental awareness, encourage critical thinking, and foster interdisciplinary learning.

The overwhelming response highlighted young minds' dedication to climate action. Participants' creative works will be showcased for broader awareness campaigns, reinforcing environmental literacy and advocacy. The event strengthened academic collaboration and empowered students to take proactive roles in sustainability. We extend our gratitude to university leadership, faculty, and organizers Prof. Sanjib Kumar Patra and Prof. Laxmikant Sharma, particularly Coordinator of the Program Dr. Kanak Sharma, for ensuring its success.

The winners' names are published on the university website, with certificates dispatched to participants. This initiative reaffirms our commitment to inspiring responsible global citizens and advancing sustainable solutions for a greener future.

VIVIBHA 2024

Central University of Rajasthan participated in VIVIBHA 2024: Vision for Viksit Bharat (Research for Realisation), a prestigious Three-Day National Conclave at SGT University, Gurugram, Haryana organized by Bhartiya Shikshan Mandal 15-17 November 2025. This inspiring platform brought together innovative minds to align academic research with India's developmental aspirations.





December 2024

National Conference

Two-Day National Conference on "Women in Decision-Making and Leadership: Shattering Stereotypes and Creating Futures" was organized from 3rd to 4th December 2024. Dr. Chandrika Kaushik, Director General (PC & SI), DRDO, and Ms. Usha Sharma, Former Chief Secretary, Government of Rajasthan, were among the distinguished speakers who illuminated the path toward a more inclusive and empowered tomorrow.





Shaheed Udham Singh Jayanti

Shaheed Udham Singh's life is inspiring at every moment. On his birth anniversary on 26th December, the entire University paid a heartfelt floral tribute to Shaheed Udham Singh – a symbol of courage and sacrifice.





January 2025

Srijan 2024-25- (12-14th January 2025)

The grand inauguration of the Annual Sports and Cultural Festival - Srijan 2024-25 was held at the Central University of Rajasthan on 12th January 2025. The program was inaugurated in the esteemed presence of Prof. Alpana Kateja, Hon'ble Vice-Chancellor of the University of Rajasthan. On this special occasion of Swami Vivekananda Jayanti and National Youth Day, she inspired the youth and highlighted their contribution as the foundation of nation-building. Srijan 2024-25 featured a confluence of sports, cultural performances and creative activities, showcasing the energy and creativity of the University's students.





Yuva Sankalp Yatra- as part of Srijan 2025

A magnificent celebration of youthful energy, innovation, and unity! The Yuva Sankalp Yatra wasn't just an event; it was a movement that inspired hearts and ignited the spark







of change. This procession had the gathering of students, staff, villagers, students of Kendriya Vidyalaya, residents, local vendors and local workers etc.

An exhibition on the life and teachings of **Swami Vivekananda** was held at the Central University of Rajasthan during Srijan 2024-25. The exhibition was inaugurated by **Prof. Alpana Kateja**, Hon'ble Vice-Chancellor of the University of Rajasthan.





Exhibition on Swami Vivekananda

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.

The grand **Inaugural Ceremony of the Srijan 2025** Sports Fest was a spectacular celebration of passion and teamwork.







Embracing the spirit of competition, SRIJAN 2025 witnessed an array of sports and cultural events for three days which included sports competitions like athletics, badminton, basketball, kabaddi, chess, cricket, football, table tennis, volleyball and yoga etc. and various cultural competitions like singing, dance, rangoli, mehandi, painting, poetry recitation, acting, debate etc. A special attraction was the Bhavai Nritya presentation.





Kavi Sammelan held during Srijan 2025





Awareness Session on Income Tax

An **Awareness Session on Income Tax** was organized at the Central University of Rajasthan on 17th January 2025. The speakers, **CA Prateek Jain** and **CA Tarun Modi**, explained the differences between the **new tax regime** and the **old tax regime**. They also provided an in-depth discussion on various aspects of tax laws.





Parakram Diwas

On the occasion of Netaji Subhas Chandra Bose's birth anniversary and **#ParakramDiwas on 23rd January 2025**, a programme was organized highlighting his life and contributions. All staff members paid a floral tribute to Netaji Subhas Chandra Bose.



76th Republic Day

Central University of Rajasthan celebrated the 76th 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. On the auspicious occasion of the 76th Republic Day on 26th January 2025, we saluted our Constitution, our brave soldiers, and every citizen of this great nation.





February 2024

Shivaji Maharaj Jayanti

Chhatrapati Shivaji Maharaj Jayanti was celebrated at the Central University of Rajasthan on 19th February 2025. The event highlighted the life, vision, and contributions of the legendary Maratha ruler. Faculty members, staff and students actively participated in the celebrations, reflecting the spirit of unity, courage and patriotism inspired by Chhatrapati Shivaji Maharaj.





National Science Day

An inspiring exhibition on renowned Indian scientists along with a series of exciting events marked the celebration of National Science Day at C U Rajasthan. From engaging discussions to interactive sessions, the day was dedicated to honoring scientific excellence and innovation.





March 2024

8th Convocation

The 8th Convocation of the Central University of Rajasthan was celebrated in a grand and dignified manner. Chief guest for the ceremony was Prof. T.G. Sitharam, Chairman of the All India Council for Technical Education (AICTE) and Dr. Nilesh Desai, Director of the Space Applications Centre, ISRO Ahmedabad was present as the Distinguished Guest on the occasion on 1st March 2025.







17th Foundation Day

The 17th Foundation Day of the Central University of Rajasthan was celebrated on 3rd March 2025 with great enthusiasm and grandeur. The occasion was graced by Prof. D. P. Singh, Former Chairman, UGC, as the Chief Guest. A major highlight of the celebration was the felicitation of Prof. Arun Pujari, Former Vice Chancellor of the University, who was conferred with the Life Time Achievement Award in recognition of his outstanding contributions to the growth and development of the University. The ceremony also witnessed the felicitation of distinguished Padma Shri awardees, along with the presentation of the Best Teacher Award and the Best Researcher Award to outstanding

faculty members of the University. In addition, students who excelled in various competitions during Srijan 2025 were also honoured on this special day. The Foundation Day celebrations served as an enriching platform to reflect upon the University's journey so far, celebrate collective achievements, and envision the promising future ahead. Upholding its best practices, the University reaffirmed its commitment to honouring excellence by conferring Life Time Achievement Awards on eminent personalities, Padma Awardees, and the University's former leadership who played a pivotal role in its development.





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International Women's Day

Central University of Rajasthan celebrated **International Women's Day** with a grand ceremony marked by inspiring addresses, felicitations, and recognition of women achievers. The event underscored the theme of empowerment, equality, and the invaluable contributions of women in diverse fields on March 8, 2025, at the 4A5 building auditorium. **Dr. Anand Bhalerao, Honourable Vice Chancellor**, Central University of

Rajasthan, presided over the function. The chief guest was **Ms. Mudita Bhargava**, Chairperson of the Food Security Appellate Tribunal of the Rajasthan Government. In her keynote address, **Ms. Bhargava** urged women to embrace individuality, stating, *"a woman is not anyone's Xerox copy, but a priceless original."* She emphasized coupling rights with duties and using them as shields, not weapons. Highlighting women's respect in the Vedic era, she noted today's challenges can be addressed through mindset change and legal reforms. A highlight of the event was the special felicitation of Mrs. Sudhamma (Sujata Chandran), a renowned wildlife guide and bird conservationist from Kerala, recognized for her outstanding contribution to biodiversity conservation. Rising from humble beginnings, her journey stood as an inspiration for all. Presiding over the program, Vice Chancellor, Prof. Anand Bhalerao, while wishing everyone on International Women's Day, said that today is not only Women's Day, but every day is also Women's Day, every day is Shakti Parva because women are the centre point of everything. Prof. Bhalerao congratulated the gathering and reaffirmed the university's commitment to women's empowerment. He emphasized that the Women's Excellence Award, initiated last year, reflects the university's culture of recognition and inclusivity. He noted that true progress is possible only when institutions connect with society and honour those who contribute meaningfully to its development.

The ceremony also featured the Young Achievers Awards across three categories:

- Scientific Excellence Award to Prof. Richa Kothari, Head of Environmental Science, Central University Jammu, for innovation in research.
- Social Impact Award to Mrs. Ruma Devi, who has empowered over 40,000 rural women artisans.
- Entrepreneur Award to Mrs. Meha Dinesh, for her achievements in organic farming and environmental protection.

All honourees' received a shawl, citation, memento, copy of the Bhagavad Gita, and a Cheque of ₹25,000. A special documentary on women was also screened. The program began with a warm welcome by the Women's Cell Chairperson, Dr. Pragati Jain, followed by cultural presentations, including the university and welcome songs. The event concluded with a vote of thanks delivered by Dr. Garima Kaushik, Secretary of the Women's Cell. The celebration witnessed enthusiastic participation from faculty, researchers, students, staff, and their families, making the day a memorable affirmation of women's power, resilience, and leadership.





17th National Youth Parliament Competition

The 17th National Youth Parliament Competition was successfully organized at the Central University of Rajasthan on 21st March 2025, sponsored by the Ministry of Parliamentary Affairs, Government of India. A total of 55 students actively participated in a spirited 55-minute mock Parliament, showcasing their leadership and debating skills on pressing national issues such as water management, agriculture, climate change, and other matters of public importance. The event was evaluated by esteemed representatives from the Ministry of Parliamentary Affairs, along with Prof. Dinesh Arora (DAV College, Jalandhar) and Prof. Manoj Awasthi (Department of Political Science, Government College, Ajmer). Their insightful observations and feedback added immense value to the proceedings. The competition provided a vibrant platform for students to engage in democratic practices, develop critical thinking, and experience the functioning

of parliamentary processes, thereby fostering a deeper understanding of governance and public policy.





Cyclothon 2025



The **Central University of Rajasthan** successfully organized *Cyclothon 2025* on **23rd March 2025** in the esteemed presence of the **Hon'ble Vice-Chancellor, Prof. Anand Bhalerao**. The event was conducted in collaboration with the **Physical Education Foundation of India (PEFI)** and the **Fit India Division of the Sports Authority of India (SAI)**. The cyclothon brought together students, faculty, and staff to promote **fitness, health awareness, and the spirit of "Fit India"**, reflecting the University's commitment to holistic development and well-being.



Rajasthan Diwas

The Central University of Rajasthan remains committed to nurturing students not only academically and intellectually but also physically and holistically. In line with this vision, the Hon'ble Vice-Chancellor, Prof. Anand Bhalerao, inaugurated the inter-hostel sports competitions, featuring a range of thrilling and energetic games such as Kabaddi, Volleyball, Cricket, Badminton, and Basketball. The competitions provided students with a vibrant platform to showcase their talent, teamwork, and sportsmanship. Adding to the spirit of pride and celebration, the University commemorated the glorious heritage of the state through a grand Rajasthan Diwas celebration on 30th March 2025. The event commenced with a magnificent bike rally, symbolizing the valor, culture, and traditions of Rajasthan — the land of heroes and rich folk heritage. These events highlighted the University's dedication to fostering student development while honoring the cultural identity of the region.





Visit of Tagore Public School Students to Central University of Rajasthan

The Central University of Rajasthan had the pleasure of hosting the enthusiastic students of Tagore Public School, Bhilwara, for a day filled with exploration, interaction, and learning. During their visit, the students explored the University's state-of-the-art laboratories, classrooms, and the Central Instrumentation Facility, gaining valuable insights into the vibrant academic and research environment of CURaj. They also experienced the sports grounds, gym, and other campus amenities, providing them with a holistic view of campus life. The visit offered the young learners an enriching opportunity to witness first-hand the academic excellence, research culture, and student-centric facilities that define the University.





April 2024

Ambedkar Jayanti

A grand programme was organized at the Central University of Rajasthan on the occasion of the 135th birth anniversary of Babasaheb Dr. Bhimrao Ambedkar on 14th April 2025. The Chief Guest of the event was the Senior Journalist, Author and Analyst Mr. Manoj Jwala. An exhibition on Dr. Bhimrao Ambedkar was also inaugurated on the occasion.









Programme on "शिक्षा में रामत्व" at Central University of Rajasthan

On the occasion of the 56th Foundation Day of the Bhartiya Shikshan Mandal, a special programme titled "**शिक्षा में रामत्व**" was organized on 24th April 2025 at the Central University of Rajasthan. The programme was presided over by the Hon'ble Vice-Chancellor, Prof. Anand Bhalerao, and reflected on the values and ethos of education inspired by the ideals of Lord Ram, emphasizing character-building, cultural heritage, and holistic learning.





May 2024

Maharana Pratap Jayanti

The Central University of Rajasthan proudly celebrated Maharana Pratap Jayanti on 9th May 2025 to honor the legacy of the great Rajput warrior and symbol of valor, courage, and patriotism. The programme highlighted Maharana Pratap's indomitable spirit, dedication to his motherland, and his ideals of bravery and self-respect. Students, faculty, and staff gathered to pay tribute and reflect on his heroic contributions to Indian history.





Confering Jeevan Sadhana Gaurav Award on Padma Shri Shri Baijnath Ji Maharaj

The Central University of Rajasthan organized a special ceremony on 11th May 2025 at Shraddhanath Ji Maharaj Ashram, Laxmangarh, Sikar, in honour of the esteemed saint and renowned social worker, Padma Shri Shri Baijnath Ji Maharaj. In keeping with the University's tradition of recognizing exemplary contributions to society, Shri Baijnath Ji Maharaj was conferred with the prestigious "Jeevan Sadhana Gaurav Award." The ceremony was graced by the Hon'ble Vice-Chancellor, Prof. Anand Bhalerao, along with distinguished dignitaries and University officials, which added to the dignity and solemnity of the occasion. The event served as a tribute to Shri Baijnath Ji Maharaj's lifelong commitment to social service, spirituality, and community welfare, inspiring the University community to uphold values of compassion, dedication, and service to society.





Rally at CURaj under *"Nation First – A Campaign in Support of Nation First"*

With immense pride and unwavering patriotism, the **Central University of Rajasthan** organized a **Rally in Honour of the Indian Armed Forces** under the banner "*राष्ट्र प्रथम – A Campaign in Support of Nation First*" **on 15th May 2025**. The rally was held in honour of the brave Indian soldiers, acknowledging their courage, sacrifice, and unwavering dedication to the nation. It also provided an opportunity for the University community to reaffirm its commitment to national unity, patriotism, and collective resolve to stand united against all adversaries of the nation.





Ground-Breaking Ceremony for Proposed Central Library and 600-Bedded Hostel at CURaj

The Central University of Rajasthan held the ground-breaking ceremony for the proposed Central Library and 600-Bedded Hostel on 21st May 2025 near the helipad within the University campus. The ceremony was marked by the dignified presence of esteemed participants, adding an auspicious and inspiring tone to this significant milestone. This new construction initiative represents a key step in enhancing the University's infrastructure, supporting academic excellence, and accommodating the growing needs of students and faculty. The event signifies the University's ongoing commitment to fostering a state-of-the-art learning environment and a vibrant campus life.





Vinayak Damodar Savarkar's Birth Anniversary at CURaj

The Central University of Rajasthan organized a grand celebration on 28th May 2025 to commemorate the birth anniversary of Swatantryaveer Vinayak Damodar Savarkar. The event highlighted Savarkar Ji's remarkable contributions to the nation, emphasizing his patriotism, revolutionary spirit, and dedication to India's freedom struggle. Faculty, staff, and students participated in the celebration, reflecting on his enduring legacy and drawing inspiration from his life of courage and commitment to national service.





Suryathon: Mass Surya Namaskar Program

In the lead-up to the 11th International Day of Yoga, CURAJ proudly hosted Suryathon: A Mass Surya Namaskar Program on 15 May 2025 in alignment with this year's theme, "Yoga for One Earth, One Health." Under the visionary leadership of Hon'ble Vice Chancellor, Prof. Anand Bhalerao, the Department of Yoga brought together 200+ enthusiastic participants, including students, faculty, and staff, for an uplifting session of Surya Namaskar at the University Hockey Ground from 7:00 AM to 7:30 AM. The program began with an invocation - chanting of Suryastakam by Ms. Satrupa Roy, creating a peaceful and spiritual ambiance. Prof. Raghavendra Bhat, Head of the Department of Yoga, welcomed attendees, setting the tone for an inspiring session. Ms. Juhi Kumawat, Research Scholar, along with five dedicated yoga student volunteers, led and demonstrated 12 rounds of Surya Namaskar, encouraging mindfulness and holistic well-being. With boundless enthusiasm and energy, participants embraced the transformational practice, reinforcing the profound benefits of yoga. The session concluded with a vote of thanks and closing remarks by Prof. Sanjib Kumar Patra, marking a significant milestone in the 100-day countdown to International Yoga Day 2025.





June 2025

World Environment Day

In accordance with the directives from the Ministry of Education, in collaboration with the Ministry of Environment, Forest and Climate Change (MoEFCC), a pre-campaign was organized from 22nd May to 5th June 2025 to raise awareness about the urgent need to eliminate plastic pollution. This initiative was aligned with the theme of this year's World Environment Day — "Ending Plastic Pollution Globally." Under the aegis of World Environment Day, the School of Earth Sciences conducted a series of awareness and outreach activities focusing on waste management, plastic pollution mitigation, and sustainable practices. Faculty, staff, students, and local community members actively participated in the program. The campaign commenced with an outreach meeting with nearby villages (Nohriya and Bandarsindri) on 29th May 2025, spreading awareness about plastic pollution and its environmental impacts. This was followed by interactive meetings with shoppers at the Amul Parlour and Shopping Complex, aimed at sensitizing the campus community about reducing single-use plastics. On 3rd June 2025, a training session for cleaning staff was conducted, emphasizing effective waste segregation and disposal practices. On 4th June 2025, an idea competition titled "Share Your Ideas to Ending Plastic Pollution Globally" encouraged students to present innovative and sustainable solutions. The celebrations further included a cleaning drive at Mega Mess and Amul Parlour areas, and finally culminated with a plantation drive in the Herbal Garden, where faculty, staff, and students came together to contribute to a greener campus.These initiatives not only reinforced the University's commitment to environmental sustainability but also strengthened the collective resolve to combat plastic pollution at both local and global levels.





9th Convocation Ceremony of Central University of Rajasthan

The Central University of Rajasthan held its 9th Convocation Ceremony on 19th June 2025, graced by Hon'ble Union Minister for Education, Shri Dharmendra Pradhan, as the Chief

Guest, Shri Bhagirath Choudhary, Hon'ble Minister of State for Agriculture and Farmers Welfare, Government of India, joined the ceremony along with Prof. Anand Bhalerao, Vice Chancellor, CURaj, and other distinguished dignitaries.

Shri Dharmendra Pradhan dedicated various University infrastructure projects to the nation and participated in the Foundation Stone-Laying Ceremony for upcoming facilities at CURaj. The event marked a proud moment for Ph.D. scholars and University Gold Medallists, who received their degrees and medals from Shri Dharmendra Pradhan Ji and Shri Bhagirath



Choudhary Ji, celebrating their academic achievements. In a gesture promoting environmental stewardship, Hon'ble Union Minister Shri Dharmendra Pradhan also planted saplings on the University campus, accompanied by Shri Bhagirath Choudhary and Prof. Anand Bhalerao, inspiring the University community to embrace nature conservation. The 9th Convocation Ceremony was a memorable and historic occasion, symbolizing academic excellence, infrastructural growth, and commitment to sustainable development at CURaj.




NAIK JADUNATH SINGH ACADEMIC BUILDING


राजस्थान केन्द्रीय विश्वविद्यालय
नैक कक्ष
का
लोकार्पण
श्री धर्मेन्द्र प्रधान
माननीय शिक्षा मंत्री,
भारत सरकार
के कर कमलों द्वारा सम्पन्न हुआ
गरिमामयी उपस्थिति
श्री भागीरथ चौधरी
माननीय कृषि एवं किसान कल्याण
राज्य मंत्री, भारत सरकार
प्रो. आनंद भालेरा
माननीय कुलपति
राजस्थान केन्द्रीय विश्वविद्यालय
विक्रम संवत 2082,
आषाढ़ मास, कृष्ण पक्ष, अष्टमी, गुरुवार




राजस्थान केन्द्रीय विश्वविद्यालय
नवम् दीक्षांत समारोह
मुख्य अतिथि
श्री धर्मेन्द्र प्रधान
माननीय शिक्षा मंत्री, भारत सरकार
गरिमामयी उपस्थिति
श्री भागीरथ चौधरी
माननीय कृषि एवं किसान कल्याण
अध्यक्षता
प्रो. आनंद भालेराव
माननीय कुलपति


Central University of Rajasthan
9th Convocation
Shri Dharmendra Pradhan


Central University of Rajasthan
9th Convocation
Chief Guest
Shri Dharmendra Pradhan







International Day of Yoga, June 21, 2025

Under the visionary leadership of Hon'ble Vice Chancellor, Prof Anand Bhalerao ji the Central University of Rajasthan (CURAJ) celebrated 'Yoga Sangam' on the occasion of the 11th International Day of Yoga with great enthusiasm and participation of 200+ participants. The event was held in the Yoga Hall, Department of Yoga on the morning of June 21, 2025, from 7:00 AM to 8:30 AM. The celebration began with a welcome address by Prof. Raghavendra Bhat, Head of the Department of Yoga. This was followed by the Common Yoga Protocol (CYP) practice, which was enthusiastically performed by more than 200 participants, including senior university officials, faculty members, non-teaching staff, their family members and students.

The Common Yoga Protocol was demonstrated by Prof. Raghavendra Bhat and Dr. Kashinath Metri and Prof. Sanjib Patra delivered the instructions. Following the yoga protocol practice, Prof. Anand Bhalerao, Hon'ble Vice Chancellor, addressed the gathering. He emphasized the

significance of the International Day of Yoga and the highlighted the transformative role yoga in maintaining physical health, emotional stability, and mental well-being. He said “this day of is not just a physical demonstration of asana or physical exercise but it is re-living the ancient Indian tradition that helps to keep our body, mind and spirit in harmony. The sage Patanjali Maharshi defined yoga as a tool to remove distraction in the mind and achieve stability and connect inner soul. Yoga asana is a physical aspect of yoga that helps to attain balance in body, mind. Every human being aspires for peace, balance and health. I strongly believe that these can be achieved through the path of Yoga. Hence yoga is not just a physical activity; it is a lifestyle that takes us towards patience, discipline, perdurance, compassion and self-reflection. He encouraged all faculty members, staff, and students to adopt yoga into their daily routine, highlighting it as an effective tool for stress management and holistic wellness. He concluded by stating that the ultimate goal of yoga is the attainment of personal and universal well-being.

Dr. Kasinath Metri, Assistant Professor, Department of Yoga presented a vote of thanks, marking the end of a fruitful and enlightening event. The Yoga Sangam concluded with a shanti mantra. The event was graciously hosted by Ms. Anuradha Mittal, Public Relations Officer, CURAJ. Post-event, participants enjoyed light, nutritious and wholesome refreshment. Overall, the event witnessed enthusiastic participation and a vibrant atmosphere.





Extension Activities

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 4th Feb, 2015 following the directions of the Ministry of Human Resource Development. The basic goal of CDC is to promote and transform the university's 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 2024-25, the Community Development Cell has performed following activities:

Enhancement of Community's knowledge on Swami Vivekananda through participation in Exhibition held in CURAJ during SRIJAN Festival.

The Central University of Rajasthan hosted a significant exhibition showcasing the principles and values of Swami Vivekananda during SRIJAN youth festival held between January 12th to 14th January, 2025 at the university auditorium. The Community Development Cell facilitated the participation of community members from the adopted village-Bandarsindri, Kheda Karam Sutan, Nohariya, Mundoti, Choondari, and Nallu. This initiative enhances the awareness and understanding among rural women and youth regarding the life, vision, and contributions of visionary leader Swami Vivekananda, ultimately helps them in enriching their goals and life experiences.





Need Assessment through Community Interactions

The Community Development Cell (CDC), in collaboration with the Department of Social Work, organized a session on community need assessment by inviting rural youth,

women, and the elderly in the campus on January 12th ,2025. The objective was to understand the community's local issues, needs and aspirations, while also fostering stronger engagement through open dialogue, mutual learning, and participatory discussion. This initiative was aimed to build trust, encourage community participation, and lay the groundwork for future development interventions with community.

Vidya Initiative for Rural women

Understanding the hardships of education in making formal communication and accessing information required at various level, The Community Development Cell under the supervision of Dr. Shaizy Ahmed has initiated a “Women Literacy Drive” for female workers in three villages, namely, Bandarsindari, Kheda Karam Sutan and Choondari village. This initiative started from July, 2024 onwards with an aim to promote basic literacy, raise awareness about government schemes and empower women by enhancing their confidence to read and write, Looking into the engagement of the women, the sessions were taken both in villages and their workplaces. This aims to help women in their personal development and social upliftment. The initiative is still in place, and efforts are still being made to reach more women and improve their capacity to go about their everyday lives being independent of others.





‘Book Donation’ Initiative in Community Library with support from Pratham NGO

The Community Development Cell (CDC), in collaboration with the Department of Social Work partnered with Pratham NGO through their online fundraising initiative *"Donate a Book campaign".* Through this campaign, approximately INR 7,500 was successfully raised by the students of Social Work and were utilized to procure books of equal value in Choondari village. These books were then placed in the Community Library of Choondari village. The initiative specifically aimed to enhance the daily reading engagement of students upto upper primary level, providing them access to age-appropriate, interactive, and language-rich reading material. The books are now regularly used by children in the village to foster their reading habits, improve comprehension skills, and cultivate a love

for learning. This small but meaningful collaboration has laid a foundation for continued educational development in the community.

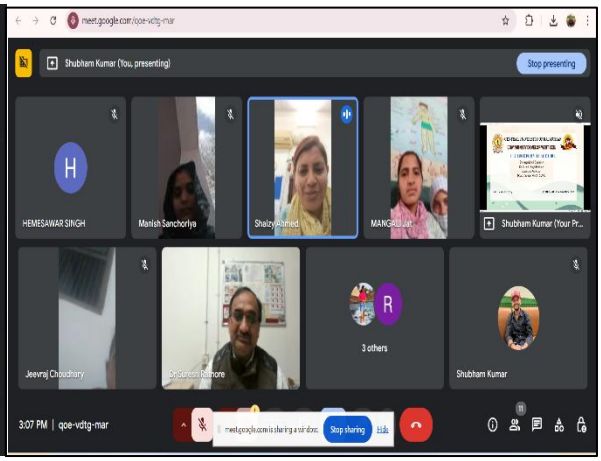




Facilitated adolescent girls in competitive examination by initiating online sessions of University Faculties

The Community Development Cell (CDC) has organized online classes for girl students of senior secondary school in Kheda Karam Sutan. These classes were aimed at helping students clarify subject-related doubts with the support of expert faculty members from Hindi, English and Psychology. This was done to support the coaching given in school. In addition to academic support, the sessions on psychological well-being and career awareness to guide students in managing stress and exploring future career opportunities were also held. This holistic approach aimed to support education of girl students' along with their overall development in rural areas. As an outcome of these supportive classes, many girl students could clear Teacher Eligibility Test.





Sensitisation Program for Women on Gender Issues and Welfare Schemes

The Community Development Cell has organized session on women-related issues in adopted villages including Kheda Karam Sutan and Choondari. The initiative engaged women from different age groups to discuss challenges affecting their lives, including health, education, safety, and social rights. It further aims to guide them in getting connected with the available welfare schemes. Parents were also motivated towards promotion of education and interest of their children.





Unnat Bharat Abhiyaan

The **Unnat Bharat Abhiyan (UBA)** aims to empower universities to collaborate with rural communities in India, identify developmental challenges, and design practical solutions that foster sustainable growth. Rather than conducting frequent field visits, the UBA team emphasized hands-on initiatives in livelihood, education, sanitation, and community development. As part of this mission, the Central University of Rajasthan, in partnership with the district administration, adopted five Gram Panchayats under UBA: Bandarsindri, Mundoti, Nahoria, Kheda Karam Sutan, and Pedi bhata. During this period, continuous field engagements were undertaken to assess the diverse needs of the community and the extent to which they were being addressed. These efforts emphasized community participation in meeting local requirements, active involvement of youth in addressing village-level issues, and the participation of women and youth in sensitization programs. The initiatives particularly focused on spreading awareness about government schemes, including health insurance and livelihood opportunities. In addition to these activities, several other initiatives were carried out during the reporting period. These included reviewing the functioning and utilization of the community library, engaging with adolescent girls and women to understand their health-related needs and concerns, conducting and participating in Gram Sabhas, holding meetings with the Sarpanch and Ward Panch members to discuss village development activities, and inviting key community leaders and members to participate in various university-level programs. The major activities undertaken during this reporting period are as follows;



(Figure 01)

1. ***Community Consultative meeting: A meeting with community members*** (Figure 01) was organized in Nahoria village in the month of May 2025. The objective of the meeting was to interact with the community, explain the various activities under Unnat Bharat Abhiyan (UBA), understand their pressing issues, and encourage their involvement in UBA initiatives. Around 25 community members were participated in the meeting.
2. **An assessment of the community's need for a health camp** was done through an interaction with the village representatives (Figure 02). Amidst the discussion, the representatives emphasized the main health issues that the villagers deal with, including the scarcity of primary healthcare services, ignorance of preventative health measures, and the occurrence of seasonal illnesses. In order to guarantee efficient planning and outreach, the panel also looked at potential partnerships with regional organizations and government health departments. The foundation for holding a health camp with the goal of enhancing the community's general well-being was established by this engagement, which also assisted in identifying priority areas.



(Figure 02)

3. **An interactive meeting was organized with farmers** (Figure 03) from the adopted villages to sensitize them about various government schemes related to agriculture. The session aimed to provide information on available subsidies, crop insurance programs, modern farming techniques, and support mechanisms offered by the government. Farmers were encouraged to clarify their doubts, share their challenges, and explore how these schemes could be effectively utilized to improve agricultural productivity and enhance their livelihoods. The interaction also helped establish a direct link between farmers and relevant institutions, fostering greater awareness and participation in government initiatives.



Figure (03) Interactive meeting with farmers

4. **Meeting with Youth group**: A meeting was held with the youth members of Kheda Karam Suthan to understand and analyze their significant role in community development. The discussion focused on how youth can actively engage in addressing local issues, participate in decision-making processes, and contribute to initiatives related to education, livelihood, health, and social awareness. The session also highlighted the importance of leadership, volunteerism, and skill development among young people, encouraging them to take ownership of village-level development activities and act as catalysts of change within their community.



Figure (04) Meeting with youth members in Kheda Karma Suthan

Future Programmes: Students carried out field projects and micro studies in the adopted villages, which gave them practical exposure while addressing community-specific issues. Technical projects were also implemented to solve local problems, and UBA activities were integrated into academic credit courses to link classroom learning with rural development. In addition, Rural Resource Centres were established through community libraries and computer labs to promote digital literacy and provide access to educational resources. Skill-building and capacity development programmes were organized for youth, women, and community members to enhance their skills, create livelihood opportunities, and encourage self-reliance.

Distinguished Lectures

The Lecture Series committee organized 7 Lectures by eminent personalities during the academic year 2024-25. The first 5 lectures conducted during 2024 were under the banner of Distinguished Lecture Series. From 2025 onwards, it has been renamed '**Academic Leadership Engagement Lecture**' series under the vision of HVC Prof. Anand Bhalerao. The lecture committee was chaired by Prof. Chandi C. Mandal and had Dr.

Jayendra Nath Shukla, Dr. Chinmay Mallik, Dr. Hemanth Naick Banavath, and Dr. Manas Nag working behind the scenes to make this lecture series an inspirational journey for the CURAJ community. The committee was also responsible for organizing National Science Day along with other co-opted members. The list of lectures during AY 2024-25 are as follows:

Date	Title of Lecture	Speaker	Designation	Organisation
01/04/2025	Strategies for Effective Communication	Prof. Suhas S Joshi	Director	Indian Institute of Technology, Indore
20/03/2025	Ensuring Climate Resilience through Voluntary Afforestation and Net Zero Facilities related to Water, Energy & Waste	Prof. Venkappayya R Desai	Director	Indian Institute of Technology, Dharwad
04/12/2024	Cultural Nationalism of Bharat	Dr. Om Jee Upadhyay	Director (Research & Administration)	Indian Council of Historical Research
12/11/2024	India's Energy Future: The Sustainability Challenge	Prof. Rangan Banerjee	Director	Indian Institute of Technology, Delhi
11/11/2024	Viksit Bharat-Role of Critical Minerals	Dr. G. Parthasarathy	INSA Senior Scientist	National Institute of Advanced Studies, Indian Institute of Science
09/10/2024	Science Education and Research in Independent India: less	Prof. L. S. Shashidhara	Director	National Centre for Biological Sciences

	known stories, unimaginable impact			
07/10/2024	Education for Happiness: the Why and the How	Mr. Luis Gallardo	Founder President	World Happiness Foundation, USA

The details of lectures are given below:

Distinguished lecture on 'Education for Happiness: the Why and the How' by Mr. Luis Gallardo (Founder President, World happiness foundation, USA) on 7 October, 2024

A distinguished lecture was delivered by Mr Luis Gallardo, the Founder President of World Happiness Foundation, USA at the Central University of Rajasthan. The talk started with a welcome address by Vice Chancellor in-charge Prof. D. C. Sharma who stressed on the importance and culture of distinguished lectures at CURAJ. This was followed by an introduction of Dr Vikram Rastogi, a longtime associate of Mr Gallardo, who accompanied him to CURAJ for this lecture. Dr. Rastogi was introduced by Dr Janmejay Pandey, faculty in Dept of Biotechnology. Dr Vikram Rastogi's illustrious career spans several industries as diverse as automobile engineering, business related to marbles of Rajasthan, and wellness. His transformative journey exemplified his dynamic leadership, entrepreneurial spirit, and commitment to improving human well-being. In the initial phase of his career, Vikram Rastogi established himself as a successful automobile engineer. His expertise and leadership in the field made him renowned all over the world with many titles bestowed on him. In his second professional phase, he ventured into the stone mining industry, where he played a pivotal role in carving out a successful business in the mining and extraction of stones, contributing to the region's economic growth. His entrepreneurial acumen transformed the stone mining sector in Rajasthan, making him a notable figure in this industry. He also served as a consultant to the Gandhi Memorial in the United States of America among many others. However during the COVID era realization stuck and the 2 time Padmashree nominee transitioned into the domain of health, happiness, and longevity. With a focus on holistic well-being, he became an expert in promoting practices that foster physical health and mental wellness. His insights into happiness and well-being have been geared toward improving the quality of life for individuals through teachings from ancient scriptures and traditional medicinal practices. After the illustrious talk by Vikram Rastogi, the session transitioned to Mr. Luis, who was introduced by Dr Chinmay Mallik, faculty in the Department of Atmospheric Science. Mr Gallardo has been a driving force behind global movement to promote happiness, well-being and personal growth. As the founder of several impactful organizations, including the TEOH Lab, World Happiness Fest etc, Mr Gallardo has contributed significantly to the future of learning, well-being and to usher in a much needed societal change. Mr Gallardo began by discussing our emotions through an interactive survey on how people were

feeling that day. The beginning of the talk was so engaging that within a span of 2 mins, there were more than 300 responses from the audience, which consisted of faculty member, university administrative staff, research scholars and students. Interestingly, within the same room, people were experiencing contrasting emotions, such as frustration and happiness. Mr Gallardo began his discourse by citation of the dialogue between Krishna and Arjuna, bringing in the importance of guru and the practice of detachment to gain mastery over the mind. He stressed that mind being intangible does not allow one to locate physically and this is the reason people struggle to control it. He again engaged the audience by asking questions like what creates emotions and why we go for education. Many people get education for survival why others get it to be the best. He next involked real world scenarios like war in Bosnia which left a woman without house, husband and children but she still came to join a queue at 4 AM morning to cast her vote for the national elections as she still had not lost her hope and dreamt of a day where she could live with freedom and peace. He also invoked the concept of BANI world which stands for Brittle, Anxious, Non-linear and Incomprehensible. BANI builds upon the concept of VUCA framework symbolizing volatility, uncertainty, complexity and ambiguity. Another survey was put up related to the wheel of life and audience responses showed happiness from friends and family. Happiness is different from the activators of happiness. He also discussed stories of Eric who was the first blind person to climb Mt Everest but the credit was shared by the whole community of 19 people who supported Eric to realize this journey. He gave examples of pregnancies during war in Palestine stressing on the need of reconnecting and reconciling collective trauma with collective healing. We should reconnect with self, society and nature for freedom, consciousness and happiness respectively. He said that the opposite of happiness is not sadness but unhappiness because emotions can run in parallel. He also discussed the concept of Universal Panacea which could lead us from the path of intolerance to the path of forgiveness by using our gift of understanding. The inspiring talk ended with an invigorating Q/A session. The talk ended with a vote of thanks by chairman of the Distinguished lecture committee Prof C C Mandal. A book stall during this event also received a very good response from the audience.

Distinguished lecture on 'Science Education and Research in Independent India: less known stories, unimaginable impact' by Prof. LS Shashidhara (Director of National Centre for Biological Sciences) on 9 October, 2024

The speaker for this distinguished lecture was Prof. LS Shashidhara, Shanti Swarup Bhatnagar Awardee, a well-known researcher, academician and administrator and present Director of National Centre for Biological Sciences in Bengaluru. The program was inaugurated by a keynote address delivered by Vice Chancellor Anand Bhalerao. The HVC delved into the rich scientific heritage of India with the journey of the nation in setting up itself as a global leader in the 21st century. He spoke at length about the role of Sanskrit in India's intellectual evolution and traditions and how it gave cultural depth to scientific discourse. Speaking about the historical woes Indian scientists faced in the colonial

period, the HVC pointed out how the British set up centers of learning in Mumbai, Kolkata, and Madras cities, almost as a concession to the Indians, where Indians would be allowed to study only arts and no science, but that usually left Indian scientists, like J.C. Bose and S. Chandrashekhar in situations of pay disparity and limited resources. Many nationalists emerged from these institutions adding to India's glorious scientific heritage. The guest speaker was introduced to the audience by Dr J N Shukla familiarizing with the speaker's substantial achievements: the Shanti Swaroop Bhatnagar Award among several others and that he took active membership in many scientific societies.

Prof Shashidhara started with a discourse on institution building bringing out the importance of modern institutions, ranging from the Indian Institutes of Technology to the IISERs and Central Universities, in developing modern education and participating in the growth of India in terms of scientific excellence. The speaker elaborated on how these institutions have played a pivotal role in sectors such as information technology, agriculture (with special reference to the Green and White Revolutions), and medicine. In the context of India's socio-economic progress over the last 70 years, notwithstanding the numerous challenges like poverty and educational disparity, the significance of these institutions is much more highlighted in retaining and developing our social values like democracy. He pointed out the interdependence of science and technology as keys to addressing the vast socio-economic gaps still existing in India and role of technology in extending our reach beyond human perception. These institutions are the reasons why India is looked upon to provide sustainable solutions to human emergencies like poverty and diseases.

The speaker reflected how computers and technologies have played a big role in addressing social issues, through the opening up of channels of accessing information thus improving livelihood. The speaker also emphasized the need for a phenomenal teaching community in India, and enhancement of science education is very important for the appearance of a knowledgeable and skilled workforce to meet the challenges of the future. The spurt of misinformation, especially with the rise of social media, has been cited as another setback for scientific progress, but we also remain optimistic that India's scientific traditions are strong enough to overcome this obstacle. He told many lesser-known but critical stories about the scientific achievements of India.

One of the striking examples is the story of the plastic sachets used by Amul to distribute milk and the technology applied for drying buffalo milk powder that makes it possible to extend access to milk to a larger section of the population by increasing the shelf-life of the product. These innovations have been critical in ensuring food security and nutrition improvement across India. The speaker also explained recent breakthroughs in plant tissue culture, showing how the scientific world was changing agriculture from a standpoint of productivity and sustainability. He discussed the strides of India in pediatric care and in medical areas, especially blood banks, and new concepts in cell differentiation. He then outlined how India's influence was growing with high-tech exports.

The speaker stated that with technology, such as DNA-based authentication, the Indian basmati rice value chain has benefited; and thus exports have increased, while the reputation of India in the global market is secured. Then he cited the case of laser cutting and polishing technology, a factor that completely transformed India's diamond industry, another shining example of innovations driving economic growth. The speaker added that soon, India became a niche in the diamond-cutting market that contributed to the general economic development of the country.

The speaker reminisced about computers that ushered India into a software superpower when in 1955 IBM donated its first computer to this country. This early exposure to computing technology enabled Indian scientists and engineers to advance their algorithms and software skills, which put India on the front lines of the world's most advanced technological innovations. "This should have been the basis to provide a necessary foundation for the IT revolution in India," the speaker added, pointing out how the focus on early development of software and algorithms paved the way for India's IT revolution, which continues to benefit the country today.

He pointed out how innovations in climate prediction models and systems developed and made by India greatly influenced global climate research. The speaker called for reforms in India's education system, making sure it should emerge as a different vehicle to cater to modern needs, sustainability, and real-world challenges. Summing up his speech, the speaker would request the integration of increased collaboration between schools and research institutions that enhance quality education in India.

He urged educators to train students in a manner that will prepare them for the future and armed them with the information and skills to successfully adapt to a changing world. The lecture provided a complete summary of the scientific and technological achievements of India in their historical context, and the vision for reforms that India should pursue in education and technology going forward. The speaker placed emphasis on the fact that innovations, education, and cooperation will determine not only the future of progress for India but also how India can contribute to be one of the leaders in the world in science and technology. The talk ended with a vote of thanks by Prof C C Mandal, Chairman of the The Academic Leadership Development Programme.





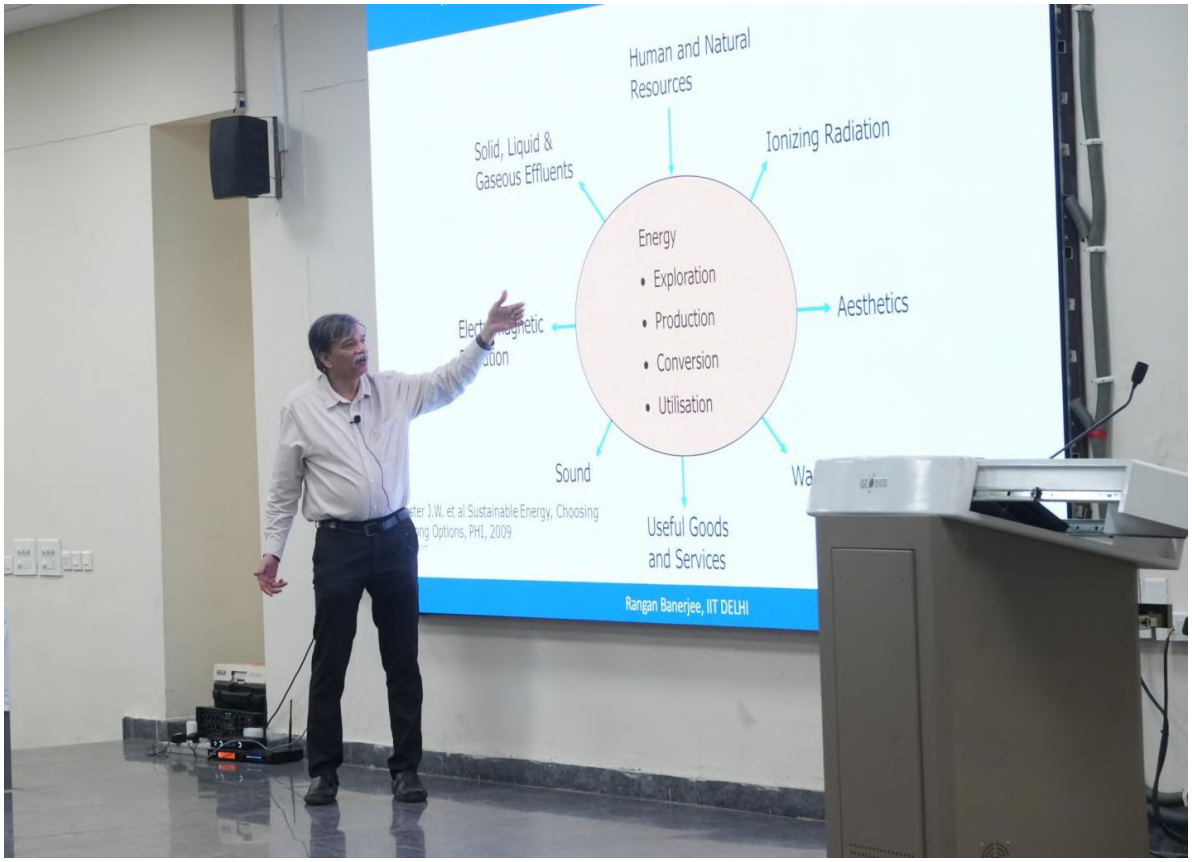
Distinguished lecture on 'Viksit Bharat- Role of Critical Minerals' by Dr. G Parthasarathy (INSA Senior Scientist) on 11 November, 2024

Report missing

Distinguished lecture on 'India's Energy Future: The Sustainability Challenge' by Prof. Rangan Banerjee (Director, IIT Delhi) on 12 November, 2024

The speaker for this distinguished lecture was **Prof. Rangan Banerjee**, a well-known researcher, academician and administrator and, present Director of Indian Institute of Technology, Delhi. This was the 39th lecture in the series which brought together eminent personalities of the highest academic calibre from the community of academia, business, art and culture and the civil society to share their thoughts and ideas to our University community. The program started with a welcome address given by the honorable Vice Chancellor Prof Anand Bhalerao, who discussed the new initiatives taken by Central University of Rajasthan to improve its research and academic infrastructure including creation of academic buildings, hostels, a scientifically designed library and recruitment of non-teaching staff. In line of the talk, he discussed the initiative of installing solar panels in the University campus that would save 60 lakh INR on annual electricity bills.

Prof Banerjee started his talk by explaining the exponential curves for our energy needs and resource depletion, making it clear that the earth has only finite resources but the exponential curve demands infinite resources, so if we do not embrace a sustainable approach, we would definitely run out of resources and present consumption patterns cannot be continued into future. He then discussed UN sustainable development goals followed by growth of air pollutants through emissions, and their effects on environment and human health e.g photochemical smog, ozone depletion, acid rain. Further he discussed about safe operating space for humanity. He went on to explain growth of population along with GDP using Kaya identity. The Kaya identity is a mathematical identity stating that the total emission level of the greenhouse gas carbon dioxide can be expressed as the product of four factors: human population, GDP per capita, energy intensity (per unit of GDP), and carbon intensity (emissions per unit of energy consumed). He discussed about the threat of climate change using oxygen isotopic signatures from ice core samples and the Mauna Loa CO2 curve. He further went on to explain the tragedy of the commons, which is an economic and environmental theory that describes the depletion of a shared resource due to individuals acting in their own self-interest. He talked about different approaches to embark on the path of sustainable development including renewable energy options like solar and wind citing examples from Rajasthan state. He also explained the pros and cons of renewable energy e.g. solar energy can be harnessed efficiently during noon but peak energy demand is during evening. He also discussed different energy storage options. The talk ended with an engaging question answer session.



Distinguished lecture on 'Cultural Nationalism of Bharat' by Dr Om Jee Upadhyay (Member Secretary of the Indian Council of Historical Research, Delhi) on 04 December, 2024

The speaker for the lecture was Dr Om Jee Upadhyay, a renowned researcher, academician, and administrator, popular Television and Podcast presenter, currently serving as the Member Secretary of the Indian Council of Historical Research, Delhi. The event commenced with a warm welcome address delivered by Prof. Anand Bhalerao, Hon'ble Vice Chancellor of CURaj. He highlighted the importance of understanding cultural nationalism in today's globalized context, the importance of the mother tongue and the evolving ideas of Nationalism.

After the formal welcome and introduction of the speaker, Dr Upadhyay began his lecture with a roaring quote originating from the land of Rajasthan to motivate the audience. He then strode onto the fundamentals of Bharat's identity. He elaborated on how cultural nationalism is distinct from political nationalism, emphasizing its basis in shared traditions, spiritual ethos, and historical continuity. Key points included the unity of Bharat as envisioned in ancient texts like the *Vishnu Puran*, describing the land from the Himalayas in the north to the oceans in the south. The role of cultural nationalism enables fostering oneness across diverse linguistic, religious, and regional identities in Bharat.

Dr. Upadhyay shed light on how historical narratives shape cultural nationalism. He highlighted pivotal periods and personalities where he mentioned The Gupta Era was a golden age of cultural amalgamation and intellectual progress, The Bhakti Movement,

which unified people across social and regional divides through devotion and cultural expressions. Not only that, he mentioned Swami Vivekananda's Visions, his meditation in Kanyakumari symbolising the linkinage between Ma Kanyakumari in south and Lord Shiva in the north and the idea of the oneness of DHARM and RASTRA equating nationalism with devotion and culture.

He also mentioned several literary texts like Bankim Chandra Chatterjee's "Anandamath" in invoking cultural pride through the idea of Bharat Mata. He also explored the impact of The Ramayanas in Southeast Asian cultures, particularly in countries like Cambodia, Indonesia, Laos and Thailand. He mentioned South Korea's ties to Bharat, with Queen Heo Hwang-ok tracing her lineage to Ayodhya. Angkor Wat is a testament to Bharat's cultural outreach in Cambodia. He also compared the openness of Indian intellectual traditions, contrasting it with Europe's suppression of figures like Galileo and Bruno. He also spoke about the role of women in ancient India where his lecture mentioned women from all eras from Rani Durgawati, Razia Sultana to Rani Lakshmibai.

Dr. Upadhyay emphasized the need for active efforts in preserving and disseminating Bharat's cultural heritage. For that, he spoke about strengthening the role of organizations like the Indian Council of Historical Research in documenting and promoting India's diverse history, collaborating with educational boards like NCERT and CBSE to integrate rich cultural content into curricula and encouraging research and documentation of lesser-known traditions and histories, particularly in tribal and rural areas.

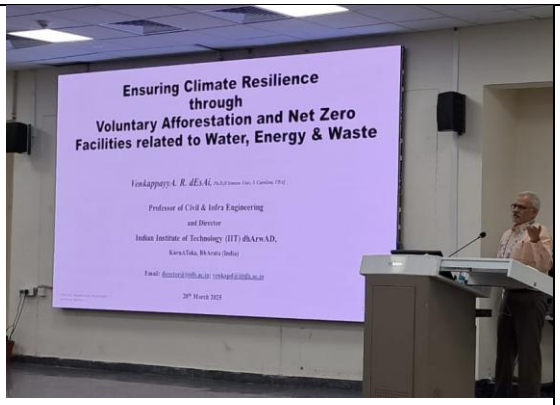
The session concluded with an engaging Q&A segment where attendees posed insightful questions about the relevance of inclusion in ancient India in light of Shakti and Bhakti movements and the steps taken by ICHR for disseminating Primary sources of history. Dr Upadhyay responded with thought-provoking answers and spoke about how his organisation had successfully compiled a comprehensive book of primary sources for Indian history for different periods.



The lecture was a resounding success, leaving the audience with a deeper appreciation of Bharat's cultural and historical richness. Dr C C Mandal delivered the vote of thanks, expressing gratitude to Dr Om Jee Upadhyay for his enlightening talk and celebrating the 40th episode of the distinguished lecture series.

Academic Leadership Engagement Lecture on 'Ensuring Climate Resilience through Voluntary Afforestation and Net Zero Facilities related to Water, Energy & Waste' by Prof. Venkappayya R Desai (Director, IIT, Dharwad) on 20 March, 2025

The speaker for this distinguished lecture was Prof. Venkappayya R Desai, a renowned researcher, academician and administrator, currently serving as the Director of the Indian Institute of Technology, Dharwad. The program was inaugurated by a keynote address delivered by Vice Chancellor Anand Bhalerao, who also hinted about the speaker's proficiency in the Indian Knowledge Systems. The speaker started with the mesmerising Shanti Mantra, invoking peace for Earth, water and vegetation (*Prithivih shantih, Apah shantih, Oshadhayah shantih*). He elaborated on the role of vegetation/ forests in ensuring Integrated watershed mgt. (IWM) & in maintaining ecological balance is well established. He discussed the need to achieve sustainable water, other major natural resources mgt. & also to create additional carbon –ve/ carbon neutral regions/ nations.The speaker discussed in length about the Indian traditional knowledge on Resource Conservation & Mgt. Highlighting the importance of the number 108, segregating it into diffrent components including constellations and annual cycles, particularly focussing on Precipitation Constellations (PCs). He also evoked plant-constellation-zodiac-earth-sun relationships through pictograms. He elucidated how Indian traditional knowledge related to Vriksha Nakshatra (i.e., vegetation constellation) –mentioned in Narada Purana, has a great potential to promote voluntary afforestation & to combat climate change. He said that modern practices like teaching vegetation care even under cold climate to children in Norway, swiftly and systematically shifting totally to renewable energy in Germany, rigorous bicycle training to build a strong army of soldiers in Switzerland, extensively using the drip irrigation to grow orchards in Israeli deserts, practically freezing the total number of vehicles causing pollution over the years in Singapore, also need to be replicated, wherever feasible. He also discussed about Net Zero Water-Energy-Waste (NZWEW) Academic Campuses (AC). Feasible Water and Energy Sustainability Techniques were also discussed. He discussed about how the Indian Green Building Council (IGBC) was established in 2001 at SGGBC, Hyderabad under the Confederation of Indian Industry (CII), as a part of their Green Initiative. He wholesomely praised Tata Motors, Dharwad, which was awarded IGBC Platinum Rated Plant around 2020 –after they achieved Net-Zero Water-Energy-Waste (NZWEW) Status, in around 10-11 years. The session ended with an invigorating Q/A session.



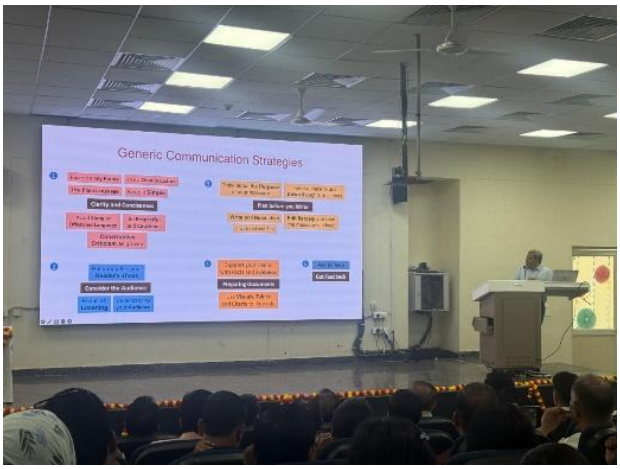


Academic Leadership Engagement Lecture on 'Strategies for Effective Communication' by Prof. Suhas S. Joshi (Director, IIT Indore) on 01 April, 2025

The Central University of Rajasthan (CURaj), under the leadership of Prof. Anand Bhalerao, Vice-Chancellor, hosted a remarkable Distinguished Lecture on April 1, 2025, as part of its 'Academic Leadership Engagement Lecture Series.' This event featured Prof. Suhas S. Joshi, the Director of IIT Indore, a prominent academician and leader in the fields of engineering and technology. His lecture provided valuable insights into effective communication strategies that can be applied in academic, professional, and research settings. The session began with an inspiring presidential address by Prof. Anand Bhalerao, who highlighted the importance of communication in shaping successful professional interactions. He emphasized how non-verbal cues—such as body language, facial expressions, and hand gestures—are vital in reinforcing spoken words. Prof. Bhalerao explained that understanding and mastering these non-verbal signals can significantly enhance one's ability to convey messages with clarity and conviction, especially in high-pressure situations like interviews. His words set a perfect stage for the lecture that followed, underlining the significance of communication in academic and professional growth.

Prof. Suhas Joshi's lecture, titled "Strategies for Effective Communication," was both insightful and engaging. He focused on the key elements of effective communication and provided practical strategies to improve these skills. Prof. Joshi emphasized the importance of clarity and conciseness, urging speakers to avoid jargon and communicate in simple, precise language. He stressed that understanding the audience's needs and perspectives is crucial to tailoring messages appropriately. Prof. Joshi also shared strategies for organizing thoughts before writing, which helps to ensure that ideas are presented clearly and logically. Additionally, he discussed the importance of providing constructive feedback in a respectful, growth-oriented manner and demonstrated how the use of visual aids—such as charts, tables, and well-organized documents—can enhance the clarity and impact of communication.

A particularly fascinating part of the lecture was Prof. Joshi's discussion on how to write an effective abstract. He shared valuable tips on structuring abstracts to make them compelling and engaging. He highlighted the necessity of focusing on the novelty of the research, ensuring that it is clearly conveyed in a way that grabs the reader's attention. Prof. Joshi further illustrated this point with a captivating example from a research study at the University of California, Berkeley, which demonstrated the power of bio-inspired innovation in communication. The Berkeley study involved the fascinating behavior of cockroaches, which can squeeze their bodies through tight cracks and navigate complex environments with remarkable agility. This natural phenomenon inspired the development of a soft robot capable of mimicking the cockroach's ability to navigate confined spaces. The robot, designed by engineers at UC Berkeley, uses a combination of flexible materials and an innovative design to compress its body and pass through narrow openings. This bio-inspired approach has led to the creation of robots that can be deployed in search-and-rescue operations, particularly in disaster-stricken areas where traditional robots may not be able to fit. These robots are not only highly flexible but also resilient, capable of performing critical tasks in environments that would otherwise be inaccessible to standard machines.



By discussing this example, Prof. Joshi effectively demonstrated how to communicate complex scientific concepts in an engaging and understandable way. The technical details of the bio-inspired robot were presented in a manner that highlighted the novelty of the research, its practical applications, and its broader significance, making it a perfect example of how an abstract should be structured to captivate and inform. As the session concluded, the interactive Q&A segment fostered lively discussions on how attendees could apply the communication strategies shared by Prof. Joshi. The participants were eager to explore ways to implement these techniques in their own academic and professional lives. The event was a tremendous success, leaving attendees with a deeper understanding of how to communicate more effectively and with greater impact. The Distinguished Lecture series at the Central University of Rajasthan continues to exemplify the university's commitment to fostering academic excellence and intellectual engagement. By inviting thought leaders like Prof. Suhas Joshi, CURaj ensures that students, faculty, and researchers have access to valuable knowledge that will inspire and shape their academic and professional journeys. This event, in particular, served as a powerful reminder of the importance of communication in all fields and how mastering it can lead to greater success and influence.

Training and Development of Employees Committee

Under the visionary leadership of Professor Anand Bhalerao, Hon'ble Vice Chancellor, the Central University of Rajasthan organized several Teacher Training Programmes in collaboration with NITTTR Bhopal to train teaching staff. These programmes focused on enhancing teachers' knowledge, pedagogical practices, and technological integration in line with NEP 2020. In the first phase, programmes conducted included *Research Methodology and Ethics in Research Publications* (29th July – 2nd August 2024), *Evaluation and Setting of Question Papers* (12th – 16th August 2024), *Research Motivation* (28th – 30th August 2024), *Curriculum Development Process, Design, Evaluation and Implementation* (9th – 13th September 2024), *IPR and Patenting* (23rd – 27th September 2024), *Wellness and Meditation* (30th September – 4th October 2024,), *Micro and Small Rural Incubation* (14th – 18th October 2024), *Management Skills for Professional Teacher Excellence* (4th – 8th November 2024), *Institutional Governance and Leadership* (4th – 8th November 2024), *Training for Lab Development and Preparing Manuals* (18th – 22nd November 2024), *Digital Tools for Teaching and Learning* (11th – 15th November 2024), *Women Entrepreneurship and Empowerment for Inclusive Development* (25th – 29th November 2024), *Empowering Faculty with Innovative Pedagogy and Quality through Technology Integration* (2nd – 6th December 2024), *Learner-Centered Teaching Methodology* (2nd – 6th December 2024), *Outcome-Based Curriculum Development* (16th – 20th December 2024), and *Academic Audit and Institutional Ranking* (18th – 20th December 2024). In the second phase, *NEP 2020 and Its Implementation* (28th April – 2nd May 2025) and *Soft Skills and Holistic Development* (5th – 9th May 2025) were conducted successfully. In the session 2024-25, altogether 286 participants (teaching staff members) have been benefitted from these programmes. Dr Narendra Kumar, Head, Department of Education is the Chairman of the Training and Development of Employees Committee. The committee comprises of Dr Shaizy Ahmed (Member Secretary), Dr Ruchi Malik, Dr Sukhmandar Singh, Dr Gobind Singh, and Dr Subodh Kumar.

Karmayogi - iGOT (Integrated Government Online Training) Platform

The university facilitated training through the Karmayogi iGOT (Integrated Government Online Training) Platform, a digital initiative under Mission Karmayogi. This platform enabled non-teaching employees to complete 89 online training programmes in the session 2024–25. The training focused on developing administrative skills, office management, digital literacy, workplace ethics, and effective service delivery, thereby building a competent and accountable workforce. These online training programmes are planned to foster purpose-driven governance by shifting the focus from rule-based to role-based administration, to cultivate empathy, accountability, and responsiveness in public officials, to strengthen alignment between civil servants' day-to-day work and the larger national development goals. Dr Narendra Kumar, Head, Department of Education is the MDO of Karmayogi – iGOT Platform for Central University of Rajasthan.

UGC-Malviya Mission Teacher Training Centre, Central University of Rajasthan

Under the UGC- Malviya Mission Teacher Training Programme (MMTTP), Central University of Rajasthan conducted programmes aimed at capacity building of teachers and academic leaders. These initiatives focused on pedagogy, ICT integration, research competencies, leadership, and fostering innovation in higher education. As part of this, the NEP Orientation and Sensitization Programmes were organized to create awareness about curriculum restructuring, multidisciplinary education, outcome-based learning, learners diversity and inclusivity, holistic student development, and promotion of Indian knowledge systems. In the session 2024–25, five (05) NEP-SOP were conducted in online mode making a total of 192 participants comprising Assistant Professors, Associate Professors, Professors, and Research Scholars of various HEIs. Dr Narendra Kumar, Head, Department of Education is the Programme Director of UGC-MMTTC, Central University of Rajasthan. The organizing committee comprises of Dr Shaizy Ahmed (Member Secretary), Dr Ruchi Malik, Dr Sukhmandar Singh, Dr Gobind Singh, and Dr Subodh Kumar.









Innovation & Startup activities

The National Symposium on Startup and Entrepreneurship (NSSE 2024), hosted by the Central University of Rajasthan (CURAJ), showcased the institution's commitment to research, innovation, and fostering entrepreneurship. This two-day event served as a vibrant platform for aspiring entrepreneurs, students, and innovators to engage with leading figures from the startup ecosystem, gaining valuable insights into the challenges and opportunities in entrepreneurship. Around 18 delegates from different parts of the country participated in the symposium to share their insights and ideas. More that 100 participants registered to witness the event.

The event featured a distinguished lineup of CEOs and leaders from top incubation platforms, who shared their experiences and strategies for building successful startups

and ecosystems. Two competitions were organized, encouraging young minds to present their innovative ideas and prototypes to industry experts.

The symposium's inauguration, held at the university auditorium on October 4, 2024, was marked by the traditional lamp lighting, followed by the recitation of the Vishwavidyalaya and Swagat geet. The guests were felicitated with Honorarium and Bhagwat Geeta. Dr. Akhil Agarwal, Incharge University's Innovation and Startup cell gave an overview of innovation and startup cell along with NSSE 2024. Professor Anand Bhalerao, Honourable Vice- Chancellor of CURAJ, delivered a powerful inaugural address, highlighting the vital role startups play in driving national economic and social progress. Shri Praveen Roy, Head of TTI Division, Department of Science and Technology, and Dr. Jitendra Kumar, Managing Director of BIRAC, shared inspiring insights as chief guest and guest of honour, respectively. Prof D.C. Sharma, Vice Chancellor Incharge, the chief guests, and the Prof. Vipin Kumar, Registrar Incharge released the proceedings of the symposium to the audience. At last the inauguration ceremony was summoned by thanks giving from Prof. Vipin Kumar, Registrar Incharge.

Post-inauguration, a series of keynote sessions commenced in the seminar hall of the Auditorium of Subedar Jogindar Singh, Academic building 4A5, featuring renowned speakers like Dr. Mrutyunjay Suar, Chairman of BCKIC Foundation, and Dr. A. N. Bhadalkar, Director of Savli Technology Incubator. Their discussions centred on building effective startup incubation centres and the vision for a developed India by 2047. Around 18 distinguished speakers participated from all around the nation to share their insights and discuss the innovative strategies and best practices that helped them build ecosystems that foster creativity, collaboration, and growth.

Mr. Mayur Shetty, CEO of Black Frog Technologies, highlighted innovations in precision refrigeration for healthcare, particularly in the context of rural healthcare solutions while Dr. Bijayananda Panigrahi, CEO of Biopioneer Pvt. Ltd., emphasized the importance of bio-entrepreneurship and translating R&D into successful business ventures. At last Dr Nityanand Sharma, Premas Biotech shared his company's journey in biotech innovations. The day concluded with a visit to the Prototype and Ideathon exhibition, where contestants presented their ideas to the dignitaries. Around 10 protoypes were submitted for the competition by experts from different institutes including NABI, Mohali; Ground water department, Rajasthan. More than 10 ideas were proposed in ideathon competition by the students of CURaj.

Day 2 opened with Dr. Shivani Gupta, CEO of Inochi Care, sharing her entrepreneurial journey in medical technology, followed by Dr. Priyangshu Manab Sarma and Dr. Liza Mittal, who discussed innovations in agri-tech. A second round of the Prototype and Ideathon exhibition followed. The final keynote session included Ms. Nikita and Ms. Nishita, founders of Nexus Power, who discussed their clean energy startup, and Dr. Abhishek Ranjan, Innovation Officer at the Ministry of Innovation Cell, who highlighted successful startup journeys. Ms. Suhani Chauhan, a student innovator, wrapped up the session by sharing her experience in tech-driven entrepreneurship.

The symposium concluded with a valedictory ceremony where the Ideathon and Prototype competition winners were announced. From the __ contestants in the IDEATHON, Abhiraj Mukherjee (Department of Biotechnology, CURaj) won the Ideathon, followed by Hiya Mahabi (Department of Microbiology, CURaj) and Sagar Birajdar (Department of Pharmacy, CURaj). In the Prototype competition, out of ___ participants Tanya Bhayana from Banasthali Vidyapith and Dr. Sarika Gupta secured the first prize, with the second going to Dr. Deepak Mehta, Aman Sharma (NABI, Mohali), and Dr. Satyaprakash, and third prize by Poornima Saraswat, S.K. Saraswat (Delhi), and Viraj Namdeo Dusane.

In his concluding remarks, Dr. Shailesh Kumar Patidar, the Organizing Secretary, praised the event's success, followed by a vote of thanks from co- convener Dr. Shailendra P. Singh. The NSSE 2024 proved to be a thriving platform for showcasing entrepreneurial ventures and innovations in science and technology, leaving participants with fresh insights and inspiration for future endeavours.







Global Bio-India Road show on 30 August 2024 at CURAJ

The “BIRAC GBI 2024 Road Show Event” was held on 30th August 2024 at the Central University of Rajasthan with active participation from faculty members, students, and startup representatives. Dr. Akhil Agrawal, In-charge, Innovation and Startup Cell, delivered a brief introduction about the CURAJ Incubation Foundation and its activities. Prof. Chandi C Mandal introduced about the CURAJ and its progress in recent years. The event was graced by the presence of Ms. Deeksha Rathore, Nominated Representative from BIRAC, and Mr. Abhishek Pareek, Chief Executive Officer, ATAL Incubation Centre,

who shared their valuable insights on entrepreneurship, innovation funding, and collaborative opportunities. Their participation and deliberations enriched the discussions and contributed significantly to the objectives of the program. The event concluded with an interactive session and was marked as a successful initiative towards strengthening the innovation and startup ecosystem at CURAJ.



School of Architecture

DEAN: AR. RITU B. RAI

Department
Department of Architecture

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 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.

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 follow a multidisciplinary approach integrating technology, architecture, engineering, physical sciences, ecology, management, and legal framework. The Programmes follows 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

1. **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.

2. **Ph. D.**

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

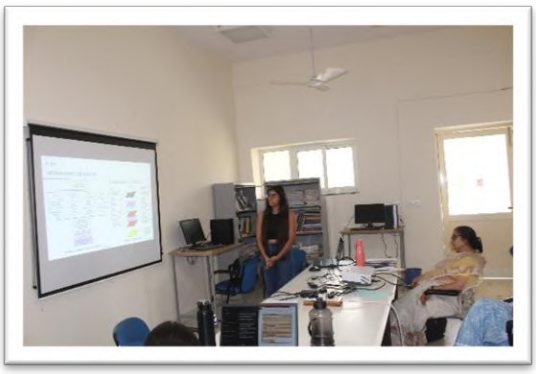
Academic Activities

Expert/Guest lecture

Name	Event	Date
Prof. Tarush Chandra *Professor MNIT, Jaipur*	Invited External Expert for ESE Dec 2025	27.12.2025
Prof. Kalpana Pandit *Professor MNIT, Jaipur*	Invited External Expert for ESE May 2025	23.05.2025

External Review:

- **Prof. Tarush Chandra** (Professor MNIT, Jaipur) was invited as an external expert for review and feedback for Sustainable Design (ARC) & on 27th December 2024.
- **Prof. Kalpana Pandit** (Associate Professor MNIT, Jaipur) was invited as an external expert for the review and feedback for Sustainable Design (ARC 609) & Disseration (ARC 703) on 23rd May 2025.





External expert for the review and feedback for Sustainable Design (ARC 609) & Disseration (ARC 703) on 23rd May 2025

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 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. Anuj Kumar Sharma

The Department of Chemistry has been committed to research and teaching since its inception in 2010. The Department started master's in science (Chemistry), a 2-year program in 2010 and immersed with full-time Ph.D. program in 2012, M. Sc. B. Ed. (Innovative) 3-year program in 2015, and B. Sc. (Chemistry), 4-year program in 2024. 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 14 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, ANRF, STARS etc.

Programs Offered

1. M. Sc. Chemistry (2-Year)
1. B. Sc. Chemistry (4-Year)
2. M.Sc. B.Ed. (Innovative) Chemistry (3-Year)
3. 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 (DST Inspire)	Electroanalytical Chemistry, Bioelectrochemistry, Neuroelectrochemistry, Organic Electrochemistry

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Hideki Yorimitsu	Molecular Metamorphosis: Unorthodox Skeletal Transformations of Arenes and Carbon-Carbon Multiple Bonds,	July 15, 2024 (Offline)
Prof. Takako Muraoka	Experimental and Theoretical Studies on Synthesis, Structures, and Transformations of Ten-Membered Cyclodecatetarene Derivatives Including Two Gallium Atoms	July 15, 2024 (Offline)
Prof. Shudhanshu Sharma	Concept of Dissociative Adsorption in Heterogeneous Catalysis	September 10, 2024 (offline)
Prof. Prabusankar Ganesan	Organometallic Smart Materials	October 14, 2024 (Online)
Prof. Bharat B. Kale	Nanostructured Materials and Quantum Dots for Energy Generation and Storage	December 18, 2024 (offline)
Prof. P. Anbarasan	Catalytic Functionalization of Metallocarbenes Derived from Diazo and Non-Diazo Surrogates (*6th Dr. Sunil G. Nayak Memorial Lecture*)	November 8, 2024 (offline)

Extramural funding received

The Department has various ongoing extramural funded projects of Rs. 49.51 lakhs from different agencies of the Government of India such as ANRF and STARS etc.

Equipment procured/Facility

Gas Chromatography (Thermo Fisher Scientific)

GC-MS (Thermo Fisher Scientific)

HPLC (Shimatzu)

UV-VIS (Agilent- Cary 100)

FTIR spectrometer (PerkinElmer)

Ocean optics UV-VIS Spectrophotometer

Element Analyzer (Thermo Fisher Scientific)

Fluorescence Spectrophotometer

Electrochemical Workstation (Metrohm)

Glove Box (Labconco Corporation)

Polarimeter

Computer Lab

Awards/Achievements

Mr. Mayank Shekhawat	Qualified GATE
Mr. Neeraj kumar	Qualified NET-JRF (Joint CSIR-UGC) and GATE
Mr. Manjeet Singh	Qualified NET-JRF (Joint CSIR-UGC)
Ms. Aditi Gautam	Qualified NET-JRF (Joint CSIR-UGC)
Mr. Abhinav Kashyap Dwivedi	Qualified GATE
Ms. Aarti Yadav	Qualified NET-JRF (Joint CSIR-UGC)
Mr. Bimalendu Behera	Qualified NET-JRF(CSIR)



Prof. Bharat B. Kale Delivering Research Talk



Presentation of a Memento to Prof. P. Anbarasan for Delivering the 6th Dr. Sunil G. Nayak Memorial Lecture



Prof. Prabusankar Ganesan Delivering Research Talk

Department of Pharmacy

Head: Prof. Vipin K. Bhardwaj

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 postgraduate 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 27th 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, Brain targeted drug delivery systems
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	Drug Delivery, Quality-by- Design, Pharmacokinetics, Pharmaceutical

	Professor	Nanotechnology, Herbal Pharmaceuticals
Dr. Smita Jain	Assistant Professor (Contractual)	Neuropharmacology, Computer Aided Drug Design, Mitochondria Transplantation
Dr. Anand Kumar	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

Equipment Procured/Facility

Flash Chromatography System (Thermo Fisher Scientific)	Lyophilizer (Labquip Freezone)
Biosafety Cabinet (Labquip)	E-SPIN Nanotech SUPER ES-2
CO2 Incubator (ThermoFisher, Heracell 15)	4°C Centrifuge NEYA 16R (Remi)
Microplate Reader (Omega, Fluostar)	UV-Vis Spectrophotometer (Agilent Cary Series 60)
Automated Cell Counter (Bio-Rad)	Micro-Plate washer (Rayto)
Incubator (Thermotech)	Rotary Evaporator (Buchi)
-80°C, Deep Freezer (Labquip, Kaltis)	Hematology Analyzer (Hemax 330)
Semi-Automatic Bio-Chemistry Analyzer (Erba)	Tissue organ bath (Baba Gurudita Corporation)

Awards/Achievements

Rakesh Kumar Sahoo	Post-doctoral fellowship at the University of Illinois, USA (2024)
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)
Nishtha Chaurawal	Common Wealth Split Site Scholarship at the University of Bradford UK (2024)

School of Commerce and Management

DEAN: PROF. PRAVEEN SAHU

Department
Department of Commerce
Department of Management

Around 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 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

3. Master of Commerce (M.Com.)
4. 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. Shubham Pandey	Assistant Professor	Accounting and Finance, Entrepreneurship

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Abhijit Dutta	Expert Talk	April 04, 2025
Prof. A. R Tripathi	Seminar	February 02, 2025
Prof. S. K. Sharma	Expert Talk	December 18, 2024
Prof. O.P. Rai	Expert Talk	September 09, 2024

Other Academic Activities

1. Conducted a seminar on Investor Awareness Program on February 24, 2025
2. Conducted an extracurricular activity "Aptitude Marketing Challenge" on October 09, 2024.
3. Conducted an extracurricular activity "Business Brain Buster" on September 25, 2024.
4. Conducted an extracurricular activity "Non-Verbal Communication and Team Building Activity on September 11, 2024.
5. Conducted an extracurricular activity "Interview- Dynamics and Determinants" on September 09, 2024
6. Conducted an extracurricular activity "Puzzles" on September 04, 2024.
7. Conducted an extracurricular activity "Olympian Challenge, Flavour Finder, and Festive Flicks on August 24, 2024.

8. Conducted an extracurricular activity “Brainiac Quiz” on August 14, 2024.

Awards and Achievements

UGC NET/ GATE Qualified students

S.N.	Name	Department	NET/JRF	Batch
1.	YUVRAJ GOUR	Commerce	NET-JRF	2023-25
2.	NEERAJ SHARMA	Commerce	NET	2023-25
3.	GAJANAND PARIK	Commerce	NET	2020-22
4.	TARUN SAINI	Commerce	NET	2023-25
5.	PRAGYA TIWARI	Commerce	NET	2022-24



Interaction with students of the Commerce Department



Convocation @ Commerce - 2025

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

Since its establishment in 2010, the Department of Management has been dedicated to cultivating innovative and adaptable business leaders. Through its full-time MBA

program, which offers specializations in Finance, Human Resource Management, and Marketing, the department provides a high-quality, values-based education to 30 diverse students annually. Faculty members combine rigorous academic inputs with hands-on activities to prepare students for real-world challenges. A strong emphasis on impactful research, including a robust Ph.D. program and focused areas like Consumer Research and Business Digitalization, supports this vision. The department's strong alumni network is a testament to its success, consistently placing graduates in reputable organizations.

Programs Offered

1. Master of Business Administration (M. B.A)
2. Ph.D. Management

Faculty

Name	Designation	Area of Specialization
Prof. Uma Sankar Mishra	Professor	Marketing Research, Consumer Behaviour, Quantitative Techniques, Research Methodology
Dr. Sanjay Kumar	Assistant Professor	Stock & Derivative Markets, Financial Management, Risk Management, Management Accounting, Operations Research
Dr. Avantika Singh	Assistant Professor	Organisational 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	Marketing, Economics

Extramural funding received

1. Dr. Avantika Singh, Co-PI, received funding of Rs. 20,00,000 from the funding agency, ICSSR, New Delhi.
2. Dr. Ramulu Bhukya, Co-PI, received funding of Rs. 8,00,000 from the funding agency, ICSSR, New Delhi.

School of Earth Sciences

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. 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 Lightning 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. Bijon K Mitra *Institute for Global Environmental Strategies, Japan*	Local stakeholder's consultation workshops	25 & 26 June 2025
Dr. Vibhas Sukhwani *Institute for Global Environmental Strategies, Japan*	Local stakeholder's consultation workshops	25 & 26 June 2025

Conference/ Workshop/Symposium organized

1. Department of Atmospheric Science celebrated "WORLD METEOROLOGICAL DAY" on 24 March 2025. Theme of this programme was "Closing Early Warning Gap Together".
2. Organized a program in celebration of Earth Day, 22 April 2025 in the Department.
3. Organized a training programme on Solid waste management "Role of

housekeeping staff" Ending Plastic Pollution Globally Organized at School of Earth Sciences on 3 June 2025.

4. Organized Idea competition under School of Earth Science based on "Ending Plastic Pollution Globally" on occasion of World Environment Day (04 June 2025)
5. Organized the Post-Budget webinar on Theme 4: Investing in People telecasted by The Ministry of Education where prominent leaders discussed education, skill development, healthcare, and economic growth as critical pillars for Viksit Bharat 2047. The webinar was telecasted in the auditorium of the School of Earth Sciences, Central University of Rajasthan on 5 March 2025.
6. Conducted National Students Paryavaran Competition (NSPC) 2025: "HARIT - The Way of Life" Organised by Paryavaran Sanrakshan Gatividhi (PSG) in association with Central University of Rajasthan.
7. Organized Local stakeholder's consultation workshops are organized at two sites in Gram Panchayat – Patan and Gram Panchayat – Bandar Sindri with the coordination with IGES, Japan on 25 & 26 June 2025.

Other Academic Activities

1. Outreach Visit to Nearby Village and Local Market for Plastic Pollution Awareness on the occasion of World Environment Day on 29 May 2025
2. Preserving Cryosphere: Heritage for sustainable Earth on the occasion of World Day for Glaciers on 21 January 2025
3. Dr. Chinmay Mallik received financial support from Korea's National Institute of Meteorological Sciences (NIMS) to attend WCC-SF6 (2024) from 4-8 November 2024
4. Dr. Subrat Kumar Panda received financial support from GEWEX, Japan to attend 9th GeWEX open science conference (2025) from 4-12 July 2024
5. Dr. Subrat Kumar Panda received financial support from Kagawa University to attend a workshop from 22-23 May 2025

Extramural funding received

1. Dr. Subrat Kumar Panda received Monsoon Mission project from MOES as a Co-PI (42.65 Lakhs)
2. Dr. Devesh Sharma received 3.75 Lakh from IGES, Japan in the project of Actionable Research on Circulating and Ecological Sphere (CES) Model Development in Ajmer.
3. Dr. Chinmay Mallik received 10 lakhs fund from SPL, VSSC, ISRO for ISRO-GBP-ARFI Project.

Equipment procured/Facility



Idea competition "Ending Plastic Pollution Globally" on occasion of World Environment Day (04 June 2025)



Training on Solid waste management "Role of housekeeping staff" Ending Plastic Pollution Globally (03 June 2025)



Stakeholder's Consultation Workshop with IGES, Japan at Gram Panchayat – Bandar Sindri (26 June 2025)

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	Associate Professor	Environmental Biotechnology, Microbial Biodegradation of POP's (Pesticides, Pharmaceuticals and antibiotics)
Dr. Ritu Singh	Assistant Professor	Environmental Toxicology, Environmental Pollution, and Management, Nanoremediaition
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.

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Jadu Dash Professor & Director, Southampton Geospatial, Department of Geography and Environmental Science, University of Southampton, UK	Utilising the power of remote sensing and Artificial Intrlligence for Enronmental and social Impact	August 5, 2024
Prof. Sandeep Kumar Professor and Department Chair Fulbright Scholar Department of Civil and Environmental Engineering Director, Biomass Research Laboratory Old Dominion University, Norfolk, VA 23529 757-683-3898 (O), 757-683-5354 (FAX)	Foreign faculty of the GIAN course and organized student interaction session for career counseling	April 8, 2025

Conference/ Workshop/Symposium organized

Workshop Cum Hnads on Training on Trace gas analysers on 16-Oct-24.

Integrating Artificial Intelligence into Teaching, Learning, and Research: Transforming Education in the Digital Age, 18-Oct-24

Global Initiative of Academic Networks (GIAN) Course Title: Renewable carbon and fuels from organic waste, April 07 - 11, 2025

World Day for Glaciers- Preserving cryosphere heritage for sustainable earth, 21-Mar-25

National Symposium on Start up and Entreprenuership, Oct 4-5 , 2025

Other Academic Activities

Celebration of World Environmental Day 2025 on 5th June 2025.

Organized "Idea competition “Ending Plastic Pollution Globally” on occasion of World Environment Day (04 June 2025)" June 4 2025

Organized Outreach Visit to Nearby Village and Local Market for Plastic Pollution Awareness, June 2025

Celebrated Earth Day -2025 on 22ng April, 2025

Celebrated World Wetland Day-2025 on 2nd Feb., 2025

Organized Tide Turner Plastic Challenge 2025: Central University of Rajasthan

Organized National Environmental Youth Parliament-2025, Feb.2025

Celebrated World Ozone Day on 19th September 2024.

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-ANRF, DST, DBT & Ministry of Ayush etc.

Equipment procured/Facility

- Fourier transform infrared spectroscopy (FTIR)

Awards/Achievements

- Mr. Prashant Kumar Jaiswal received Fellowship from foundation of education and research in climate change (FERCC)
- Mr. Shubham Kumar received SWS Research Award from Society Wetland Scientists
- Mr. Shubham Kumar received Wetzel Travel Award 2024 from International Society of Limnology (SIL), Brazil
- Mr. Shubham Kumar received Training & Travel Award 2024 fromBritish Ecological Society (BES), UK
- Mr. Shubham Kumar received International Travel Grant 2024 from CSIR, India

- Mr. Shubham Kumar received Wetland Professional in Training' (WPIT) Certificate from Society of Wetland Scientists Professional Certificate Program (SWSPCP)
- Ms. Ishitakariya received Travel Grant Award from India Geoscience and Remote sensing Symposium 2024, Goa
- Ms. Ishitakariya received Travel Grant Award 26th International Union of Forest Research Organizations, World Congress, Stockholm
- Mohd Ashraf Dar, received Ecosphere program, Marie Curie Postdoctoral fellowship
- Ms. Bhawna Yadav received Travel Grant Award from ISPSR, Dubai
- Ms. IQRA CHOUDHARY received National Fellowship and Scholarship for Higher Education of ST Students from Ministry of Tribal Welfare, Govt. of India
- Mr. SAURABH CHOUDHARY Qualified-GATE, GATE-2025
- Ms. Preksha palsania, received Travel Award from, Department of Biotechnology (DBT), Govt of India
- Ms. Prity received Student Travel Grant by FGRC-2025 from Frontiers in Geosciences Research Conference (FGRC) - 2025, Physical Research Laboratory (PRL), Navrangpura Ahmedabad, Gujarat, India. E-mail: fgr@prl.res.in
- Ms. Prity received Financial support for presenting in National Seminar on Natural Hazards in the Anthropocene: Mitigation, Resilience and Sustainability" – 2025 from"Department of Geography, Kirori Mal College, University of Delhi, Delhi 110007,
- Ms. Tanuja received Travel, Accomodation Grant by ICTP – 2025, 6th Summer School on Theory, Mechanisms and Hierarchical Modelling of Climate Dynamics: Artificial Intelligence and Climate Modelling, Abdus Salam International Centre for Theoretical Physics (ICTP),
- Ms. Naziya Tarannum received Travel support, ACAM 2025 & training school, Bali
- 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 (16th November- 20th 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

Ms. Mahima Yadav	UGC-NET
Mr. Vedansh	UGC-NET
Ms. Kumari Aditi	UGC-NET
Harshita Jangid	UGC-NET
Tarun Meena	UGC-NET
Om Prakash Chowdhary	UGC-NET
Bhavya Swami	UGC-NET
Madhuri Meena	UGC-NET
Manish Kumar	UGC-NET
Tanvi Choudhary	UGC-NET



Activity on World Environment Day -05 June 2025



5 Day Global Initiative of Academic Networks (GIAN) Course on Renewable carbon and fuels from organic waste, April 07 - 11, 2025

School of Engineering and Technology

DEAN: DR. PRAKASH CHOUDHARY

Department
Department of Computer Science & Engineering
Department of Electronics and Communication Engineering
Department of Biomedical Engineering

The School of Engineering and Technology was established in the University in the year 2010 to impart quality technical education for sustainable development. The school offers post-graduate and research programs in Engineering and Technology. The objective of the School is to play a prodigious role in achieving the vision of the University i.e., education for sustainable development. The school aims at providing excellent training to students/scholars in advanced technologies, so as to produce engineering graduates of high caliber and moral values. The School aims at being a pioneer in the field of engineering education and research. The School has currently three department i.e. Computer Science and Engineering (CSE), Electronic and Communication Engineering (ECE), and Biomedical Engineering and is expected to expand very soon to achieve its goal.

Department of Computer Science & Engineering

Head: Dr. Basant Agarwal

The Department of Computer Science and Engineering was established in the year 2010 under the School of Engineering and Technology. Currently, the department offers 4 years of B.Tech. Program introduced in 2019, 2-year MTech. Program in Computer Science Engineering and a Doctoral program. The department is striving hard to generate skilled Computer professionals to contribute towards the progress of the country in the information age. The department is working on new emerging areas like Information Testing, Security Audit, Digital Forensics, Deep Learning, Natural Language Processing, Medical Image Processing, etc. The department is enriched with faculty graduated from reputed institutes like IIT's and NIT's, having vast experience and competence. The laboratories are equipped with modern Computer Systems and software to train our students on the latest technologies. The department has produced graduates with high Calibre and Competence, which is evident from its exceptional placements and higher studies by its alumni. The department has made remarkable contributions in research, publishing a decent number of papers in reputed International Journals and conferences, undertaking research projects from esteemed organizations. The department is striving hard towards achieving the goals of the University and to serve the society by producing engineering graduates of high Calibre.

Programs Offered

1. M. Tech. in Computer Science & Engineering
2. Ph.D. in Computer Science & Engineering
3. B. Tech. in Computer Science & Engineering

Faculty

Name	Designation	Area of Specialization
Dr. Prakash Choudhary	Associate Professor	Information Retrieval, Image Processing, Machine Learning and Pattern Recognition, Multilingual Text Recognition, Federated Learning and Medical Imaging.
Dr. Basant Agarwal	Associate Professor	Natural Language Processing, Machine Learning, Deep Learning
Dr. Gaurav Somani	Associate Professor	Network Security, Cloud Computing and Security Engineering.
Dr. Ravi Shaharan	Assistant Professor	Information Security, Theoretical Computer Science, Algorithms and Computer Graphics, Image Processing, Database Management Systems.
Dr. Muzzammil Hussain	Assistant Professor	Information Security, Security in Wireless Sensor Networks, IoT, IIoT and Cognitive Radio Networks.
Dr. Tarun Kumar	Assistant Professor	Image Processing, Deep Learning and Blockchain Technology

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date

Dr. Prakash Choudhary	'Deep Learning in Medical Image Analysis' 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' 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.	on 18th Of December 2023 29th Of February 2024,
Dr. Gaurav Somani	Cyber-attack Presence Identification using OS and application variables, at Department of CSE, SVNIT Surat and NIT Warangal, E & ICT FDP on Information Security and Privacy Preserving Strategies for IoT, Jan 27- Feb 6, 2025. Cloud Security issues and solutions, at Department of CSE, NIT Warangal, E & ICT FDP on Building Services in Smart City Through IoT-Edge-Fog-Cloud Federation, 4th to 15th November, 2024.	05 Feb 2025 11 Nov 2024
Dr Basant Agarwal	Decision Tree, Random Forests, Faculty Development Program on "Mathematics for AI: Algorithms, Optimization and Beyond" from 26th May to 20th May 2025. This program is funded by the Ministry of Electronics and Information Technology, Government of India	27/5/2025

Conference/ Workshop/Symposium organized

1. One day Workshop on "Internet of Things" on 21 October 2024.
2. Five Day Workshop on Universal Human Values : Module 1 of Student Induction Program from Sept. 23-27, 2024

Other Academic Activities

1. "Start Up and Innovation 2.0" on 14 September 2024.
2. "Digital India Talk show cun University Workshop" on 17 January 2025.

Equipment procured/Facility

Procured 15 Apple Desktops for AI/ML Lab

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 in Electronics and Communication Engineering
2. Ph.D. in Electronics and Communication Engineering

Faculty

Name	Designation	Area of Specialization
Dr. Sanyog Rawat	Associate Professor	Reconfigurable RF printed circuits, Microwave and Millimetre wave technology
Dr. Rajan Singh	Associate Professor	Electronic device, Nano-bio sensors, MEMS/NEMS
Dr. Milan Sasmal	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

Orientation program for new entrants

Engineers' day celebration on 15 Sept. 2024

Department of Biomedical Engineering

Coordinator: Dr. Chandan Kumar

Since its establishment in 2020, the Department of Biomedical Engineering has been dedicated to cultivating innovative and adaptable technocrat. Biomedical engineering (BME) is an emerging and fascinating interdisciplinary area that exploits engineering principles to resolve healthcare/medical challenges in wide areas ranging from therapeutics to diagnostics. The discipline provides fundamental insights onto healthcare technologies, improved diagnostics, novel interventions (efficacious therapeutics, innovative drug delivery systems, technologies defining PK/PD behaviour of drugs, medical image technology for surgery), medical devices, prosthesis, implants, biomaterials and artificial organs.

Programs Offered

1. B.Tech. in Biomedical Engineering

Faculty

Name	Designation	Area of Specialization
Dr. Chandan Kumar	Assistant Professor	Energy Harvesting , Biosensors, Materials Science, Biomaterials
Dr. Sandeep Choudhary	Assistant Professor	Biosensors, Bioinstrumentation
Dr. Vikrant Singh Rajput	Assistant Professor	TB and anti-microbial therapeutics discovery and development
Dr. Manas Kumar Nag	Assistant Professor	Biomedical Imaging and Analysis, Biosignal Processing and Analysis

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 Rupendra Singh Rajpurohit	Assistant Professor	Fatigue, Fracture, Design and Thermal, Mechanical Behavior of Materials, Structure Property Correlation, Robotics
Dr. Renu Kumari	Assistant Professor	Semiconductor device physics, nanomaterials fabrication and electrical characterizations,

School of Humanities and Languages

DEAN: PROF. SANJAY ARORA

Departments

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

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 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

- Ph.D. in English
- M.A. 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 Writings, Gender Studies
Dr. Neha Arora	Assistant Professor	Dalit Literature, Comparative Literature, Literature of the Margins
Dr. Devendra Rankawat	Assistant Professor	Postcolonial Studies, Creative Writing
Dr. Ved Prakash	Assistant Professor	Partition Literature, African-American Literature & Caribbean Literature
Dr. Savita Andelwar	Assistant Professor	Indian Writing in English, Comparative Literature & Film Studies

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Pranta Pratik Patnaik Assistant Professor, Dept. of Culture & Media Studies, School of Social Sciences, Central University of Rajasthan	The silence of Stereotypes framing Marginalities in Indian Cinema	16 April 2025

Conference/ Workshop/Symposium organized

One day seminar by Prof. N. Lakshmi Aiyer and Prof. Avinash Jodha on “Sage Agasthya” on 24 June 2025.

Department of Hindi

Head: Dr. Shital Prasad Mahendra

The department is working energetically with an intention to meet the research challenges of the society in various fields like media studies, women studies, folk literature, functional Hindi and its styles fulfilling the needs of the present trend. It is enriched with the efficient Faculty members from multiple states having sound research

experience, handling special papers in comparative, Indian Novels, Indian poems, folk Literature, media standing as a symbol of Unity in Diversity. The department is functioning as a nodal Centre for imparting expertise for the implementation of official language in Central Government institutions

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Prof. N. Lakshmi Aiyar	Professor	Comparative literature
Dr. Shital Prasad Mahendra	Associate Professor	Sant Sahitya, Mass Communication
Dr. Suresh Singh Rathore	Associate Professor	Katha Sahitya, LokSahitya, Modern Poetry
Dr. Mamata Khandal	Assistant Professor	Comparative Studies, Translation, Modern Hindi Literature & Poetry
Dr. Akshansh Bhardwaj	Assistant Professor	Prachin & Madhyakalin Sahitya, Tulsidas Sahitya
Dr. Gajanan savrdnya	Assistant Professor	Adhunik Katha Sahitya

The following students have qualified UGC NET/JRF

Name of the Students	NET/JRF	Batch
Amit	JRF	2022-2024
Geeta Kumari	JRF	2022-2024
Ishwar Lal	NET	2023- 2025
Praveen Kumar	NET	2023-2025
Rohit Kusmariya	NET	2023-2025
Vishal Gour	NET	2023-2025
Kavita	NET	2023-2025
Ujjwal Raj	NET	2023-2025

Department of Linguistics

Head: Dr. Bhumika Sharma

The Department of Linguistics was established under the aegis of School of Humanities & Languages in the academic session 2019-20. It pioneers to promote the study of language sciences by introducing an interdisciplinary approach. It seeks to understand the properties shared by all natural human languages by addressing the multi-dimensional phenomena related to human speech & language production and perception. The scope of study encompasses the scientific understanding of how languages are structured, how they are processed in the brain, how children and adult learners acquire language, how languages vary and change, how language becomes instrumental in conveying different contexts and cultures; and how it is used by individuals and groups to communicate.

The department offers an extensive field of language study that covers different areas of learning, integrating social and biological sciences. It also provides mathematical and computational orientation to language study; which enables understanding the underlying pattern present in a set of language data. Developing an understanding of human language and its diverse uses and applications in society, the Department lays strong prospects in humanities, education, clinical field and corpus analysis.

About The Programme

The programme offers a comprehensive knowledge of language sciences and linguistics, enhanced by the rudimentary acquaintance with mathematical modelling, computational techniques and statistical tools for analysing the real-world related language phenomena. It inculcates skills in using technology-based tools for language analysis and language processing. Through the study of formal structure of language, its processing and acquisition at different linguistic levels, the program provides an extensive knowledge of the field. The program aims to train students as professional linguists, fully equipped with analytical and linguistic skills, quantitative and ICT techniques, field methods and indigenous language acquaintance.

Programs Offered

1. M. Sc. Linguistics and Language Sciences
2. 4 Yr. B.Sc. Linguistics and Language Sciences
3. Ph.D. Linguistics

Faculty

Name	Designation	Area of Specialization
Dr. Dhanapati	Assistant	Morphology, Lexical Semantics, Sociolinguistics, Lexicography, Language

Shougrakpam	Professor	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/Seminar/Visit

Name	Event	Date
Dr Kakali Mukherjee	International Mother's Language Day, 2025	21 Feb 2025

Awards / Achievements

- Two Students of the batch 2020 cleared UGC-NET in Linguistics and 4 cleared GATE in Linguistics.
- Three Students of the batch 2021 cleared GATE in Linguistics

School of Life Sciences Science

DEAN: PROF. CHANDI C 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, numbers of postdoctoral fellows are working in the department. In the current academic session, School of life sciences has moved to its permanent building with state of art laboratory for each Faculty and Central instrumentation facility in each department. In the new building SLS also has modern seminar halls, auditorium and smart classes.

Department
Department of Biochemistry
Department of Biotechnology
Department of Microbiology

Department of Biochemistry

Head: Prof. Chandi C Mandal

Department of Biochemistry, Central University of Rajasthan came into existence in July 2012 under the School of Life Sciences. Course curriculum is aligned with education, research and innovation to warrant efficient addressal of societal needs and at same time ensuring employment of skilled graduates for nation building. Research based training along with research publications supported by well-established faculty laboratories enriched with extramural funding promotes students to get opportunity for higher studies in various reputed national and international institutes. Department received DST-FIST program for development of cutting-edge research facility.

Programs Offered

1. Integrated M. Sc. Biochemistry
2. 4 years BSc biochemistry
3. Ph.D. Biochemistry

Faculty

Name	Designation	Area of Specialization
Prof. Chandi C Mandal	Professor	Cellular Signaling Associated with Cancer and Bone Biology.
Prof. Sanjib K Panda	Professor	Functional Genomics, Genome Editing &

		Genetic Engineering, Plant Molecular Biology & Biochemistry
Dr. Hemant Daima	Associate Professor	Nanotechnology, Nanobiotechnology, Nanomedicine, and Nanotoxicology.
Dr. Vishvanath Tiwari	Associate Professor	Antimicrobial Resistance; Host-Pathogen Interactions; Drug Discovery; Protein Biophysics
Dr. Shiv Swaroop	Assistant Professor	Protein Engineering and stability, Vaccine design, extremophilic bacteria and their enzymes
Dr. Dhaneswar Prusty	Assistant Professor	Antimalarial Drug discovery by using in silico, in vitro, and parasite culture methods
Dr. Dipak Gayen	Assistant Professor	Genomics, Proteomics, Molecular Biology, and Genetic Engineering of Crop Plants
Dr. Bhawana Bissa	Assistant Professor	Functional Genomic Analysis of Autophagy Process in Tumorigenesis
Dr. Joydeep Aoun	Assistant Professor	Membrane Transport and Trafficking

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date

Dr. Kanwar Research Scientist, Instut fur Botanik, Heinrich Heine University Düsseldorf, Germany	Departmental Seminar	23.10.2024
Prof. Petra Bauer, Institute of Botany, Heinrich Heine University, Düsseldorf, Germany	Workshop: Academic success: navigating applications, crafting proposals, and promoting diversity in research, Department of Biochemistry, Central University of Rajasthan	21.3.2025

Extramural funding received

Department of Biochemistry received prestigious DST-FIST of Rs. 118 lakhs.

Equipment procured/Facility

Our laboratory is equipped with various instruments needed for the basic and applied research which includes multimode plate reader, centrifuge, incubator, nanodrop spectrophotometer, deep fridge (-80^{0}C, -150^{0}C), Laminar hoods, Ice machine, BSL-2 cabinets, compound and inverted microscopes, and facility for animal cell culture, bacterial cell culture and bioinformatics work.

Department of Biotechnology

Head: Dr. Jay Kant Yadav

The Department of Biotechnology at the Central University of Rajasthan was established under the School of Life Sciences in July 2011. The Master's program in Biotechnology was launched as the flagship program of the department. In the following academic year (2012–13), a Ph.D. program was introduced, followed by the initiation of an integrated M.Sc. program in 2013–14. Additionally, a four-year B.Sc. (Hons.) program has been running since the academic year 2024–25.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 Year Program)
4. Four Year B.Sc. Biotechnology (04 year Program)

Faculty

Name	Designation	Area of Specialization
Prof. Gajanan B. Zore	Professor	Fungal Biology and Plant Genetic Engineering
Prof. 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. Jayendra Nath Shukla	Assistant Professor	Insect Genetics and Molecular Biology
Dr. Khem Raj Meena	Assistant Professor	Lipopeptides, antmicrobial resistance, antibiotics
Dr. Gajendra Singh	Assistant Professor	Ubiquitin biology and Protein Biophysics
Dr. Navnit Kumar Ramamoorthy	Assistant Professor	Bioprocess engineering for bio refineries ,e-DNA tech, and in-vitro metabolic engineering
Dr. Surendra Nimesh	UGC FRP Assistant Professor	Nanotechnology based Drug and Gene Delivery

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 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 2024-2025

• Mammalian Transfection System • Bacterial Transfection System • Stereozoomic Microscope • Liquid N2 storage container • PCR • UV-Vis Spectrophotometer • Refrigerated Centrifuge • Green House • Shaking Water bath • Rotary Evaporator • Electrophoresis System • Fluorescent Microscope • Incubator Shaker • Multigas Incubator • Sonicator • Biosafety Cabinet	• Fermenter • High and live cell imaging fluorescence Microscope • Autoclave • Centrifuges • Flow Cytometer • Lyophilizer • Analytical Balance • Computer Workstations • Cooling Incubator • Trans Blot • Deep Freezer • Thermo Shaker • Cold Cabinet • Nanodrop • Laminar Air Flow • Fluorescence spectrophotometer • Gel Doc System




Department of Microbiology

Head: Dr. Akhil Agrawal

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
4. Four Year B.Sc. Microbiology

Faculty

Name	Designation	Area of Specialization
Dr. Akhil Agrawal	HoD, Associate Professor	Petroleum microbiology, Metagenomics, Cyanobacterial biotechnology
Dr. Pradeep Verma	Professor	Research focuses on developing scientific processes and technologies to produce various economically

		important bioproducts such as enzymes, metabolites, and biofuels.
Dr. Pawan Kumar Dadheech	Professor	Microbial diversity and phylogenetics, Metagenomics, Cyanobacterial bioprospecting, Cyanotoxins
Dr. Inshad Ali Khan	Professor	Clinical Microbiology focusing on the identification of new targets/ new compounds/ new target based assays against Mycobacerium tuberculosis and bacterial efflux pump inhibition
Dr. Nidhi Pareek	Assistant Professor	Microbial proteomics, Marine bioprospecting, Bioprocess development
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. Rameshkumar Marimuthu Ragavan#	Assistant Professor	Bacteriophage Biology and Phage-Based Therapeutics
Dr. Jayesh Manohar Sonawane##	Assistant Professor	Developing advanced sensors and microfluidic systems, coupled with bioelectrochemical and nanowire technologies, to create innovative solutions in energy and environmental sustainability
# Joined at the post Assistant Professor on 25.04.2025 ## Joined at the post Assistant Professor on 13.06.2025		

Academic Activities

Prof Pradeep Verma

Award

- IAWS Fellow in the area of "Fungal Microbiology" from The International Academy of Wood Science at 2024.
- NABS Fellow" by National academy of biological Sciences at 2024
- International Travel support-DBT-CTEP by DBT at 2024.

Project Grants

- INR 88,39,080.00 From the Department of Biotechnology for the implementation of the project entitled "Modulating bio-photolytic pathways and integrating one-step multienzymatic pre-treatment of fermentative biomass in microalgal system for enhace hydrogen production"

Prof. Inshad Ali Khan

Project Grants

- INR 9.60 crore from SERB for implementation of the project entitled "Creation of ABSL-3facility at CURAJ under Rajasthan bio-cluster for infectious diseases, therapeutics and diagnostics" from 2022 for 05Years
- INR 23,54000.00 from SERB-CRG for implementation of the project entitled "Targeting the frameshifting site of SARS-CoV2 RNA genome with focused RNA libraries using dual-luciferase reporter assay" from 2023 for 03Years.

Dr. Akhil Agrawal

Awards

- Rajasthan State Innovation Award by funding agency DST Rajasthan, State innovaiton Council on year 2025 for Research and Innovation
- Research Monitization Award by Startup Mahakumbh 2025 for Research and Innovation

Project Grants

- INR 35,00,000.00 from Indo-Malaysia Project (ASEAN) India S&T Development Fund (AISTDF) and DST-SERB for the implementation of the project entitled "Characterization of Fatty Acids from Cyanobacteria for Their Application as Food Emulsifier" CRD/2022/000615, , 2024 year, duration 2 years (February, 2024 to January, 2026).
- INR 4500000.00 from DST CRG for the implementation of the project entitled "Development of High-Performance Modified Polymers for Enhanced Oil

Recovery from Non-Producing Reservoirs" 2021year, duration 03 year (31 Dec 2021- 30 Dec 2024).

- INR 05.00Crore from DST for the implementation of the project entitled "Establishment of inclusive TBI at Central University of Rajasthan (iTBI-DST)", Department of Science and Technology, year 2024,Duration: 03 years (February 2024- January 2027).

Dr. Nidhi Pareek

Award

- Best Researcher Award by Central University of Rajasthan in the year 2025

Project Grants

- INR 36,00,000.00 From the Anusandhan National Research Foundation (ANRF) for the implementation of the project entitled " Upcycling of chitin rich residual resources for targeted production of organonitrogen chemicals".
- INR42,00,000.00 from the Department of Science and Technology (DST) for the implementation of the project entitled "Development of hybrid photosynthetic microbial-electrochemical desalination cell with coupled bio-energy generation".
- INR 75,00,000.00 from the Department of Science and Technology (DST) Indo-Russia for the implementation of the project entitled "Enhancing the efficiency of clean energy production by intensifying anaerobic bioconversion of organic waste using solar energy".

Equipment procured/Facility

➢ Compound Microscope	➢ UV-Vis Spectrophotometer
➢ Thermal Cycler PCR	➢ Rota Evaporator
➢ Refrigerated Centrifuge	➢ Biosafety Cabinet
➢ Shaking Water bath	➢ Centrifuges
➢ Electrophoresis System	➢ Laminar Air Flow
➢ Incubator Shaker	➢ Thermo Shaker
➢ Autoclave	➢ Deep Freezer (-80^0 C & -20^0 C)
➢ Analytical Balance	➢ CO2 Incubator
➢ Cooling Incubator	➢ Distillation Unit (Milli Q water)
➢ FPLC	➢ Elisa Reader
➢ Inverted Microscope	➢ Freezer dryer/Lyophilizer

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

Students Award/ Achievements:

1. Ms. NEHA JEENA (2021PHDMB002) Research Scholar received "ANRF ITS-Travel Grant" by Department of Science and Technology2025,
2. Ms. NEHA JEENA (2021PHDMB002) Research Scholar received "DBT-CTEP-Travel Grant" by Department of Biotechnology,2025.
3. Mr. RAHUL KUMAR (2023MSMB018) qualified at GATE-2025
4. Mr. ANKUSH KUMAR VERMA (2023MSMB005) qualified at GATE-2025
5. Ms. HIYA MAHABI (2023MSMB011) qualified at GATE-2025
6. Mr. KESHAV KUMAR (2023MSMB013) qualified at NET-JRF-Dec., 2024, GATE-2025.
7. Ms. SOUMYA SINHA (2020IMSMB027) qualified at GATE-2025
8. Mr .SHUBHAM SARASWAT (2020IMSMB025) qualified at GATE-2025
9. Mr. ASHUTOSH BISHI (2022IMSMB001) Integrated M.Sc. Programme (Exit, B.Sc. Degree Awarded) selected for Integrated Ph.D. from the IIS, Bengaluru .
10. Ms. JYOTI KUMARI (2022IMSMB005) Integrated M.Sc. Programme (Exit, B.Sc. Degree Awarded) selected for M.Sc. (Bioinformatics) from Savitribai Phule Pune (SPPU).
11. Ms. HIMIKSHA SINGH (2022IMSMB003) Integrated M.Sc. Programme (Exit, B.Sc. Degree Awarded) selected for M.Sc. (Big Data Biology) from IBAB, Bengaluru.



Rajasthan State Innovation Award on Development of Wetalter Formulation for Enhanced Oil Recovery from Non-Producing Wells Won by Dr. Akhil Agrawal



Dr. Nidhi Pareek, Assistant Professor, received "Best Researcher Award 2025" by CURAJ.

School of Mathematics, Statistics and Computational Sciences

DEAN: PROF. MAMTA RANI

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. Gaurav Meena

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. The NEP 2020 based Four-Year UG +1-Year M.Sc. (Computer Science) is started from 2024-25. This Program provide flexibility to students with multiple exit and entry options at the successful completion of courses assigned at the end of each year.

Programs offered

1. Ph.D.
2. M.Sc (2 years Program)
3. Integrated M.Sc. (5 years program)
4. 4-Year B.Sc. (Computer Science) +1-Year M.Sc. (Computer Science) 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	Vehicular Ad-hoc Network, Wireless Sensor Network, IoT, Deep Learning
Dr. Gaurav Meena	Assistant Professor	Machine Learning, Information Security, Sentiment Analysis
Dr. 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
Mr. Nitesh Kumar Jangid	Assistant Professor	Cloud Computing, Big Data Processing, Web Technology

Department of Mathematics

Head: Dr. Anand Kumar

The Department of Mathematics was established in the very first year of the establishment of the University in June 2009 under the School of Mathematics, Statistics and Computational Sciences to promote excellence in mathematical education and research. Since its inception, the department has been committed to providing strong foundational knowledge in pure and applied mathematics, while also fostering analytical and problem-solving skills among students. With a team of dedicated faculty members, the department continues to contribute to academic growth, interdisciplinary research, and the holistic development of learners. Currently the Department offers following programmes:

- **Ph.D. Mathematics**
- **M.Sc. B.Ed. (Innovative) Mathematics**
- **M.Sc. Mathematics**
- **Four year B.Sc. Mathematics**

The Department has attracted faculty with diversified expertise such as: Group Theory, Operations Research, Geometric Function Theory, Special Functions, Fluid Dynamics, MHD, Boundary Layer Theory, Bio-Mathematics, Fuzzy Optimization Techniques and Decision Making, Dynamical Systems, Celestial Mechanics, Fracture Mechanics, Analysis of PDEs and Computational PDEs.

Faculty

Name	Designation	Area of Specialization
Prof. D. C. Sharma	Professor	Operations Research, Mathematical Programing and Machining System
Prof. J. K. Prajapat	Professor	Geometric Function Theory, Complex Inequalities, Fractional Calculus
Dr. Annad Kumar	Associate Professor	Fluid Dynamics, Magnetohydrodynamics (MHD), Boundary Layer Theory
Dr. Ram Kishor	Assistant Professor	Celestial Mechanics, Dynamical Systems

Dr. Vijay Kumar Yadav	Assistant Professor	Fuzzy Set Theory and its Application, Fuzzy Topology, Fuzzy and Rough Automata Theory
Dr. Vipul Kakkar	Assistant Professor	Group Theory
Dr. Jai Prakash Tripathi	Assistant Professor	Mathematical Biology, Dynamical Systems
Dr. Asha Kumari Meena	Assistant Professor	Scientific Computing, Computational Methods for Plasma flow and fluid flow models,
Dr. Kamlesh Jangid	Assistant Professor	Fracture mechanics, Smart materials
Dr. Somnath Ashok Gandal	Assistant Professor	Analysis of PDEs, Calculus of Variations

Department of Statistics

Head: Dr. Deepesh Bhati

The Department of Statistics is one of the first two departments initiated alongside Mathematics by 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. **4 Yrs. B.Sc. Statistics**

2. **M. Sc. Statistics**
3. **Ph.D. in Statistics**

Faculty

Name	Designation	Area of Specialization
Dr. Jitendra Kumar	Professor	Time Series, Policy Process Reengineering, Big Data, Merger Modeling, Modeling of Crypto Currency
Dr. Arvind Pandey	Professor	Statistical Inference, Survival Analysis, Computational Statistics
Dr. Arvind Pandey	Associate Professor	Statistical Inference, Distribution Theory
Dr. Sanjay Kumar	Associate Professor	Sampling Theory
Dr. K. Satish Kumar	Assistant Professor	Stochastic Modelling and Optimization
Dr. Mahesh Barale	Assistant Professor	Statistical Quality Control, Nonparametric Inference
Dr. Saurabh Kumar	Assistant Professor	Time Series Analysis, Big Data, Bayesian Inference, Bio Statistics

Academic Activities

Expert/Guest lecture/Seminar/Visit :

Name	Event	Date
Dr. Jitendra Kumar	1. Delivered expert talk titled " Fundamentals of Time Series Models" in FDP titled "Advanced Statistical Software, Methodologies, and Data Visualization for Research Excellence", organized by the Department of Mathematics & Statistics in collaboration with the Indian Association for Reliability & Statistics (IARS), from June 23–27, 2025	June 26, 2025
	2. Delivered expert talk titled "Sample Selection and Collection of Data" in a Short Term Course on Research Methodology titled "Research in the Present Era of Open Knowledge Platforms/Tools" organised by	March 18, 2025

	MMTTC Patna University, in collaboration with the Department of Statistics, Patna University, Patna during March 17-22, 2025.	
	3. Delivered a talk research in the present ERA of OPEN knowledge platforms/TOOLs in a Short Term Course on Research Methodology titled "Research in the Present Era of Open Knowledge Platforms/Tools" organised by MMTTC Patna University, in collaboration with the Department of Statistics, Patna University, Patna during March 17-22, 2025.	March 22, 2025
	4. Delivered a talk as resource person entitled "Research Methodology for Statistical Research" in Two Week in in the Interdisciplinary Refresher Course (Online Mode) on "Research, Writing and Analysis" of UGC-MMTTC, IIT(ISM) Dhanbad.	November 17, 2024
	5. Delivered a take as resource person entitled "Analysis of Time Series Data" in Two Week in the Interdisciplinary Refresher Course (Online Mode) on "Research, Writing and Analysis" of UGC-MMTTC, IIT(ISM) Dhanbad.	November 17, 2024
	6. Delivered an Expert talk entitled "Modeling of Autocorrelated Data" in Two-Week Interdisciplinary Refresher Course on 'Recent Advancements in Mathematics, Statistics and Computer Sciences' [Oct 14-26, 2024] organized UGC- Malviya Mission Teacher Training Centre, Central University of South Bihar, Gaya	October 18, 2024
	7. Refresher Course in Mathematics and Statistic "Recent trends in Mathematics & Statistics" [Oct 14-26, 2024] organized by UGC- Malviya Mission Teacher Training Centre, Patna University.	October 22, 2024
	8. Delivered an Expert talk entitled "Advance Time Series" in Refresher Course in Mathematics and Statistics "Recent trends	October 22, 2024

	in Mathematics & Statistics" organized by UGC- Malviya Mission Teacher Training Centre, Patna University.	
	9. Delivered an Expert talk entitled (Time Series and Regression" in Refresher Course in Mathematics and Statistic "Recent trends in Mathematics & Statistics" organized by UGC- MMTTC, Patna University.	October 17, 2024

Conference/ Workshop/Symposium organized

1. Second National Conference on "Time Series, Analytics and Recent Advances in Statistical Modelling" during 10 - 11 February 2025
2. Seminar on "Indian Statistical System and Role of National Statistics Office" on 10 February 2025

School of Physical Sciences

DEAN: PROF. MANISH DEV SHRIMALI

The School of Physical Sciences of Central University of Rajasthan was established in the academic year 2011-12 with unitary department of Physics. The department under the school has excellent state-of-the-art laboratories for undergraduate, postgraduate teaching and research. We follows the best teaching practices in the core area of physics with a motto of learner-centric teaching with exposure to students to the latest research through summer internship/project and 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 two post-graduate programs: 2 years M.Sc., 3 years M.Sc. B.Ed. (Innovative) and one under-graduate program: 4 years B. Sc. (Hons./Hons. with Research) along with a Ph.D. program. 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 of physicists. The main research areas are Condensed Matter Physics, Computational Condensed Matter Physics, Laser and Optics, Theoretical high energy physics, Semiconductor physics 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, DRDO, CUs and other academic institutes and also cleared national level exams like NET-JRF, GATE, IIT-JAM and JEST.

Programs offered

1. Ph.D.
2. M.Sc. (2 years)
3. M.Sc. B. Ed. (Innovative) (3 years)
4. B. Sc. (Hons. / Hons. with Research) (4 Years)

Faculty

Name	Designation	Area of Specialization
Prof. Manish Dev Shrimali	Professor	Nonlinear Dynamics and Chaos, Machine Learning and Reservoir Computing
Dr. Sukhmander Singh	Assistant Professor	Plasma waves, instabilities, and electric propulsions
Dr. Brijesh Kumar Singh	Assistant Professor	Super-oscillations, Laser beam shaping, Optical Tweezers
Dr. Rakesh Kumar	Assistant Professor	Correlated quantum many-body systems, Topological phases
Dr. Yugandhar Bitla	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
Dr. Rajendra Charandeo Pawar	Assistant Professor	Energy Materials, Semiconductor Physics
Dr. Pritam Kumar Roy	Assistant Professor	Solid–solid and liquid–solid interactions
Dr. Lakshya Daukiya	DST-INSPIRE Faculty	Functional 2D nanomaterails

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

SPARC Workshop on Catalysis for Energy and Environment Technology 2024, Sept. 09-13, 2024.



Chief Guest of SPARC workshop Prof. G. D. Yadav with faculty and participants.

Awards/Achievements/Placements

1. **Students qualified NET-JRF: Sudhanshu Kumawat(2019IMSPH027), Mukesh** Kumar Barala(2019MSPH009), Ayush Agarwal(2019IMSPH006), Dilkhush Meena(2022MSPH005)
2. Students qualified NET: Komal Pareek(2020IMSBPH010) and Nikhil Khatri (2020IMSPH020)
3. Students qualified GATE: Hritika Chaudhary (2019IMSPH014), Manjubala (2021IMSBPH009), Shital Prajapat (2021IMSBPH022), Atesh Saini (2022IMSBPH00), Shanu Upadhyay (2022IMSBPH019), Sumer Kumar Saini (2022IMSBPH022), Kanchan Kumawat (2022MSPH008), Richhpal Singh (2022MSPH016), Manoj (2023MSPH015), Sumit Kotwal (2019IMSPH028), Krishna Kumar Godara (2018IMSPH011), Nitish Soni (2021IMSBPH013), Rahul Garg (2019IMSPH024), Zubair Mansoori (2021MSPH021), Navita (2021IMSBPH012), Akansha Singhal (2021MSPH004) and Aditi Agrawal (2021IMSBPH001)
4. Students qualified IIT JAM: Sumit Kumar (2021IMSPH021)
5. Students qualified JEST: Gaurav Singh Chauhan (2018IMSPH007), Pratap Singh Purohit (2020IMSPH022) and Sumit Kumar(2021IMSPH021)

School of Social Sciences

Dean: Prof. Amitabh Srivastava

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 inter-disciplinary 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**

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, Disinformation Studies, Development Communication, Photography, Video Production, Qualitative Research.

Awards/Achievements

Expert/Guest lecture/seminar/Visit

Name	Event	Date
Shri Yashwant Vyas, Group Editorial Advisor, Amar Ujala newspaper	An interactive session on Journalism & Media Industry	30-04-2025
Mr. Sayed Irshad Hussain, Anchor & Producer at ESPN Cric Info	Anchoring & Sports Journalism in Television	12-09-2024
Prof. Mahuya Bandyopadhyay, IIT, Delhi &	An interactive session on career prospects in journalism and media industry	21-01-2025

Mr. Kaushik Ray, freelancer in advertising & documentary making		

Extracurricular activities

- An online workshop on photo reportage was conducted by Russian News Agency Sputnik on 20 Feb. 2025. Students of the Department of Culture and Media Studies at Central University of Rajasthan got training on nuances of photo journalism in the workshop.
- Students of MACMS participated in photojournalism seminar held by Imagine Photojournalist Society in Jaipur on 19 November 2024. The event was mainly spearheaded by Mr. Purushottam Diwakar, who is a renowned photojournalist and documentary photographer.



CMS Students and faculty at photojournalism seminar held by Imagine Photojournalist Society in Jaipur



CMS students and faculties during Online workshop on photo reportage by Russian news agency Sputnik

Department of Economics

Head: 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, Climate Change & sustainable development, Gender & development studies
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. Ankur Jangir	Assistant Professor (Contractual)	Financial Economics, Computer Applications in Economics
Ms. Arpita Meena	Assistant Professor (contractual)	Finance, Environmental Economics

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Lekha Chakraborty, Professor, National Institute of Public Finance and Policy (NIPFP), Independent Research Institute of the Ministry of Finance, Government of India	Talk on "Fiscal Policies for Gender Equality"	23 Aug 2024
Prof. Arun Kumar Giri, Department of Economics & Finance, Birla Institute of Technology, Pilani	An interaction seminar with the faculty and students	4 Dec 2024

Prof. Uma Shankar Mishra, Prof. L.K. Sharma, Prof. Chandi Charan Mandal, Dr. Pramod Kamble, Dr. Sanjay Garg, Dr. Narendra Kumar (Central University of Rajasthan)	Panel Discussion on Union Budget 2025-2026	5 Feb 2025
Prof. Arun Kumar Giri and Dr. Geetilaxmi Mohapatra, Department of Economics & Finance, Birla Institute of Technology, Pilani	Interaction seminar with faculties and students on "Environmental research issues"	10 Feb 2025
Dr Prashant Kumar Ghosh (IIT Kanpur) Dr Somesh Kumar Mathur (Allahabad University)	An interaction seminar with the faculty and students	24 April 2025

Extramural funding received

Various extramural funded projects of Rs. 17 lakhs are ongoing in the department, sanctioned by ICSSR

Name of the Faculty	Funding Agency	Title	Year of Award	Amount Sanctioned	Duration
Dr. Hemlata Manglani	ICSSR	Restoration of Sustainable Livelihood through Non-Timber Forest Products (NTFPs) in Southern Rajasthan, India"	April 2025	Rs. 700000/-	One Year
Dr. Suresh Kumar Patra	ICSSR	Evaluation of the Jal Jeeven Mission (JJM) in Enhancing Community Health and Economic	December 2024	Rs. 1000000/-	One Year

		Prosperity: An Empirical Study of Selected Indian States			

Equipment procured/Facility

1. **Roombr smart classroom Projector**





Figure 1 Guest Lecture of Prof. Lekha Chakraborty, NIPF, New Delhi





दैनिक भास्कर किशनगढ़ 06-02-2025

दैनिक नवज्योति

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बजट सत्र पर केन्द्रीय विश्वविद्यालय में पैनल डिस्कशन



किशनगढ़। सीयूआर ने बजट सत्र पर पैनल डिस्कशन के दौरान नवाजीत विशेषज्ञ।

किशनगढ़-बांदरसिंदरी। वित्त मंत्री द्वारा पेश किए गए पूर्ण बजट 2025-26 के विभिन्न पहलुओं और इसके नीतिगत प्रभावों पर चर्चा करने के उद्देश्य से राजस्थान केंद्रीय विश्वविद्यालय के अर्थशास्त्र विभाग द्वारा पैनल डिस्कशन का आयोजन किया गया।

विश्वविद्यालय के कुलपति प्रो. आनंद भालेराव ने बताया कि "केंद्रीय बजट किसी भी राष्ट्र की आर्थिक दिशा और विकास की रणनीति का एक महत्वपूर्ण दस्तावेज होता है। पैनल चर्चा के माध्यम से हमने विद्यार्थियों और शिक्षकों को बजट की समझ प्रदान करने का प्रयास किया है। डिस्कशन में विश्वविद्यालय के विभिन्न विभागों और स्कूलों के विषय विशेषज्ञों डॉ. प्रमोद कांबले, प्रो. उमा शंकर मिश्रा, डॉ. नरेंद्र कुमार, डॉ. संजय गर्ग, प्रो. चंडी चरण मंडल, प्रो. एलके शर्मा ने भाग लेते हुए हाल के बजट में कृषि संबंधी पहल, बजट और उच्च शिक्षा संबंधी पहल, शोध के क्षेत्र में पहल, बजट में शिक्षा के लिए पहल, बजट में टैक्सशन और वित्तीय क्षेत्र में सुधार, बजट में विज्ञान, प्रौद्योगिकी, नवाचार और अनुसंधान एवं विकास/एआई पर ध्यान इत्यादि विषयों का विश्लेषण करते हुए विचार प्रस्तुत किए। पैनल डिस्कशन में मॉडरेटर की भूमिका अर्थशास्त्र विभाग की विभागाध्यक्ष डॉ. हेमलता मंगलानी ने निभाई।

सीयूआर मे केंद्र सरकार द्वारा पेश किए गए बजट सत्र पर हुआ पैनल डिस्कशन

■ संवाददाता टुडे



जयपुर। वित्त मंत्री निर्मला सीतारमण द्वारा बीते शनिवार को मोदी सरकार के तीसरे कार्यकाल के अंतर्गत पेश किए गए पूर्ण बजट 2025-26 के विभिन्न पहलुओं और इसके नीतिगत प्रभावों पर विस्तृत रूप से चर्चा करने के उद्देश्य से राजस्थान केंद्रीय विश्वविद्यालय के अर्थशास्त्र विभाग द्वारा पैनल डिस्कशन का आयोजन किया गया। जिसमें बजट सत्र से संबंधित कई महत्वपूर्ण बिंदुओं पर चर्चा हुई। इस अवसर पर विश्वविद्यालय के कुलपति, प्रो. आनंद भालेराव ने बताया कि - "केंद्रीय बजट किसी भी राष्ट्र की आर्थिक दिशा और विकास की रणनीति का एक महत्वपूर्ण दस्तावेज होता है। इस पैनल चर्चा के माध्यम से हमने विद्यार्थियों और शिक्षकों को बजट की समझ प्रदान करने का प्रयास किया है। हमारा उद्देश्य विश्वविद्यालय परिवार को देश की वित्तीय नीतियों और आर्थिक विकास की प्रक्रियाओं से परिचित कराना है, जिससे वे जागरूक नागरिक बन सकें और अपने विचारों से समाज में सकारात्मक योगदान दे सकें।' डिस्कशन में विश्वविद्यालय के विभिन्न विभागों और स्कूलों के विषय विशेषज्ञों डॉ. प्रमोद कांबले, प्रो. उमा शंकर मिश्रा, डॉ. नरेंद्र कुमार, डॉ. संजय गर्ग, प्रो. चंडी चरण मंडल, प्रो. एल.के. शर्मा ने सक्रीय रूप से भाग लेते हुए हाल के बजट में कृषि संबंधी पहल, बजट और उच्च शिक्षा संबंधी पहल, शोध के क्षेत्र में पहल, बजट में शिक्षा के लिए पहल, बजट में टैक्सशन और वित्तीय क्षेत्र में सुधार, बजट में विज्ञान, प्रौद्योगिकी, नवाचार और अनुसंधान एवं विकास/एआई पर ध्यान इत्यादि विषयो का विश्लेषण करते हुए अपने विचार प्रस्तुत किए। इस पैनल डिस्कशन में मॉडरेटर की भूमिका अर्थशास्त्र विभाग की विभागाध्यक्ष डॉ.हेमलता मंगलानी ने निभाई। इस दौरान डिस्कशन में विश्वविद्यालय के विद्यार्थीयो, शैक्षणिक और गैर-शैक्षणिक कर्मचारियों ने भाग लिया और विषय विशेषज्ञों से प्रश्न पूछे। यह चर्चा विश्वविद्यालय में एक विचारशील और ज्ञानवर्धक संवाद को प्रोत्साहित करने की दिशा में एक महत्वपूर्ण कदम साबित हुई।

सीयूआर में केंद्रीय बजट सत्र पर हुआ पैनल डिस्कशन



बांदरसिंदरी. राजस्थान केंद्रीय विश्वविद्यालय बजट सत्र पर चर्चा करते हुए।

बांदरसिंदरी। केंद्रीय बजट विषय विशेषज्ञों डॉ. प्रमोद कांबले, 2025-26 के विभिन्न पहलुओं और प्रो. उमा शंकर मिश्रा, डॉ. नरेंद्र इसके नीतिगत प्रभावों पर विस्तृत कुमार, डॉ. संजय गर्ग, प्रो. चंडी रूप से चर्चा करने के उद्देश्य से चरण मंडल, प्रो. एल.के. शर्मा ने राजस्थान केंद्रीय विश्वविद्यालय के सक्रिय रूप से भाग लेते हुए हाल के अर्थशास्त्र विभाग द्वारा पैनल बजट में कृषि संबंधी पहल, बजट डिस्कशन किया गया। और उच्च शिक्षा संबंधी पहल, शोध इसमें बजट सत्र से संबंधित कई के क्षेत्र में पहल, बजट में शिक्षा के महत्वपूर्ण बिंदुओं पर चर्चा हुई। इस लिए पहल, बजट में टैक्सशन और अवसर पर विश्वविद्यालय के वित्तीय क्षेत्र में सुधार, बजट में कुलपति, प्रो. आनंद भालेराव ने विज्ञान, प्रौद्योगिकी, नवाचार और बताया कि "केंद्रीय बजट किसी भी अनुसंधान एवं विकास/एआई पर राष्ट्र की आर्थिक दिशा और विकास ध्यान आदि विषयों का विश्लेषण की रणनीति का एक महत्वपूर्ण करते हुए अपने विचार प्रस्तुत किए। दस्तावेज है। इस पैनल चर्चा के माध्यम से हमने विद्यार्थियों और शिक्षकों को बजट की समझ प्रदान करने का प्रयास किया है। हमारा उद्देश्य विश्वविद्यालय परिवार को देश की वित्तीय नीतियों और आर्थिक विकास की प्रक्रियाओं से परिचित कराना है, जिससे वे जागरूक नागरिक बन सकें और अपने विचारों से समाज में सकारात्मक योगदान दे सकें।' डिस्कशन में विश्वविद्यालय के विभिन्न विभागों और स्कूलों के विषय

सीयूआर मे केंद्र सरकार द्वारा पेश किए गए बजट सत्र पर हुआ पैनल डिस्कशन

अजमेर(रणवीर राजस्थान)। वित्त मंत्री निर्मला सीतारमण द्वारा बीते शनिवार को मोदी सरकार के तीसरे कार्यकाल के अंतर्गत पेश किए गए पूर्ण बजट 2025-26 के विभिन्न पहलुओं और इसके नीतिगत प्रभावों पर विस्तृत रूप से चर्चा करने के उद्देश्य से राजस्थान



केंद्रीय विश्वविद्यालय के अर्थशास्त्र विभाग द्वारा पैनल डिस्कशन का आयोजन किया गया। जिसमे बजट सत्र से संबंधित कई महत्वपूर्ण बिंदुओं पर चर्चा हुई। इस अवसर पर विश्वविद्यालय के कुलपति, प्रो. आनंद भालेराव ने बताया कि 'केंद्रीय बजट किसी भी राष्ट्र की आर्थिक दिशा और विकास की रणनीति का एक महत्वपूर्ण दस्तावेज होता है। इस पैनल चर्चा के माध्यम से हमने विद्यार्थियों और शिक्षको को बजट की समझ प्रदान करने का प्रयास किया है। हमारा उद्देश्य विश्वविद्यालय परिवार को देश की वित्तीय नीतियों और आर्थिक विकास की प्रक्रियाओं से परिचित कराना है, जिससे वे जागरूक नागरिक बन सकें और अपने विचारों से समाज में सकारात्मक योगदान दे सकें।' डिस्कशन में विश्वविद्यालय के विभिन्न विभागों और स्कूलों के विषय विशेषज्ञों डॉ.प्रमोद कांबले, प्रो. उमा शंकर मिश्रा, डॉ. नरेंद्र कुमार, डॉ.संजय गर्ग, प्रो.चंडी चरण मंडल, प्रो.एल.के. शर्मा ने सक्रीय रूप से भाग लेते हुए हाल के बजट में कृषि संबंधी पहल, बजट और उच्च शिक्षा संबंधी पहल, शोध के क्षेत्र में पहल, बजट में शिक्षा के लिए पहल, बजट में टैक्सशन और वित्तीय क्षेत्र में सुधार, बजट में विज्ञान, प्रौद्योगिकी, नवाचार और अनुसंधान एवं विकास/एआई पर ध्यान इत्यादि विषयो का विश्लेषण करते हुए अपने विचार प्रस्तुत किए। इस पैनल डिस्कशन में मॉडरेटर की भूमिका अर्थशास्त्र विभाग की विभागाध्यक्ष डॉ.हेमलता मंगलानी ने निभाई। इस दौरान डिस्कशन में विश्वविद्यालय के विद्यार्थीयो, शैक्षणिक और गैर-शैक्षणिक कर्मचारियों ने भाग लिया और विषय विशेषज्ञों से प्रश्न पूछे। यह चर्चा विश्वविद्यालय में एक विचारशील और ज्ञानवर्धक संवाद को प्रोत्साहित करने की दिशा में एक महत्वपूर्ण कदम साबित हुई।

सीयूआर मे केंद्र सरकार द्वारा पेश किए गए बजट सत्र पर हुआ पैनल डिस्कशन



दैनिक तस्दीक

जयपुर। वित्त मंत्री निर्मला सीतारमण द्वारा बीते शनिवार को मोदी सरकार के तीसरे कार्यकाल के अंतर्गत पेश किए गए पूर्ण बजट 2025 -26के विभिन्न पहलुओं और इसके नीतिगत प्रभावों पर विस्तृत रूप से चर्चा करने के उद्देश्य से राजस्थान केंद्रीय विश्वविद्यालय के अर्थशास्त्र विभाग द्वारा पैनल डिस्कशन का आयोजन किया गया। जिसमे बजट सत्र से संबंधित कई महत्वपूर्ण बिंदुओं पर चर्चा हुई।

इस अवसर पर विश्वविद्यालय के कुलपति, प्रो. आनंद भालेराव ने बताया कि - केंद्रीय बजट किसी भी राष्ट्र की आर्थिक दिशा और विकास की रणनीति का एक महत्वपूर्ण दस्तावेज होता है। इस पैनल चर्चा के माध्यम से हमने विद्यार्थियों और शिक्षको को बजट की समझ प्रदान करने का प्रयास किया है। हमारा उद्देश्य विश्वविद्यालय परिवार को देश की वित्तीय नीतियों और आर्थिक विकास की प्रक्रियाओं से परिचित कराना है, जिससे वे जागरूक नागरिक बन सकें और अपने विचारों से समाज में सकारात्मक योगदान दे सकें।

डिस्कशन में विश्वविद्यालय के विभिन्न विभागों और स्कूलों के विषय विशेषज्ञों डॉ. प्रमोद कांबले, प्रो. उमा शंकर मिश्रा, डॉ. नरेंद्र कुमार, डॉ. संजय गर्ग, प्रो. चंडी चरण मंडल, प्रो. एल.के. शर्मा ने सक्रीय रूप से भाग लेते हुए हाल के बजट में कृषि संबंधी पहल, बजट और उच्च शिक्षा संबंधी पहल, शोध के क्षेत्र में पहल, बजट में शिक्षा के लिए पहल, बजट में टैक्सशन और वित्तीय क्षेत्र में सुधार, बजट में विज्ञान, प्रौद्योगिकी, नवाचार और अनुसंधान एवं विकास/एआई पर ध्यान इत्यादि विषयो का विश्लेषण करते हुए अपने विचार प्रस्तुत किए। इस पैनल डिस्कशन में मॉडरेटर की भूमिका अर्थशास्त्र विभाग की विभागाध्यक्ष डॉ. हेमलता मंगलानी ने निभाई।

इस दौरान डिस्कशन में विश्वविद्यालय के विद्यार्थीयो, शैक्षणिक और गैर-शैक्षणिक कर्मचारियों ने भाग लिया और विषय विशेषज्ञों से प्रश्न पूछे। यह चर्चा विश्वविद्यालय में एक विचारशील और ज्ञानवर्धक संवाद को प्रोत्साहित करने की दिशा में एक महत्वपूर्ण कदम साबित हुई।

Figure 2 Panel Discussion on Union Budget 2025-26



Figure 3 Interactive Session with Prof. Arun Kumar Giri and Dr. Geetilaxmi Mohapatra, BITS, Pilani



Figure 4 An Interactive session with Dr Prashant Kumar Ghosh (IIT Kanpur) and Dr Somesh Kumar Mathur (Allahabad University)

Department of Public Policy Law & Governance

Head: Prof. S. Kandasamy

The department was established in 2012. The department runs very innovative Masters and Ph. D. Programs which introduce students to the study of policy-making and implementation processes. The M.A (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 executive level. The department is the brainchild of the eminent scholars like Prof. Kuldeep Mathur, Former Director, Centre for the Study of Law and Governance, Jawaharlal Nehru University (New Delhi) and Prof. I.Ramabrahmam, Former Vice Chancellor, Central University of Odisha, Koraput. The faculty are highly qualified, drawn from reputed institutes of the university in the countries. The faculty has international exposure. The department has the honour

to have coordinated a National Resource Centre (NRC) for Annual Refresher Program in Teaching (ARPIT) in Public Policy and Administration.

Programs Offered

1. **M.A. in P.P.L.G**
2. **Ph.D. in P.P.L.G**

Faculty

Name	Designation	Area of Specialization
Prof. S. Kandasamy	Professor	Research Methodology, Cyber Law, Intellectual Property Law, International Law and Human Rights Law and Administrative Law
Prof. Nagendra Ambedkar Sole	Professor	Local Governance (Panchayati Raj), Rural Development, Indian Government and Administration, Public Policy, Distance Education
Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy and Governance, Public Finances, Energy, Climate Change, Gender Budgeting, Water and Sanitation, Big Data and Public Policy, Policy, Politics, and Governance in Digital Era.
Dr. Sudhir Kumar Garhwal	Assistant Professor	Regional Security Complex Approach, Geopolitical Issues of South and Central Asia , International Relations, Indian Government and Politics, Comparative Politics
Dr. Mohan Mishra	Assistant Professor	Criminal & Security Law, Constitutional Law.

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date

Adarsh Singhal **Advocate at Rajasthan High Court (Cyber Law Expert)**	**Workshop on Cyber Security "Cyber Crime and Legal Framework in India "**	**10 Feb 2025**

Conference/ Workshop/Symposium organized

Policyvarta Webinar

1. Practical Aspects of Civil Services in India -

Amitabh Ranjan (Registrar, IIPA)

18 Oct. 2024

2. The role of and use of data in policy and program analysis and decision making

Nandita Banerjee (Head of HR, ASER Center)

02 Dec. 2024

3. Insights from government advisory roles, lessons and challenges

Sudrip Dhar, Senior Consultant, J-PAL

22 Jan. 2025

4. Cyber Crimes and legal framework in India

Advocate Adarsh Singhal

17 Feb. 2025

5. The journey from aspirant to administration

Rajendra Bishnoi, Trainee IPS

07 March 2025

6. New generation in Civil Services of Nepal: Opportunities and Challenges

Rajani Regmi, Deputy Director, Government Training Centre, Nepal

17 March 2025

7. Criminalization of Politics and its impact on Democratic Governance

Shivani Kapoor, Senior Advisor, ADR

15 May 2025

8. Understanding Law Making and intracacies of Parliament and LAMP-fellowship

Mitisha Sharma, Manager, LAMP Fellowship Vertical, PRS Legislative

Yashika Kedia, Associate, PRS Legislative

02 Sept. 2025

9. Careers in Public Policy beyond Civil Services

Deepankar Khare, Director, MAIT

Anoushka Roy, Deputy Manager, Deloitte

06 Sept. 2025



Workshop on Cybersecurity & Law By Advocate Adarsh Singhal



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.	Mr. Vishal katekar	PhD Scholar Department of PPLG, Central University of Rajasthan	Application of digital technologies for sustainable Agriculture	16th July 2024
2.	Dr. Vikash Kumar,	Professor, North Michigan University , USA	Social Work Skills	23rd July 2024
3	Prof. Subhasis Bhadra	Professor, Dept. of Psychiatric Social Work , NIMHANS	Self-care, Resilience and Mental Health	10th August 2024

Workshop/Webinar/ E-Conferences/ Seminars/Conferences

1. Department has organized One Day International Symposium titled , 'Culture, Social Transformation and Community Field Action' In Partnership with Department of Social Work, University of Applied Science Erfurt and Department of Social Work, Jamia Millia Islamia, New Delhi on 24th March, 2025.
2. Department has organized a Four Days International Colloquium titled , 'Culture, Community and Social Change ' between 05-08 March, 2025In Partnership with Northen Michigan University, USA and Department of Social Work, Delhi University, New Delhi.
3. Department has organized a seminar on 'Social and Economic Status of Landless Agricultural Labour' in association with RHRD, Jaipur on 23/04/2025

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 24.03.2025 to 25.03.2025.

2. 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 programme to the students from diverse educational backgrounds by linking two advanced streams of knowledge- Science and Technology and Social Sciences to look for better career opportunities and stay competitive. Indian society and economy is completely transferred owing to the intrinsic role played by the ICTs.

We now stand at the brink of data-driven transformation where these data can be harness 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 the Department.

The Department offered two programs: the first one is two year M.Sc. in Digital Society, a very innovative programmes and the first time ever in any Indian Universities with the active academic collaboration with International Institute of Information Technology (IIIT), Bangalore. The second one is PhD in Digital Society, a rich and rewarding research programme, focuses on the interdisciplinary areas having interfaces of Digital Technology with Society, Policy, Development and Management.

Programs offered

- **M. Sc. in Digital Society**
- **PhD in Digital Society**

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, Gender and Technology
Dr. Jugal Kishor	Assistant Professor	Marketing, Digital Marketing, Integrated Marketing Communication

Academic Activities

Other Academic Activities:

- Guest lecture on Use of GIS and Spatial Analysis for Public Policy on 22nd November 2024 by Dr. Gyan Ranjan Panda, Assistant Professor, Department of PPLG, CURAJ
- Policy Varta 2nd Workshop on Cybersecrity & Law on 17th February 2025 by Adarah Singhal, Advocate Rajasthan High Court.
- Expert Talk on Multidisciplinry Research, on 18th February 2025 by Mr. Vishnu Mani, Research Scholar, Sorbonne University, France.
- Open Seminar on Ensuring Ethics while Fostering AI Innovation on 21st February 2025 by Mr. Mohd. Azeem, M.Sc. Digital Society.
- Open Seminar on Is your phone listening to you! The truth about online ads, on 21st March 2025 by Miss. Komal Rathore, M.Sc. Digital Society.
- Open Seminar on Technological Innovations for Women Empowerment, on 28th March 2025 by Miss. Bharti Kaushik, M.Sc. Digital Society.
- Open Seminar on How Dating Apps Affect Mental Health And Use Algorithms, on 11th April 2025 by Mr. Kanish Sharma, M.Sc. Digital Society.
- Open Seminar on Fraud in Internet Banking, on 11th April 2025 by Mr. Rahul Kumar, M.Sc. Digital Society.
- Open Seminar on Evolution of Cyber Laws in India, on 11th April 2025 by Mr. Naveen Kumar Koushik, M.Sc. Digital Society.

- **Awards/Achievement**

UGC NET/ JRF Qualified students

- Sarath MT UGC-JRF- 2025
- Priyanka Rajpurohit – UGC-JRF 2025

Higher Studies

- Khemraj Sharma PhD at IIIT Vadodara (2024-25)
- Yamini Parashar PhD at IIIT Vadodara (2024-25)

- **Extension activities:**

- The students of Department of Society –Technology Interface visited Barefoot College in Tilonia on 20-09-2024.





Extra-Mural Funding received

Project:

- ICSSR sponsored Collaborative Empirical Research Project on Solar Energy & Sustainability (2024-25), Project amount: ₹10,00,000; funded by ICSSR; Co-PI: Dr. Kumar Sambhav Pareek
- Dr. Kumar Sambhav Pareek has been awarded the Rajya Sabha Fellowship (₹25,00,000) by the Rajya Sabha Secretariat.

School of Sport Science, Yoga & Education

DEAN: PROF. RAGHAVENDRA BHAT

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.

Departments
Department of Education
Department of Sports Biosciences
Department of Sports Psychology
Department of Sports Biomechanics
Department of Yoga

Department of Education

Head: Dr. Narendra Kumar

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	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

AGNIHOTRA

To sensitise students about the Indian traditional practices, the department of education organised Agnihotra practices in the Department. The students of ITEP B.Sc. B.Ed., attended the Agnihotra performed in Department of Yoga. Yoga department has a practice of performing hawan on every Fridays in the Yoga building. As a part of the course Understanding India (Indian Ethos & Knowledge systems) the students of B.Sc. B.Ed. attended the Agnihotra practice in Yoga department.



Exposure of Traditional Games

TRADITIONAL GAMES

Date: (4/4/2025)









Department of Sports Bioscience

Coordinator: Dr. Neha Singh

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

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

Faculty

Name	Designation	Area of Specialization
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 Banavath	Assistant Professor	Characterization of Inter-organelle 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	Assistant Professor	Metabolic Syndrome: High Blood Pressure and abnormal Cholesterol levels; Diabetes &

Pratap Singh		Insulin Resistance; Cardiovascular Diseases; Kidney damage and Fibrosis; Nano-medicine and Toxicology

Academic Activities

Equipment's 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 Centrifuge
- SDS-PAGE Apparatus and Western Blot transfer System
- Chemi-doc System
- qRT PCR Machine
- CO2 Incubator
- 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
- Sports Competition anxiety test
- Sport Self-Control Schedule
- AMSSE (Achievement Motivations Scale for Sporting Environments)
- Sport Aggression Inventory
- Upper body Ergometer

• Nano Drop Uv-Visible Spectrophotometer • Hand Grip Dynamometer • Leg Press Machine • Double distillation water unit • Biosafety Cabinet Class II/A2- Vertical • Fully Automatic autoclave • UV-VIS Spectrophotometer • Inverted microscope with camera	• Kjeldahl Based Digestion Unit • NEO Software System (EO PI-R™ and NEO-FFI™ Modules) • Telemetric Portable Metabolic Analyser for Cardiopulmonary Exercise Testing with treadmill & lower body ergometer • Vertical Laminar Flow • ELISA plate reader • COMPOUNED MICROSCOPE

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	• Imported Human Skeleton Complete

Female Genitalia Separated in 20 Parts • Human Brain • Human Eye • Ear With Pinna • 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	• Full Human Skeleton Loos Bones • Steel Measuring Tape • Stop Watch Digital • Measuring Tape • 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 Psychology

HOD: Prof. Amit Kumar Goyal

The Department of Sports Psychology, under the School of Sports Sciences, commenced its academic programs in 2020 with funding support from the Ministry of Youth Affairs and Sports (MYAS), Government of India. The Department emphasizes innovative training, applied research, and practice in the domains of athlete performance, well-being, and youth development. Through a blend of rigorous theoretical instruction and practical exposure, students are equipped with psychological skills to enhance athletic performance, promote holistic well-being, and address challenges within sports settings and organizations. The Department fosters positivity, resilience, and professional competence, preparing students for diverse careers in sports, performing arts, health and fitness, counseling, and mental health. Its core functions of the department include quality

teaching aimed at nurturing skilled sports psychologists, integration of classroom learning with laboratory and field-based practice, research through empirical dissertations and evidence-based studies, and action-oriented projects supported by funded research initiatives.

Programs Offered

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

Faculty

Name	Designation	Area of Specialization
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 and Social Psychology in Sports

Academic Activities

Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Kuldeep Singh Asst. Professor. Head of Department National Sports University, Manipur	Online Expert Lecture on Coordination and Cognitive Training in Sports	03 May 2025
Nidhi (India's Top Canoe Slalom &	Online Interactive session with International Level Canoe Slalom & Canoe Polo Athlete	12 Februar y 2025

Canoe Polo Athlete)		
Ms. Agrima Kanwar (Skeet Shooter)	Online Interactive session with National Level Skeet Shooter on World Mental Health Day	10th October 2024

Other Academic Activities

- "Mental Wellness Check Up" on the occasion of World Mental Day, organized on 10th October' 2024.
- "Health and Fitness Drive: Physical Fitness and Mental Health Assessment" program organized on 24th January 2025.
- Organized FIT INDIA Cyclothon event on 23 March 2025.

Equipment procured/Facility

- Test of Performance Strategies- 2

Awards

Faculty:

Dr. Guneet Inder Jit Kaur

- Awarded Citation for doing commendable and excellent work in the field of Suicide Prevention and Awareness by National Mental Health Program, Government of Rajasthan (September' 2024).
- Best Research Paper Award at the International Conference on Interdisciplinary Dialogues (ICID-August' 2024).

Students:

Name of Students	Course	Batch	Award	Year
RAHMATH NISHADA K	Ph.D. Psychology	2022	ICSSR Doctoral Fellowship	2024

ANCY S RAJU	M.A./ M.Sc. Sports Psychology	2022	Graduate Aptitude Test (GAT) In Engineering	2025
Ramshida PV	M.A./ M.Sc. Sports Psychology	2022	UGC - NET	2025

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, thirteen 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

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

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/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Deepeshwar Singh, Associate Professor and Head, Department of Yoga, from Babasaheb Bhim Rao Ambedkar University, Lucknow Dr. Apar Saoji, Associate Professor, from S-VYASA University, Bengaluru,	Two-Days Workshop on Tools and Techniques of Cognitive Science in Yoga Research' Organized by, Department of Yoga, Central University of Rajasthan	March 18-19, 2025

Conference/ Workshop/Symposium organized

Two-Days Workshop on Tools and Techniques of Cognitive Science in Yoga Research' Organized by, Department of Yoga, Central University of Rajasthan on March 18-19, 2025.

Other Academic Activities

1. Online Pranayama and Meditation session organized on April 7 – 12, 2025.
2. Suryathon: Mass Surya Namaskar program organized on May 15, 2025
3. Yoga Sangam: Celebration of 11th International Day of Yoga on June 21, 2025



Two-Days Workshop on Tools and Techniques of Cognitive Science in Yoga Research' Organized by, Department of Yoga, Central University of Rajasthan on March 18-19, 2025.

Faculty: Academic Endeavours

Invited Lecture/Keynote/Session Chaired

Department of Architecture

Prof. Neeraj Gupta

- NEP2020: Integrating Skill Development and Vocational Education Programmes in Higher Education (online) NEP Orientation and Sensitization Programme 15th July, 2024 organized by MMTTC JNU Faculty Members Pan India. (Invited Talk)
- Academic Leadership, Governance, and Management (online) MMTTC, IISER Bhopal NEP Orientation and Sensitization Programme (FDP) Faculty 22nd July 2024 (Two Sessions) 2.00-5.15 PM Members Pan India. (Invited Talk)
- Being a successful Management Professional (offline) 29th July 2024 (Two Sessions) 11.30 to 13.30 PM Department of Management, CURAJ Students of MBA Batch 2024-26. (Invited Talk)
- Indian Knowledge System: A Preview with focus on Story Telling as Traditional Indian Teaching Method (Online) 12th NEP Orientation and Sensitization Programme 1st August 2024 organized by MMTTC Mizoram University Faculty Members Pan India (Invited Talk)

Ar. Ritu B. Rai

- Water, Women, and Leadership in a *two-day national Conference on* WOMEN IN DECISION-MAKING AND LEADERSHIP: SHATTERING STEREOTYPES AND CREATING FUTURES (NCWDL2024 organized by the Central University of Rajasthan in association with the Indian Council of Social Science Research on 3rd and 4th of December 2024. (Invited Talk)

Department of Atmospheric Science

Dr. Subrat Kumar Panda

- "Determining Optimal Thresholds of Thunderstorm Indices for Lightning Events Over India using WRF-ARW Model and ERA5 Reanalysis Datasets" at International conference 9th Global Energy and Water Exchanges (GEWEX) Open Science Conference, Sapporo, Japan, held on 04th – 12th July 2024. Invited Lecture.

- "Performance Evaluation and Detection Efficiency of Weather Research Forecasting (WRF) in simulating Pre-monsoon Severe Local Storms over the North-eastern Indian Subcontinent" at Workshop on Disasters due to Pre monsoon Severe Local Storms (SLSs) over the North eastern Indian Subcontinent

(NEIS) held at DPRI, Kyoto University, Japan held on 22-23th May 2025. Invited Lecture.

- "Long-Term Climate Variability and Cloud Bursts in Asian Terrestrial Regions" at Workshop on Disasters due to Pre monsoon Severe Local Storms (SLSs) over the North eastern Indian Subcontinent (NEIS) held at DPRI, Kyoto University, Japan held on 22-23th May 2025. Invited Lecture. Session Chaired.

Department of Biochemistry

Prof. Chandi C Mandal

- Targeting Osteoblast-like Potential Governed within Cancer Cells for Curbing Cancer, International Symposium on "Integrative Oncology and Systems Medicine: Emerging Trends and Therapeutic Potential, Rishikesh, 21-22 Feb 2025.
- Curbing Cholesterol Metabolism to Block DNMT1 Associated Epigenetic and Genetic Changes in Breast Cancer, International Symposium on Mitochondria, Cell death and Human Diseases: Frontiers in Cancer Research, JNU, New Delhi, India, Feb 17-18th, 2025.
- BMP-2 enhanced adipogenic potential of breast cancer cells by upregulating PLPP4, XIII annual international conference on Indian academy of biomedical sciences, AIIMS-Bhopal, India,11-13th Feb 2025.
- Breast cancer cells acquire adipogenic potential to drive oncogenic activity, 8th Annual conference 2024, MGM Medical School of Biomedical Sciences, Navi Mumbai, 6-7th Dec 2024.

Prof. Sanjib Kumar Panda

- Understanding Crop Adaptation and Resilience to Aluminum and Iron Stress prevalent in Acidic soil Agroecosystem at Hungarian University of Agriculture and Life Sciences - MATE, Godollo, 24 July 2024. Invited Lecture, Offline.
- Dissecting Abiotic stress adaptation and Resilience in Crops at HUN-REN Centre for Agricultural Research Martonvasar, Hungary, 26 July 2024. Invited Lecture, Offline.
- Crop stress resilience for drought at XIV. Hungarian Society of Plant Biologists Conference, Biological Research Centre, Szeged, Hungary, 28-30 August 2024. Invited Lecture, Offline.
- Functional genomics of abiotic stress tolerance in rice at "International Conference on Advances in Biological Sciences" (ICABS)-Mizoram University, Pachhunga University College Campus, Aizawl, India, 6-7 February 2025. Invited Lecture, Offline.
- Functional genomics and gene editing for abiotic stress resilience in crops at IPB-Seminar, Leibniz-Institut für Pflanzenbiochemie Weinberg 3 Halle, Deutschland, 17 July 2025. Invited Lecture, Offline.

Dr. Vishvanath Tiwari

- Targeting proteins involved in Acinetobacter baumannii–host pulmonary cell interaction to identify therapeutic strategies in the International Symposium on Proteostasis to Pathology: Exploring Protein Aggregation and Amyloid Formation in Health and Disease at Department of Biotechnology, Central University of Rajasthan, (from 11 to March 12, 2025). Invited Speaker as Resource Person, offline.
- Fluorescence Spectroscopy for Protein Conformational and Dynamic Analysis in the workshop Functional Genomics and Applied Proteomics at Amity University Rajasthan, Jaipur (from 17 to 21 February 2025). Invited Speaker as Resource Person, offline.
- Capped Silver Nanoparticles as a Potent Antibacterial Molecule Against Carbapenem-Resistant Acinetobacter baumannii and Enhance the Autophagic Clearance in the International Conference on Advanced Materials and Startup Ecosystem at Trivandrum Engineering Science and Technology (TrEST) Research Park, Thiruvananthapuram (from 13 to 15 December 2024). Invited Speaker as Resource Person, online.
- Key factors of carbapenem-resistant Acinetobacter baumannii required for persistence in the pulmonary host cell and their potential as drug targets in the International Conference on Advances in Biotechnology and Bioinformatics at Dr. D. Y. Patil Biotechnology and Bioinformatics Institute, Pune, and Biotech Research Society, India (BRSI) (from 26 to 29th November 2024. Invited Speaker as Resource Person, offline.
- Investigating host-pathogen interactions and autophagy modulation by carbapenem-resistant Acinetobacter baumannii for therapeutic strategies at the INEOS Oxford Institute for Antimicrobial Research, University of Oxford, England (on 15th October 2024). Invited Speaker, offline.
- Exploring pathogenic proteins in carbapenem-resistant Acinetobacter baumannii: Advancing towards new treatment strategies at the BRC Science Forum, University of Southampton, England (on 11th October 2024). Invited Speaker, offline.
- Antimicrobial resistance in Acinetobacter baumannii: Insights into mechanisms and current status at the Clinical and Experimental Sciences, University of Southampton, England (on 10th October 2024). Invited Speaker, offline.
- Basics of Purification and Characterisation of Recombinant Proteins in NASI-sponsored workshop Skill Development Programme for providing hands-on training in multidisciplinary areas of biotechnology for entry-level students, at Amity University Rajasthan, Jaipur (from 5 to 6 September 2024), Invited Speaker as Resource Person, offline
- Targeted nanomaterial against AdeABC efflux pump as a potent antibacterial molecule against MDR Acinetobacter baumannii in the International Conference on Engineered Materials for Sustainable Development (EMSD) jointly organised by PEC, Chandigarh, and NABI, Mohali, Punjab (from 24 to 26 July 2024). Invited Speaker as Resource Person, offline.

Dr. Bhawana Bissa

- As distinguished speaker at international toxicology convention on "Emerging Approaches in Risk Analysis and Translational Aspects of Health and Environment (EARTH- 2024)" organized by the CSIR-Indian Institute of Toxicology Research (CSIR-IITR), Lucknow, India in association with ASTRA (Association of Toxicologists and Risk Assessors) from November 27-30, 2024. Michigan State University, USA was the overseas partner for this convention.
- As course Instructor for "Workshop on Basic Molecular Techniques" from 21st – 25th April 2025 at Department of Biochemistry, AIIMS, Jodhpur

Dr. Dipak Gayen

- Online oral presentation in the EMBO Workshop High Elevation Plant Adaptation in a Changing Climate (HEPACC) from 25 – 28 February 2025 in Palampur, India entitled: "Comparative Proteomics Study of Endoplasmic Reticulum and Functional Analysis of E2 Conjugating Enzyme in Chickpea (Cicer arietinum L.) under Drought Stress"

Dr. Joydeep Aoun

- Saliva Shapes Gut Microbiomes and Innate Immunity: Beyond what we thought! Conference "Frontiers in Disease Biology", IISER-Kolkata, 29th May-2nd June.

Department of Biomedical Engineering

Dr. Vikrant Singh

- Received fellowship India Biosecurity Fellowship by Deloitte USA.

Department of Biotechnology

Prof. Gajanan B. Zore

- An invited talk entitled,"Morphology Meets Pathogenicity: The Hyphal Edge of *Candida albicans*" in a NATIONAL CONFERENCE ON FUNGAL FRONTIERS: BIODIVERSITY, BIOMOLECULES AND BIOENGINEERING APPLICATIONS FOR SUSTAINABLE PERSPECTIVES & st 51Annual Meeting of Mycological Society of India (Prof. C.V. Subramanian Birth Centenary Celebration) on 29th Nov. 2024 at JNVU, Jodhpur.
- DNA Day talk on, "Biotechnological Interventions to Achieve Sustainable Development Goals (SDGs)" Central University of Haryana on 2025-04-25.
- Skill Development Workshop on "Plant Tissue Culture: Applications & Future Prospects" on 2025-04-18 at Jaipur National University, Jaipur.
- Professor Vijay Kothekar Life Science Lecture Series 2024: "Biofilm of Candida albicans: reference to scientific community and healthcare practitioners"at Balbhim College, Beed (Maharashtra) 5th August 2024.

- An invited talk entitled, "Achieving Sustainable Development Goals (SDGs) Through Biological Sciences: Challenges and Opportunities" at NIMS, Jaipur 6th March, 2025.

- An invited talk entitled, "Bioentrepreneurship: opportunities and challenges" DYP University, Kolhapur on 2025-02-15.

Prof. Pankaj Goyal

- Delivered an invited lecture on the title "Ancistrocladium A: a wonder molecule for future medicine" in 'National Workshop On Sustainable Production & Utilization Of Medicinal Plants In Ayurveda Sector' held at the National Institute of Ayurveda, Jaipur, on 9 th Feb 2025.
- Delivered an invited lecture on the title "The multifaceted responsibilities of STK35L1 in human diseases: a time for critical appraisal" in an 'International Symposium on Recent Advances in Disease Biology & Emerging Therapeutics (RADBET-2025)' held at the Department of Zoology, Institute of Science, Banaras Hindu University on 18 th Jan 2025.
- Delivered an invited lecture on the title "Unveiling the intracellular PAI-1 as espionage in tumor progression and senescence" in an 'International Conference on "Translational Trends in Natural and Health Sciences (TTNHS-2024)"' held at the Department of Zoology, Institute of Science, Banaras Hindu University on 18 th Jan 2025.

Dr. Jay Kant Yadav

- Delivered invited lecture on the title "Protein misfolding and aggregation" in a Symposium "Emerging Frontiers in Stress Biology" held at the Department of Bioscience and Biotechnology, Banasthali Vidyapith, Rajasthan on October 20, 2024.
- Delivered invited lecture on the title "Exploring Milk-Derived Proteins for Targeting Gut-derived Neurotoxic Peptides/ Proteins: A Novel Approach to Mitigate Alzheimer'sand Parkinson's disease Progression" in the 'Internal Conference on Innovative Research on Plant-Based Nutraceuticals and Therapeutics' held at MDS University, Ajmer, Rajasthan during February 11-12, 2025.

Dr. Surendra Nimesh

- Delivered lecture as an invited speaker entitled, "Paclitaxel Encapsulated PGMD Nanoparticles for the Treatment of Breast Cancer" at Technological Advances in Science, Medicine, and Engineering Conference (TASME 2025), Jul 5-6, 2025, at University of Toronto (at Scarborough), Canada.

- Delivered lecture as keynote speaker and chief guest, entitled," Nanomaterials for enhanced diagnosis and therapy" at Apollo Arts and Science College,Poonamallee, Chennai, T.N. India.
- Delivered lecture as an invited speaker entitled, "Nanoparticles assisted siRNA delivery for efficient knockdown of PCSK9 for the treatment of Hypercholestrolemia" at International Conference on Viksit Bharat 2047: Reaching the Unreached Through Chemical and Biological Sciences (VBCB-2025), Feb 18-20, 2025, SRM Institute of Science and Technology, Delhi-NCR Campus, Modinagar, U.P. India.
- Delivered lecture as an invited speaker entitled, "Polymeric nanoparticles mediated siRNA delivery for efficient knockdown of PCSK9 for the treatment of hypercholesterolemia"at International Conference on Integrating Archaeogenetics, Forensic & Multi-omics for Human Health Breakthroughs, Nov 28-30, 2024, Banaras Hindu University (BHU), Varanasi, India.

Dr. Jayendra Nath Shukla

- Delivered lecture as an invited speaker entitled, "Screening for plastic degrading pathway genes in the fall armyworm (*Spodoptera frugiperda*) "at International Conference on Integrating Archaeogenetics, Forensic & Multi-omics for Human Health Breakthroughs, Nov 28-30, 2024, Banaras Hindu University (BHU), Varanasi, India.

Dr. Janmejay Pandey

- Delivered oral lecture entitled "TasA$_{(28-261)}$, the major protein of the *Bacillus subtilis* biofilm matrix, is sufficient to mitigate abiotic stress manifested with simulated drought and plant growth promotion in *Cyamopsis tetragonoloba* at International Conference on Innovations in Biotechnology for Sustainability, organized by BRSI, at Jawaharlal Nehru University, New Delhi, Nov. 23-25, 2024 (Offline Mode)
- Delivered oral lecture entitled "Biological repurposing of FDA-approved drugs to screen functional analogs of TP-5 for combating Pseudomonas aeruginosa virulence through quorum sensing inhibition" at the International Conference on Emerging Trend in Translational Bioinformatics, organized by Department of of Biotechnology and Bioengineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, Dec. 05-07, 2024 (Offline Mode)
- Delivered Invited Lecture entitled "Biofilm Matrixome of Plant Growth Promoting Bacteria: An innovative tool for sustainable agriculture" at International Conference of Biotechnology, Biomanufacturing, and Bioeconomy (Bio3), organized by Department of Biotechnology, Thapar Institute of of Technology (TI), Patiala, March 20- 22, 2025 (Offline Mode)
- Delivered Invited Lecture entitled "Ecotoxicological Impact of the textile effluent discharge: Assessment through physicochemical characterization and

comparative metagenomics of effluent-contaminated niches", at National Conference on Biotechnology for Sustainable Development, Organized by Department of Biotechnology and Bioengineering, Birla Institute of of Technology, Mesra, Ranchi, Jharkhand, March 27-29, 2025

- Delivered Invited Lecture entitled "Biofilm associated extracellular matrix of plant growth promoting bacteria: an opportune biotechnological resource for sustainable agriculture" at First International Symposium on Bioresource Technology, organized by Society for Applied Biotechnology, held at Vijayvada, Karnataka, 11- 13 April, 2025 (Hybrid Mode)

- Delivered KeyNote Lecture entitled "Biochemical & Molecular View of Biofilms formation by thermohalotolerant Plant Growth Promoting Bacteria Bacillus subtilis strain J35 and its potential role in mitigation of biotic and abiotic stress", at National conference on National Conference on Challenges in Microbiology (CIM-2025), Organized by Graphic Era- Deemed to be University, Dehradun, Uttarakhand, May, 2025.

Dr. Tarun Kumar Bhatt

- Delivered Invited Lecture entitled "Development of a new malaria diagnosis kit with no false positives and enhanced sensitivity" at International Conference of Biotechnology, Biomanufacturing, and Bioeconomy (Bio3), organized by Department of Biotechnology, Thapar Institute of of Technology (TI), Patiala, March 20- 22, 2025.

Department of Chemistry

Dr. Anuj Kumar Sharma

- Versatile Ruthenium Complexes Evaluated for their Anti-cancer Applications and for Catalyzing Alkylation Reactions of Amine and Alcohol, in Two-day International Symposium on "Frontiers in Sustainable Catalysis and Organometallics" (FISCO-24) during July 11-12, 2024 at MNIT Jaipur", in person.
- Multifunctional Molecules as Theranostic Agents, Anti-Cancer Applications and for Organic Transformations, in A National Conference of "A Conventional Discussion on Synthetic Organic Chemistry & Beyond" in Govt. Madhav Science College Ujjain, M.P. from 27th to 28th August 2024, in person.
- Overview on Alzheimer's Disease-Hypotheses and Methods to Study Amyloids, in SPARC workshop on topic "Nanotheranostics: From Basic Principles to Clinical Utility" NIT Warangal (from 28th January – 4th February, 2025), in person.
- Metal ions in Alzheimer's Disease-Development of Multifunctional Chelators, in SPARC workshop on topic "Nanotheranostics: From Basic Principles to Clinical Utility" NIT Warangal (from 28th January – 4th February, 2025), in person.

- Hybrid Multifunctional Molecules to Target Metal Mediated Neurotoxicity and Amyloid-β Aggregation in Alzheimer's Disease, in Two-day SPARC sponsored International Symposium – "From Proteostasis to Pathology: Exploring Protein Aggregation and Amyloid Formation in Health and Disease" during March 11-12, 2025 at Department of Biotechnology, School of Life Sciences, Central University of Rajasthan, Ajmer, in person.

Prof. Easwar Srinivasan

- Cyclic Dienamines and beyond using the Baylis-Hillman Reaction, International Conference on Advances in Organic Chemistry at Goa, Jan 27-29, 2025; in person.
- Diamines to dienamines and beyond using the Baylis-Hillman reaction, Three-days International Conference on "61st Annual Convention of Chemists (ACC 2024), during December 19-21, 2024 at at JECRC Jaipur" in person.

Dr. Hemant Joshi

- Metal Complexes Controlled Chemoselective and Regioselective Organic Transformations, in Two-day International Symposium on "Frontiers in Sustainable Catalysis and Organometallics" (FISCO-24) during July 11-12, 2024 at MNIT Jaipur", in person.

Department of Commerce

Prof. Praveen Sahu

- Served as an invited speaker on the topic "Green marketing and Sustainable Marketing Practices" in an International Conference- RAASHEE' 2025 organized by University of Lucknow on February 07-08, 2025.

Dr. Priyanka Bhaskar

- Served as an invited speaker on the topic "FinTech and Sustainable Finance" organized by JNU, Jaipur, on 26th May, 2025
- Served as an invited speaker on the topic "Universal Human Values" organized by Manipal University Jaipur on 18th October 2024.

Dr. Shubham Pandey

- Served as an invited speaker on the topic "Transforming Higher Education: Insights from NEP 2020", organized by the IQAC Cell, Govt. Vrinda Sahay PG College, Dabra, Jiwaji university Gwalior in association with Department of Higher Education, M.P. on September 20, 2024.
- Served as keynote speaker on the topic "Importance of Vocational Courses in National Education Policy 2020" in one day national webinar organised by Govt. College Rajoudha, Porsa, Jiwaji university Gwalior M.P. sponsored by Department of Higher Education, M.P. held on May 29, 2024.

Department of Computer Science & Engineering

Dr. Prakash Choudhary

- 'Deep Learning in Medical Image Analysis' on 18th 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 29th 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.

Dr. Basant Agarwal

- Delivered lecture as an invited talk on "Decision Tree, Random Forests", on 27/5/2025 for the Faculty Development Program on "Mathematics for AI: Algorithms, Optimization and Beyond" from 26th May to 20th May 2025. This program is funded by the Ministry of Electronics and Information Technology, Government of India.

Dr. Gaurav Somani

- Cyber-attack Presence Identification using OS and application variables, on Feb 5, 2025 at Department of CSE, SVNIT Surat and NIT Warangal, E & ICT FDP on Information Security and Privacy Preserving Strategies for IoT, Jan 27- Feb 6, 2025.
- Cloud Security issues and solutions, on Nov 11, 2024 at Department of CSE, NIT Warangal, E & ICT FDP on Building Services in Smart City Through IoT-Edge-Fog-Cloud Federation, 4th to 15th November, 2024.

Department of Computer Science

Prof. Mamta Rani

- 'Mitigation of security attack by using improved Baptista algorithms in cryptography" in an International Conference on Non-linear. Analysis and Optimization (ICAN-OPT 2025), Kathmandu University, Dhulikhel, Nepal, May 8-10, 2025.
- 'Mann iterates in Fractal and Chaos: An idea of Professor S L Singh", First Memorial lecture of Professor S L Singh, organized by HNB Garhwal University, Pauri Campus, Pauri, Jun 11, 2025.
- "Artificial Intelligence, Chaos and Swarm Intelligence: A next - generation intelligent systems, organized by Shri Dev Suman Suman University, Rishikesh, Jun 12, 2025.

Dr. Gaurav Meena

- Delivered an expert lecture on "Beamer" as part of a seven-day workshop on "Scientific Research and Technical Writing Skills" at Rajasthan Agriculture Research Institute, Jaipur, from 25th November to 1st December, 2024.
- Chaired the session at the ANRF-sponsored International Conference on Next-Gen Computing & Communications System at SKIT, Jaipur, April 18th–19th, 2025.

Dr. Ravi Raj Choudhary

- Session Chair in the International Conference on Next GEN Computing and Communication System (ICNCS-2025) on 18-19th April 2025 at SKIT, Jaipur.
- Session Chair for the track(s): Track: 5,6 - Core Engineering and Computing & Data and Information Security in the International Conference on Recent Advances in Computational and Mathematical Techniques on 26th April 2025.

Dr. Krishna Kumar Mohbey

- Chaired the session 'TS 21: Communication and Control Systems' at the 6th International Conference on Communication and Intelligent Systems (ICCIS 2024), MANIT Bhopal, November 08–09, 2024.

Dr. Ajay Indian

- "Relevance of Artificial Neural Networks and Machine Learning in Modern Scenarios" on January 9, 2025, in a Faculty Development Program organized by RBMI Group of Institutions, Bareilly.
- Delivered a lecture on "Artificial Intelligence in Education" as a resource person, Department of Education, Lucknow University, Lucknow, on September 30, 2024.

Dr. Abhay Kumar Rai

- Chaired a session in an international conference on "Artificial Intelligence and Computer Vision in Medical Domain (AICVMD-2025)", organized by DST - Centre for Interdisciplinary Mathematical Sciences, Institute of Science, Banaras Hindu University, Varanasi, India, February 17-19, 2025.

Mr. Nitesh Kumar Jangid

- 'Deep Learning in Medical Image Analysis' on 18th 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 29th 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 Culture and Media Studies

Prof. Amitabh Srivastava

- "New Trends in Journalism & Mass Communication Industry" at Banasthali University on October 5, 2024. Invited Lecture
- "Media Language and Careers in Media" in national seminar organized by Grassroot Media Foundation, Jaipur in collaboration with Jaipur Research and Educational Society. Invited Lecture
- Session chair at the Multilingual International Seminar on Analytical Study of Books Modi@20Dreems Meet Delivery and Samajik Samrasta at Rajbhavan, Lucknow. (31 Jan, 1 Feb 2025)
- Session chair at the International Conference "Digital Dynamics: Global Trends and Challenges organized by Writer's reservoir, India. (3-4 May, 2025)
- Session chair at the International Conference "Media Diversity: Social & Cultural Impact with implementation of AI organized by School of Media & Communication, ADMASS, Kolkata. (4 April, 2025)

Dr. Anoop Kumar

- Session chair at the National Seminar on 'Exploring Communication's Historical Origin: ECHO 2025' organised by the Department of Journalism and Mass Communication, Manav Rachna International Institute of Research & Studies, Faridabad. (26 – 27 March, 2025)

Dr. Neeru Prasad

- Session chair at the ICSSR Sponsored National Conference on Women in Decision-Making and Leadership: Shattering Stereotypes and Creating Futures organized by Women Cell, Central University of Rajasthan. (3-4 December, 2024)
- Session chair at the ICSSR Conference on 'India towards Viksit Bharat @2047' held at BVICAM, New Delhi. (13-14 September, 2024)

Dr. Pranta Pratik Patnaik

- 'The Silence of Stereotypes: Framing Marginalities in Indian Cinema' in the Special Lecture Series organized by the Department of English, Central University of Rajasthan (16th April, 2025). Invited Lecture
- 'Who Owns Your Work? Media Labour and Digital Capitalism' in a national seminar on "Globalization and Media: Changing Dynamics of Culture and Society" jointly organized by BCM college, Kottayam and SB College, Changanassery, Kerala (14th March, 2025) Invited Lecture
- 'The Cyber Self: Social Media and Youth Identity in India' in a national webinar on "Social Media and Society: Redefining Public Discourse and Democratic Values", jointly organized by Shahid Nandkumar Patel Govt. College, Birgaon, Raipur (Chattisgarh) and Khun Khunji Girls' P.G. College, Lucknow (U.P.) (7th March, 2025) Invited Lecture

Department of Data Science and Analytics

Dr. Vidyottama Jain

- "Performance analysis of multi-server Semi-Markov model for NB-IoT devices", 8th International Conference on Information, Control, and Communication Technologies (ICCT-2024), Russia, October 1-5, 2024. Invited Lecture

- "HAPS-UAVs network: A Novel Stochastic Geometry model", 27th International Conference on Distributed Computer and Communication Networks (DCCN-2024), Moscow, Russia, Sept. 23-27, 2024. Invited Lecture

Dr. Nishtha Kesswani

- Invited Talk on "Role of AI India in Indian Space research" at Kendriya Vidyalaya, Ajmer on July 17, 2025.

- Invited Talk on "Security and Privacy in IoT" at IEEE Student Branch Assam Don Bosco University, Assam on June 6, 2025.

- Invited Talk on "Harnessing AI for research" at Jaipur National University on May 22, 2025.

- Invited Talk on "e-Resources for researchers" at Jaipur National University on May 23, 2025.

- Invited Talk in BICON 2024 at Biyani Group of Colleges on December 21, 2024.

Dr. Pritpal Singh

- Resource Person: "Ambiguous set theory: Its application in clustering of CT scan images of COVID-19" on a Refresher Course in Electronics and Communication Engineering on the theme "AI Solutions for a Sustainable and Inclusive Future" from 20th May to 2nd June, 2025, North-Eastern Hill University, Shillong.
- Resource Person: Time Series Forecasting using Fuzzy Set Theory" on a Refresher Course in Electronics and Communication Engineering on the theme "AI Solutions for a Sustainable and Inclusive Future" from 20th May to 2nd June, 2025, North-Eastern Hill University, Shillong.

Dr. Subodh Kumar

- "A DST-DCT based adaptive color image watermarking scheme using Coati Optimization Algorithm", 2nd International Conference on Artificial Intelligence: Theory and Applications (AITA 2024), IFCAI Business Scholl Bangalore, India Aug 09-10, 2024.

- "Assessing Depth of Anesthesia using PPG Signals", 2nd International Conference on Artificial Intelligence: Theory and Applications (AITA 2024), IFCAI Business Scholl Bangalore, India Aug 09-10, 2024.

Department of Economics

Dr. Hemlata Manglani

- Invited lecture as resource person in ICSSR Sponsored Research Methodology Workshop, Descriptive Data Analysis using statistical Software at IIS University, Jaipur, 16th December 2024
- Invited lecture as resource person in ICSSR-sponsored Research Methodology Workshop on Theoretical and Conceptual Framework at Birla Institute of Technology, Pilani, on March 18, 2025
- Invited lecture as resource person in ICSSR-sponsored Research Methodology Workshop on Reviewing the Literature at Birla Institute of Technology, Pilani, on March 19, 2025
- Panelist on "Diversity, equity, and inclusion - women leaders in a tech-driven world" in a two-day workshop for women leaders in a tech-driven world 7- 8 Feb 2025, organized by Malviya National Institute of Technology and INAE (Indian National Academy of Engineering)
- Invited lecture on the Indian Constitution and Gender Justice at the Department of PPLG, Central University of Rajasthan, on 21st November 2024.

Dr. Pragati Jain

- Guest speaker at the National Seminar on Environmental Resilience: Pathways for Sustainable World on Sunday, held on 22nd December, 2024, organised by the Institute of Dalit Studies and Research, Kolkata, in collaboration with IQAC, Bhavan's Tripura College of Teacher Education, Tripura.
- Expert Talk on Economics for Non-Economists on October 22, 2024, at Poornima University, Jaipur.

Dr. Satyanarayanamurty Dogga

- Resource person in Two-day international conference on Sustainability and AI in a VUCA world held on 8th and 9th February 2025, St. Xavier College, Jaipur.

Department of Education

Anjali Sharma

- Panelist talk on "Say No To tobacco: Safeguard Health and Future" at Paricharcha under Manodarpan Channel, National Council for Teacher Education and Training, New Delhi, *https://www.youtube.com/live/QVD6SArIciU?si=7zL0R0j5tnFSdifd,* 29th May 2025. Invited Talk

- "The Transformative Role of AI in Teaching and Learning" at National Seminar on the same theme by Biff and Bright Teachers Training College, Padasoli, Jaipur, (25 & 26 April 2025), Key Note Speaker
- "Impact of Technology on Learning" at a student orientation Programme conducted by St Stephon College, Kishangarh, Ajmer, on (5 Dec 2024) Resource Person
- "Understanding Students' Diversity" as a Resource Person for the Online 8th Faculty Induction Programme being conducted by the UGC-Malaviya Mission Teacher Training Centre (MMTTC) (Formerly UGC-HRDC), Sambalpur University, from 02.11.2024 to 29.11.2024. 27/11/2024. Resource Person
- An online lecture on "Innovative Pedagogies" as a Resource Person for the Online 8th Faculty Induction Programme being conducted by the UGC-Malaviya Mission Teacher Training Centre (MMTTC) (Formerly UGC-HRDC), Sambalpur University, from 02.11.2024 to 29.11.2024. 26/11/2024. Resource Person
- "Cross-curricular Pedagogy" as an External Resource Person for the Capacity Building Programme on attainment of Learning Outcomes through Innovative Pedagogical strategies at the Middle Stage from 18 to 22 November 2024.20/11/2014. RIE, Ajmer, Rajasthan, Resource Person
- Narratives and Discourse Analysis" at Short Term Course on Research Methodology for Social Sciences Teachers, Malviya Mission Teacher Training, Devi Ahilya Vishwavidhyalaya Indore (11 June 2024). Resource Person

Narendra Kumar

- "Students Diversity and Inclusive Education" MIT, Mawana Road, Meerut (Aug. 20, 2024). Invited Lecture
- "Pedagogy and Assessment" Multidisciplinary Refresher Course organized by Central University of Jammu from April 14-26, 2025 (April 14, 2025). Resource Person

Sangeeta Yaduvanshi

- "New Education Policy 2020: Opportunities and Challenges" as an invited speaker in the National seminar organized by B.T, Institute of Excellence, Dr Hari Singh Gour University, Sagar dated on 5 Feb, 2025. Resource Person
- NEP2020:Rebuilding the future of Indian Higher education as an invited speaker in a National seminar organized by Mahila Degree College, Basti, U.P. dated on 25-26, Feb, 2025. Resource Person

Rina Godara

- "Guidance & Counselling", in Online Refresher Course for Teacher Educators. HRDC- Gujarat University. (16/8/2024) Resource Person
- "Effective leadership traits" in 7th NEP Orientation and Sensitization Programme held from 28/11/2024 to 9/12/2024 under UGC-Malaviya Mission Teacher Training Programme, organized by the Department of Education (CASE),The Maharaja Sayajirao University of Baroda, Vadodara, (9th December, 2024) Resource Person
- "Effective leadership traits" in 4th NEP Orientation and Sensitization Programme held from 28/11/2024 to 9/12/2024 under UGC-Malaviya Mission Teacher Training Programme, organized by the Department of Education (CASE),

The Maharaja Sayajirao University of Baroda, Vadodara, (10 May, 2025). Resource Person

- "Internship and Experiential Learning", in 6 NEP Orientation and Sensitization Programme of the academic year 2025-2026 under UGC-Malaviya Mission Teacher Training Programme, organized by the Department of Education (CASE),The Maharaja Sayajirao University of Baroda, Vadodara. (27TH June, 2025). Resource Person

T. Sangeetha

- "Inclusive Education-with reference to NEP2020, to care children with special needs" at Kendriya Vidayalaya, CURAJ, Bandrasindhari Ajmer on (28 October 2024) Resource Person
- "From Pollution to Progress: Building a Plastic Free Sustainable Future" a webinar on World Environment Day at GRT College of Education, Chennai on 5 June 2025 (Resource Person)
- ''Tiruvalluvar-Kabir Das- Yogi Vemana- a Comparative study'' at Two day Multi Lingual International seminar at Bharathiar mandapam, Raj Bhavan, Chennai on 16th to 17th November 2024 , Chaired a session

Kanak Sharma

- "Three-day workshop on developing and finalizing research tools to evaluate the impact of the PM e-Vidya initiative by the Ministry of Education, Government of India, on secondary-level science learning" organized by CIET, NCERT New Delhi (23rd to 25th July 2024). Resource Person
- "National E-Conference on Emerging Trends in Research Methodology" organized by Udaan Educational Services, Ghaziabad (10th August, 2024) .Valedictory Guest
- "Methods of Data Collection" in 10 Days Faculty Development Program on Advanced Research Methodology in online mode (held From 16th October 2024 to 26th October 2024) organized by Udaan Educational Services, Ghaziabad (23rd October,2024). Invited Lecture
- "National Seminar on the topic "Malaviya's Educational Vision and its Relevance to NEP 2020" organized by the School of Education, Central University of Gujarat (13th November, 2024).Chaired the Technical Session-1 on the theme: Holistic Education and Nationalism: Pandit Madan Mohan Malaviya's Vision in Context of NEP 2020
- "Two day Virtual International Conference on "Learning and Cognition: Research and Practices(SICLC)" Organized by Department of Educational Studies, Jamia Millia Islamia, New Delhi in collaboration with Universitas Pendidikan Indonesia (23 November, 2024).Chaired the Session: Howard Gardner in a Second Students' 13
- "ICT Integration in Classroom" for Shikshak Samvad (DeTU Discourses) Series organized at Delhi Teachers University (DeTU), Delhi (28th November, 2024). Guest Speaker
- "Art Integration in Pedagogy" in the Faculty Induction Programme (Guru Dakshta) through Online Mode organized by the UGC-Malaviya Mission Teacher Training Centre, Central University of Kerala, Kasaragod held from 12th November 2024 to 09th December 2024 (28th November,2024). Resource Person

- "Integration of AI in Teaching and Learning Process" in the Faculty Induction Programme (Guru Dakshta) through Online Mode organized by the UGC-Malaviya Mission Teacher Training Centre, Central University of Kerala, Kasaragod held from 12th November 2024 to 09th December 2024 (2nd December, 2024). Resource Person
- "Enhancing Collaborative Learning and Online Learning Platform" in the STC on "Online Course/Programme Development" jointly organized by UGC-Malaviya Mission Teacher Training Centre (MMTTC), and Centre for Distance and Online Education (CDOE), Tezpur University held from 16th-21st December 2024 (19th December,2024). Resource Person
- "Integration of Art in Pedagogy" in the Online Refresher Course in Teacher Education conducted by MMTTC, Tezpur University in collaboration with Dept. of Education under the aegis MMTTP Scheme of the University Grants Commission held from 10th-23rd December 2024 (23rd December, 2024). Resource Person
- "ACAS International Conference on "Revolutionizing Higher Education: AI driven Policies Practices and Partnerships" organized by Al Shifa College of Arts and Science, in collaboration with Jamia Millia Islamia, New Delhi, and The Open University of Sri Lanka, held on 21-23 January 2025 (22 January,2025) .Chaired the session
- "National Seminar on "Gramin Pariprekshya mei Digital Shashaktikaran avm Shiksha: Vision Viksit Bharat @2047" sponsored by ICSSR, New Delhi and organized by Department of Education, Central Institute of Hindi, Agra, Ministry of Education, Govt. of India (15th February,2025). Chaired the Session-I on "Digital Application and Digital Education"
- "Integrating AI in Lesson Planning and Content Creation" in online mode in the Guru-Dakshta (1st Faculty Induction Programme) conducted by UGC-MMTTC,Indian Institute of Teacher Education, Gandhinagar held from 27th January-22nd February 2025 (1st February 2025). Resource Person
- "Harnessing AI for Systematic Literature Review" in the Online Interdisciplinary Refresher Course on "Empowering Higher Education: AI, Design Thinking, and Technology Integration" conducted by MMTTC, Tezpur University, in collaboration with Dept. of Education, Tezpur University held from 14th 27th February 2025 (14th February, 2025).Resource Person
- "Cyber Hygiene" during the One Week National Faculty Development Program (FDP) on "Enhancing Inclusive Workspaces: Integrating Gender Sensitivity and Cyber Hygiene in Academia conducted by Institute of Technology & Management (ITM), Gwalior held from June 17 to June 23, 2025 (19th June,2025).Resource Person
- "Reimagining Teaching and Learning Through AI: Practical Tools for the Modern Educator" in the Faculty Development Program cum Workshop (Hybrid mode) on the theme "Academic Excellence through Outcome Based Education: AI and ICT Tools for Quality Assurance"conducted by Internal Quality Assurance Cell (IQAC), Suresh Gyan Vihar University, Jaipur held from 23rd to 25th June 2025 (25th June 2025). Resource Person

Nithya Prem S. R

- NEP 2020 Emphasizes STEM Education" organised by Al Shifa College of Arts & Science, Malappuram, Kerala on 8th April 2025 as part of the Talk Series.

Department of Electronics and Communication Engineering

Dr. Sanyog Rawat

- Keynote Speaker in the 1st International Conference on Networked Computing and Data Analytics (ICNCDA-2025), 23–24 May 2025, at Poornima Institute of Engineering & Technology, Jaipur.
- Invited Speaker in the IEEE International Conference on Next Generation Communication & Information Processing, 23-24 January 2025, at Manipal Institute of Technology, Bengaluru
- Keynote Speaker in the 4th International Conference on Flexible Electronics for Electric Vehicle (FlexEV-2024) 19 -20 December 2024 at Manipal University Jaipur, India.
- Resource Person in AICTE Training and Learning (ATAL) Academy Faculty Development Program on Recent Trends in Biological Systems for Sustainable Development at Anand International College of Engineering from 3-5 February 2025.

Dr. Rajan Singh

- Invited Speaker in the 1st International Conference on Advances in Sciences (ICAS 2025, 19-20 March 2025, at Cluster University of Jammu, Jammu, India.

- Session Chaired in the 1st International Conference on Advances in Sciences (ICAS 2025, 19-20 March 2025, at Cluster University of Jammu, Jammu, India.

Dr. Sudhir Bhaskar

- Delivered an expert talk on "Antenna Design Issues in Radio Frequency Identification Technology" in a webinar organized by Research & Consultancy Section in association with NDLI Club and IIC, Supaul College of Engineering, Supaul, Bihar, India. Webinar was held on May 02, 2025.

Department of English

Dr. Bhumika Sharma

- "A World of Women's Own: Challenging Socio-Cultural Constructions through Literature" in National Conference on "Women in Decision-Making and Leadership: Shattering Stereotypes and Creating Futures" organized by Central university of Rajasthan in collaboration with Indian Council of Social Science Research (ICSSR), 4 December 2024. (Invited Talk)
- "Writing from the Earth: The Role of Nature in Contemporary Literature" in the Global Nexus Series of International Conferences organized by Writers Capital

International Foundations, 1 December 2024. (Resource Person (Session Moderator)

- "New Iconography of a Mahatma: Revisiting Gandhian Consciousness through Select Screen Narratives" as Distinguished Lecture on Gandhi Jayanti organized by Department of English, Maa Manikeshwari University, Bhawanipatna, Kalahandi, Odisha, 2 October 2024. (Invited Talk)
- "Research Problem: Identification, Formulation and Analytical Review" in the Ph. D. Coursework Program organized by Maharaja Ganga Singh University, Bikaner, 26 September, 2024. (Invited Talk)
- "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, 11 July, 2024. (Invited Talk)
- "Exploring Post-colonial Studies: Perspectives and Critical Framework" in Expert Lecture series organized by Department of Languages, Literatures and Cultural Studies, Manipal University, Jaipur, 21 April 2025. (Invited Talk)

- "Republic Revisited: Exploring the Nation in 21st Century Indian English Literature" in the One-Day International Virtual Conference organized by Research and PG Department of English, St. Aloysius College, Elthuruth, Thrissur, Kerala, 12 April 2025. (Session Chaired)

Dr. Neha Arora

- "Celebrating Identities: A Narrative of Empowered Dalit Women" organized by Kristu Jayanti College, Bengaluru. (11/Nov/2024) (Invited Talk)
- "Cast(e)ing Colours of Indian Society" at a Webinar organized by the Government Autonomous College, Angul, Odisha. (7 Nov, 2024) (Invited Talk)
- "Women in Decision-making and Leadership: Shattering Stereotypes and Creating Futures" in a National Conference organized by Women Cell & ICSSR, Central University of Rajasthan. (4 December, 2024) (Session Chaired)
- "Bridging Realms: Exploring Intersections in Humanities and Social Sciences" in the 5th International Conference organized by New Literaria and CU Karnataka. (Session Chaired)
- Chaired Plenary on 4/Oct/2024 - Encountering Pareidolia as a Gateway to developing Forest Sentience (Dr Francis Joy, Post-Doctoral Researcher, University of Lapland Arctic Centre, Rovaniemi, Finland)
- Chaired Business Session on 5/Oct/2024

Dr. Ved Prakash

- "Environmental Narratives through Select Graphic Novels"(Invited Talk) at the Two-Week Interdisciplinary Refresher Course on 'Multimodality and Cultural Narratives in India-Centric Literature and Implementation of NEP 2020' organised by the UGC-Malviya Mission Teacher Training Centre, Central University of South Bihar (Gaya) under the aegis of UGC-MMTTP, Ministry of Education, Govt. of India, December 21, 2024. (Invited Talk)

- "Narratives of Water and Indian Cinema" at Discipline of English, Shenoi Goembab School of Languages and Literature, Goa University, October 24, 2024.(Invited Talk)
- "Theorising Environmental Humanities" at Discipline of English, Shenoi Goembab School of Languages and Literature, Goa University, October 23, 2024.(Invited Talk)

- "Performing Rap, Performing Gender: Rap Music and the Question of Black Masculinity" at the workshop on 'Gender & Performance' organized by Amity Institute of English Studies & Research, Amity University, Patna, August 30, 2024.(Invited Talk)
- "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.(Invited Talk)
- "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.(Invited Talk)
- "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.(Invited Talk)
- "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.(Invited Talk)
- "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.(Invited Talk)

Department of Environmental Science

Prof. Rajesh Kumar

- National Climate Change Conclave (C3) Inception, Implementation, and Impacts, IIT Delhi (27–28 May 2024) – Invited participant
- Faculty Induction Programme, JNU & UGC-Malaviya Mission Teacher Training Centre (formerly Human Resource Development Centre) (12 June 2024, online) – Resource person
- Ozone Day, Department of Biotechnology, JIIT Noida (16 September 2024, online) – Invited talk
- National Seminar on Disaster Risk Reduction in the Himalayas: Recent Advancements (20–21 September 2024) – Invited lecture

- National Seminar on Emerging Disaster Risk in the Himalayas: Hazard, Exposure and Vulnerability, JNU (20–21 September 2024) – Chaired a session
- Water Management and Traditional Knowledge System (21 October 2024, online) – Resource person lecture
- 5th Annual Meeting of the Upper Indus Basin Network, Chengdu, China (11–15 November 2024) – Invited participant
- Short Training Programme on STEM Teachers of PM HRI JNVs, MNIT Jaipur (16–20 December 2024) – Invited speaker
- Short-Term Teachers Training Program on "Transformative Teaching in the Classroom", MNIT Jaipur (16–20 December 2024) – Resource person
- Stakeholder Workshop, IMD Jaipur (30 December 2024) – Invited participant
- Inspire Internship Camp, Vivekananda Global University, Jaipur (6–10 January 2025) – Mentor
- AICTE Training and Learning (ATAL) Academy FDP on "Navigating SDGs: A Faculty Guide to Sustainability Achievement" (20–25 January 2025, online) – Resource person
- 4th International Conference on Recent Trends in Environment and Sustainable Development (RTESD 2025), Jaipur (27–29 January 2025) – Plenary talk, Distinguished speaker
- Study of Indigenous Knowledge Related to Dyeing and Environmental Conservation Practices, NCERT Ajmer, Regional Institute of Education (4–6 March 2025) – Invited participant
- Workshop on General Education Trends, NCERT Ajmer, Regional Institute of Education (18–19 March 2025) – Invited participant
- Faculty Development Program (FDP) on "Innovative Strategies in Geography and Studies for a Sustainable Development", IASE (Deemed University), Sardarshahr, Churu, Rajasthan (17–24 April 2025, online) – Resource person
- Third Pole Climate Forum (TPCF-3) & Third Pole Regional Climate Centre Network (TPRCC-Network) Task Team Meeting, New Delhi (3–5 June 2025) – Invited participant

Prof. Laxmi Kant Sharma

- 'Introduction to Satellite Image Interpretation and QGIS (Hands-on)' as part of the prestigious Summer Training 2025 organised by India Space Academy (22, July 2025) Guest lecture.
- 'Comprehensive and insightful invited session on "Strategies to Enhance SCOPUS-Indexed SDG Score"- Elevating Research for a Sustainable Future to Be Seen and Cited. (June 2025).
- 'Role of GIS on Sustainable Development Goals (14 & 15)' an insightful session on 21st May 2025, as part of the Online Program on SDGs with Application of GIS, organised by Vellore Institute of Technology, Andhra Pradesh- Invited talk.

- 'Environmental Impact Assessment (EIA)' as part of the program "A Comprehensive Framework for Sustainability (ESG) Reporting in IT: Strategy and Impact," organised by the EICT Academy, MNIT Jaipur (May 2025)- Invited talk.
- 26 अप्रैल 2025 को "राष्ट्रीय शिक्षा नीति 2020 एवं पर्यावरण संरक्षण" विषय पर आयोजित राष्ट्रीय संगोष्ठी में आमंत्रित वक्ता के रूप में; आयोजन शिक्षा विभाग, राजस्थान विश्वविद्यालय, जयपुर एवं विद्या भारती उच्च शिक्षा संस्थान, राजस्थान द्वारा संयुक्त रूप से किया गया था।
- 'Geospatial technology for carbon sequestration' under the Global Initiative of Academic Networks (GIAN) programme on 11 April 2025- Invited talk.
- Delivered a special guest lecture hosted by VIT-AP University on "Usage of Earth Observation Data for Wetlands." The event was organised by the School of Advanced Sciences (SAS), VIT-AP University, February 2, 2025.
- Delivered a talk as a Resource Person on the topic "Mapping the Indian Knowledge System with NEP 2020" in Short-Term Teachers' Training Program on"Transformative Teaching: Enabling NEP 2020 in the classroom" scheduled from 2nd -6thDecember 2024 at MNIT Jaipur.
- Delivered a CEM IUCN Dialogue Webinar on "Teal Carbon Resilience: The Key Role of Wetlands in Climate Solutions", October 28, 2024.

Dr. Pramod N Kamble

- 'Land Restoration, Desertification and Drought Resilience: No land No food' during National Multidisciplinary Conference on Innovation for sustainable development and restoration of environment, Kakasaheb Chavan College, Talmavale, Patan, Satara, March 06, 2025- Invited talk
- 'The future of Waste Management: Trends and Challenges' during National Seminar, Acharya Panth Shri Grindh Muni Naam Saheb Govt. P. G. College, Kawardha, Dist. Kabirdham Chhattisgarh August 07, 2025- Invited talk
- 'Land restoration, desertification and drought resilience' under the slogan "Our land. Our future" during National level Environmental Awareness Program, Cummins India Ltd June 25, 2025- Invited talk

Dr. Garima Kaushik

- 'Role of Nurse in achieving Sustainable Development Goals" on April 25, 2025 in "Seedling school of Nursing", Jaipur National University, Jaipur (Invited Talk)
- 'Analysis and remediation of additive chemicals in Food Grade Plastics" On 8th Nov. 2025 at the "International Conference on Pesticides and related emerging organic pollutants impact on the environment and human health and its remediation strategies" conducted at East Point College of Engineering and Technology (EPCET), Bangalore-560049, India during 7-9, Nov. 2024. (Invited Talk)

Dr. Ritu Singh

- 'Harnessing Advanced Nanomaterials for Environmental Remediation' on 15th Dec 2024, in a "International Conference on Advanced Materials and Startup Ecosystem",

organized by Trivandrum Engineering Science and Technology (TrEST) Research Park, Thiruvananthapuram, Kerala, India.

- 'Chaired a session' in the "National Conference on Women in Decision-Making and Leadership: Shattering Stereotypes and Creating Futures (NCWDL 2024)" on 4th Dec 2024, organized by Central University of Rajasthan, Ajmer, India.

Dr. Shailesh Kumar Patidar

- 'Implications of quorum sensing mechanisms in synthetic ecology inspired models of algae-bacteria and prospective lipid amelioration' On December 17-18, 2024, in 2nd International Symposium on "Advances in Algal Research (AAR-2024)." jointly organized by IIT Guwahati and JNTU Hyderabad at JNTU Hyderabad, India.

- 'Synthetic Ecology and Algal-Bacterial Interactions: Applications for Biofuels' On March 11-12, 2025, in National Conference on "Advances in Chemical and Biological Sciences for Sustainable Development (NCACBS-2025)", organized by the Faculty of Science & Faculty of Pharmacy, and COE-GUNI, in collaboration with Microbiologists Society India (MSI) and Association of Chemistry Teachers (ACT).

Department of Hindi

Prof. N. Lakshmi Aiyar

- "Resource Person for the National Seminar in Vikram Vishva Vidyalay Ujjain on the topic Raj Bhasha Paribhashik shabdavaliyon ka vikas dated27th&28th June 2024 delivered a lecture on Hindi-Tamil Paribhashik Shabdavi Tulna"
- "Guest speaker to international conference of ICHR on Southern devotional literature held in Bangalore dated26th to 29th Nov24."
- "Conducted A two day multi lingual International Hybride mode seminar in Raj Bhawan Tamil Nadu on 16th&17th Nov2024 on the topic "An Analytical study of Tiruvalluvar-Kabirdas-Yogi Vemana"
- "Chaired a session in the International Conference on the topic "Hindi ke vikas mein Rajasthan ka yogdan" dated 18th &19th Jan25 in Jai Narayan Vishwa vidyalay Jodhpur."
- "As a resource person Internationa conference on Bhagwad Gita held on Jan22nd in IIIM Jaipur on the topic Exporing Bhagwad Gita for Contemperary business.management & leader ship."
- "Conducted A two day multi lingual International Hybride mode seminar in Raj Bhawan UP on 31st Jan &1st Feb2025 Topic An analytical study of the books Modi@20 dreams meet delivery and Samajik samarasta"
- "Guest Speaker for the function dated 17/02/25 shared Dias with Chief minister of Rajasthan on the event of Raj Bhasha Vibhag celebrationsHome ministry in

collaboration with Centra western and Northern Regional Raj Bhasha sammelan,seetapura,Jaipur"

- "PhD VIVA EXPERT on 21/2/25 in Maha Raja Ganga Singh university BIKANER, Rajasthan"
- "Public Speaker in Tamil Sangam Colombo on 26th March 2025 on the topic Equality in the works of Tiruvalluvar: on 26/03/25."
- "Guest of Honour for VISHVAS Foundation group celebrations of Power of Vishnu Sahasranamam held in T nagar on 22/06/25 topic Importance of the shlokas in sri Vishnu Sahasra Namam"
- "Invitee speaker by Vishwas for the importance of Vishnu sahasranamam im the maniya Vinayaka temple mini hall in colombo dated 19th July2025"
- "Key note speaker for the two days International Seminar on the topic: Vishva Bhashake roop Mein Hindi"stiti aur Chintan held on 14th&15th Sept25(through Online)"
- "Viva Expert for the KHS Diploma exams held in Sri Lanka ICCR Vivekanand Cultural Centre Colombo on 22/9/25."

Shital Prasad Mahendra

- "Rashtriya Shiksha Niti 2020, LalBahadur Shastri Govt. College, Kotputli. (27.1.2025)
- "Rashtriya Shiksha Niti mein I.C.T. ka Prayog ", Apex College, Dousa (24.3.2025) " Invited Lecture.
- "Rashtriya Shiksha Niti ke Bhashayee Paksh Aur Sambhavnayen" IEEE APS, Jaipur (26.6.2025) Invited Lecture.

Suresh Singh Rathore

- "Sankalp Se Siddhi @ Vikasit Bharat:2047 Avsar Ewam Chunotiyan", "Bharatiya Gyan Parampara Aur Lok Sahitya," Shri Ratanlal Kanwarlal Patani Govt. College, Kishangarh(9.10.2024) Invited Lecture.

Akshansh Bhardwaj

- "Samkalin Girmitiya Pravasi Hindi Sahitya Ki Sthiti", Girmitiya Pravasi Hindi Sahitya: Dasha Aur Disha" kendriya Hindi Sansthan, Agra (20-21. 2.2025) Invited Lecture.
- "Pandit Deendayal Upadhyay: Adarsh Patrakar Ewam Sahitykar", Pandit deendayal Upadhyay: Ekatm Manav Darshan, Janardan Ray Nagar Rajasthan Vidhyapeeth, Udaipur (4-5.6.2025), Invited Lecture.

Department of Management

Prof. Uma Sankar Mishra

- Presented a paper entitled, "A Systematic Review of Interplay between Digital Marketing, Market Orientation, and SMEs Sustainability". International Conference on Business Innovation, Transformation and Sustainability held on 23rd & 24th May 2025, organized by Faculty of Commerce and Management, SGT University, Gurugram, Haryana, India.
- Chaired a Session at International Conference on Dynamics of Sustainability Management through Digitization (DSMD25), held on April 4th–5th, 2025 at JECRC University, Jaipur.

Dr. Sanjay Kumar Garg

- Presented paper on "Does Sustainability Disclosure Matter? Analyzing its Moderating Effect on the CSR-Financial Performance Link" in International Management perspective Conference -2025 at IIM Sambhalpur, Sambhalpur on January 30- February 1 , 2025.
- Presented paper on "Impact of sustainability Disclosure: Exploring its moderating role in the CSR- Financial performance link" in 2nd International Conference on Environment, Business and Sustainability - The emerging paradigm at Bennett University, Noida during November 22-23, 2024.
- Presented Paper on "Farmers Producers Organizations: Transforming the life of small & marginal farmers" in International Conference on Innovation to achieve climate resilient smart agriculture for ensuring global food and nutritional security at Indian Institute of sugarcane research , Lucknow during November 18-19, 2024.
- Presented Paper on "Farmers Producers Organizations: working & challenges" in International Conference on Innovation for a circular future: Strategies Solutions and sustainability at Royal Global University, Guwahati on 18th October, 2024.
- Attended one week Capacity-Building Program on "Research Methodology and Ethics in Research Publications" organized by NITTTR, Bhopal & CURAJ during 29th July to 2nd August, 2024.
- Attended one week Capacity-Building Program on "Intellectual Property Rights (IPR) organized by NITTTR, Bhopal & CURAJ during 29th July to 2nd August, 2024.
- Delivered Invited lecture on "Working of Securities Market" in workshop on Securities Market organized by Poornima University , Jaipur and NISM Mumbai during 20-21 January, 2025
- Delivered Invited lecture on "Working of Securities Market" in workshop on Securities Market organized by Central University of Rajasthan and NISM Mumbai during 23-24 January, 2025

Dr Avantika Singh

- Nazia and Singh, Avantika. (2024). Assessing the Impact of Environmental, Social

and Economic Sustainability on Customer Satisfaction in e-Banking Services.International Conference on Sustainability and Economic Integration (ICSEI-2024). Manipal University, Jaipur. 23-24 December, 2024.

- Singh, Avantika. (2024). Economic Empowerment of Rural Women Self-Help Group Members Through Entrepreneurship in Rajasthan. Dr.Rajendra Prasad National Convention-IV on 'Growth Drivers of Viksit Bharat @2047: Amrit Kaal Vision'. IIPA, New Delhi. December 19-20, 2024.
- Resource person to deliver talk on, 'Understanding Cases' at Online Workshop on 'From Theory to Practice: Developing and Teaching Case Studies for Quality Education (SDG - 4), Department of Business Administration, Manipal University Jaipur, 05 August 2024.

- Singh, Avantika. (2024). Resource person to deliver talk on, 'Publication Ethics' at 5-days Online Workshop on 'Research and Publication Ethics', organised by Research & Innovation Council in association with IEEE- Srinivas University Student Branch, Mangaluru, 23 July, 2024.

- Singh, Avantika. (2024). Resource person to deliver talk on, 'Self-help Groups in Rajasthan: Impact on socio-economic status of rural women', organised by DVARA Research, Chennai, 23 July, 2024.

Dr Tulsee Giri Goswami

- Keynote address Mental Health & Well-Being: Viksit Bharat @2047 National Conference organized by Satya Institute of Mental Health and NeuroSciences (SIMHANS) 27 July 2024.
- Keynote address Transforming Mental Health: Innovations and Interventions International Conference on Mental Health and Well-Being organized by Satya Institute of Mental Health and Neurosciences (SIMHANS), Jaipur on October 12-13, 2024
- Technical Session "Business Model Canvas" in A Five-Day ATAL Faculty Development Programme on Empowering Entrepreneurs: Leveraging AI and Technology for Startup Success at PODDAR BUSINESS SCHOOL from 09/09/2024 to 14/09/2024,
- Expert session on "Mental Health & Wellbeing among Youth" organized by Indian Women Scientist Association (IWSA), Ajmer Branch on March 17th, 2025 at Radha Govind Government College, Brahampuri, Jaipur.

Dr Ramulu Bhukya

- Resource person for the ***Workshop on the Business Model Canvas*,** held on 17 May 2025, organized by St Mary's Centenary College of Management, Hyderabad.
- Attended one week Capacity-Building Program on "Research Motivation" organized by NITTTR, Bhopal & CURAJ during 28th August to 30th August, 2024.

- Attended one week Capacity-Building Program on "Learner Centered teaching Methodology" organized by NITTTR, Bhopal & CURAJ during 2nd December.

Department of Mathematics

Dr. Vipul Kakkar

- 'Sylow Theorems and Applications' on 20-21th of November 2024, in a National workshop on Algebra and its applications" organized by Mahatama Gandhi Kashi Vidyapeeth, Varanasi.

Dr. Asha Kumari Meena

- Invited Speaker at 3rd International Conference on Applied Mathematics in Science and Engineering (AMSE-2024), 25-27th July 2024, organised by ITER, Siksha 'O' Anusandhan University, Bhubaneswar.
- Invited Speaker at Five-day Online Short Term Training Program on Advances in Continuum Models: Application in Science & Engineering (ACM-2025), 21st -25th April 2025, organized by Gati Shakti Vishwavidyalaya, (A Central University), Vadodara, Gujarat.

Dr. Anand Kumar

- Invited Speaker at Five-Day National Workshop on Mathematical Modelling and Analysis in Solid and Fluid Mechanics, 03-07th March 2025, organized by Mahatma Gandhi Central University, Motihari, Bihar.

Dr. Jai Prakash Tripathi

- Invited Speaker at International Conference on Recent Advancements in Applied Mathematics (RAAM), 28-29th April, 2025. organized by the Department of Mathematics, K.S. Saket P.G. College, Ayodhya, U.P., India.
- Invited Speaker at International Conference on Mathematical Sciences and Computing Innovations and Applications (ICMSC-2025), 24-28th June,, 2025, organized by North Eastern Regional Institute of Science and Technology, Arunachal Pradesh, India.
- Invited Speaker at International Conference on Biological Innovation, Technology, Engineering and Science (BITES-2024), 18-20the December 2024, organized by Department of Biotechnology and Medical Engineering and Department of Mechanical Engineering, National Institute of Technology Rourkela in association with National Institute of Technology Uttarakhand, India.
- Invited Speaker at the 6th National Conference on "Recent Advancement in Physical Sciences" 14-15th February, 2025, organized by DIT University, Dehradun and National Institute of Technology, Uttarakhand in association with MRSI, Delhi Chapter and ISDT DRDO, India.
- Invited Speaker at Popular Talk Series – I in Mathematical Biology, 2nd August, 2024, organized by Centre for Excellence in Mathematical Biology, Department of

Mathematics and Computer Science, Prasanthi Nilayam Campus, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, India.

Department of Microbiology

Prof. Pradeep Verma

- Verma P. and Goswami, R.K. "Sub-pilot scale two-stage sequential cultivation of microalgal consortia in municipal wastewater: Effects of seasonal variations on nutrient removal potential, biomass and biomolecules production" at International Conference on Advanced Bioprocessing Technologies for Biomass Conversion: Sustainability and Bioresource Management (XI IBA-IFIBiop, 2024)" from 01/12/2024 to 06/12/2024 in Hong Kong. (Invited Speaker) (DBT-CTEP International Travel support award DBT/CTEP/02/20240856828).
- Verma P. and Nair, L.G., "Microwave-assisted THF-Water system for Bioconversion of Rice Straw for Biofuels and Value-added Platform Chemicals" at 65th Annual International Conference of AMI 2024 "perspectives of microbes for human welfare" Guru Jambheshwar University of Science and Technology, Hisar, Haryana, India from 14-17 November 2024. (Invited Speaker).
- 5th Annual International Conference of AMI 2024 "perspectives of microbes for human welfare" Guru Jambheshwar University of Science and Technology, Hisar, Haryana, India from 14-17 November 2024. (Oral presentation Session 2 Chair)
- Verma P., Two-stage sequential cultivation system using microalgal co-cultivation for treatment of municipal wastewater and biomass production: A large-scale study for field applications at IRAN ALGAE-2024, 29-31 August 2024 (Invited plenary speaker, Online attended).

Prof. Inshad Ali Khan

- "Phytopharmaceuticals Regulatory Challenges and Pathways" in workshop on AyurTech for Precision Health & Integrative Medicine at Center of Excellence, AyurTechSchool of Artificial Intelligence and Data Science (AIDE) Organized by Indian Institute of Technology Jodhpur, India (27-31 January 2025) Resource Speaker

Dr. Deeksha Tripathi

- Delivered lecture on 'Tackling Drug Resistant Mycobacterium tuberculosis: New insights into an old drug', on 18th November 2024, in , MicroArMor 2.0, Antimicrobial Resistance Awareness Week, organised by Department of Microbiology, Central University of Tamil Nadu, Thiruvarur.
- Delivered lecture on 'Bioinformatics: Scope and applications' on 30th Of September 2024, in a National Level lecture series, Diamond Jubilee series organized by CMP College, University of Allahabad.

- Delivered lecture on 'Transcriptomics; Analysis of Gene expression' on 1st October 2024, in a National Level lecture series, Diamond Jubilee series organized by CMP College, University of Allahabad.

Dr. Nidhi Pareek

- Delivered Invited talk on 'Nano-Chitin based sustainable formulations for pollutant mitigation and agricultural applications' during Feb 03-06, 2025 in 4th International Conference on Nanomaterials in Biology organized by organized by the University of Rajasthan, Jaipur in association with Soft Materials Research Society Jaipur (SMRS) and India Korean Centre for Research and Innovation (IKCRI), New Delhi.

Department of Pharmacy

Dr Umesh Gupta

- Invited lecture at virtual Faculty Development Program on **"Innovation in Healthcare System: Multidisciplinary Approach"** organized by *MVN University*, sponsored by IPGA Palwal Chapter held from 22nd to 26th July 2024.
- Participated as a Subject Expert in Brainstorming Session on **"Revision of Syllabus for Bachelor of Pharmacy",** a workshop on National Education Policy 2000 in Pharmacy organized by *Pharmacy Council of India* and *SGT College of Pharmacy* on 2nd and 3rd September 2024 at SGT University, Gurgaon, Haryana, India.

Dr D Madhuri

- Chaired a session in ICSSR SPONSORED National Conference On Women in Decision-Making and Leadership: Shattering Stereotypes and Creating Futures (NCWDL 2024) , Organized by: Women Cell, Central University of Rajasthan on December 3rd-4th, 2024

Dr Kaisar Raza

- Expert talk in the conference "Translating Pharmaceutical Innovations To Reality" on 17-18 January, 2025 organized by Department of Pharmacy, BITS Pilani in collaboration with Translational Biomedical Research Society & BITS-Technology Enabling Centre.
- Expert talk on Overview of IPR's and their importance in the DST sponsored One Day National Workshop on Awareness of Intellectual Property Rights (IPR) "From Ideas to Assets: A Guide to Awareness of Intellectual Property Rights" on February 15,2025 at Government Mahila engineering College, Ajmer.
- Guest speaker on the topic "Pharmacokinetics: An important, but Relatively Unexplored Lane" organized by the Amity institute of Pharmacy, Amity University Uttar Pradesh, Lucknow campus, on 20th January 2025.

Department of Physics

Prof. Manish Dev Shrimali

- "Dynamical systems and Reservoir computing", Climate dynamics and networks, International Centre for Theoretical Science, (ICTS) TIFR, Bengaluru, Nov 11-15, 2024.
- "Physics of learning: Finding patterns in information", Online talk in the workshop on "Machine Learning in physics: Innovations and Applications", Bharathidasan University, Tiruchirapalli, Dec 12-13, 2024.

Dr. Rajendra Pawar

- "Development of efficient photoelectrodes for the green energy technology" International Conference on Frontier Research in Materials Science and Technology (FRMST-2025) March 4 - 5, 2025 Chaudhary Charan Singh University Meerut, India. (Invited Talk)
- Materials for CO2 conversion and H2 production, International Conference on Frontier Research in Materials Science and Technology (FRMST-2025) March 4 - 5, 2025 Chaudhary Charan Singh University Meerut, India. (Session Chaired)
- National Physics Conference PHYCON-25, Indian Institute of Technology (IIT) Ropar, Punjab, India March 21-22, 2025. (Session Chaired)

Dr. Yugandhar Bitla

- "Observation of Three-Dimensional Ising to Uniaxial Dipolar Crossover in a Double Exchange Ferromagnet" International Conference on Magnetic Materials and Applications ICMAGMA2025, Feb. 12-14, 2025, IISc Bangalore, India. Invited Talk

- "Unveiling the magnetic nature of $La_{0.5}Sr_{0.5}Co_{1-x}V_xO_{3-\delta}$ (x =0-0.1)" International Conference on Frontier Research in Materials Science and Technology (FRMST-2025) March 4 - 5, 2025 Chaudhary Charan Singh University Meerut, India. Invited Talk
- Session on "Topological Materials/Energy Materials" International Conference on Frontier Research in Materials Science and Technology (FRMST-2025) March 4 - 5, 2025 Chaudhary Charan Singh University Meerut, India. Session Chaired

- National Physics Conference PHYCON-25, Indian Institute of Technology (IIT) Ropar, Punjab, India March 21-22, 2025. Session Chaired

Dr. Siddharth Dwivedi

- "Generalized Volume Conjecture", Workshop, IIT Bombay, Nov 12-13, 2024. Session Chaired

Dr. Kuldeep Suthar

- "1st Lombok International Conference on Sciences, Technology, Environment, and Mathematics" (LICoSTEM), University of Mataram, Indonesia, October 30-31, 2024. (Invited Talk)
- "International Conference on Advanced Materials and Startup Ecosystem" (ICAMSE),Trivandrum Engineering Science and Technology (TrEST), Research Park, Thiruvananthapuram, Kerala, India, December 13-15, 2024. (Invited Talk)
- International Conference on Quantum Many-Body Systems (ICQMS-2025), Manipur University, Imphal, India, June 26-28, 2025. (Invited Talk)

Department of Society Technology Interface

Dr. Kumar Sambhav Pareek

- Delivered Lecture on "Bridging Constitutional Values and Education for an Egalitarian Society" on 14th January 2025" as Resource Person in Faculty Induction Programme (Online) held from 2nd January 2025 to 29th January 2025, organized by the Malaviya Mission Teacher Training Center (MMTTC) of Central University of Haryana, Mahendergarh (Haryana)

- Resource person in Language proficiency workshop organized by Keshav Vidhyapeeth, Jaipur (19 December 2024)
- Delivered a lecture on "Human Rights in Digital Age: Challenges and Opportunities" on occasion of Human Rights Day organized by Government College, Kareda (Bhilwara) (10 December 2024)
- Co-Chaired a Technical session on "Political Dynamics of Rajasthan" in International Seminar on "Viksit Bharat @2047" organized by Indian Political Science Association and Maharaja Ganga Singh University Bikaner (18-19 Oct 2024).

Dr. Jaya Kritika Ojha

- Delivered an invited lecture on "Collective Action and Cooperation" at the Development Management Institute, Patna (November 28–30, 2024).

Dr. Jugal Kishor

- Session chair on "sustainable tourism and its alignment with the ICSSR collaboration Research project on Vision Viksit Bharat @2047" "in International Conference on Sustainable Tourism in Krishna Circuit: Exploring the Impact and Development under the Swadesh Darshan Scheme Vision Viksit Bharat @2047, organized by JSB, JECRC University, Jaipur from 7th -8th February, 2025.

Department of Sports Bioscience

Dr. Sunil G. Purohit

- Delivered Invited Lecture during Induction Course for Newly Recruited TGTs Physical Education (Female) at NLI Udaipur.

Dr. Shailendra Pratap Singh

- Chaired 2nd National Sports Injury Conclave, New Delhi.
- Board of Governance (BOG) for DST-iTBI, NEC, KRIC Incubation Unit at National Engineering.
- DST appointed Join the Evaluation Committee for DST-Funded NIDHI-iTBI Project.

Department of Sports Psychology

Dr. Guneet Inder Jit Kaur

- "International Conference on Fit for Life: Empowering youth though physical education, sports and traditional sports", 18th-20th February, 2025, organized by National Sports University, Imphal and Don Bosco College at Goa University. Session Chaired.
- "Team Building in Games & Sports & Sports Psychology of School Children" at the Induction program for newly recruited TGT's physical education, organized by Navodaya Leadership Institute, Mavli, Udaipur (January 8, 2025). Invited Lectures.

- "The Environmental Paradox of Sports Tourism and Well-Being", 13th-15th September' 2024, at the 3rd International Conference on Behavioral Sciences and Applied Psychology, Malaysia (BSAP2024). International Keynote Address.

Department of Statistics

Dr. Jitendra Kumar

- Delivered a talk titled "Measures of Fertility Rates" In-Service Orientation Training Course on Medical Records and Information Management during November 25-29, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur.
- Delivered a talk titled "Measures of Mortality Rates" on November 29, 2024 (10:00-11:00) In-Service Orientation Training Course on Medical Records and Information Management during November 25-29, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur.
- Delivered a talk titled "Population Growth/Decline: A quantitative approach" In-Service Orientation Training Course on HIM for Para Medical Personnel during October 21-25, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur, Jaipur-302023.

- Delivered two talks titled "Overview of Indian Population and Census in reference of health survey and data" In-Service Orientation Training Course on HIM for Para Medical Personnel during October 21-25, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur, Jaipur-302023
- Delivered a talk titled "Measurement of Population Growth" In-Service Orientation Training Course on HIM for Non-Medical Personnel during July 29 to August 02, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur, Jaipur-302023.
- Delivered two talks titled "Indian Population and Census 2011 and Registration System and Census" In-Service Orientation Training Course on HIM for Non-Medical Personnel during July 29 to August 02, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur, Jaipur-302023.
- Delivered two talks titled "Analysis of Statistical Data With special reference to National Health Profile" In-Service Orientation Training Course on HIM for Non-Medical Personnel during July 29 to August 02, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur, Jaipur-302023.
- Delivered a talk titled "Measurement of Fertility and Mortality In-Service Orientation Training Course on HIM for Non-Medical Personnel during July 8-12, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur, Jaipur-302023.
- Delivered two talks titled "Indian Population, Registration System and Census" In-Service Orientation Training Course on HIM for Non-Medical Personnel during July 8-12, 2024, organized by Ministry of Health and Family Welfare, Regional office for Hearth & Family welfare Rajasthan, Central Bureau of Health Intelligence, Jaipur, Jaipur-302023.

Dr. Saurabh Kumar

- Delivered a talk titled "Measures of Fertility Rates" In-Service Orientation Training Course on Medical Records and Information Management during November 25-29, 2024, organized by Ministry of Health and Family Welfare.

Department of Yoga

Prof. Raghavendra Bhat

- Invited talk on 'Healing Through Harmony:The Evolution of Yoga from Spiritual Discipline to Clinical Therapy' at Yoga CME organized by Association of Physicians of India Indian College of Physician on May 18, 2025.

- Delivered lecture on 'Empowered Teaching, Enriched Learning: Yoga for Educator Wellness and Student Personality Development' at 15 days Professional Training on Pedagogy and Modern Technology Tools organized by IEEE APS Jaipur Chapter on June 27, 2025.

Prof. Sanjib Kumar Patra

- Delivered keynote address on Yoga Philosophy and its practical applications at the Second national Seminar on Yoga organized by Shri Kallaji Vedic Viswavidyalay on June 30-31, 2025.
- Delivered a keynote address on 'Physiological Dynamics of Yoga' at the National Seminar 'Yogaceutical,' organized by the Department of Vedic Studies and Pharmacy, Modi University, Laxmangarh, Rajasthan, on March 22, 2025.

Dr. Kashinath G Metri

- Role of Yoga in psychosocial health in cancer care, 11th International Conference: Yoga in Cancer Care: Scope, Evidence and Evaluation. Organized by Kaivalyadham Institute of Yoga, Lonavla, Pune on December 7, 2024.
- Delivered invited talk 'Emotional Aspects of Yoga for Self-reliance' at Two days national seminar on Yoga and Self-reliance, organized by Babasaheb Bhimrao Ambedkar University, Lucknow, on March 21, 2025.

Faculty Publications

Department of Architecture

Dr. Sunil Sharma

- Sharma, S. & Gupta, S., 2024. Developing a net-positive energy building: A case study of library building of Central University of Rajasthan. *Infopreneurs: Library Professionals Journal of RTLA*, 1(2), pp.24–34. Available at: http://www.thejournalshouse.com/index.php/JoIRTLA/article/view/1413.

- Sharma, S. & Gupta, S., Sharma, R.K., (2025). *Decoding Hidden Mysteries in Planning of Jaipur City*. ResearchGate. Available at: [DOI: 10.13140/RG.2.2.22801.34402], *Status:* Preprint (not peer-reviewed).

- Sharma, S. & Gupta, S., Sharma, R.K., (2025). *Unlocking Hidden Secrets: Further Decoding Jaipur's City Planning*. ResearchGate. Available at: DOI: 10.13140/RG.2.2.29883.94247], *Status:* Preprint (not peer-reviewed).

Dr. Vivekanand Tiwari

- Tiwari, V., Kumar, A., & Mukherjee, M., (2025). Spatiotemporal mapping of groundwater recharge potential zones for physical planning process—A case of Ajmer City, India. Available at: [DOI: https://doi.org/10.1016/j.ecohyd.2024.02.006).

Department of Atmospheric Science

Dr. Devesh Sharma

- Sharma, A., Sharma, D., Panda, S.K. (2024). Simulation of stream flow for extreme events using hydro-meteorological approach in the semi-arid river basin of India. Climate Dynamics, 63,11,doi:https://doi.org/10.1007/s00382-024-07495-6.

- Bhavyasree, Panda, S. K. Wasson, G., Mondal, U., Kumar, A. Sharma, D. (2024).Assessing the performance of WRF model in simulating severe hailstorm events over Assam and Bihar, India. Modeling Earth Systems and Environment, 10 (6013–6034), doi: https://doi.org/10.1007/s40808-024-02114-z.

- Mondal, U., Panda, S., Terao, T., Kumar, M., Sharma, D. (2024). Evaluating the performance and detection efficiency of Weather Research Forecasting model with lightning parameterization schemes for identifying lightning hotspots over

Northeast region in India. Climate Dynamics. 62 (10381-10404), doi: https://doi.org/10.1007/s00382-024-07457-y

- Vinisha , Panda, S. K., Kumar, A., Mondal, U., Wasson, G., Sharma, D. (2025). Improving severe thunderstorm simulations over Bihar and West Bengal, India through assimilation of upper air observations using the 3DVAR of WRF model. Natural Hazards: Journal of the International Society for the Prevention and Mitigation of Natural Hazards, Springer, 121(1) (839-871), doi: 10.1007/s11069-024-06852-2

- Mondal, U., Kumar, A., Panda, S. K., , Shreelakshmi S., Banerjee B. K., Sharma D. and Das S. (2025). Unveiling India's lightning patterns through satellite-based climatology and numerical modelling of severe weather events: A review. Journal of Earth System Science. 134 (30). doi: https://doi.org/10.1007/s12040-024-02491-0

- Deb, P., Panda, S., Mondal, U., Dash, S., Sharma, D. (2025). 3DVAR Meteorological Data Assimilation and Aerosol Impact on the Simulation of Heat Wave 2022 over Haryana using WRF-Chem. Atmospheric Pollution Research. 16 (102440). doi:10.1016/j.apr.2025.102440

- Sabu, A., Syed, H., Rakshit, G., Das, S., Panda, S., Sharma, D., Pal, J. (2025). Evaluation of Vertically Integrated Liquid water content using polarimetric Doppler Weather Radar. Theoretical and Applied Climatology. 156 (5). doi: 10.1007/s00704-025-05454-7

Dr. Subrat Kumar Panda

- Bhavyasree, Panda, S.K., Wasson, G., Mondal, U., Kumar, A., Sharma, D. (2024). Assessing the performance of WRF model in simulating severe hailstorm events over Assam and Bihar, India. Modeling Earth Systems and Environment. 10 (6013-6034). doi:https://doi.org/10.1007/ s40808-024-02114-z

- Mondal, U., Panda, S.K., Terao, T., Kumar, M., Sharma, D. (2024). Evaluating the performance and detection efficiency of Weather Research Forecasting model with lightning parameterization schemes for identifying lightning hotspots over Northeast region in India. Climate Dynamics. 62 (10381-10404). doi:https://doi.org/10.1007/s00382-024-07457-y

- Vinisha, Panda, S.K., Kumar, A. (2025). Improving severe thunderstorm simulations over Bihar and West Bengal, India through assimilation of upper air observations using the 3DVAR of WRF model. Natural Hazards. 121 (839–871). doi:https://doi.org/10.1007/s11069-024-06852-2

- Mondal, U., Kumar, A., Panda, S. K., , Shreelakshmi S., Banerjee B. K., Sharma D. and Das S. (2025). Unveiling India's lightning patterns through satellite-based climatology and numerical modelling of severe weather events: A review. Journal of Earth System Science. 134 (30). doi: https://doi.org/10.1007/s12040-024-02491-0

- Deb, P., Panda, S.K., Mondal, U., Dash, S., Sharma, D. (2025). 3DVAR Meteorological Data Assimilation and Aerosol Impact on the Simulation of Heat Wave 2022 over Haryana using WRF-Chem. Atmospheric Pollution Research. 16 (102440). doi: https://doi.org/10.1016/j.apr.2025.102440.

- Sharma, A., Sharma, D., Panda, S.K. (2025). Simulation of stream flow for extreme events using hydro-meteorological approach in the semi-arid river basin of India. Climate Dynamics. 63 (11). doi: https://doi.org/10.1007/s00382-024-07495-6

- Sabu, A., Syed, H., Rakshit, G., Das, S., Panda, S., Sharma, D., Pal, J. (2025). Evaluation of Vertically Integrated Liquid water content using polarimetric Doppler Weather Radar. Theoretical and Applied Climatology. 156 (5). doi: 10.1007/s00704-025-05454-7

Dr. Chinmay Mallik

- Panda, S., Mallik, C., Babu, S. S., Mandal, T.K., Das, T., Boopathy, R. (2024) "Vehicular Pollution as Primary Source of Oxidative Potential of PM2.5 in Bhubaneswar, a non-attainment city in eastern India", Environmental Science: Processes & Impacts. 26 (1716-1735). doi:https://doi.org/ 10.1039/D4EM00150H

Dr. Jai Prakash

- Kumar, V., Sahu, M., Biswal, Basudev, Prakash, J., Choudhary, S., Raliya, R., Chadha, T., Fang, J., Biswas, P. (2024). Real-Time Source Apportionment of Particulate Matter from Low-Cost Particle Sensors Using Machine Learning. Aerosol Science and Engineering. doi:https://doi.org/10.1007/s41810-024-00271-3

- Anand, D., Sahu, A., Prakash, J. (2025). Assessment of Fine Aerosol in Two Different Climate Regions of India Using MERRA-2 Products, Ground-based Measurements, and Machine Learning. Aerosol Science and Engineering. doi:https://doi.org/10.1007/s41810-024-00279-9.

- Kumar, V., Sahu, M., Biswal, B., Prakash, J., Choudhary, S., Raliya, R., Biswas, P. (2025). Temporal dynamics and source characteristics of fine particulate matter using Positive Matrix Factorization (PMF). Atmospheric Pollution Research, 16(8), 102539. doi: https://doi.org/10.1016/j.apr.2025.102539

Dr. Jayanti Pal

- Sabu, A., Syed, H., Rakshit, G., Das, S., Panda, S., Sharma, D., Pal, J. (2025). Evaluation of Vertically Integrated Liquid water content using polarimetric Doppler Weather Radar. Theoretical and Applied Climatology. 156 (5). doi: 10.1007/s00704-025-05454-7

Department of Biochemistry

Prof. Chandi C Mandal

- Soni, S., Makwana, S. H., Bansal, S., Kumari, M., & Mandal, C. C. (2025). Lipid metabolism associated PLPP4 gene drives oncogenic and adipogenic potential in breast cancer cells. Biochimica et Biophysica Acta (BBA)-Molecular and Cell Biology of Lipids, 159609.
- Azeez, A. A., Bhatnagar, A., Makana, S. H., Mandal, C. C., Kumar, V., & Aboaba, S. A. (2025). PHYTOCHEMICAL SCREENING AND ANTI-CANCER STUDY OF ETHYLACETATE EXTRACTS OF TWO AFRICAN Tapinanthus SPECIES. *Journal of Chemical Society of Nigeria*, *50*(1).
- Kumar, K., Crobu, L., Thiam, R., Mandal, C. C., Sterkers, Y., & Prajapati, V. K. (2025). Apoptotic proteins in Leishmania donovani: in silico screening, modeling, and validation by knock-out and gene expression analysis. *Parasite*, *32*, 9.
- Makwana, S. H., Sharma, T., Mahapatra, M. K., Kumari, M., Jain, A., Shrivastava, S. K., & Mandal, C. C. (2024). Targeting TRIM26: Unveiling an Oncogene and Identification of Plant Metabolites as a Potential Therapeutics for Breast Cancer. *Journal of Cellular Biochemistry*, *125*(10), e30644.
- Nath, V., Bhatnagar, A., Kumar, H., Chandravanshi, A. K., Sharma, A., Mandal, C. C., & Kumar, V. (2024). Phytochemical identification and assessment of Amberboa ramosa Mediated Inhibition of Microtubule and EGFR Associated Growth and Metastasis of Breast Cancer Cells: In vitro and in silico perspective. *Journal of Computational Biophysics and Chemistry*, *23*(07), 851-867.
- Poswal, J., & Mandal, C. C. (2025). Lipid metabolism dysregulation for bone metastasis and its prevention. *Expert Review of Anticancer Therapy*, 1-17.
- Mandal, C. C., & Rhoades, J. A. (2024). Bone cell differentiation in health and disease, volume II. *Frontiers in Endocrinology*, *15*, 1499544.

Prof. Sanjib Kumar Panda

- Panda, S. K., Gupta, D., Patel, M., Vyver, C. V. D., & Koyama, H. (2024). Functionality of reactive oxygen species (ROS) in plants: Toxicity and control in Poaceae crops exposed to abiotic stress. Plants, 13(15), 2071.

- Patel, M., Gupta, D., Saini, A., Kumari, A., Priya, R., & Panda, S. K. (2024). Physiological phenotyping and biochemical characterization of mung bean (Vigna radiata L.) genotypes for salt and drought stress. Agriculture, 14(8), 1337.
- Singh, A. K., Panda, S. K., & Pandey, D. M. (2024). Transcriptome analyses revealed differential gene expression patterns in contrasting rice landraces as a response to acidic or proton toxicity stress. Current Plant Biology, 39, 100368.
- Gupta, D., Saini, A., van der Vyver, C., & Panda, S. K. (2024). Gene Editing: Paving the Way for Enhancing Plant Tolerance to Abiotic Stresses-Mechanisms, Breakthroughs, and Future Prospects. *Journal of Plant Growth Regulation*, *43*(11), 3986-4002.
- Chowra, U. K., Regon, P., Kobayashi, Y., Koyama, H., & Panda, S. K. (2024). Characterization of Al3+-toxicity responses and molecular mechanisms underlying organic acid efflux in Vigna mungo (L.) Hepper. *Planta*, *260*(5), 116.
- Thounaojam, T. C., Meetei, T. T., Devi, Y. B., Tanti, B., Panda, S. K., & Upadhyaya, H. (2024). Arsenic stress responses in sensitive and tolerant rice of North-East, India. *Cereal Research Communications*, *52*(4), 1443-1457.
- van der Vyver, C., Regon, P., Fulton, K., & Panda, S. K. (2025). Comparative Transcriptomic Analysis of AtBBX29 Transgenic and Wild Type Sugarcane Exposed to Drought Stress. Physiologia Plantarum, 177(3), e70306.
- Kumari, R., Gupta, D., Regon, P., Gábor, K., & Panda, S. K. (2025). Genome-Wide Analysis for TLDc domain-containing genes in Oryza sativa. *Computational Biology and Chemistry*, *117*, 108428.

Dr. Hemant Daima

- Taj, M., Manohara, S. R., Siddlingeshwar, B., Daima, H. K., Sharma, A., Bhat, V. S., ... & Jain, P. K. (2024). Functional carbon nanoparticles modified poly (3, 4-ethylenedioxythiophene) nanocomposites with enhanced dielectric and antibacterial properties. *Hybrid Advances*, *6*, 100204.

Dr. Vishvanath Tiwari

- Kulshrestha, M., & Tiwari, V. (2025). Bacteriophage D2SVT exhibits potent antimicrobial and antibiofilm activity against carbapenem-resistant Acinetobacter baumannii. *Journal of Applied Microbiology*, *136*(6).
- Sarkar, S., Kulshrestha, M., Chaudhary, A., & Tiwari, V. (2025). In-silico identification and experimental validation of possible inhibitor for the bifunctional protein GlmU of Acinetobacter baumannii. *International Journal of Biological Macromolecules*, *305*, 141239.
- Mamata, Priti, Kulshrestha, M., Tiwari, V., & Dutta, A. (2025). Effect of Reaction Time on Silver Decorated Graphene–Oxide Sheets and Its Antibacterial Activity. *BioNanoScience*, *15*(3), 403.

- Mamata, Kumar, C., Tiwari, V., Ţălu, Ş., Awasthi, K., & Dutta, A. (2025). Biofabrication of GO–Ag nanocomposite using Cucumis callosus (kachri) fruits: Enhanced antibacterial properties and green synthesis approach. *Microscopy Research and Technique*, *88*(1), 286-297.
- Sharma, S., & Tiwari, V. (2024). Polyvinylpyrrolidone capped silver nanoparticles enhance the autophagic clearance of Acinetobacter baumannii from human pulmonary cells. *Discover Nano*, *19*(1), 154.

Dr. Shiv Swaroop

- Verma, N., Bajiya, M., Dolhey, R., Surabhi, Yadav, A. S., Chaudhary, C., ... & Pandey, J. (2025). Mechanistic Insights into the Antibiofilm Activity of Simvastatin and Lovastatin against Bacillus subtilis. *Molecular Pharmaceutics*, *22*(5), 2703-2722.

Dr. Dhanewar Prusty

- Naik, B., & Prusty, D. (2024). Molecular docking, MD simulation, and MMGBSA-binding free energy estimation study identify antibiotic analogs as potential antimalarials targeting housekeeping proteins of Plasmodium falciparum apicoplast. *Molecular Simulation*, *50*(14), 1039-1063.

- Panda, M., Srivastava, V., Singh, S., & Prusty, D. (2025). Unveiling Prospective Therapeutic Potential of Conserved Hypothetical Plasmodium falciparum Proteins by Using Integrated Proteo Genomic Annotation and In-Silico Therapeutic Discovery Approach. *The Protein Journal*, 1-27.

Dr. Dipak Gayen

- Pandey, A., & Gayen, D. (2024). Decoding post-translational modification for understanding stress tolerance in plant. *Crop Design*, *3*(4), 100077.
- Karmakar, S., Selvaraj, S., Gayen, D., & Baig, M. J. (2024). A Detailed Proteomics and Metabolomics Landscape Sheds Light on the Mechanistic Insights Into the Resistance Response of Transgenic Pigeon Pea Against Wilt Stress. *Plant, Cell & Environment*.
- Malviya, R., & Gayen, D. (2024). Seed Deterioration: Unraveling the Role of Phytohormones on Seed Germination Under Aging Condition. *Journal of Plant Growth Regulation*, 1-17.
- Gayen, D., Kumar, S., Barua, P., Lande, N. V., Karmakar, S., Dey, A. K., ... & Chakraborty, N. (2025). OsDUF2488 acts synergistically with OsPrx1. 1, regulates ROS metabolism and promotes dehydration tolerance in rice. *Plant Biotechnology Journal*.

- Sharma, P., & Gayen, D. (2025). Comprehensive endoplasmic reticulum proteomics analysis in chickpea (Cicer arietinum L.): unveiling cellular secrets. *Journal of Proteins and Proteomics*, *16*(1), 1-11.
- Malviya, R., Majumder, S., Sharma, P., & Gayen, D. (2025). Integrated proteomic and metabolomics analysis of chickpea seeds under aging conditions. *Journal of Proteomics*, 105487.

Dr. Bhawna Bissa

- Soni, N., & Bissa, B. (2024). Exosomes, circadian rhythms, and cancer precision medicine: New frontiers. *Biochimie*, *227*, 172-181.
- Tiwari, A., Soni, N., Dongre, S., Chaudhary, M., & Bissa, B. (2025). The role of plant-derived extracellular vesicles in ameliorating chronic diseases. *Molecular Biology Reports*, *52*(1), 360.
- Chaudhary, M., Soni, N., Malik, N., Chosdol, K., & Bissa, B. (2025). Differential expression of GABARAPs in glioblastoma renders temozolomide sensitivity in a p53-dependent manner. *Tissue and Cell*, 102991.
- Bissa, B., Claude-Taupin, A., Ivanov, P., Jia, J., & Pu, J. (2025). Survival strategies: cellular responses to stress and damage. *Frontiers in Cell and Developmental Biology*, *13*, 1630652.

Department of Biomedical Engineering

Dr. Sandeep Choudhary

- Tanmay Vyas, Surbhi Jaiswal, Sandeep Choudhary, Prashant Kodgire, Abhijeet Joshi (2024). Carbon quantum dot (CQD)-dithizone-based thin-film chemical sensors for the specific detection of lead ions in water resources. Environmental Science: Water Research & Technology, 10(11), pp.2858-2868. (SCI and Scopus)

Dr. Vikrant Singh Rajput

- Khan, A., Naaz, F., Ahmad, N., Prusty, J.S., Kumar, A., Kalia, N.P., Khan, I.A., Rajput, V.S. and Shafi, S., 2025. Cinnamic Acid Based Capsaicinoids as Potent NorA Efflux Pump Inhibitors Against Ciprofloxacin Resistant S. Aureus. Chemistry Select, 10(24), p.e00069. (SCI and Scopus)

Department of Biotechnology

Dr. Jayendra Nath Shukla

- Choudhary C, Kishore D, Meghwanshi KK, Verma V, Shukla JN. "A sex-specific homologue of waprin is essential for embryonic development in the red flour beetle, *Tribolium castaneum*" Insect Mol Biol. 2025 Feb;34(1):111-121. doi: 10.1111/imb.12956. Epub 2024 Aug 21. PMID: 39167359.

- Verma N, Bajiya M, Dolhey R, Yadav AS, Chaudhary C, Meena D, Arya H, Bhatt TK, Yadav JK, Shukla JN, Swaroop S, and Pandey J Mechanistic Insights into the Antibiofilm Activity of Simvastatin and Lovastatin against Bacillus subtilis Molecular Pharmaceutics 2025 22 (5), 2703-2722 DOI: 10.1021/acs.molpharmaceut.5c00191

Dr. Pankaj Goyal

- Yadav A., Gaur K., Sharma P. K., Gehlot P., Bage S., Saini M., Brünnert D., Goyal P*. (2025) The Multifaceted Role of STK35/STK35L1 in Human Diseases: A Time for Critical Appraisal. Kinases Phosphatases 3(2):12.
- Sivanesan S., Howell MD., Kaushik V., Jayakumar R., Pari M., Goyal P*. (2024) Multifunctional Tasks and an Energy Crisis are Crucial Players in Determining the Vulnerability of the Entorhinal Cortex to Early Damage in Alzheimer's Disease. Curr. Alzheimer Res. 21, 295.
- Manjunath GK., Sharma S., Nashier D., Vasanthaiah S., Jha S., Bage S., Mitra T., Goyal P., Neerathilingam M., Kumar A. (2024) Breast cancer genomic analyses reveal genes, mutations, and signaling networks. Funct. Integr Genomics 24, 206.
- Gehlot P., Brünnert D., Kaushik V., Yadav A., Bage S., Gaur K., Saini M., Ehrhardt J., Manjunath G. K., Kumar A., Kasliwal N., Sharma A. K., Zygmunt M., Goyal P*. (2024) Unconventional localization of PAI-1 in PML bodies: A possible link with cellular growth of endothelial cells. Biochem. Biophys. Rep., 39, 101793.

Dr. Jay Kant Yadav

- Verma N, Bajiya M., Dolhey R., Yadav A.S., Chaudhary C., Meena D., Arya H., Bhatt T. K., **Yadav J.K.**, Shukla J.N., Swaroop S., Pandey J (2025). Mechanistic Insights into the Antibiofilm Activity of Simvastatin and Lovastatin against *Bacillus subtilis*. ***Mol. Pharmaceutics*** 2025, 22, 5, 2703–2722.

Dr. Surendra Nimesh

- Loveleen, L., Gupta, N., Nimesh, Surendra. (2025). In vitro antibacterial, antibiofilm, antioxidant and cytotoxic analysis of green synthesized silver nanoparticles using Terminalia bellirica bark extract. Microbial Pathogenesis. 206. 107766. 10.1016/j.micpath.2025.107766
- Gautam, M. Nimesh, S., Sharma, C., Gupta, N. (2025). Nano-bioremediation, a new approach to degrade veterinary antibiotics from environment. International Journal of Modern Physics B. 39. 10.1142/S0217979225501346.
- Bhardwaj A, Mathur P, Nimesh S, Chatterjee S, Gupta N. Meta-analysis of Genetic Factors Responsible for Syndromic Anorectal Malformations in Children. *Journal of Neonatology*. 2024;38(4):584-594. doi:10.1177/09732179241274101
- Saxena, N., Jain, S., Roy M., Nimesh, S., Chatterjee, S., Gupta, N. (2025). Trachyspermum ammi seed extract modulated nanosilver as a transformative

agent for antibacterial and wound healing activities. International Journal of Modern Physics B. 39. 10.1142/S0217979225501474

- Verma, N., Loveleen, L. Nimesh S., Kumar S., Kumar K., Jeet K., Thakur N., Flower flake-shaped zinc oxide nanoparticles synthesized by microwave technique with different plant extracts for anti-bacterial activity, N. Verma, L. Loveleen, Surendra Nimesh, S. Kumar, K. Kumar, K. Jeet, N. Thakur, Nanofabrication 9(2025)
- Verma N., Pathak D., Kumar, K., Jeet, K., Nimesh, S., Loveleen, L., Kumar, S., Thakur, N. (2025). Photocatalytic, antibacterial and antioxidant capabilities of (Fe, Al) double doped ZnO nanoparticles with Murraya Koenigii leaf extract synthesized by using microwave assisted technique. Materials Chemistry and Physics. 333. 130422. 10.1016/j.matchemphys.2025.130422.
- Jain S., Sharma M., Syed A., Bahkali, A., Nimesh S., Gupta, N., Chatterjee S., (2024). Synergistic therapeutic effect of Guggul gum resin on antidiabetic activity of saxagliptin. Journal of Agriculture and Food Research. 18. 101462. 10.1016/j.jafr.2024.101462.
- Kumar P., Kumar S., Tapwal A., Nimesh S., Thakur N., (2024). Water Purification and Biological Efficacy of Green Synthesized Co/Zn-Doped α-Fe2O3 Nanoparticles. Sustainable Chemistry for the Environment. 8. 100160. 10.1016/j.scenv.2024.100160
- Gavadia R., Rasgania J., Sahu N., Nimesh S., Loveleen L., Mor S., Singh D., Jakhar K., (2024). Indole analogs as potential anti-breast cancer agents: Design, synthesis, in-vitro bioevaluation with DFT, molecular docking and ADMET studies. Journal of the Indian Chemical Society. 101. 101404. 10.1016/j.jics.2024.101404.
- Singh, S., Arya, H., Sahu, W., Reddy, K. S., Nimesh, S., Alotaibi, B. S., Kumar Bhatt, T. (2024). Green synthesized silver nanoparticles of *Terminalia bellirica* leaves extract: synthesis, characterization, *in-silico* studies, and antimalarial activity. *Artificial Cells, Nanomedicine, and Biotechnology*, *52*(1), 238–249. https://doi.org/10.1080/21691401.2024.2339429

Dr. Khem Raj Meena

- Mondal R, Dam P, Chakraborty J, Shaw S, Pradhan S, Das S, Nesa J, Meena KR, Ghati A, Chaudhuri SD, Bhattacharjee D, Mandal V, Sarkar B, Mandal AK (2024). Genomic dataset of a multiple-drug resistant Pseudomonas sp. strain RAC1 isolated from a flacherie infected Nistari race of Bombyx mori L., Data in Brief 54: 10.1016/j.dib.2024.110293 (web of science) (2023-24)
- Aishwarya P, Meena KR*, Kanwar SS, Kumar A (2024). Assessment of oxytocin and Bacillus velezensis lipopeptide on mammalian cell lines. Biomedical Analysis. 2:16-24. doi.org/10.1016/j.bioana.2024.11.00
- Saini S, Rathore K, Fauzdar N, Yadav S, Kapoor D, Baghel U, Sangal A, Meena KR, Rajput CS, Zore GB, Singh G (2025). Design, synthesis and anticandidiasis assessment of new fluorine containing pyrimidines. ChemistrySelect (Manuscript No. 202405488R1; Accepted)

Dr. Tarun Kumar Bhatt

- Rana, M., Terpstra, K., Gutierrez, C., Xu, K., Arya, H., Bhatt, T.K., Mirica, L.M. and Sharma, A.K. (2025). Evaluation of Anti-Alzheimer's Potential of Azo-Stilbene-Thioflavin-T derived Multifunctional Molecules: Synthesis, Metal and Aβ Species Binding and Cholinesterase Activity. Chemistry–A European Journal, *31*(2), p.e202402748.
- Godara P, Reddy KS, Sahu W, Naik B, Srivastava V, Das R, Mahor A, Kumar P, Giri R, Anirudh J, Tak H, Banavath HN, Bhatt TK, Goyal AK, Prusty D (2024). Structure-based virtual screening against multiple Plasmodium falciparum kinases reveals antimalarial compounds. Mol Divers, Dec;28(6):3661-3681.

Dr. Gajendra Singh

- Saini S, Rathore K, Fauzdar N, Yadav S, Kapoor D, Baghel U, Sangal A, Meena KR, Rajput CS, Zore GB, Singh G* (2025). Design, synthesis and anticandidiasis assessment of new fluorine containing pyrimidines. ChemistrySelect (Manuscript No. 202405488R1; Accepted)

Dr. Janmejay Pandey

- A Pandey, J Israr, **J Pandey**, S Misra. Current Approaches and Implications in the Discovery of Novel Bioactive Products from Microbial Sources. Current Microbiology. 2025; 82 (6): 258.
- Kumari P, Shukla MK, Tripathi A, **Pandey J**, & Goyal AK. Development of Ofloxacin-Loaded CS/PVA Hydrogel for the Treatment of Metritis in Bovine. Drugs and Drug Candidates. 2025; 4 (2): 17
- Verma N, Bajiya M, Dolhey R, Surabhi, Yadav AS, Chaudhary C, Meena D, Arya H, Bhatt TK, Yadav JK, Shukla JN, Swaroop S, & **Pandey J***. Mechanistic Insights into the Antibiofilm Activity of Simvastatin and Lovastatin against Bacillus subtilis. ACS- Molecular Pharmaceutics. 2025; 22(5): 2703–2722.
- Dar MA, **Pandey J**, & Kaushik. G. Optimizing malathion biodegradation by Bacillus cereus via a design of experiment framework. Bioremediation Journal. 2024; 1-19.

Department of Chemistry

Dr. Anuj Kumar Sharma

- Joshi, H.; Mahala, S.; Rakesh, P.; Singh, S.; Sharma, A. K. “Mn(I)-NNSe Pincer Complex Catalyzed Regioselective Synthesis of Bisindolylmethanes under Base and Solvent-free Conditions” Asian Journal of Organic Chemistry, 2025, e00323.
- Khan, T. A.; Yadav, A.; Kumar, V.;* Sharma, A. K. “Development of 2-bis(quinolin-2-ylmethylene)hydrazine based half-sandwich ruthenium(II) arene complexes with high cytotoxicity in castration-resistant prostate cancer cells” European

Journal of Inorganic Chemistry, 2025, e202400851.

- Bhatt, S.; Malpani, P.; Swornaprava Pati, S.; Kumar N.; Bhuvnesh, N.; Joshi, H. and Sharma, A. K.* "Ruthenium Complexes of Phenylbenzothiazole-Quinoline based Ligands for Selective α-Olefination of Methylazaarenes" European Journal of Inorganic Chemistry, 2024, e202400623.
- Rana, M.; Terpstra, K.; Gutierrez, C.; Xu, K.; Arya, H.; Bhatt, T. K.; Mirica, L. M.; Sharma, A. K. "Evaluation of Anti-Alzheimer's Potential of Azo-Stilbene-Thioflavin-T derived Multifunctional Molecules: Synthesis, Metal and Ab Species Binding and Cholinesterase Activity" Chemistry A European Journal, 2024, e202402748. Publication Date: 30 October 2024.
- Rana, M.; Raj M. V. N.; Sharma, A. K.* "Selected Examples of Iron and Cobalt Complexes Exhibiting Spin-Crossover Behavior" Book Chapter in "Advances in materials science: Fundamentals and applications" Editors: R. S. Ningthoujam and A. K. Tyagi, Book in Springer Nature. 2024, pp 389–426. ISBN: 978-981-97-4645-3.

Dr. Bhupendra Goswami

- Goswami, B., Yadav, R., Joshi, H., Roy, P. (2025), Zirconium and Hafnium Complexes of Enantiopure Iminophosphonamides, *Eur. J. Inorg. Chem.,* 2025, 28, e202400627.

- Goswami, B., Roesky, P. W. (2025), Comprehensive Coordination Chemistry of Iminophosphonamides, *Inorg. Chem. Front.* (doi; 10.1039/D5QI00275C).

Dr. Chandrakanta Dash

- Joshi, O. P.; Ramalingam, T.; Pardasani, R. T.; Ray, S.; Dash, C. (2024), Palladium(II) complexes bearing mesoionic carbene ligands: catalytic application in domino Sonogashira coupling/cyclization reactions for one-pot synthesis of benzofuran and indole derivatives. *RSC Advances*, volume 14, page. 27141–27152.

Prof. Easwar Srinivasan

- Sharma, S., Jha, A.K., Kumawat, S., Easwar, S. (**2025**), A base-dependent reactivity switch in Baylis–Hillman ketones: access to N'-alkyl benzohydrazides and fluorescent dihydropyrazoles. *Organic & Biomolecular Chemistry*, volume 23, pages 5863-5871.
- Kumari, K., Khan, A. G. H., Easwar, S. (**2024**), Contrasting Facial Selectivity of a Squaramide-Tagged Proline in the Asymmetric Michael Addition of Ketones to Maleimides. *Adv. Synth. Catal.*, volume 366, pages 4715-4722.
- Kumari, K., Khan, A. G. H., Dhiya, A. K., Easwar, S. (**2024**), A squaramide-tagged proline mediated direct asymmetric aldol addition in the presence of water. *Eur.*

J. Org. Chem., volume 27, page e202400992.

- Kumari, R., Kumawat, S., Easwar, S. (**2025**), A Formal [3+3] Annulation of Morita– Baylis–Hillman Ketones to Construct Pyrimidobenzothiazoles. *SYNTHESIS* volume 57, pages 209-217.
- Sharma, S., Kanwar, N., Khan, A. G. H., Easwar, S. (**2025**), Access to isolable cyclic dienamines and N-aryl-2-aminobenzophenones from Morita-Baylis-Hillman ketones. *New. J. Chem.* volume 49, pages 4639-4646.

Dr. Hemant Joshi

- Tanwar, D., Mahala, S., Ahluwalia, D., Bhuvanesh, N., Joshi, H., Kumar, U. (**2024**), Nickel Complexes Bearing Quinoline Derived NNS Donor Ligands as Catalytic Activators for *N*-alkylation of Anilines with Alcohols. *Chem. Asian. J.*, volume 19, page e202400557.
- Bhatt, S.; Malpani, P.; Swornaprava Pati, S.; Kumar N.; Bhuvnesh, N.; Joshi, H., Sharma,
- K. (**2024**), "Ruthenium Complexes of Phenylbenzothiazole-Quinoline based Ligands for Selective α-Olefination of Methylazaarenes" *Eur. J. Inorg. Chem.*, volume 28, page e202400623.
- Goswami, B., Yadav, R., Joshi, H., Roy, P. (**2025**), Zirconium and Hafnium Complexes of Enantiopure Iminophosphonamides, *Eur. J. Inorg. Chem.,* volumne 28, page e202400627.
- Singh, S., Mahala, S., Bhuvanesh, N., Joshi, H. (**2025**), Pd(II) NCSe-pincer complexes for regioselective cross-dehydrogenative coupling of arylthiophenes with hetero(arenes). *Catal. Sci. Technol.*, volumne 15, pages 523-536.
- Gaatha K.; Kumar, S.; Sharma, A.; Bhuvanesh, N.; Roy, P.; Joshi, H. (**2025**) A trans-palladium dichloride complex with a bulky organosulfur ligand: syntheses, structure, and applications in catalytic alkylation of acetophenone and secondary alcohols using alcohols. *New J. Chem.* , volume 49, page 3956-3968.
- Mahala, S., Singh, S., Rakesh, P., Bhuvanesh, N., Joshi, H. (**2025**) Manganese(I)-NNSe Pincer Complex Mediated Dehydrogenative Cyclization to Synthesize 2-Aryl-2,3-dihydroquinolin-4(1H)-ones. *J. Org. Chem.*, volumne 90, pages 3789-3795.
- Swami, P. N. , Meena, N., Joshi, H., Aarzoo, Roy, R. K., Rangan, K., Kumar, A. (**2025**), Unsymmetrical NNE (E = S, Se) Pincer Palladium(II) Complexes: Syntheses, Structure, and Catalytic Activity in Decarboxylative Heteroarylation of Coumarin-3-carboxylic Acids. Organometallics, DOI: 10.1021/acs.organomet.4c00494.
- Singh, S., Yadav, N., Mahala, S., Yadav, J., Behera, K., Rao, G. K., Joshi, K., Sharma, K. N. (**2025**), Metal complexes featuring organotellurium ligands: synthesis, coordination behavior, and applications. *Dalton Trans.*, DOI: 10.1039/D4DT03502J.
- Mahala, S.; Rakesh, P.; Singh, S.; Sharma, A. K.; Joshi, H. (**2025**) Mn(I)-NNSe Pincer Complex Catalyzed Regioselective Synthesis of Bisindolylmethanes under Base and Solvent-Free Conditions, Asian Journal of Organic Chemistry,

https://doi.org/10.1002/ajoc.202500323.

- Yadav, K.; Mahala, S.; Singh, S.; Joshi, J.; Joshi, H., (2025) Pd(II)-Catalyzed Dehydrogenative Annulation of 2-Arylimidazo[1,2-a]Pyridines with Maleimides: Regioselectivity Switch and Photophysical Properties, Chemistry A European Journal, https://doi.org/10.1002/chem.202501883.

Dr. M. Bhanuchandra

●Dhanwant, K., Bhedi, D., Bhanuchandra, M., Thirumoorthi, R. (2024), In Situ Generated 1-Naphthylmethyl Radicals From Bis(1-Naphthylmethyl)tin Dichlorides: Utilization For C-C, C-N, and C-O Bond-Forming Reactions. *Asian J. Org. Chem.,* volume 14, e202400593.

●Jat, R. S., Kar, S., Prabagar, B., Yadav, K., Chandaluri, C. G., Bhanuchandra, M. (**2025**), Synthesis of Highly Substituted Cyclobutanes *via* Silver-Catalyzed Reaction of Pyrazole and Propargyl Carbonates. *Asian J. Org. Chem.* DOI: 10.1002/ajoc.202500374*.*

Dr. Partha Roy

●Goswami, B., Yadav, R., Joshi, H., Roy, P. **(2025)**, Zirconium and Hafnium Complexes of Enantiopure Iminophosphonamides, *Eur. J. Inorg. Chem.,* volume 28, page e202400627.

●Gaatha K.; Kumar, S.; Sharma, A.; Bhuvanesh, N.; Roy, P.; Joshi, H. **(2025)** A trans-palladium dichloride complex with a bulky organosulfur ligand: syntheses, structure, and applications in catalytic alkylation of acetophenone and secondary alcohols using alcohols. *New J. Chem.* , volume 49, page 3956.

Dr. S. Rajagopala Reddy

• Sihag, N. Bhartiya, H., Jain, S., Singh, J., Rajagopala Reddy, S., Ramu Yadav. S. (2025), Pd-catalyzed enantioselective reductive Heck reaction of mono-fluoro, *gem*-difluoro, and trifluoromethyl tethered-alkenes. *Chem. Commun.*, 61, 11413

• Hafeez, S., Sharma, R., Jain, S., Sihag, N., Bhartiya, H., Singh, J., Rajagopala Reddy, S., Ramu Yadav, M. (2024) Pd-Catalyzed Cascade Heck/C(sp^3)–H Activation for Spirocyclopropyl Oxindoles *Org. Lett.* 26, 5069.

• Goyal, S., Rajagopala Reddy, S. (2024) Investigation of excited states of BODIPY derivatives and non-orthogonal dimers from the perspective of singlet fission. Phys. Chem. Chem. Phys. 26, 26398

Dr. Ritesh Singh

●Deeksha, Singh, R. (**2024**), Heteroannulation of Arynes with α-Bromodifluorohydroxamates: An Efficient and General Approach to Access 2,2-Difluoro Indoxyls. *Org. Lett.* volume 26, pages 5682-5688.

●Deeksha, Choudhary, D., Gurjar, I. K., Menon, A. P., Deokar, A. R., and Singh, R. (**2025**), Synthetic Approaches to Access Indolin-3-ones. *Asian J. Org. Chem*.,

ajoc.202500102.

Dr. Thirumoorthi Ramalingam

- Saini, A., Bhedi, B., Dhanwant, K., Thirumoorthi, R. (2024), Multi-Azobenzene Moieties On Rigid Cyclotriphosphazene Core: Synthesis, Structural Characterization, Electrochemistry, and Photoisomerization Study. *J. Photochem. Photobiol. A: Chem.,* volume 452, Article 115603.
- Dhanwant, K., Bhedi, D., Bhanuchandra, M., Thirumoorthi, R. (2024), In Situ Generated 1-Naphthylmethyl Radicals From Bis(1-Naphthylmethyl)tin Dichlorides: Utilization For C-C, C-N, and C-O Bond-Forming Reactions. *Asian J. Org. Chem.,* volume 14, e202400593.
- Saini, A., Bhedi, D., Verma, M., Meena, S. S., Bitla, Y., Thirumoorthi, R. (2025), Structural and Magnetic Properties of Fe2TeO6-alpha-Fe2O3. *Bull. Mater. Sci.,* volume 48, article number 37.

Department of Commerce

Prof. Praveen Sahu

• Pandey,S., & Sahu, P. (2025). Synergizing Entrepreneurship and Human Resource Management: A Perspective on Analytics, Prospects, and Challenges. International Journal of Research and Analytical Reviews, 12 (1), 436-448.

• Sahoo, M., Mohanty, S. P., & Sahu, P. (2024). Effect of monetary policy transmission on the use-based classification of manufacturing industry in India: an empirical evidence. International Journal of Law and Management.

• Tanwar, S., & Sahu, P. (2024). Two decades of research on affiliate marketing: a systematic literature review. Theoretical and Applied Economics Volume XXXI (2024), No. 1(638), Spring, pp. 211-230.

Dr. Priyanka Bhaskar

- Bhaskar, P., & Seth, N. (2025). Exploring differences in youth entrepreneurial intentions: A comparative analysis of India and China. AiBi Revista de Investigación, Administración e Ingeniería, 13(1), 186-195.
- Bhaskar, P., & Seth, N. (2025). OpenAI: a PESTLE analysis of factors influencing ChatGPT's business growth. International Journal of Business Forecasting and Marketing Intelligence, 10(2), 185-198.
- Bano, A., Soriya, S., & Bhaskar, P. (2025) Artificial intelligence disclosure: Evidence from Indian listed companies. International Journal of Electronic Business.

- Bano, A., Soriya, S., & Bhaskar, P. (2024) Responsible Ai in Practice: Ethical Disclosure Mechanisms Through Corporate Digital Responsibility. Management, 5(2), 175-190.

Dr. Shubham Pandey

• Pandey, S., Jain, D., Kumari, V., & Vaishnav, V. (2025). The role of entrepreneurial ecosystem factors in enhancing women's entrepreneurial performance: Evidence from Ajmer District of Rajasthan. Accountancy, Business and the Public Interest, 01, 87-108. (ABDC-B Category Journal)
• Pandey, S. (2025). AI-Driven Accounting: Opportunities, Challenges, and the Road Ahead. International Journal of Scientific Research in Engineering and Management, 09 (2), 1-10.
• Pandey,S., & Sahu, P. (2025). Synergizing Entrepreneurship and Human Resource Management: A Perspective on Analytics, Prospects, and Challenges. International Journal of Research and Analytical Reviews, 12 (1), 436-448.
• Mansi, Pandey, S., & Goyal, A. (2024). Effect of HRM Practices on Textile Industry Performance through HR Outcomes and Job Satisfaction as Mediator. SEDME (Small Enterprises Development, Management & Extension Journal), 51(3), 263-278.

Department of Computer Science & Engineering

Dr. Prakash Choudhary

●Sourav Mondal, Prakash Choudhary and Priyanka Rathee, Robust classification model for identifying stroke patients utilising a machine learning-based ensemble stacking method, Vol 7(1), 2025.
●Tanwar, S., Choudhary, P., Priyanka, and Agrawal, T. (2024), HCN: Hybrid Capsule Network for Fetal Plane Classification in Ultrasound Images. Int J Imaging Syst Technol, 34: e23149.
●B. Kumar, S. Kumari and T. Kumar, "Sign Language Recognition using Deep Learning," *2025 International Conference on Pervasive Computational Technologies (ICPCT)*, Greater Noida, India, 2025, pp. 927-932.

Dr. Basant Agarwal

●Yadav, T. Garg, M. Klemen, M. Ulcar, B. Agarwal and M. Robnik-Sikonja, "From Translation to Generative LLMs: Classification of Code-Mixed Affective Tasks," in *IEEE Transactions on Affective Computing*, doi: 10.1109/TAFFC.2025.3553399.
●Mohbey, K. K., Agarwal, B., Kesswani, N., Sterjanov, M., Nikol, Y., & Margarita, V. (2025). Hate Speech Identification and Categorization on Social Media Using Bi-LSTM: An Information Science Perspective., 13(1), 51-69, https://doi.org/10.1633/JISTaP.2025.13.1.4.

●Sachin Bhandari, Sunil Pathak, Sonal Amit Jain, Basant Agarwal, "SACOENet: an advanced segment anything model enhanced with self-calibrated convolutions and optimized EfficientNetB7 for precise diabetic retinopathy detection". Netw Model Anal Health Inform Bioinforma 14, 41 (2025). https://doi.org/10.1007/s13721-025-00530-4

●Sachin Bhandari, Sunil Pathak, Sonal Amit Jain, Basant Agarwal, "Improved Diabetic Retinopathy Severity Classification Using Squeeze-and-excitation and Sparse Light Weight Multi-level Attention U-net With Transfer Learning From Xception", Acta Diabetologica, 62(1), 95-112, https://doi.org/10.21203/rs.3.rs-3942706/v1,2025

Dr. Gaurav Somani

●Gunjan Kumar Saini and Gaurav Somani, "Is There a DDoS?: System+Application Variable Monitoring to Ascertain the Attack Presence," in IEEE Transactions on Network and Service Management, Vol. 21(6), 2024.

●Anmol Kumar, Gaurav Somani, and Mayank Agrawal, "Comparing HAProxy Scheduling Algorithms During the DDoS Attacks" , IEEE Networking Letters, Vol. 6(2), 2024.

Dr. Ravi Saharan

●Ravi Saharan, Analysis of Crowd using CNN with Physical distance Status, Journal of Information Systems Engineering and Management, Vol. 10(38S), 2025.

●R. Saharan and N. Kesswani, "A Method to Recognize Facial Emotion for Crowded Images," *2024 Second International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI)*, Coimbatore, India, 2024, pp. 858-863.

●Ravi Saharan, Nistha Kesswani and Yash Chauhan, Estimation of Crowd Density in Images, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol 11(9), 2024.

●Ravi Saharan, Nishtha Kesswani. (2024). Comparative Analysis of Number of Person for Dense and Sparse Crowdy Scenario. *Acta Scientiae*, *25*(4), 22–32.

Dr Muzzammil Hussain

● Akshay Kumar, Usha Jain, Muzzammil Hussain, Mohammad Khalid Imam Rahmani, Abdulbasid S Banga (2024) Mechanism for Device Authentication and Session Key Generation in Industrial Internet of Things Networks. IEEE Access, [online] Vol 12, pp. 108770-108785, doi: 10.1109/ACCESS.2024.3435688.

●Suman Soni, Muzzammil Hussain (2025) Lightweight Authentication of Devices in Wireless Sensor Network, Procedia Computer Science, [online] Vol 252, pp. 1005 – 1013, doi.org/10.1016/j.procs.2025.01.061.

Dr. Tarun Kumar

- Kumari, S., Kumar, T. Enhancing the capabilities of traffic surveillance systems by integration of intelligent vehicle classification techniques. *Multimed Tools Appl* (2025). https://doi.org/10.1007/s11042-025-20921-z.

Department of Computer Science

Dr. Abhay Kumar Rai

- Rahul Kumar Yadav, Shashi Prakash Tripathi, and Abhay Kumar Rai (2025). Finding future associations in complex networks using multiple network features, The Journal of Supercomputing, 1573-0484.

Dr. Krishna Kumar Mohbey

- Krishna Kumar Mohbey, Basant Agarwal, Nishtha Kesswani, Maxim Sterjanov, Yunevich Niko, Vishnyakova Margarita (2025). Hate Speech Identification and Categorization on Social Media Using Bi-LSTM: An Information Science Perspective, JOURNAL OF INFORMATION SCIENCE THEORY AND PRACTICE, 2287-9099.
- Malika Acharya, Krishna Kumar Mohbey (2025). Time-aware cross-domain point-of-interest recommendation in social networks, Engineering Applications of Artificial Intelligence, 0952-1976

Dr. Krishna Kumar Mohbey & Dr. Gaurav Meena

- FSTL-SA: Few-shot transfer learning for sentiment analysis from facial expressions, Gaurav Meena, Krishna Kumar Mohbey, K Lokesh, Multimedia Tools and Applications, 2024, 1573-772
- Malika Acharya, Krishna Kumar Mohbey (2024). Exploring the evolution, progress, and future of point-of-interest recommendation over location-based social network: a comprehensive review, GeoInformatica, 1384-6175.

Dr. Ajay Indian, Dr. Krishna Kumar Mohbey & Dr. Gaurav Meena

- Ajay Indian, Gaurav Meena, Krishna Kumar Mohbey, Siddharth Singh Kushwaha, (2025). Identifying Malicious URLs Using Deep Learning based VGG16 Architecture with Transfer Learning Method, Procedia Computer Science, 1877-0509.

Dr. Ajay Indian

- Bharati Yadav, Ajay Indian, and Chandra Prakash Gupta (2025). Offline Handwritten Devanagari Character Recognition Using Modified Capsule Neural Network, Procedia Computer Science, 1877-0509.
- Neetu Singh, Ajay Indian (2024). TECHNO PEDAGOGICAL AND CONTENT KNOWLEDGE (TPACK): AN EFFECTIVE TOOL FOR CONTENT DELIVERY FOR TEACHERS, ShodhKosh: Journal of Visual and Performing Arts, 2582-7472.

Department of Culture and Media Studies

Amitabh Srivastava

- Raghuwanshi, P. P. S., Srivastava, A., & Bhatt, B. (2024). Do newspapers prepare common masses for democracy: A textual analysis of the coverage of elections 2024 in *The Times of India* and *Indian Express*. *Research Today: An International Peer Reviewed and Refereed Research Journal of Humanities & Social Sciences, 15*(2), 26–49.

Anoop Kumar

- Kumar, A., & Maurya, M. K. (2024). Online Public Sphere and Threats of Disinformation, Extremism and Hate Speech: Reflections on Threat-Mitigation. *Journal of Communication Inquiry*. https://doi.org/10.1177/01968599241292623
- Maurya, M. K., & Kumar, A. (2024). Audience Data and Editorial Decision-Making: Evolution and Applications of Web Analytics in Newsrooms. *Journal of Media Ethics*, *39*(4), 263–278. https://doi.org/10.1080/23736992.2024.2418037

Nicholas Lakra

- Kumari, S., & Lakra, N. (2025). Boycott trend in Bollywood films: A critical analysis of audience perceptions in India. *The Academic, 3*(4), 1474–1490. https://doi.org/10.5281/zenodo.15412708
- Kumari, S., & Lakra, N. (2024). Representation of transgenders in visual media: A critical analysis of LGBTQ youth-perception. *IIS University Journal of Arts, 13*(4), 315–332.
- Kumari, S., & Lakra, N. (2025). "Can the subaltern speak?" in Indian cinema: Decoding the tribal women in *Kamla* (1984). *Swami Vivekananda Advanced Journal for Research and Studies, 2*(1), 218–222.

Pranta Pratik Patnaik

- Agarwal, M. and Patnaik, P.P. (2024) 'Embodying Indian 'Epic' Masculinities: Interpretations of Masculine Images in Hatim'. *Journal of Kolkata Society for Asian Studies*, Vol.10, No.2, ISSN No.2454-5694.

Department of Data Science and Analytics

Dr. Vidyottama Jain

- Nikita Mittal, Nika Ivanova, Vidyottama Jain and Vladimir Vishnevsky (2024), Reliability and Availability Analysis of High-Altitude Platform Stations through Semi-Markov Modeling, Reliability Engineering & System Safety, 252, 110419. (Impact Factor: 11) (https://doi.org/10.1016/j.ress.2024.110419)

Dr. Nishtha Keswani

- Monika Vishwakarma, and Nishtha Kesswani(2025). "StaEn-IDS: An Explainable Stacking Ensemble Deep Neural Network-based Intrusion Detection System for

IoT." IEEE Access , SCOPUS. Vol. 13, pp. 109713-109728, 2025, doi: 10.1109/ACCESS.2025.3582391. [Impact factor 3.4].

- Saran, Naveen, and Nishtha Kesswani(2025). "An analytics-driven framework for securing industrial IoT-enabled supply chain management systems." Supply Chain Analytics (2025), Elsevier, Vol 11, pp. 100128. SCOPUS. https://doi.org/10.1016/j.sca.2025.100128.
- Saran, Naveen, and Nishtha Kesswani(2025). " Intrusion Detection System for Internet of Medical Things using GRU with Attention Mechanism based Hybrid Deep Learning Technique." Jordanian Journal of Computers and Information Technology (JJCIT) 11.02 (2025), SCOPUS.
- Krishna Kumar Mohbey, Basant Agarwal, Nishtha Kesswani, Maxim Sterjanov, Nikol Yunevich, Margarita Vishnyakova(2024). "Hate Speech Identification and Categorization on Social Media using Bi-LSTM: An Information Science Perspective". Journal of Information Science Theory and Practice (2024), SCOPUS.

Dr. Pritpal Singh

- P. Singh, Quantum Wavefunction Optimization Algorithm: Application in Solving Traveling Salesman Problem. International Journal of Machine Learning and Cybernetics (Springer), 16, 3557–3585, 2025. [IF = 3.1 (2023)]

- M. K. Muchahari, P. Singh and S. Das, Automated white matter lesions segmentation of MRIs for multiple sclerosis detection using fuzzy-entropy algorithm. International Journal of Fuzzy Systems (Springer), 1–12, DOI: 10.1007/s40815-024-01878-x, 2024. [IF = 4.085 (2021)]
- P. Singh, B. Saini, and Y.-P. Huang, AECA: An ambiguous-entropy clustering algorithm for the analysis of resting-state fMRISs of human brain and their functional connections. Modern Physics Letters B (World Scientific), 39 (18), 2550023, 2024. [IF = 1.9 (2022)]

- P. Singh and Y.-P. Huang, AKDC: Ambiguous Kernel Distance Clustering Algorithm for COVID-19 CT Scans Analysis. IEEE Transactions on Systems, Man and Cybernetics: Systems (IEEE), 54 (10), 6218–6229, 2024. [IF = 8.7 (2022)]

- P. Singh, From Ambiguous Sets to Single-Valued Ambiguous Complex Numbers: Applications in Mandelbrot Set Generation and Vector Directions. Modern Physics Letters B (World Scientific), 39 (14), 2450509, 2024. [IF = 1.9 (2022)]

- P. Singh, Data-Driven Ambiguous Cognitive Map for Complex Decision-Making in Supply Chain Management. Journal of Computational Mathematics and Data Science (Elsevier), 14, 100110, 2025.

Dr. Bhavna Saini

- P. Singh, B. Saini, and Y.-P. Huang, AECA: An ambiguous-entropy clustering algorithm for the analysis of resting-state fMRISs of human brain and their functional connections. Modern Physics Letters B (World Scientific), 39 (18), 2550023, 2024. [IF = 1.9 (2022)]

Dr. Subodh Kumar

- Neeraj Kumar Sharma, Sakeena Shahid, Subodh Kumar, Sanjeev Sharma, Naveen Kumar, Tanya Gupta, and Rakesh Kumar Gupta. "XAI-VSDoA: An Explainable AI-Based Scheme Using Vital Signs to Assess Depth of Anesthesia." IEEE Access (2024), vol. 12, pp. 119185-119206, doi: 10.1109/ACCESS.2024.3449704. [Scopus, IF: 3.6]

Department of Economics

Dr. Hemlata Manglani

- Kumari, L. ., Dias, R. ., Irfan, M. ., Manglani, H., Galvão, R. ., & Varela, M. . (2024). Does Haryana's SHG Participation Help the Quality of Life of Dalit Women? An Approach Based on Composite Index and Treatment Effect. Journal of Ecohumanism, 3 (5), pp. 30-41, https://doi.org/10.62754/joe.v3i5.3637
- Mudgal B., Manglani H., (2025). Trends of Total Factor Productivity of G7's Manufacturing Sector. Trends of Total Factor Productivity of G7's Manufacturing Sector. International Journal for Multidisciplinary Research, 7(1), 1-11, https://doi.org/g834d8

Dr. Pragati Jain

- Redhu, S., & Jain, P. (2025). Exploring the Interwoven Pathways of Water Sustainability and Poverty: Insights from a 2SLS Analysis. World Water Policy, 11(3), 699–714. https://doi.org/10.1002/wwp2.70006
- Philip, S. M., & Jain, P. (2025). Breaking barriers: exploring factors shaping women's financial decision-making in Indian households. Development in Practice, 35(3), 374–385. https://doi.org/10.1080/09614524.2024.2446946
- Behera, B., & Jain, P. (n.d.). Enhancing coastal resilience: A Multidimensional assessment of agricultural related occupational risk in Odisha, India. *Agriculture economic review*, *2024 Vol. 25 No. 2*.
- Jain, P., & Jain, P. (2024). Addressing global environmental crisis through sustainable and spiritual intervention: a case of Jainism. International Journal of Business and Globalisation, 37(3), 370–375. https://doi.org/10.1504/ijbg.2024.139819

Dr. Satyanarayanamurty Dogga

- Dogga, S. (2024). From rupees to responsibility: Assessing the environmental impacts of financial development in India with a governance lens using a VECM approach. *Economic Affairs (SCOPUS)*, 1629-1641. DOI: 10.46852/0424-2513.5.2024.13
- M, H. A., Dogga, S. M., Dinesh, S. A., & Kuruva, M. B. (2024). The Impact of COVID-19 Pandemic on E-commerce: Primary Evidence from India. IMIB Journal of Innovation and Management. https://doi.org/10.1177/ijim.241241252
- J., S. M. D., & -, S. T. (2024). Does Higher Institutional Quality Result in Environmental Sustainability? A Comparative Study of India and China. International Journal For Multidisciplinary Research, 6(2). https://doi.org/10.36948/ijfmr.2024.v06i02.14430

Dr. Suresh Kumar Patra

- Soni, H., Yadav, R. K., & Patra, S. K. (2025). Global impact of urbanization on ecosystems: A comprehensive bibliometric analysis. Natural Hazards Research, 5(1), 21–35. https://doi.org/10.1016/j.nhres.2024.04.001
- . U., Patra, S. K., & Naik, P. K. (2024). Assessing Macroeconomic Influences on Indian Sovereign Bond Yields: An Insight from the ARDL Bound Test Approach. Gospodarka Narodowa, 320(4), 93–114. https://doi.org/10.33119/gn/190912

Department of Education

Prof. Anjali Sharma

- Sharma, A., Aggarwal, M. & Ray, S. (2025). Health, Hygienic, and Educational Conditions of Upper Bonda Tribal Women of Malkangiri, Odisha, India. International Journal of Multidisciplinary Educational Research and Innovation. *3*(2), 376- 386.[E- ISSN: 2980-4760 P- ISSN: 2980-4752]
- Sharma, A., Sharma, R., & Nagda, R. C. (2025). Assessing Teachers' Competencies Related to Environment-Sensitive Issues: Insights for Future Training and Professional Development. International Journal of Multidisciplinary Educational Research and Innovation. *3*(2), 376- 386. *3*(2), 61-72[E- ISSN: 2980-4760 P- ISSN: 2980-4752]
- Sharma, A. & Ray, M. (2025). Value Delivery Practices in the Thoughts of Miyazawa Kenji and Jiddu Krishnamurti: A Systematic Review from an Educational Perspective.Asian Research Journal of Arts & Social Sciences. 23 (1):59–68. [ISSN:2456-4761]
- Sharma, A. & Singh, S. (2025). Assessment of Scientific Creativity for Eighth-Grade Students. School Science- A Quarterly Journal of SCIENCE EDUCATION, NCERT, New Delhi. 72(2), June2019. [ISSN-p-0036-679X-3675, E-ISSN-0972-5061]
- Sharma, A., Ray, M., & Banerjee, S. (2024). Strength from resilience: Harnessing Values and Knowledge through the Poem and Story by Miyazawa Kenji, Journal of

Poetry Therapy-The Interdisciplinary Journal of Practice, Theory, Research and Education. Taylor and Francis, 1-11. [ISSN-p-0889-3675, online-1567-2344].

- Sharma, A. & Aggarwal, M. (2024). Navigating Adversities: A Systematic Literature Review of Challenges Faced by Transgender Individuals. Asian Research Journal of Arts & Social Sciences 22 (12):307-21. [ISSN:2456-4761].
- Sharma, A. & Ray, M. (2024). Kenji's International School Echoes with the Voices of "Sirbuba": An Interview with Nandu Uprety. Asia Pacific Journal: Japan Focus. Reflections & Insights. 22 (9)- 4. Article 5864. [ISSN: 1557-4660].
- Sharma, A. & Kudei**, A.** (2024). Opportunities and Challenges of Working with Gifted Learners: A Systematic Review. Journal of Education, Society and Behavioural Science. 37 (6):491–501. [ISSN: 2456-981X]
- Sharma, A., Singh, S. & Kumar, V. (2024). Geometry in Warli: Merging Folk Art with Mathematics Teaching. ShodhKosh: Journal of Visual and Performing Arts. 5(1), 1629–1644[ISSN: 2582-7472]

Dr Narendra Kumar

- Kumar, N., Tamisha. (2024). Understanding Disengagement among Undergraduate Students: Causes, Consequences, and Interventions. *Third Concept,* 38(452), 49-52. [ISSN-09707247]
- Kumar, N., Rana E. (2024). Rashtriye Karyasoochi "Viksit Bharat@2047" Ki Karyasiddhi mai Shakshnik Sansathaano se Apekshaayein. *Juni Khyat,* 14(I)(II), 453-460. [ISSN-2278-4632]
- Beri, N., Thakur, K., & **Kumar N.** (2025). Cross-cultural Examination of social support, examination support, and well being: A Comparative study of Indian and international students, *Journal of International Students*, 15(2), 169-182. [ISSN-2166-3750]

Dr Gobind Singh

- Gure, G.S., and Munish Kumar (2025). "A Comparative Study of Career Preferences & Career Conflicts Among the Secondary and Senior Secondary School Students". Asian Journal of Education and Social Studies, 51 (2):71-80. [ISSN: 2581-6268]
- Gure, G.S. & Bhatt, Mihir (2024) entitled "Stakeholders' Perception: Stakeholders' perception: E-Learning initiatives in school education of Rajasthan state in the course of COVID-19", Journal of Applied and Advanced Research (JAAR), Vol. 09, pp.26-36, [ISSN: 2519-9412].
- Malawat H. and Singh, G. (2025) Rethinking Entrepreneurial Pedagogy: Holistic Approach from Pragmatism, Constructivism and Social-Constructivism, (2025). MSW Management Journal, 34(2), 205-225. [ISSN: 1053-7899]
- Gure, G. S. (2024). Building an Optimistic Future: Core Principles of Positive Education. Indian Journal of Modern Research and Reviews ,Volume 2, Issue 7, July 2024, pp.66-75, DOI: *https://doi.org/10.5281/zenodo.15132513*[E-ISSN-2584-184X].

• Gure, G. S. (2024). Positive Education: A Holistic Approach– Nature and Significance. International Journal of Contemporary Research in Multidisciplinary.2024; 3(4): 221-226. DOI: https://doi.org/10.5281/zenodo.14983222 [ISSN: 2583-7397]

Dr Sangeeta Yaduvanshi

• Yaduvanshi, S. & Padhan, A.K. (2024) Relevance of Social –Emotional learning research in contemporary education. Red Shine publisher, India [ISBN: 978-93-5879-925-5]

• Yaduvanshi, S. & Rajput, N. (2025) Educational needs of children belonging to marginalized group Global book organization, New Delhi [ISBN: 978-81-968923-4-0]

Dr Rina Godara

• Godara, R., Gopinath, S (2025). Transforming Education to cope with Fourth Industrial Revolution (4IR), An International Peer Reviewed and Referred Journal Council for Teacher Education Foundation, (CTEF, Gujarat Chapter), Vol: XII Issue, ISSN 2349-7076

• Roy,P, Godara,R (2025). Pathways To Power: How Women Leaders Overcome Institutional Obstacles In Higher Education, International Journal of advanced research, 13(03), 396-400, ISSN: 2320-5407

Dr Seema Gopinath

• Gopinath, Seema & Renjini (2025). Influence of Resilience and Self Esteem on the Academic Performance of Tribal Students at the Secondary Level. *Indian Journal of Psychology,* 33-35. [ISSN:0019-5553]

• Gopinath, Seema & Dansana, Ranjan (2025). A Study on Pro environmental Behaviour among B.Ed. Students. *Shiksha Shodh Manthan*, 11(2), 113-117. [ISSN: 2395–728X]

• Urvashi Yadav & Gopinath, Seema (2025). The Last Artisans: Indigenous Craftsmanship Across Generations in Zanskar Valley. *Research Review Journal of Indian Knowledge Systems* 2(1), 1-9. [ISSN: 3048-8133]

• Godara, Rina & Gopinath, Seema (2025). Transforming Education to Cope with Fourth Industrial Revolution (4IR). *EduInspire* 12(1), 50-56, [ISSN 2349- 7076]

Dr T. Sangeetha

• Sangeetha T., (2025) Thirunangaigalin Vazhviyalum Munnetramum, New Centurian Ungal Noolagam, 18, (Issue:03June) ISSN 2394-7535-121

• Sangeetha T., & Kumar, A. (2025) National Institute for Empowerment of Persons with Multiple Disabiliies (NIEPMD)-A Case Study on the Model School. *GRT Journal of Education, Science and Technology* 3(1): 1-9ISSN 2584-301X.

Dr Nithya Prem S. R.

- Nithya Prem S.R. (2025). Effectiveness of the Guided Discovery Method in Enhancing Critical Thinking Skills in Physics at the Higher Secondary Level.*Eksplorium-Buletin Pusat Teknologi Bahan Galian Nuklir*,46(2), 708–715. [ISSN-p-2229-5356]
- Nithya Prem S.R & Shalini (2025). An Analytical Overview Of The Evolution Of The Gurukul Education System From The Vedic Era To Contemporary Frameworks. *Business, Management and Economics Engineering* , 23(1) 668-672. [ISSN-2669-2481]
- Nithya Prem S.R & Shalini (2025).The Gurukul Education Systems A Pivotal role in Addressing the Prevalent Challenges in Contemporary Society. Vishvesharanand Indological Journal, LXII-LXIII July dec 2024 70-75 .[ISSN 0507-1410].

Department of Electronics and Communication Engineering

Dr. Sanyog Rawat

- T. Nahar, S. Rawat, P. Rawal and V. Das (2024) "Efficiency Enhanced Sneezewort Plant Inspired Antenna for mm-wave Applications", Microwave Review, Vol. 30, No. 2, pp. 71-81, DOI: 10.18485/mtts_mr.2024.30.2.9.

- T. Nahar, S. Rawat, P. Pathak, P. Kumar and J. Anguera (2024) “Leaf-shaped antennas for Sub-6 GHz 5G applications”, IEEE Access, https://doi.org/10.1109/ACCESS.2024.3435528.

- T. Nahar and S. Rawat (2024), “Next-Gen Multiband Millimeter-Wave and Terahertz Antennas for Remote Diagnosis of COVID-19 and Dengue via Lung and Glucose Monitoring”, EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 11, Issue 04, pp. 3164-3182, https://doi.org/10.5109/7326954.

- A. Sharma, S. Rawat and S K Khah (2024), “Annular Rings Antenna for WiMAX / WLAN Band with Frequency and Polarization Diversity”, EVERGREEN Joint Journal of Novel Carbon Resource Sciences & Green Asia Strategy, Vol. 11, Issue 04, pp. 3156-3163, https://doi.org/10.5109/7326953.

Dr. Milan Sasmal

- Rajeev Dhar Divedi, Pramod Kumar, Rajan Singh and Milan Sasmal*, "Fabrication of MoS2-BSA-ZnO nano-bio composite Electronic Device for ultra-low-level Atrazine Detection”, IEEE Transactions on Electron Devices, Volume: 71, Issue: 12, Page(s): 7771 - 7777, 2024, doi-10.1109/TED.2024.3485034

Dr. Rajan Singh

- Rajeev Dhar Divedi, Pramod Kumar, Rajan Singh, and Milan Sasmal (2024) " Fabrication of MoS_2-BSA-ZnO Nano-Bio Composite Electronic Device for Ultralow-

Level Atrazine Detection", IEEE Transactions on Electron Devices, Vol. 71, No. 12, pp. 7771-7777, https://doi.org/10.1109/TED.2024.3485034.

- Rajeev Dhar Divedi, Pramod Kumar, Rajan Singh, and Milan Sasmal (2025) "Fabrication of MoS_2-BSA-ZnO nano-bio composite based Flexible Electronic Sensor Device for ultra-low level of Atrazine Detection", IEEE Explore, DOI: 0.1109/ICCECE61355.2025.10941021.

Dr. Kapil Saraswat

• Meha Agrawal, Trivesh Kumar, Kapil Saraswat, (2024) "A Substrate Integrated Waveguide Based Wideband Circularly Polarized Slot Antenna Using Parasitic Square Patch Array", Journal of Electromagnetic Waves and Applications, Vol. 38, No. 14, pp. 1605-1620, DOI: 10.1080/09205071.2024.2385503

• Meha Agrawal, Trivesh Kumar, Kapil Saraswat (2024), "A Compact Half-Mode Substrate Integrated Waveguide Based Dual-Wideband Antenna", Wireless Personal Communications, Vol. 136, pp. 1283–1296, DOI: 10.1007/s11277-024-11345-3

Department of English

Sanjay Arora

• Padhan, Venkateshwar, Sanjay Arora, (2024) "Analysing the Concept of Suffering in Aravind Adiga's Amnesty from Standpoint of the Twelve Links of Dependent Origination", *Motifs,* Volume 10, number 1.

• Sharma, Kirti, Sanjay Arora, (January -June 2025) "Tribal Tourism as a Tool for Socio-Culture and Economic Empowerment: A Study of Southern Rajasthan," *Anhad Lok*.

Bhumika Sharma

• Sharma, B. (July-August 2024) "The Aesthetics of Opposition: A Study of Mirabai's Poetic Resistance" *Indian Literature*, Vol. LXVIII, No. 4, No. 342: pp. 173-184.

• Sharma, B. (September 2024) "Queering the Domestic Space through Reimagining 'Home': Deconstruction of Heteronormativity in Abha Dawesar's *Babyji*", *Literary Voice,* Number 23, Volume 1, pp. 70-78.

Neha Arora

• Choudhary, S and Arora, Neha. (September 2024) "Affirming 'Self', Representing Dis/ability in the Life Narrative of Naseema Hurzuk". *Literary Voice*, Vol. 1, Number 23. ISSN 2277-4521. pp 417-424. (UGC CARE Group II)

• Choudhary, S and Arora, Neha. (May - October 2024, published in June 2024) "Mapping the Multiple Marginalities in Sumitra Mehroul's *Tute Pankhon Se Parwaz Tak". Drishti: The Sight*, Vol. XIII, Issue I. ISSN 2319-8281. pp. 99-103 (UGC CARE)
• Arora, Neha. (February 2025) "Desire, Defiance, Disability: A Critical Study of Margarita with a Straw," *New Literaria,* Vol. 6, No. 1, ISSN 2582-7375.
• Arora, Neha. (December 2024) "Reading 'Asexuality' and 'Rolelessness' in the Select Life-Narratives of Indian Disabled Women" *Lapiz Lazuli,* Vol. 14, No. 2, ISSN 2249-4529.

Ved Prakash

- Prakash, Ved. (September 2024) "Artificial Intelligence and the Crisis of Human Civilisation through Black Mirror". *Mizoram University Journal of Humanities and Social Sciences*. Vol. X, Issue 1, pp. 193-203. [ISSN: 2395-7352]
- Prakash, Ved. (September 2024) "Singing the Songs of Sorrow: A Study of Gender and Sexuality through Rima Das' *Bulbul Can Sing*, *Shodhkosh: Journal of Visual and Performing Arts*. Scopus Indexed. 5(3), pp. 192-201. [ISSN: 2582-7472]

Savita Andelwar

• Andelwar, Savita. (October-December 2024) "Mahadev Desai's Day- to- Day with Gandhi: A Study " in *Gandhi Marg, Quarterly Journal of the Gandhi Peace Foundation,* Volume 46, Issue 3, pp. 280-291.
• N. Benjamin & Andelwar, Savita (January 2024) "Bishop Heber's Travelogue with Reference to Christianity in India" in *Indian Church History Review,* Published by The Church History Association of India, Vol.58, No.1, pp. 97-105.
• Andelwar, Savita & Geeta, (November- December 2024) "Exploring Environmental Consciousness and Human Connection in the Over story" in *International Journal of Scientific Research in Science and Technology* Vol.11, Issue. 21.Pp. 106-110.

Department of Environmental Science

Prof. Rajesh Kumar

• Seerat Sultan, Shruti Singh, Rajesh Kumar, Showkat A. Malik, Javaid Hassan Sheikh and Amrit Sudershan (2024) "Understanding water dynamics in Dal Lake: a comprehensive analysis of physiological parameters and seasonal variation", Water Science & Technology. https://doi.org/10.2166/wst.2024.258
• Jaiswal Prashant Kumar, Vijayan Vrinda, Kumar Sanjeev, Kumar Rajesh, Singh Ritu, (2025) "Seasonal distribution of microplastics and associated ecological risks in a semi-arid freshwater ecosystem in India", Environmental Pollution. https://doi.org/10.1016/j.envpol.2025.126430

- Kumar, Ramesh, Pippal, Prity S., Raj, Alok, Kumar, Rajesh, (2025) "Toxic Contaminants in Glacial Meltwater and Their Impact on the Environment and Human Health", Water Conservation Science and Engineering. https://doi.org/10.1007/s41101-025-00379-8
- Garg, Vipin, Kumar, Manish, Dashora, Milap, Kumar, Rajesh, Singh, Amit and Kumar, Alok (2024) "Delineating Potential Groundwater Recharge Zones in the Semi-Arid Eastern Plains of Rajasthan, India", CLEAN – Soil, Air, Water. https://doi.org/10.1002/clen.202400013
- Tanuja, Rajesh Kumar (2025) "Climatic shifts in the Beas Basin: A spatio-temporal analysis of time series of temperature and precipitation of TerraClimate dataset", Science of The Total Environment. http://dx.doi.org/10.1016/j.scitotenv.2025.179712
- Kumar, R., Pippal, P. S., Kumar, Rajesh, Singh, A., Singh, S., Kumar, P., & Shrestha, S. (2025) "Forest fire consequences under the influence of changing climate: a systematic review with bibliometric analysis in the context of sustainable development goals", Discover Sustainability, http://dx.doi.org/10.1007/s43621-025-00801-0
- Kumar, R., Pippal, P. S., Yadav, V. K., Namgyal, P., Kumar, Rajesh. (2025) "A systematic review of sources and pathways of microplastics at higher altitudes in glaciated environments", Physics and Chemistry of the Earth, Parts A/B/C. https://doi.org/10.1016/j.pce.2025.104018

Prof. Laxmi Kant Sharma

- Laxmi Kant Sharma , Sonal Sharma , Kariya Ishita Bhaveshkumar (2025) "Mangrove phenological shifts over eco-climatic stressors in the Gulf of Kutch using Sentinel-1&2 time series data" Regional Studies in Marine Science. https://doi.org/10.1016/j.rsma.2025.104133
- Ujjwal Singh, Sadaf Nasreen, Gaurav Tripathi, Pragya Mehrishi, Rajani Kumar Pradhan, Poppová Bestakova,Vivek Vikram Singh, K C Gouda5, Laxmi Kant Sharma, Kiran Jalem, Petr Maca, Rama Rao Nidamanuri, Akhilesh Singh Raghubanshi, Yannis Markonis, Rakovec Oldřich and Martin Hanel, (2025) "Disaggregating IMERG satellite precipitation over Czech Republic: an innovative approach using hybrid Extreme Gradient Boosting based on Fuzzy Spatial-Temporal Multivariate Clustering", Journal of Big Data. https://doi.org/10.1186/s40537-025-01208-4

Dr. Pramod N Kamble

- Jyoti Narsude, Jayesh Jadhav, Vikas Rena, Aarif Khan, Ratna Chauhan, Rushikesh Sonawane, Sanjay Dhole, Vikram Pandit, Akash Jadhav, Manik Awale, Shailesh Kumar Patidar, Bhagawan Dheravath, Pramod Kamble (2025) "Decontamination of Sewage Wastewater by an Aeration Method Utilizing Water Hardness-Reducing Spirulina platensis" Current Microbiology (Springer). https://doi.org/10.1007/s00284-025-04170-9

• Deepak Soni a,c , Avinash Dass b,* , Pramod Kamble d , Ramesh Kumar, (2025) "Decoding of long-term spatio-temporal precipitation dynamics over India: Insights from 115 years of meteorological data", Global and Earth Surface Processes Change. https://doi.org/10.1016/j.gespch.2025.100005

Dr. Garima Kaushik

• Dar, M.A., Palsania, P., Satya, S., Dashora, M., Bhat, O.A., Parveen, S., Patidar, S.K. and Kaushik, G. (2025) "Microplastic pollution: A global perspective in surface waters, microbial degradation, and corresponding mechanism", Marine Pollution Bulletin. https://doi.org/10.1016/j.marpolbul.2024.117344

• Shalni Satya, Milap Dashora, Preksha Palsania, Mohd Ashraf Dar, Garima Kaushik, (2025) "Unraveling the potential of soil microbes for simultaneous nutrient solubilization and pesticide degradation toward sustainable agriculture" Pedosphere. https://doi.org/10.1016/j.pedsph.2025.02.001

• Rivera-Rivera, D.M., Quintanilla-Villanueva G.E., Luna-Moreno D., Sánchez-Álvarez A., Rodríguez-Delgado J.M., Cedillo-González E.I., Kaushik G., Villarreal-Chiu J.F., Rodríguez-Delgado M.M. (2025) "Exploring Innovative Approaches for the Analysis of Micro-and Nanoplastics: Breakthroughs in (Bio) Sensing Techniques", Biosensors. https://doi.org/10.3390/bios15010044

• Dar, M. A., Pandey, J., Kaushik, G. (2025) "Optimizing malathion biodegradation by Bacillus cereus via a design of experiment framework:, Bioremediation Journal. https://doi.org/10.1080/10889868.2024.2448548

Dr. Ritu Singh

• Jaiswal PK, Vijayan V, Kumar S, Kumar R, Singh R (2025) "Seasonal distribution of Microplastics and associated Ecological risks in a Semi-Arid Freshwater ecosystem in India", Environmental Pollution. https://doi.org/10.1016/j.envpol.2025.126430

• Jaiswal PK, Singh R*, Swaroop S, Kumar S (2025) "Microplastic Contamination in Urban Environments: Insights from Street Dust Analysis in Jaipur", Journal of Environment and Biosciences. https://doi.org/10.59467/JEBS.2025.39.77

• Siddiqui AJ, Adnan M, Saxena J, Alam MJ, Abdelgadir A, Badraoui R, Singh R (2025) "Therapeutic Potential of Plant- and Marine-Derived Bioactive Compounds in Prostate Cancer: Mechanistic Insights and Translational Applications", Pharmaceuticals. https://doi.org/10.3390/ph18030286

• Abdelgadir A, Adnan M, Patel M, Saxena J, Alam MJ, Alshahrani MM, Singh R, & Siddiqui AJ (2024) "Probiotic Lactobacillus salivarius mediated synthesis of silver nanoparticles (AgNPs-LS): A sustainable approach and multifaceted biomedical application", Heliyon. https://doi.org/10.1016/j.heliyon.2024.e37987

• Behera M, Singh J, Kumari N, & Singh, R (2024) "Fabrication of novel glutathione-Fe3O4-loaded/activated carbon encapsulated sand bionanocomposites for enhanced removal of diethyl phthalate from aqueous environment in a vertical flow

reactor", Environmental Research. https://doi.org/10.1016/j.envres.2024.119588

Dr. Shailesh Kumar Patidar

- Jyoti Narsude, Jayesh Jadhav, Vikas Rena, Aarif Khan, Ratna Chauhan, Rushikesh Sonawane, Sanjay Dhole, Vikram Pandit, Akash Jadhav, Manik Awale, Shailesh Kumar Patidar, Bhagawan Dheravath, Pramod Kamble (2025) "Decontamination of Sewage Wastewater by an Aeration Method Utilizing Water Hardness-Reducing Spirulina platensis" Current Microbiology (Springer). https://doi.org/10.1007/s00284-025-04170-9
- Patidar, S.K. (2025) "Metabolic interactions between microalgae and bacteria: Multifunctional ecological interplay and environmental applications" Algal Research. https://doi.org/10.1016/j.algal.2025.103904

Dr.D. Bhagawan

- Jyoti Narsude, Jayesh Jadhav, Vikas Rena, Aarif Khan, Ratna Chauhan, Rushikesh Sonawane, Sanjay Dhole, Vikram Pandit, Akash Jadhav, Manik Awale, Shailesh Kumar Patidar, Bhagawan Dheravath, Pramod Kamble (2025) "Decontamination of Sewage Wastewater by an Aeration Method Utilizing Water Hardness-Reducing Spirulina platensis" Current Microbiology (Springer). https://doi.org/10.1007/s00284-025-04170-9

Department of Hindi

Prof. N Lakshmi Aiyar

- Lakshmi Aiyar N. "Tamil Pradesh ke Riti Riwaz" (June-December 2024), Kashf, 32, P. 288-295, ISSN- 2231-3869
- Lakshmi Aiyar N. "NGopi ka Shodh v Alochnatmak Granth Praja Kavi Vemna" (Oct-december) 2024, Samanvay Dakshin, 2, P. 15, ISSN- 2456-9445
- Lakshmi Aiyar N. "Yoddha Ladki Kuyili Ka Gaatha Geet" – prathm Hindi sanskaran Geena Prakashan Hariyaana ISBN 978-81-948636-4-9.
- Lakshmi Aiyar N. "Folk Songs of India with Reference to Tamil Nadu" (English book) published by Sania Publications Delhi Sept2025 ISBN-978-93-93010-73-5.
- Lakshmi Aiyar N. Research article entitled as "Dakshin ki krishna Bhakti kavayitriyan (Telugu evan Tamil Ke sandarbh Mein"pagespublished in Bharatiya Bhakti ke Stri swar ISBN973-93-6287-997-4 published by Vani Prakashan New Delhi in the year Nov2024

- Lakshmi Aiyar N. Research article published entitled as Tamil Nadu mein prakriti jany poudhon se chikitsa ISBN ISBN 978-81-971624-4-2.

Dr. Shital Prasad Mahendra

- Mahendra S. "Sahjobai ki Darshanik Chetna" (2024), Printing Area, 117, 04, P. 71-73, ISSN- 2394 -5303
- Mahendra S. "Dousa Zille ke Pramukh Sant aur Unka Sahitya (2024), Shodh Utkarsh, 02, 08, ISSN- 2993- 4648

Dr. Suresh Singh Rathore

- Rathore S. "Sant Nagridas Ki Kavya Chetna" (2024), Meerayan, 182, p. 22-27, ISSN. 2455-6033
- Rathore S. "Sahityik Kshetra mein Kishangarh ka Yogdan" (2024), Vaichariki, 6, 6351 P.3, ISSN- 0975
- Rathore S. "Holikotsav ki Parampara ewam Nagridas krit Utsavmala mein Holi Chitran" Madhumati 65,3,5569- 202 P. 4-18 ISSN- 2321-202
- Rathore S. "Kishangarh ke Akhadaon ki Khyal Parampara mein Nihit Lok Sanskriti" (2025), Krishna Basanti Shodh Patrika,1, 8, P.31-34, ISSN- 3048- 8648202
- Rathore S. "Krishangarh Rajghrane ka ethihashik evam sahityik paridrashya" (2025), Juni khyat, 14, 2, P. 408-424, ISSN- 2278-4632.

Dr. Mamata Khandal

- Khandal M. "Rarahi Masum Raza ki Rachnaon main Samanvay aur Manviya Samvedna" (2025), Sammelan Patrika,110-2, 7 P.42-49, ISSN- 2278-1773

Dr. Akshansh Bhardwaj

- Bhardwaj A. "ShriRamcharitmanas ka bharatiya Sanskriti ke Utthan mein Yogdan" (2024). Ascent International Journal for Research Analysis, IX, III, P.12.1 – 12.8 ISSN.2455-5967
- Bhardwaj A. "Bharatiya Sanskriti mein Shaswat Jivan Mulya" (2024). Dwibhashi Rastra Sevak, 74, 05, P.6-10, ISSN2321-4945
- Bhardwaj A. "Shri Ramcharitmanas ke 'Gyan Ghat: Shiv- Shiva Sanwad, mein bharatiya Nari ka Adarsh ewam jivan Mulya" (2024), IX, IV P.3.1- 3.2, ISSN- 2455-5967

Department of Lingustics

Dr. Dhanapati Shougrakpam

• Goswami, R. Shougrakpam, D. (2024). Recollection of Myths and Linguistic Construction of the Marwari Identity. In Indian Journal of Language and Linguistics, Volume 5, Issue 3, pp. 49-61. https://:doi.org/ 10.54392/ijll2435

• Goswami, R. Shougrakpam,D. (2025). Kinship Terms in Marwari: A Sociolinguistic Study. In Training, Language and Culture, Volume.9 Issue 2, pp. 44-56. doi: 10.22363/2521-442X-2025-9-2-43-56

• **Gogoi, R. Shougrakpam, D.** (2025). The Pronominal System of Dundhari. In Jadavpur Journal of Languages and Linguistics, pp.199-209 (ISSN: 2581-494 X)

Dr. Mahboob Zahid

• Khan, B., Asad, M. & Zahid, M. (2024). Consonantal Variation of Hindi-Urdu Loanwords in Standard English: A Phonological Analysis. In Language, Technology, and Social Media Volume 2, Issue 2, pp. 145–159 (ISSN: 30267196)

Department of Management

Prof. Uma Sankar Mishra

• Unveiling green advances: sustainable innovations shaping hotels. International Journal of Applied Systemic Studies 2024 1751-0589. https://doi.org/10.1504/IJASS.2024.142610

• A Systematic Review of Digital Transformation and Business Sustainability. European Economic Letters 2025 2323-5233 https://www.eelet.org.uk/index.php/journal/article/view/3131

• Impact of Talent Management Practices on Organization Commitment through Pay Satisfaction as Mediator: A Pathway to Sustainable Business Excellence . Atlantis Press, 2025,2352-5428 https://doi.org/10.2991/978-94-6463-696-3_10

Dr. Sanjay Kumar

• Sahoo, S. and Kumar, S. (2025) Existence of lead-lag relationship among sectoral indices: evidence from the Indian capital market. Afro Asian Journal of Finance & Accounting, 15(3) pp 325-344. https://doi.org/10.1504/AAJFA.2025.145968

• Adhisekar K., Kumar, S., Pavithra A, Nasir M.S., Gupta, P. and Sudhakar P.K.(2025) AI-Powered Fraud Prevention: Strategic Machine Learning in E-Commerce Transactions. Journal of Informatics Education & Research. 5(1). https://doi.org/10.52783/jier.v5i1.1962.

Dr Avantika Singh

• Avantika Singh (2024). Sustainable Marketing Strategies: A Narrative Literature Review. Rabindra Bharati University Journal of Economics. ISSN: 0975-802X ISSN: 0975-802X

• Avantika Singh (2024). Unveiling the Taboos: A Systematic Exploration of Menstrual Hygiene Management Among Adolescent Girls. Madhya Bharti: Humanities and Social Science. 0974-0066 Print only

- Avantika Singh (2025). Sustainable Leadership: A Glance from Bibliometric Analysis. Journal of Management and Entrepreneurship. 2229-534 https://xime.org/jme/jme-home
- Avantika Singh (2025). Driving Inclusive Growth: Analyzing Financial Inclusion Policies and Framework. International Journal of Economic Perspectives. 1307-1637 https://ijeponline.org/index.php/journal

Dr Tulsee Giri Goswami

- Goswami Tulsee Giri and Mansi. (2025). Human Resource Analytics: A Hybrid Review. South Asian Journal of Human Resources Management eISSN: 23495790 https://doi.org/10.1177/23220937251322236
- Goswami Tulsee Giri (2025). HR Analytics: Transforming Human Resource Management. Pacific Business Review (International). ISSN: 0974-438. http://www.pbr.co.in/2025/2025_month/April/4.pdf
- Goswami Tulsee Giri (2024). How HR Analytics Can Help Improve Decision Making, HR Practices and Firm Performance: A Systematic Review. IUP Journal of Organizational Behaviour. ISSN: 0972-687X
- Goswami Tulsee Giri. (2024). Health-Oriented Leadership and Organizational Performance. Journal of the Indian Academy of Applied Psychology. ISSN 0019 4247

Dr. Ramulu Bhukya

- Heena Alwani & Ramulu Bhukya (2025). Affordable Luxury and Positive Psychology: Review of Masstige Consumption through the Lens of the PERMA Model. International Journal of Advance Research in Computer Science and Management Studies. Volume 13, Issue 3, March 2025. http://ijarcsms.com/V13I3-0004.htm

Department of Mathematics

Dr. Anand Kumar

- Anurag, Anand Kumar, AK Singh, Atul Jakhar (2024) "Influence of chemical reaction on transient natural convective flow in an infinite vertical cylinder packed with porous material", Numerical Heat Transfer, Part A: Applications, https://doi.org/10.1080/10407782.2024.2388244.
- Vijay Kumar Sukariya, Atul Jakhar, Anand Kumar (2024) "Effect of Hall current generated by a radial magnetic field on transient natural convection between vertical annuli", The European Physical Journal Plus, https://doi.org/10.1140/epjp/s13360-024-05786-9.
- Atul Jakhar, Vijay Kumar Sukariya, Suresh Kumar, Anand Kumar, Anurag (2025) "Study of MHD Williamson fluid flow over a stretched cylinder with Hall, thermal dynamics, and chemical reactions effects", Journal of Thermal Analysis and Calorimetry, https://doi.org/10.1007/s10973-024-13851-9.

- Vijay Kumar Sukariya, Atul Jakhar, Poonam sharma, Anand Kumar, Anurag (2025) "Numerical exploration of heat source/sink and mixed convection effects on thermally stratified hybrid nanofluid flow over a vertical stretching cylinder subjected to a radial magnetic field", ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik, https://doi.org/10.1002/zamm.202400963.
- Atul Jakhar, Anurag, Anand Kumar (2025) "Weakly nonlinear instability analysis in triple-diffusive convection under gravity modulation in the presence of an internal heat generator", Heat Transfer, https://doi.org/10.1002/htj.23170.
- Sukariya Vijay Kumar, Anurag, Kumar Anand (2025) "Significance of radial magnetic field and Hall current on magnetic nanoparticle-assisted drug delivery and therapeutics in cylindrical vessels with bioconvection effects", Journal of Applied Physics, https://doi.org/10.1063/5.0252999.
- Atul Jakhar, Anand Kumar, Vijay Kumar Sukariya, Anurag (2025) "Study of Heat and Mass Transfer of Transient Free Convection Through Vertical Annuli in Presence of Heat Source, Chemical Reaction, and Newtonian Heating", Heat Transfer, https://doi.org/10.1002/htj.23283.
- Pervinder Singh, Vinod K Gupta, Anand Kumar, IL Animasaun, Taseer Muhammad, Naresh M Chadha(2025)"Significance of modulated gravity on triple-diffusive convection of liquids through permeable media: Ginzburg–Landau analysis of heat and mass transfer", ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik, https://doi.org/10.1002/zamm.202400535.
- Anurag, Vijay Kumar Sukariya, Jyotsana Lata, Anand Kumar, Atul Jakhar(2025)"Effect of hall current and radial magnetic field on MoS 2-SiO 2/H 2 O hybrid nanofluid flow over a vertical stretching cylinder", Journal of the Brazilian Society of Mechanical Sciences and Engineering, https://doi.org/10.1007/s40430-025-05504-1.
- Richa Rajora, Anand Kumar (2025) "Analysis of Hall current and nonuniform heating effects on magneto-convection between vertically aligned plates under the influence of electric and magnetic fields",Nonlinear Engineering, https://doi.org/10.1515/nleng-2024-0083.
- Anurag, Anupama Singh, Anand Kumar, Atul Jakhar (2025) "Investigating the nonlinear behavior of microorganisms in buoyant fluids", Multiscale and Multidisciplinary Modeling, Experiments and Design, https://doi.org/10.1007/s41939-025-00825-z.
- Vijay Kumar Sukariya, Anurag, Anand Kumar (2025) "Numerical study of Hall currents induced by radial magnetic fields on free convective flow through asymmetrically heated/cooled vertical annuli", European Journal of Mechanics-B/Fluids, https://doi.org/10.1016/j.euromechflu.2025.204279.

Dr. Ram Kishor

- Pulkit Gahlot and Ram Kishor(2025), "Performing Floquet stability test for AEPs and exploring pulsating ZVCs in the perturbed planar elliptic solar sail problem", The European Physical Journal Plus, https://doi.org/10.1140/epjp/s13360-025-06147-w.
- Raj Mal Jat and Ram Kishor (2025) "Impact of dark matter halo and albedo effect on the out-of-plane motion in the generalized photo gravitational RTBP", Physics of the Dark Universe, https://www.sciencedirect.com/journal/physics-of-the-dark-universe.
- Krishna pada Das, Abhishek Sarkar, Seema Sarkar , Partha Karmakar, Rakesh Kumar, Vikash Gupta, Gauri Shankar Paliwal; Ilyas Khan; Subrata Jana, Ram Kishore Prajapati (2024) "Mathematical Study of planktonic bloom in a nutrient phytoplankton model with toxin producing spaces and viral infection", Nonlinear Studies, https://www.nonlinearstudies.com/index.php/nonlinear/issue/view/220.
- Krishna pada Das, Abhishek Sarkar, Seema Sarkar , Vikash Gupta, Gauri Shankar Paliwal, Ilyas Khan, Subrata Jana, Ram Kishore(2024)"Toxin producing phytoplankton and viral infection are the biological factors for occurrence and controlled of planktonic bloom",Nonlinear Studies, https://www.nonlinearstudies.com/index.php/nonlinear/issue/view/220

Dr. Jai Prakash Tripathi

- TANWAR, K., Kumawat N., Tripathi J.P., Chauhan S., Mubayi A.(2024)"Evaluating Vaccination Timing, Hesitancy, and Effectiveness to Prevent Future Outbreaks: Insights from COVID-19 Modeling and Transmission Dynamics", Royal Society Open Sciences, https://royalsocietypublishing.org/doi/full/10.1098/rsos.240833.
- Tripathi, J. P., Bajiya, V. P., & Mubayi, A.(2024)"Adaptive contacts rates via indirect human behaviors induces complex dynamics of schistosomiasis.", Nonlinear Dynamics, https://link.springer.com/article/10.1007/s11071-024-10508-y.
- Tripathi D., Tripathi., J.P., Tiwari S.K., Jana D., Hou L-F., Shi Y., Sun G.Q., Tiwari V., Asamaah (2024)"Modified Holling Tanner diffusive and non-diffusive predator–prey models: The impact of prey refuge and fear effect",Results in Physics, https://doi.org/10.1016/j.rinp.2024.107995.
- Basak P., Tiwari S.K., Tripathi., J.P., Tiwari V., Mishra R.K. (2024) "Plankton interaction model: effect of prey refuge and harvesting", Computational and Mathematical Biophysics, https://doi.org/10.1515/cmb-2024-0011.

Dr. Vijay Kumar Yadav

- Mausam Kumari, Vijay K. Yadav, Shainky Ruhela & S. P. Tiwari (2024) "On categories associated with crisp deterministic automata with fuzzy rough outputs and fuzzy rough languages", Soft Computing, https://doi.org/10.1007/s00500-024-09818-5.

- S. Ruhela, A Syropoulos, VK Yadav, BK Sharma, SP Tiwari (2024) "ON CHARACTERIZATION OF ALGEBRAIC STRUCTURE OF FUZZY MULTISET FINITE AUTOMATA", New Mathematics and Natural Computation, https://doi.org/10.1142/S179300572650029.
- S. Ruhela, S Verma, VK Yadav, SP Tiwari (2024)"Topological Approaches in Characterization of Algebraic Structure of Fuzzy Multiset Finite Automata", New Mathematics and Natural Computation, https://doi.org/10.1142/S1793005726500043.
- S. Verma, M. Kumari, S. Ruhela, VK Yadav (2024) "Weighted hesitant fuzzy finite rough automaton: A computing model for natural language processing", New Mathematics and Natural Computation, https://doi.org/10.1142/S1793005725500528.

Dr. Vipul Kakkar

- Lal R., Ramjash, Vipul Kakkar (2025) "Gyrotransversals of order p2",Quasigroups and Related Systems, https://doi.org/10.56415/qrs.v33.05.

- Lal R, Ramjash, Vipul Kakkar(2025)"Zappa Szep Product of Right addmisble groups_First Page",Algebra and Its Applications, https://doi.org/10.1007/978-981-97-6798-4_3.

Dr. Kamlesh Jangid

- Vikram Singh,Kamlesh Jangid, Tinh Quoc Bui (2025) "A study of strain and electric field gradient effects on two collinear cracks in an arbitrary polarized piezoelectric layer", European Journal of Mechanics / A Solids, https://doi.org/10.1016/j.euromechsol.2025.105723.
- Kamlesh Jangid, R.K. Sharma, Y. Eugene Pak,(2025)"A strain gradient elasticity analysis of exponentially graded FGM containing multiple cracks under anti-plane shear load",ZAMM-Journal of Applied Mathematics & Mechanics,https://doi.org/10.1002/zamm.70094 .

- Vikram Singh,Kamlesh Jangid, Tinh Quoc Bui, R.K. Sharma (2025) "The effects of strain and electric field gradients on an arbitrarily oriented semi-permeable crack in a polarized piezoelectric layer", Mathematics and Mechanics of Solids, https://doi.org/10.1177/10812865251328897.
- Kamlesh Jangid, R.K. Sharma, Y. Eugene PakStudy of an arbitrarily oriented mode-III crack using gradient elasticity theory in a bidirectional functionally graded material, Archive of Applied Mechanics, https://doi.org/10.1007/s00419-025-02792-w.
- R.K. Sharma, Kamlesh Jangid, Y. Eugene Pak (2024) "The influence of bi-directional material gra dation on a mode-III crack in functionally graded material via strain gradient elasticity theory", European Journal of Mechanics / A Solids, https://doi.org/10.1016/j.euromechsol.2024.105496.

- R.K. Sharma, Kamlesh Jangid, Y. Eugene Pak (2024) "The influence of material gradation parallel to two unequal mode-III cracks in functionally graded materials via strain gradient elasticity theory", Applied Mathematical Modelling, https://doi.org/10.1016/j.apm.2024.115647.
- Vikram Singh,Kamlesh Jangid (2024) "Numerical solution for the interior electric displacement of the moving DBY-PS model for semi-permeable cracked piezoelectric material", ZAMM-Journal of Applied Mathematics & Mechanics, https://doi.org/10.1002/zamm.202400361.

Department of Microbiology

Prof. Pradeep Verma

Patents:

- Goswami, R. K. and Verma, P. Mass-scale Sequential Microalgal Co-Cultivation System for Enhancement of Biomass and Biomolecules Production algins with Circular Bioeconomy, Indian Patent Application No.202411080790 A, Publication Date: 13/12/2024.
- Agrawal, K., and Verma, P., Delignification of Agricultural Residues Using White Laccase from *Myrothecium Verrucaria* ITCC-8447, Indian Patent Application No.2024110524618 A, Publication Date: 13/09/2024.

Peer Review Journal:

- Kaur, M., Kaur, J., Sood, A., Katnoria, J. K., Nagpal, A. K., Bhatia, A., Verma, P., Kumar, V., Singh, I. and Bhatti, S. S. (2025) "Potentially toxic metal contamination in semi-arid agricultural soils: sources, risk analysis, and spatial distribution," Environmental Monitoring and Assessment, 197(7), 783. doi: 10.1007/s10661-025-14237-6.

- Udaypal, Goswami, R. K. and Verma, P. (2025) "Production of α-tocopherol biomolecules using various cultivation strategies of diverse microalgal species: Purification, characterization and assessment of antioxidant properties," Biocatalysis and Agricultural Biotechnology, 103635. https://doi.org/10.1016/j.bcab.2025.103635.

- Nair, L. G. and Verma, P. (2025) „Sequential microwave and conventional isothermal dilute acid-organosolv pretreatment of rice straw fractionation for high sugar yield and platform chemicals: A concept for sustainable development," Biomass and Bioenergy, 200, 108058. https://doi.org/10.1016/j.biombioe.2025.108058.

- Kumar, V. and Verma, P. (2025) "Unveiling the hidden threat of microplastic in paper cups and tea bags: a critical review of their exacerbation and alarming

concern in India," Discover Applied Sciences, 7(6), 1-32. https://doi.org/10.1007/s42452-025-07121-y.

• Majeed, L. R., Majeed, L. F., Sharma, D., Verma, P. and Kumar, V. (2025) "Microplastics in Indian freshwater systems: multidisciplinary analysis of sources, consequences, and mitigation strategies," Physics and Chemistry of the Earth, Parts A/B/C, 103942. doi: 10.1016/j.pce.2025.103942.

• Singh, D., Chaturvedi, V. and Verma, P. (2025) "The amazing world of biological pigments: a review on microbial melanins," Dyes and Pigments, 112711. doi: https://doi.org/10.1016/j.dyepig.2025.112711.
• Udaypal, Goswami, R. K. and Verma, P. (2025) "Transforming dairy effluent into valuable resources: harnessing microalgae for sustainable production of nutraceuticals and pharmaceuticals," Process Biochemistry. doi: https://doi.org/10.1016/j.procbio.2025.01.026.

• Kumar, V., Verma, P., de Freitas, F. A., Srivastava, P. K., Vashishth, A. and Américo-Pinheiro, J. H. P. (2025) "A critical review on biofuels generation from pulp-paper mill sludge with emphasis on pretreatment methods: renewable energy for environmental sustainability," BMC Environmental Science, 2(1), 2. doi: https://doi.org/10.1186/s44329-024-00016-0.

• Nair, L. G. and Verma, P. (2025) "Pretreatment of rice straw using a microwave-assisted tetrahydrofuran-water system for enhanced sugar yield and generation of platform chemicals," Bioresource Technology Reports, 102026. doi: https://doi.org/10.1016/j.biteb.2025.102026.

• Kumar, B. and Verma, P. (2025) "Integration of microwave assisted pretreatment for ameliorating anaerobic digestion for clean energy," The Microbe, 100235.
• doi: https://doi.org/10.1016/j.microb.2025.100235.

• Mudaliar, S., Kumar, V. and Verma, P. (2025) Bioprospecting of microbial L-asparaginase: Sustainable production from waste and its application for acrylamide reduction in food industry, " Process Safety and Environmental Protection. (I.F 6.9). doi: 10.1016/j.psep.2024.12.118.

• Goswami, R. K., Mehariya, S. and Verma, P. (2024) "Synergistic microalgal co-cultivation for treatment of municipal wastewater using a two-stage cultivation system and biomass valorization," Algal Research, 84, 103800. doi: https://doi.org/10.1016/j.algal.2024.103800.

• Sharma, S., Verma, P. and Agrawal, K. (2024) "Harnessing the potential of fungal xylanases: An insight into its application and technological advancements," Industrial Crops and Products, 222, 119967. doi: https://doi.org/10.1016/j.indcrop.2024.119967.

• Nair, L. G. and Verma, P. (2024) "Lignocellulosic biomass conversion into platform chemicals and biofuels using tetrahydrofuran-assisted pretreatment: A future for sustainable and bio-circular economy," Biomass and Bioenergy, 191, 107454. doi: https://doi.org/10.1016/j.biombioe.2024.107454.

• Goswami, R. K., Mehariya, S. and Verma, P. (2024) "Municipal wastewater treatment using an innovative two-stage sequential microalgal co-cultivation system with different hydraulic retention time: a sustainable approach to circular economy," Process Biochemistry, 147, 448-464. doi: https://doi.org/10.1016/j.procbio.2024.10.011.

• Udaypal, Goswami, R. K., Mehariya, S. and Verma, P. (2024) "Microalgae-derived tocopherols: Biotechnological advances in production and its therapeutic potentials," Sustainable Chemistry and Pharmacy, 42, 101791. doi: https://doi.org/10.1016/j.scp.2024.101791.

• Agrawal, K., Sharma, S., Kumar, B. and Verma, P. (2024) "Hydrogen an environmental revolution toward clean energy transition: a green concept for current and future perspectives," Clean Technologies and Environmental Policy, 0, 1-42. doi: https://doi.org/10.1007/s10098-024-03015-6.

• Udaypal, Goswami, R.K. and Verma, P*., (2024) "Strategies for improvement of bioactive compounds production using microalgal consortia: An emerging concept for current and future perspective," Algal Research, 103664, doi: https://doi.org/10.1016/j.algal.2024.103664.

• Goswami, R. K., Mehariya, S. and Verma, P. (2024) "Sequential two-stage cultivation system using novel microalga consortia for treatment of municipal wastewater and simultaneous biomass production: Sustainable environmental management," Journal of Environmental Management, 366, 121711. doi: https://doi.org/10.1016/j.jenvman.2024.121711.

• Kumar, V. and Verma, P. (2024) "Microbial valorization of kraft black liquor for production of platform chemicals, biofuels, and value-added products: A critical review," Journal of Environmental Management, 366, 121631. doi: https://doi.org/10.1016/j.jenvman.2024.121631.

• Goswami, R. K., Agrawal, K., Alferov, S. V. and Verma, P.* (2024) "Bio fabrication of microalgae mediated nanoparticles: an insight into its mechanism, characterization and applications," Biocatalysis and Agricultural Biotechnology, 60, 103330. doi: https://doi.org/10.1016/j.bcab.2024.103330.

• Kumar, V., Malyan, S.K., Apollon, W. and Verma, P. (2024) "Valorization of Pulp and Paper Industry Waste Streams into Bioenergy and Value-added Products: An Integrated Biorefinery Approach," Renewable Energy, 120566 doi: https://doi.org/10.1016/j.renene.2024.120566.

Prof. Inshad Ali Khan

• Khan, A., Naaz, F., Ahmad, N., Prusty, J. S., Kumar, A., Kalia, N. P., Khan, I. A., Rajput, V. S. and Shafi, S. (2025) "Cinnamic Acid Based Capsaicinoids as Potent NorA Efflux Pump Inhibitors Against Ciprofloxacin Resistant *S. aureus*," Chemistry Select. doi: 10: e00069. doi.org/10.1002/slct.202500069.

• Jeena, N., Panikar, L. and Khan, I. A. (2025) "Innovations in Antimalarial Drug Discovery: new targets and leads," Current Drug Targets, 26(9): 632-652. doi: 10.2174/0113894501380738250414111540

• Veeramuthu, D., Savarimuthu, I., Khan, I. A., Alodaini, H. A., Hatamleh, A. A. and Antony, S. (2024) "Antimycobacterial activity of plant compounds against extensively drug resistant (XD-TB) *Mycobacterium tuberculosis,"* Journal of King Saud University-Science 36(9): 10335. doi: https://doi.org/10.1016/j.jksus.2024.103351

Dr Akhil Agrawal

Patent:

• Sandeep, R., Jain, S., Lavania, M., Sangwai, J., Lal, B. and Agrawal, A. Composition for enhanced oil recovery injection fluid and process thereof, Patent No: 202011045415, 2024.

Peer Review Journal:

• Mahajan, S., Tyagi, A., Boral, P., Mehala, R., Rellegadla, S., Prajapat, G., Roy, P., Gogoi, S. and Agrawal, A. (2025) "Impact of multifunctional biopolymer-silica nanocomposites on viscosity, wettability and reservoir microbiome for enhanced oil recovery", Chemical Engineering Science, doi: https://doi.org/10.1016/j.ces.2025.122427

• Tyagi, A., Mahajan, S., Prajapat, G., Shivnani, B., Sawant, D. M. and Agrawal, A. (2025) "A comprehensive review of polymers and their derivatives for enhanced oil recovery", Journal of Environmental Chemical Engineering, doi:https://doi.org/10.1016/j.jece.2025.117601

• Kumar, G., Mahajan, S., Agrawal, A., Deshmukh, M. P. and Sangwai, J. S. (2025) "Enhanced oil recovery using viscosity-augmented guar gum: a comparative study with xanthan gum and partially hydrolyzed polyacrylamide", Energy & Fuels, doi:https://doi.org/10.1021/acs.energyfuels.4c05116

• Choudhary, P., Meena, P., Saini, K. K., Prajapat, G., Bunker, S. K., Agrawal, A., Kumar, K. and Verma, R. (2024) "Mechanistic insight into the antistress potential of eugenol: Modulation of the monoaminergic system in chronic unpredictable stress zebrafish model", Chemical Biology Letters, doi:https://doi.org/10.62110/sciencein.cbl.2025.v12.1257

Dr Nidhi Pareek

• Kumar, M., Brar, A., Kumari, R., Vivekanand, V. and Pareek, N. (2025) "Advancements in photobioreactor designs for development of microalgal biorefinery toward integrated remediation of industrial wastewater and product recovery," 3 Biotech, 15, 274.

• Kovalev, A. A., Kovalev, D. A., Panchenko, V. A., Vivekanand, V., Pareek, N., Masakapalli, S. K., Zhuravleva, E. A., Laikova, A. A., Shekhurdina, S. V., Ivanenko, A. A. and Litti, Y. V. (2025) "The effect of different feeding intervals of substrate pretreated in a vortex layer apparatus on dark fermentative biohydrogen production," International Journal of Hydrogen Energy, 146, 149975.

• Sahil, S., Singh, R., Masakapalli, S. K., Pareek, N., Kovalev, A. A., Litti, Y. V., Nanda, S. and Vivekanand, V. (2024) "Biomass pretreatment, bioprocessing and reactor design for biohydrogen production: a review," Environmental Chemistry Letters, 22, 1665-1702.

• Talwar, P., Upadhyay, A., Verma, N., Singh, R., Lindenberger, C., Pareek, N., Kovalev, A. A., Zhuravleva, E. A., Litti, Y. V., Masakapalli, S. K. and Vivekanand, V. (2024) "Utilization of agricultural residues for energy and resource recovery towards a sustainable environment," Environmental Science and Pollution Research, 31, 57354-57368.

• Shubhika, S., Patel P., Singh, R., Tripathi, A., Prajapati, S., Rajput, M. S., Verma, G., Rajput, R. S., Pareek, N., Saratale, G. D., Chawade, A., Choure, K. and Vivekanand, V. (2024) "Application of artificial intelligence techniques to addressing and mitigating biotic stress in paddy crop: A review," Plant Stress, 14, 100592.

Dr Deeksha Tripathi

• Bahl, A., Negi, K., Anupam, A., Choudhary, S., Kant, S., Pandey, S. and Tripathi, D. (2025) "Resilience to stress and antibiotics, coupled with immunomodulatory

behavior, uncovers *Mycobacterium indicus pranii* as a suitable surrogate model for tuberculosis research," Biochemical and Biophysical Research Communications, Volume 777, 2025,152296. doi: 10.1016/j.bbrc.2025.152296.

- Raunak, R., Rakshit, R., Bahl, A., Sinha, S., Pandey, S., Kant, S. and Tripathi, D. (2025) "Functional characterization of MIP_07528 of *Mycobacterium indicus pranii* for tyrosine phosphatase activity displays sensitivity to oxidative inactivation and plays a role in immunomodulation," Biology, 14(5), 565. doi: doi.org/10.3390/biology14050565
- Rakshit, R., Bahl, A., Arunima, A., Pandey, S. and Tripathi, D. (2025) "Beyond protein folding: The pleiotropic functions of PPIases in cellular processes and microbial virulence," Biochimica et Biophysica Acta (BBA) - General Subjects, 1869(2), 130754. doi: doi.org/10.1016/j.bbagen.2024.130754
- Bahl, A., Pandey, S., Rakshit, R., Kant, S. and Tripathi, D. (2024) "Infection-induced trained immunity: a twist in paradigm of innate host defense and generation of immunological memory," Infection and Immunity, 0:e00472-24. doi: doi.org/10.1128/iai.00472-24
- Tripathi, D. and Garg, R. (2024) "Editorial: Host-pathogen crosstalk: implications in host cellular processes by intracellular pathogens," Frontiers in Microbiology, doi: 10.3389/fmicb.2024.1508345.
- Bahl, A., Rakshit, R., Pandey, S. and Tripathi, D. (2024) "Genome wide screening to discover novel toxin–antitoxin modules in *Mycobacterium indicus pranii;* perspective on gene acquisition during mycobacterial evolution," Biotechnology and Applied Biochemistry. doi: doi.org/10.1002/bab.2651.

Dr. Sagar S. Barale

- Kamble, S. A., Barale, S. S., Ali, A. M., Paymal, S. B., Naik, N. M. and Sonawane, K. D. (2024) "Structural insights into the potential binding sites of Cathepsin D using molecular modelling techniques," Amino Acids. 56(1):33.
- Patil, V., Barale, S. S., Patil, P., Deore, S., Kakde, K. and Jadhav, R. (2024) "Spectroscopic investigations of conformational change in bovine serum albumin (BSA) with rising concentration of a mood stabilizing drug: lamotrigine," African Journal of Biological Sciences, 6(15).
- Paymal, S. B., Barale, S. S., Supanekar, S. V., Sonawane, K. D. and Pawar, K. D. (2025) "Overexpression, purification, and biochemical characterization of the vanC2 D-Ala-D-Ser ligase from *Enterococcus casseliflavus* SSK and its inhibition by an oxadiazole derivative," ACS Omega. 3, 10(14):14390-14402.

Department of Pharmacy

Prof. Vipin Kumar

- Gautam SK, Paul RK, Jain S, Kumar V, Raza K. GC–MS profiling and computational analysis of Balanites aegyptiaca phytoconstituents for antidiabetic activity: insights

from network pharmacology and molecular docking. Naunyn-Schmiedeberg's Archives of Pharmacology. 2025;6:1-29.

- Ramchandani M, Paul RK, Nath V, Kumar V. Correction: Cassia siamea Role in Diabetes Management: Insights from In vitro and In silico Investigations on α-Glucosidase and α-Amylase Inhibition. Chemistry Africa. 2024;7(9):5117
- Nath V, Bhatnagar A, Kumar H, Chandravanshi AK, Sharma A, Mandal CC, Kumar V. Phytochemical identification and assessment of Amberboa ramosa Mediated Inhibition of Microtubule and EGFR Associated Growth and Metastasis of Breast Cancer Cells: In vitro and in silico perspective. Journal of Computational Biophysics and Chemistry. 2024;23(07):851-67.
- Bhatnagar A, Nath V, Kumar V. Identification of parp-1 inhibitors against breast cancer using in silico repurposing of FDA-approved drugs: docking based approach, MM/GBSA and ADME analysis. Bulletin of Pharmaceutical Research.2024; 14(3):189

Dr. Umesh Gupta

- Sarita Rani, Vinay Kumar, Sofiya Tarannum, Umesh Gupta. HPMA Nanomedicine: Targeting Cancer with Precision. Journal of Materials Chemistry B. 2025.
- Mohammed Adnan Raza, Anjila Firdous, Umesh Gupta, Umesh Patil, Ambika Singh, Ajazuddin. Emerging Trends in Designing the Dendrimer-Based Drug Delivery for Antineoplastic Therapies. ACS Applied Bio Materials. 2025.
- Sanya Batheja, Rakesh K. Sahoo, Sarita Rani, Shruti Gupta, Kiran K.Tejavath, Sonal Sinha, Ajazuddin, Awesh K. Yadav, Amit K. Goyal, Umesh Gupta. Central Composite Design Based Optimization of Carbohydrate Coated Albumin Nanaoparticles for HCC: Synthesis, Extensive Characterization and in vivo Pharmacokinetic Evaluation. Biopolymers. 2025; (116)
- Sarita Rani, Shruti Gupta, Kiran Kumar Tejavath, Umesh Gupta. Effect of Combination of Polyphenols, Polysaccharide, and Sodium Selenite on Bortezomib Anti-Cancer Action. International Journal of Biological Macromolecules. 2024.
- Klaudi K. Vaiphei, Prabhakaran A, Snigdha Singh, Satyajit Laxman Murkute, Purusottam Mohapatra, Rakesh Kumar Sahoo, Sanya Batheja, Umesh Gupta, Anu Puri, Upal Roy, Amit Alexander. Impact of PEGylated liposomes on cytotoxicity of tamoxifen and piperine on MCF-7 human breast carcinoma cells. Journal of Drug Delivery Science and Technology. 2024
- Mohammad Adnan Raza, Mukesh Kumar Sharma, Kushagra Nagori, Parag Jain, Vijayalakshmi Ghosh, Umesh Gupta, and Ajazuddin. Recent Trends on Polycaprolactone as Sustainable Polymer-based Drug Delivery System in the Treatment of Cancer: Biomedical Applications and Nanomedicine. International Journal of Pharmaceutics. 2024; (666): 124734

Prof. Amit K Goyal

- Vishwakarma M, Haider T, Kumari P, Goyal AK, Soni V. Cellulose based nanofiber-assisted stabilization of cationic ethosomes for skin penetration of bleomycin

sulphate in the treatment of skin cancer. International Journal of Biological Macromolecules. 2025 Jun 1;311:143933.

• Kumari P, Shukla MK, Tripathi A, Pandey J, Goyal AK. Development of Ofloxacin-Loaded CS/PVA Hydrogel for the Treatment of Metritis in Bovine. Drugs and Drug Candidates. 2025 Apr 16;4(2):17.

• Biswasroy P, Pradhan D, Pradhan DK, Goyal A, Ghosh G, Rath G. In Silico based-molecular Screening and Evaluation of In-vivo Antiinflammatory activity of selected medicinal herbs for Psoriasis management. Research Journal of Pharmacy and Technology. 2025 Apr 1;18(4):1743-9.

• Mishra A, Halder J, Saha I, Rai VK, Mahanty R, Pradhan D, Dash P, Das C, Rajwar TK, Satpathy B, Manoharadas S. Biogenic Amino Acid Cross-Linked Hyaluronic Acid Nanoparticles Containing Dexamethasone for the Treatment of Dry Eye Syndrome. AAPS PharmSciTech. 2025 Mar 27;26(4):97.

• Ramchandani M, Goyal AK. Computational insights of deucravacitinib's selectivity for TYK2 pseudokinase vs. JAK kinase domain via molecular modeling studies. Journal of Biomolecular Structure and Dynamics. 2025 Mar 26:1-5.

• Khairnar A, Goyal AK. Iron Harvesters: Exploring Microbial Siderophores and Their Diverse Applications in Biomedicine. Biomedical Materials & Devices. 2025 Mar;3(1):277-87.

• Pandey A, Rath G, Chawala R, Goyal AK. A comprehensive review on liraglutide and novel nanocarrier-based systems for the effective delivery of liraglutide. Naunyn-Schmiedeberg's Archives of Pharmacology. 2025 Feb 27:1-8.

• Ramchandani M, Goyal AK. Integrating omics data for personalized medicine in treating psoriasis. Medicinal Chemistry Research. 2025 Feb;34(2):340-56.

• Godara P, Reddy KS, Sahu W, Naik B, Srivastava V, Das R, Mahor A, Kumar P, Giri R, Anirudh J, Tak H. Structure-based virtual screening against multiple Plasmodium falciparum kinases reveals antimalarial compounds. Molecular Diversity. 2024 Dec;28(6):3661-81.

• Kumari P, Goyal AK. Challenges and opportunities in intravesical drug delivery approaches for the treatment of lower urinary diseases. Journal of Drug Delivery Science and Technology. 2024 Oct 1;100:106110.

• Kumar V, Singh H, Tarannum S, Batheja S, Gupta U, Goyal AK. Nanostructure-Based Pulmonary Drug Delivery Systems for Respiratory Infections. InNanomedicine, Nanotheranostics and Nanobiotechnology 2024 Sep 30 (pp. 66-87). CRC Press.

• Pradhan D, Biswasroy P, Ramchandani M, Pradhan DK, Bhola RK, Goyal A, Ghosh G, Rath G. Development, characterization, and evaluation of withaferin-A and artesunate-loaded pH-responsive acetal-dextran polymeric nanoparticles for the management of malaria. International Journal of Biological Macromolecules. 2024 Jul 1;273:133220

Dr.D.Madhuri

• Upadhyay R, Ghosh P, Desavathu M. Advancement in the nose-to-brain drug delivery of FDA-approved drugs for the better management of depression and psychiatric disorders.Int J Pharm. 2024 Oct 30:124866. doi: 10.1016/j.ijpharm.2024.124866.
• Desavathu M, Singh P, Pal A, Joshi N, Upadhyay R. Insight on the Rise and Raise of Drug Delivery with Special Emphasis on Five Classes of Therapeutics. Crit Rev Ther Drug Carrier Syst. 2025;42(4):59-92.
• Chimpiri Srujani, Deva Rani, Mastanamma Shaik, Madhuri Desavathu, and Ankit Gupta.Response Surface Methodology as a Tool for Stability-Indicating Method Development and Validation for the Determination of Selective EZH2 Inhibitor.Indian Journal of Pharmaceutical Education and Research 59, no. 2s (2025): s705-s715.
• Raghuveer, P., Shanthi, D., Sriharsha, K., Madhuri, D.,Kanakaraju, V.K. and Srikar, G., 2024. Aqueous Dispersion Polymerization for the Development of Lamivudine-Polyacrylonitrile Nanoparticles through Quality by Design Approach. Chemical and Pharmaceutical Bulletin, 72(11), pp.950-960.
• Srujani C H, Nataraj K S, Krishnamanjari Pawar A,Madhuri D, Adinarayana. QbD Driven Approach for Method Development and Validation for The Determination of Gilteritinib By RP-HPLC. International Journal of Pharmaceutical Quality Assurance. 2024;15(4): 2129-38. doi: 10.25258/ijpqa.15.4.5

Dr Kaisar Raza

• Garg P, Ali A, Singh S, Thakur K, Raza K, Bhardwaj BY, Kulshrestha S, Negi P. Exploring the potential of Moringa oleifera seed extract-loaded microemulsion hydrogel in the DNCB-induced atopic dermatitis model. Inflammopharmacology. 2025 May 10:1-8.
• Gautam SK, Paul RK, Jain S, Kumar V, Raza K. GC–MS profiling and computational analysis of Balanites aegyptiaca phytoconstituents for antidiabetic activity: insights from network pharmacology and molecular docking. Naunyn-Schmiedeberg's Archives of Pharmacology. 2025 May 6:1-29.
• Sharma G, Thakur A, Singh J, Kaur G, Singh B, Raza K, Katare OP. Investigating in-depth potential of lipid-engineered emulsomes of aceclofenac for the management of arthritis: A comprehensive preclinical study. Inorganic Chemistry Communications. 2025 Feb 1;172:113737.
• Paul RK, Ahmad I, Patel H, Raza K. Antidiabetic activity of the extracted oil from an Indian indigenous plant, Amberboa ramosa: evidences from in silico, in vitro and enzyme inhibition kinetic studies. Chemical Papers. 2025 Jan;79(1):171-80.
• Sharma G, Thakur A, Singh V, Thakur K, Nirbhavane P, Raza K, Katare OP. Strategic development of aceclofenac loaded organosomes for topical application: An explorative ex-vivo and in-vivo investigation for arthritis. International Journal of Pharmaceutics. 2024 Dec 5;666:124762.

• Chaurawal N, Quadir SS, Joshi G, Barkat MA, Alanezi AA, Raza K. Development of fucoidan/polyethyleneimine based sorafenib-loaded self-assembled nanoparticles with machine learning and DoE-ANN implementation: Optimization, characterization, and in-vitro assessment for the anticancer drug delivery. International Journal of Biological Macromolecules. 2024 Nov 1;279:135123.

• Misra C, Kaur J, Kumar M, Kaushik L, Chitkara D, Preet S, Wahajuddin M, Raza K. Docetaxel-tethered di-Carboxylic Acid Derivatised Fullerenes: A Promising Drug Delivery Approach for Breast Cancer. AAPS PharmSciTech. 2024 Oct 2;25(7):233.

• Paul RK, Raza K. Natural hypoglycaemic bioactives: Newer avenues and newer possibilities. Phytotherapy Research. 2024 Sep;38(9):4428-52.

Department of Physics

Manish Dev Shrimali

• U. K. Verma, S. Dutta, R. Ghosh, **M. D. Shrimali** & S. Jalan (2024). Tipping in Stuart-Landau oscillators induced by higher-order repulsive interactions. Phys. Rev. E, 044211 [ISSN: 2470-0053]

• S. Aggarwal, R. Ghosh, S. Dixit, A. Prasad & **M. D. Shrimali** (2024). Taming explosive growth through linear augmentation. Europhysics Letters 23002 [ISSN:1286-4854]

• M. Yadav, S. Chauhan, **M. D. Shrimali** & M. Stender (2025). Predicting multi-parametric dynamics of an externally forced oscillator using reservoir computing and minimal data. Nonlinear Dynamics, 5977-5990 [ISSN: 1573-269X]

• R. Ghosh, M. S. Anwar, D. Ghosh, J. Kurths & **M. D. Shrimali** (2025). Transitions to synchronization in adaptive multilayer networks with higher-order interactions. Physical Review E, 064219 [ISSN: 2470-0053]

• V. Yadav, M. Priya, M. D. Shrimali & P. K. Jaiswal (2025). Graph neural network for prediction of phase-ordering kinetics. Chaos: An Interdisciplinary Journal of Nonlinear Science, 061101 [ISSN: 1089-7682]

Sukhamander Singh

• R. Kumar, D. Singh, K. Gopal, A.P. Singh & **S. Singh** (2025). Submillimeter Radiation Production Using Two Unidentical Lasers in Hot Collisional Plasma. IEEE Transactions on Plasma Science, 1680-1692. [ISSN:1939-9375]

• R. Kumar, D. Singh, **S. Singh**, A. P. Singh & K. Gopal (2025). Resonantly driven terahertz field emission in collisional plasmas: effect of chirped laser pulse. Journal of Optics, 1-8. [ISSN:0974-6900]

• S. P. Bharti & **S. Singh** (2024). Effects of axial and radial components of magnetic field on the electromagnetic resistive instabilities in hall thruster plasma. Physica Scripta, 085603 [ISSN: 1402-4896]

Brijesh Kumar Singh

• B. Pant & **B. K. Singh** (2024). Formation of subwavelength tunable flat-top focus with

• double foci characteristic by tightly focused cylindrical vector beams. Optics Communications, 130972 [ISSN:1873-0310]

- B. Pant & **B. K. Singh** (2024). Far-field sub-diffraction focusing and controlled focus
- shaping of circularly polarized light using a dielectric phase plate. J. Opt. Soc. Am. A 1899- 1904 [ISSN:1520-8532]
- B. Pant, B. K. Mishra, S. Singh & **B. K. Singh** (2024). Mode transformation and dark spot

  formation of cylindrical vector beams by thin dielectric film. Optics & Laser Technology,

  111539 [ISSN: 0030-3992]

Rakesh Kumar

- M. R. Mahapatra & **R. Kumar** (2024). Exact staggered dimer ground state and its stability in a two-dimensional magnet. Phys. Rev. B, 104402 [ISSN:2469-9969]

Yugandhar Bitla

- V. K. Sahu, S. Gayen, K. Boya, G. Pradhan, V. K. Singh, M. Barik, P. Khuntia, **Y. Bitla**, S. K. Panda, B. Koteswararao (2025). $Ni_{12}(HPO_4)_6(PO_4)_2(OH)_6$: a compound with coupled frustrated hexagons of alternating ferromagnetic and antiferromagnetic interactions. J. Phys.: Condens. Matter, 255801 [ISSN: 1361-648X]
- Saini, D. Bhedi, M. Verma, S. S. Meena, **Y. Bitla** & R. Thirumoorthi (2025). Structural and magnetic properties of Fe_2TeO_6-α-Fe_2O_3 nanocomposite. Bulletin of Materials Science, 37 [ISSN: 0973-7669]
- M. Verma, A. K. Khorwal, Pardeep, G.A. Basheed, A. K. Patra, S.N. Kaul & **Y. Bitla** (2025). Observation of three-dimensional Ising to uniaxial dipolar crossover in a double exchange ferromagnet. Journal of Magnetism and Magnetic Materials, 173323 [ISSN: 1873-4766]

Kuldeep Suthar

- K. Suthar (2025). Boundary-driven many-body phase transitions in a non-Hermitian disordered fermionic chain. Physical Review B, 064202 [ISSN:2469-9969]

Rajendra Pawar

- M. Rani, K. Singh, **R. C. Pawar** & N. Panwar (2025). Outstanding improvement in ultraviolet photodetection with $DyCrO_3$/n-Si heterojunction device on manganese substitution. J Mater Sci: Mater Electron, 798 [ISSN:1573-482X]

Umesh Kumar Verma

- Umesh Kumar Verma (2025), Explosive transition in adaptive Stuart-Landau oscillators with higher-order interactions 014302 [2470-0053]

Department of Public Policy, Law & Governance

Prof. Nagendra Ambedkar Sole

- Megha Goyal & Prof. Nagendra Ambedkar Sole "Mainstreaming Women's Political Participation Through Education: An Analysis of Bhilwara Municipal Council in

Rajasthan"A Journal of the National Institute of Urban Affairs , July-December 2024, 0970-9045

Prof. S. Kandasamy

- Jitendra Kumar & Prof. (Dr.) S. Kandasamy "Integrating CSR with Rajasthan's Policy Framework: A Strategic Approach to Achieving SDG 16 in the Context of Climate Change"Journal of East-West Thought , 2168-2259 https://jetjournal.us/
- Jitendra Kumar & Prof. (Dr.) S. Kandasamy "CSR, Environmental Forensics, and Climate Justice: Legal Pathways to Corporate Accountability" ANVESAK ISSN 0378-4568.

Dr. Gyana Ranjan Panda

- Manish Tarun and Dr. Gyana Ranjan Panda "Privacy in the Digital Age: A Study of the Impact of Social Media on the Privacy of Social Media Users in Samastipur District of Bihar" International Journal of Cultural Studies and Social Sciences ISSN 2347-4777
- Priyank Goswami and Dr. Gyana Ranjan Panda "Exploring the interlinkages between water security and biodiversity in Sub Himalayan Jammu City: An ecosystem based approach " Geo Journal https://doi.org/10.1007/s10708-024-11167-7

Department of Social Work

Rajeev MM

- Rajeev MM, Brijesh Jagarwal (2024): Voluntary Organizations and the Development of Social Policies: Broad Contributions and Challenges. South India Journal of Social Sciences.
- Madhu Kumari, Subhasis Bhadra, M.M. Rajeev(2025).The aspirations and achievement motivation among care leavers: An exploration through life course perspective. Children and Youth Services Review.

Atiq Ahmed

- Krishnan, A.KT. & Ahmed, A. (2025). "Marriage should not mean losing myself": Changing expectations and relationship concerns among unmarried young adults in Kerala. Journal of Human Behavior in the Social Environment.
- Krishnan, A.KT. & Ahmed, A. (2025). Unveiling apprehensions: the changing perspectives of young unmarried women on marriage in Kerala. Asian Journal of Multidimensional Research.

Department of Society Technology Interface

Dr. Kumar Sambhav Pareek

- Securitization of Cyber threats: Implications for Privacy and Digital Rights, published in Indian Journal of Political Science, Vol LXXXV, No 3, July-Sept 2024, ISSN No 0019-5510, pp. 741-751 (UGC Care listed)

Dr. Jaya Kritika Ojha

- Sharma, A. and Ojha, J.K. (2025). Analyzing the Gender Digital Divide through Powercube Framework: A Systematic Literature Review. Information Development. SAGE. 10.1177/02666669251337064 (Scopus)
- Thounjam, S. and Ojha, J.K. (2025). Exploring the Digital Spaces of Women Artisans in Kashida Crafts: Case Stories from Thar Desert of Western Rajasthan. Journal of Asian and African Studies. (Scopus)
- Ibrahim, M. and Ojha, J.K. (2025). Leveraging Digital Spaces for Rural Women Artisans and Handicraft Enterprises in the Desert of Rajasthan, India. Journal of Heritage Management. (UGC Care)
- Ojha, J.K. (2024). Digital Economy, Society, Policies and Innovation: An Analysis of Digital Spaces of India and China. Rajasthan Journal of Sociology. Vol.16, 81-90. (UGC Care)
- Ojha, S. and Ojha, J.K. (2024). Re-imagining Auden's "September 1, 1939". IISU-Journal of Arts, Vol.13 (4), 18-23. (UGC Care)

Dr. Jugal Kishor

- Mohan, J., Kishor, J., Kaur, G.I.J (2025), Smart Sports: The role IoT driven Revolution in Human Wellness and Sport Performance" Indian Journal of Psychology, pp. 28-32, ISSN: 0019-5553.

Department of Sports Biosciences

Dr. Neha Singh

- Ethnomedicinal Knowledge of Mogiya tribe around Ranthambhore National Park: with special reference for treating sports injuries.
- Nutritional Analysis of Adolescent Combat Sports Athletes

Dr. Hemanth Naick Banavath

- Meta-analysis of Circulatory mitomiRs in stress Response: Unveiling the significance of miR-34a and miR-146a- Arpan Chattopadhyay, Harshita Tak, Jivanage Anirudh, B Hemanth Naick.
- Structure-based virtual screening against multiple Plasmodium falciparum kinases reveals antimalarial compounds - Priya Godara, Jivanage Anirudh, Harshita Tak, Hemanth Naick Banavath, Dhaneswar Prusty.
- An experimental and computational approach to evaluate the antidiabetic activity of Commiphora wightii gum extract - Shalini Jain, Mukesh Kumar Sharma, Nidhi Gupta, Jivanage Anirudh, Hemanth Naick Banavath, Sreemoyee Chatterjee.

• Argonaute protein assisted drug discovery for miRNA-181c-5p and target gene ATM translation repression: a computational approach - Harshita Tak, Jivanage Anirudh, Arpan Chattopadhyay, B Hemanth Naick.

• Evaluating cell-free circulatory mitochondrial DNA as a comprehensive biomarker for stress: meta-analysis of psychological and physiological stress responses - Arpan Chattopadhyay, Harshita Tak Hemanth Naick B.

• Effect of Stretching Exercise on Recovery of Quadriceps Tendinosis: A Case Study - Arpan Chattopadhyay, Subhasmita Das, Harshita Tak, Paladi Ramya, Bikram Moyra, Divik Ranjan & B. Hemanth Naick.

Sunil G Purohit

• Anjali Vashishth, Shivam Sharma, Sunil G Purohit and Neha Singh. Para-Swimmers and Astaxanthin: Unraveling the Impact on Hematological and Biochemical Metrics, alongside Lung Capacity". EC Orthopaedics .

Shailendra Pratap Singh

• Development of Edible Carbohydrate–Protein Sports Gels to Optimize the Muscle Glycogen Re-Synthesis.

• Mpact of B-Glucan-Based Diet in Association with the Prevention of Niddm In Athletes Improving Cardiovascular Functioning.

Department of Sports Psychology

Dr. Guneet Inder Jit Kaur

• Biju, S., Nishada, R.K**.,** Kaur, G.I.J. (2025). Effect of Emotional Freedom Technique Intervention on Resilience and Emotional Regulation among State-Level Horse Polo Players. *Indian Journal of Psychological Science.* 21

• Agarwal, M., Anupam, & Kaur, G.I.J. (2025). Self-efficacy as related to optimism, mental toughness and resilience among sports persons. *Indian Journal of Psychological Science, 21*(Special Issue-II).

• Mohan, J., Kishor, J., & Kaur, G. I. J. (2025). Smart Sports: The IoT-driven revolution in human wellness and sport performance. *Indian Journal of Psychology*, 28-32.

Department of Statistics

Prof. Jitendra Kumar

• Kumar, J. & Jilowa, A.K.(2025) Modeling of Virtual Currencies through AR(1) Process Considering Loss-Profit Regimes. Computational Economics, https://doi.org/10.1007/s10614-025-10982-5

• Paliwal, B.K., Phogat, P., Mudassir, M., Kumar, J. & Wan, M.(2025) Impact of age and educational qualifications on food label awareness: A study of edible oils and fats in India. Nutrition, 134(112727), pp.1-6. https://doi.org/10.1016/j.nut.2025.112727

• Kumar, J., Jilowa, A.K. & Deokar, M. (2024) Volatility modeling of cryptocurrency and identifying common GARCH model. Communications in Statistics: Case Studies,

Data Analysis and Applications, 10(2), pp.125-142. https://doi.org/10.1080/23737484.2024.2351998

Dr. Arvind Pandey

- Tyagi, S., Pandey, A., Hanagal, D.D. & Chesneaud, C.(2024) A study on comparisons of additive regression frailty models to counter heterogeneity: Bayesian strategies and case study. Communications In Statistics - Simulation And Computation, https://www.tandfonline.com/doi/full/10.1080/03610918.2024.2391874#abstract
- Pandey, A., Chauhan, A. & Singh, R.P.(2025) A New Family of Distributions Based on Gamma Frailty. A Panamerican Mathematical Journal, 35(4), 951-974, https://internationalpubls.com/index.php/pmj/article/view/5794/3275
- Pareek P., Saha, M., Riyar, S., & Pandey A.(2025) Applications of time truncated acceptance sampling plans for logistic-exponential process distribution. Life Cycle Reliability and Safety Engineering, https://link.springer.com/article/10.1007/s41872-025-00304-x
- Pandey, A., Singh, R.P., Tyagi, S. & Tyagi, A. (2024) Modelling Climate, COVID-19, and Reliability Data: A New Continuous Lifetime Model under Different Methods of Estimation. Statistics and Applications, 22(2), pp. 1-27, https://www.ssca.org.in/media/1_2023_SA84072023_R2_SA_30092023_Ravindra_Pratap_Singh__FINAL_Finally_MJ_Tl6H14f.pdf
- Pandey, A. & Pawimawha L.(2024) Compound Poisson Correlated Frailty Model Based on Modified Weibull Baseline Distribution for Bivariate Survival Data. Thailand Statistician, 22(4): 803-820, https://ph02.tci-thaijo.org/index.php/thaistat/article/view/256067

Dr. Deepesh Bhati

- **Bhati, D**., Batsidis, A., & Khandelwal, S.(2025) New goodness of fit tests for the Pareto distribution using Stein's characterization for uncensored and random right censored data. Communications in Statistics - Theory and Methods, https://www.tandfonline.com/doi/citedby/10.1080/03610926.2025.2483973?scroll=top&needAccess=true
- **Bhati, D.**, Calderín, E.O., & Aradhye, G.(2025) On a new family of composite regression models with covariate dependent threshold via tail index parameter. Journal of the Korean Statistical Society, https://link.springer.com/article/10.1007/s42952-025-00318-2
- **Bhati. D**., Aradhye, G. & Sastry, D.V.S.(2024) On a new family of composite models with generalized log-Moyal tail for modeling insurance loss data. Filomat, https://doi.org/10.2298/FIL2414113B
- Kumari, A. **Bhati, D**., & Batsidis, A.(2024) New classes of goodness-of-fit tests for the one sided Lévy distribution. Statistica Neerlandica, https://doi.org/10.1111/stan.12362

- Kumari, A. & **Bhati, D.**,(2024) Goodness-of-fit test for the one-sided Lévy distribution. Journal of Applied Statistics, https://www.tandfonline.com/doi/abs/10.1080/02664763.2023.2251098

Dr. Sanjay Kumar

- Kumar S. and Oral, E. (2024) Assessment of First-Phase COVID-19 Pandemic in Europe using Hierarchical Clustering based on Principal Components Analysis. Journal of Autonomous Intelligence, 7(1), pp.1-12. doi: 10.32629/jai.v7i1.648
- 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, 13:15-23, https://doi.org/10.1007/s41872-023-00239-1.
- Jakhar, A., Kumar, S. (2024) Robust HEWMA-type estimators for population mean under non-normality. Life Cycle Reliability and Safety Engineering, 13:33-49, https://doi.org/10.1007/s41872-024-00244-y
- Kumar, S. & Chhaparwal, P.(2024) Estimation of Population Mean in the Presence of Non-Response for Time-Based Surveys. Thailand Statistician, 23(2), pp.438-446, https://ph02.tci-thaijo.org/index.php/thaistat/article/view/258531
- Kumar, K., Kumar, S. and Kumar**,** S. (2024) A New Modified Estimator For Population Mean Using Auxiliary Character And Attribute In Double Sampling. Int. J. Agricult. Stat. Sci., 20(2), pp. 467-471, doi: 10.59467/IJASS.2024.20.467

Dr. Mahesh Barale

- Badetiya, Y., Barale, M. (2024) Modelling groundwater level using geographically weighted regression. *Arabian Journal of Geosciences,* **17:** 251. https://doi.org/10.1007/s12517-024-12051-x
- Barale, M.S., Shirke, D.T. (2025) Two-Sample Test for Testing Equality of Location Vectors Based on Outlying Function. *Annals of Data Science,* https://doi.org/10.1007/s40745-025-00591-2

Dr. Saurabh Kumar

- Patra, S. K., Yadav, R. K., & Kumar, S.(2025) Unravelling the Determinants of Domestic Savings in India: An ARDL Approach. Productivity, 66(2), pp.118-132. https://doi.org/10.32381/PROD.2024.65.02.2.

Department of Yoga

Prof. Sanjib Kumar Patra

- Maity, K., Majumdar, V., Patra, S., & Anand, A. (2025). Cognitive dysfunction—an under looked avenue to promote health in incarcerated elderly population through yoga. Frontiers in Human Neuroscience, 19, 1553845. [Indexed Scopus, and Web of Science, Impact factor: 2.7)
- Pundir, M., Das, M., Yadav, V. S., & Patra, S. (2024). Effectiveness of Yoga-Based Interventions on Vascular Health: A Comprehensive Review. International Journal of Endovascular Treatment and Innovative Techniques, 5(2), 57-65. [Indexed in UGC Care]

- Maity, K., Rain, M., Dixit, N., Kumar, S., Darmora, M., Verma, Patra, S. & Anand, A. (2025). Common Yoga Protocol Modulates Traditional Architecture of Personality and Its Association with the Socio-demographic Variables of Prisoners: An Exploratory Study. Annals of Neurosciences, 09727531251335421. [Indexed in Scopus and web of science IF- 2.4]
- Acharya, K., Maity, K., Acharya, R. M., Pradhan, B., & Patra, S. (2025). Autonomic and Respiratory Modulations Induced by Different Styles of Mantra Chanting. Annals of Neurosciences, 09727531251345310. [Indexed in Scopus, and, web of science, impact factor: 2.4]
- Maharana, S., Nagarathna, R., Patra, S., Venkataram, P., Nagendra, H. R., & Maity, K. (2024). Integrated yoga changes attention, motor, and mental function in expecting mothers: A randomized controlled trial. Yoga Mimamsa, 56(1), 33-40. [Indexed in UGC care,
- Das, M., Thajuddin, N., Patra, S., & Pundir, M. (2024). Mind-body techniques on stress-induced gut microbiota dysbiosis in Asthmatics: A narrative review. Brain Behavior and Immunity Integrative, 5, 100040. [Indexed in Scopus, -]
- Roj, A. R., Sharma, H., Pundir, M., Rai, R., & Patra, S. (2025). Yogic Bellows, Neural Sparks: Unravelling the Neurophysiological Mechanisms of Kapalbhati—A Systematic Review. Annals of Neurosciences, 09727531251340154.[Indexed in Scopus, web of science, impact factor: 2.4
- Sharma, R., Singh, M., & Patra, S. (2025). A Comparative Analysis of Meditation Techniques and Their Influence on Psychological and Physiological Parameters. Indian Journal of YOGA Exercise & Sport Science and Physical Education, 13-17. [Indexed in UGC Care]
- Maity, K., Lal, P., Jyoti, S., Bali, Patra, S. Thakur, U. K., Singh, G., ... & Anand, A. (2024). Humanistic and Holistic Strategies for Combating Mental Health Sequelae in the Elderly During the Post-COVID Era. Annals of Neurosciences, 31(4), 292-299. [Indexed Scopus and Web of Science, impact factor: 2.4]
- Das, M., Muralitharan, G., Saini, S., & Patra, S. (2025). Sleep, Gut microbiota, and Mind-body medicine. Brain Behavior and Immunity Integrative, 100128. [Indexed in Scopus]
- Das, M., Thajuddin, N., Patra, S., & Pundir, M. (2024). Ancient Indian Diet–A Balanced Diet for the Healthy Diversity of Gut Microbiota and Management of Asthma. Current Research in Nutrition and Food Science Journal, 12(1), 349-373. (Indexed in Scopus, web of science, Impact Factor - 0.9.)

Prof. Raghavendra Bhat

- Iyer, S., Bhargav, H., & Bhat, R. (2024). Understanding the Barriers to Implementing Tele-Yoga Intervention for Stress Management in Post-Graduate University Students: A Qualitative Study. Advances in Mind-body Medicine, 28(1), 9-14. [Indexed in: Scopus, Web of Science]

- 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. [Indexed in: UGC care]
- Iyer, S., Bhargav, H., Bhat, R. (2024). Ideal Time to Practice Yoga: Insights from Traditional Yoga Texts and Observations from Scientific Studies: A Narrative Review. Journal of Applied Consciousness Studies. 12(2): 82-90. [Indexed in: UGC care]
- Rao, N. S., Bhat, R., Sharma, M. K., & Mani, T. A. (2025). Development, Validation, and Feasibility of Integrated Yoga Module for Internet Gaming Disorder Among Adolescents. Advances in Integrative Medicine, 12(3):100486. DOI: https://doi.org/10.1016/j.aimed.2025.100486 [Indexed in: Scopus, Web of Science, Impact Factor: 1.3]

Dr. Kashinath G. Metri

- Jogdand, R., Maharana, S., Metri, K. G., Anuradha, B. S., & Nagarthan, R. (2024). Is Tele-yoga Safe for Pregnant Women with First-trimester Uterine Artery Doppler Positive? A Feasibility Study. International Journal of Yoga, 17(3), 232-241. https://doi.org/10.4103/ijoy.ijoy_175_24 (Impact factor - 1.1)
- Baishya, A., Hazarika, D., & Metri, K. (2025). Yoga for Archers: Development, Validation, and Feasibility Testing of a Yoga Module. International Journal of Yoga, 10-4103. https://doi.org/10.4103/ijoy.ijoy_259_24(Impact factor - 1.1)
- Jogdand, R. P., Maharana, S., Mohanty, S., Metri, K., Anuradha, D., & Nagarathna, R. (2025). Potential Role of Yoga in Improving Risk Factors of Pregnancy Complications Among Pregnant Women with Abnormal First Trimester Uterine Artery Doppler Ultrasound: A Protocol for a Randomized Controlled Trial. Alternative therapies in health and medicine, 31(4), 200–204.
- Kumawat, J., & Metri, K. G. (2025). Research on Yoga for stress management: Bibliometric trends from 2000 to 2024. Journal of Ayurveda and integrative medicine, 16(4), 101163. https://doi.org/10.1016/j.jaim.2025.101163(Impact factor - 1.9)
- Baishya, A., Sharma, S., Hazarika, D., Saini, S., Sharma, H., & Metri, K. (2025). Yoga in autoimmune disorders: a systematic review of randomized controlled trials. Annals of behavioral medicine: a publication of the Society of Behavioral Medicine, 59(1), kaaf049. https://doi.org/10.1093/abm/kaaf049(Impact factor - 3.3)
- Kumawat, J., & Metri, K. G. (2025). Effects of an Eight-Week Yoga Intervention on Cognitive, Mental, and Autonomic Function in Female Students with Elevated Stress: A Randomized Controlled Trial Protocol. Mental Health and Physical Activity, 100709. https://doi.org/10.1016/j.mhpa.2025.100709(Impact factor - 2.6)

Book/Book Chapters/Editor of Book

Department of Architecture

Dr. Sunil Sharma

- Sharma, S., Gupta, S. & Mathur, A., (2025). From Traditional to Digital: Changing Role of Libraries in the ICT Era. In: *Proceedings of National Conference on Transforming Education through Information Literacy: The Librarian's Perspective*. New Delhi: Bharti Publications, pp.110-118. ISBN 9789348059130.

Department of Atmospheric Science

Dr. Devesh Sharma

- Jagdish Jadhav, Pramod Kamble, Devesh Sharma, Hemlata Manglani, Gyana Ranjan Panda & Priya Rajput (2024). Socio-Economic Implications of Severe Storms in the Changing Climatic Scenarios: A Case of South Asia. Chapter in Book "Severe Storms - Anatomy, Early Warning Systems and Aftermath in Changing Climate Scenarios" (Editor: Someshwar Das, Wei-Kuo Tao) Springer Nature Singapore, ISBN 978-981-9770-74-8

Dr. Subrat Kumar Panda

- Amit Awasthi, Kanhu Charan Pattnayak, Pushp Raj Tiwari, Subrat Kumar Panda, Sneha Gautam, Tanupriya Choudhury, Ayan Sar (2024). Air Quality Monitoring (AQM) and Prediction- Transitioning from Conventional to AI Techniques. Chapter in Book "Artificial Intelligence for Air Quality Monitoring and Prediction" (Editors: Amit Awasthi, Kanhu Charan Pattnayak, Gaurav Dhiman, Pushp Raj Tiwari), CRC Press, ISBN 978-103-2683-80-5.

Department of Biochemistry

Prof. Chandi C Mandal

- Kapoor, A., & Mandal, C. C. (2025). Influence of Serine Proteases on Bone Morphogenetic Proteins: Insights for Advancing Treatment Paradigms in Breast Cancer. In Handbook of Proteases in Cancer (pp. 3-14). CRC Press.

Dr. Vishvanath Tiwari

- Metallic nanoparticles against phytopathogenic microorganisms: Synthesis, Molecular Mechanism and Limitations (2025). In Press

Dr. Dhaneswar Prusty

- Pragya, S., Srivastava, V., & Prusty, D. (2025). High-throughput data analysis in systems biology: Techniques, challenges, and applications in modern scientific research. Systems Biology and In-Depth Applications for Unlocking Diseases, 97-120.

Department of Biotechnology

Dr. Surendra Nimesh

- Introduction and barriers in cancer therapeutics, L. Loveleen, **Surendra Nimesh**, N. Gupta, Cancer Therapy: A potential application of nanotechnology, Ed. Surendra Nimesh, N. Gupta, G. Carneiro, Elsevier, Amsterdam, Netherlands (2024), https://doi.org/10.1016/C2022-0-01292-7
- Polymeric nanomaterial: expanding horizons in cancer therapeutics, L. Loveleen, N. Gupta, **Surendra Nimesh**, Cancer Therapy: A potential application of nanotechnology, Ed. Surendra Nimesh, N. Gupta, G. Carneiro, Elsevier, Amsterdam, Netherlands (2024), https://doi.org/10.1016/C2022-0-01292-7
- Polyethylenimine: an efficient carrier in cancer therapeutics, T. Sharma, A.K. Tomer, R.M. Kumari, **Surendra Nimesh**, Cancer Therapy: A potential application of nanotechnology, Ed. Surendra Nimesh, N. Gupta, G. Carneiro, Elsevier, Amsterdam, Netherlands (2024), https://doi.org/10.1016/C2022-0-01292-7
- Poly(L-glutamic) acid: a potential polymer in cancer therapy, L. Loveleen, N. Gupta, **Surendra Nimesh**, Cancer Therapy: A potential application of nanotechnology, Ed. Surendra Nimesh, N. Gupta, G. Carneiro, Elsevier, Amsterdam, Netherlands (2024), https://doi.org/10.1016/C2022-0-01292-7
- Dendrimers as anticancer delivery vectors, L. Loveleen, N. Gupta, **Surendra Nimesh**, Cancer Therapy: A potential application of nanotechnology, Ed. Surendra Nimesh, N. Gupta, G. Carneiro, Elsevier, Amsterdam, Netherlands (2024), https://doi.org/10.1016/C2022-0-01292-7
- Poly(ε-caprolactone) in anticancer drug delivery: current updates, A. Singh, J. Pooja, R. Keerthana, D. Atram, D. Tijare, B. Bojja, N. Wadate, G. Asabe, J. Narhire, A. Mourya, S. Arya, S. Loharkar, N.K. Mehra, **Surendra Nimesh,** J. Madan, Cancer Therapy: A potential application of nanotechnology, Ed. Surendra Nimesh, N. Gupta, G. Carneiro, Elsevier, Amsterdam, Netherlands (2024), https://doi.org/10.1016/C2022-0-01292-7
- Clinical updates, approaches, and future perspectives, N. Gupta, N. Sharma, **Surendra Nimesh**, Cancer Therapy: A potential application of nanotechnology, Ed. Surendra Nimesh, N. Gupta, G. Carneiro, Elsevier, Amsterdam, Netherlands (2024), https://doi.org/10.1016/C2022-0-01292-7

Dr. Gajendra Singh

- Futuristic Avenues in Candida Treatment: Exploiting Plant-Derived Agents as Potent Inhibitors of Candidiasis.Mazen Abdulghani, Sreejeeta Sinha, Gajendra Singh & Gajanan Zore. ISBN 978-981-97-5164-8.

Department of Chemistry

Dr. Anuj Kumar Sharma

- Selected Examples of Iron and Cobalt Complexes Exhibiting Spin-Crossover, Advances in materials science: Fundamentals and applications (Book Chapter).

Dr. Partha Roy

- TiO2 Nanotube Synthesis, Properties, and Applications, Eco-Materials and Green Energy for a Sustainable Future (Book Chapter).

Dr. Hemant Joshi

- TiO2 Nanotube Synthesis, Properties, and Applications, Eco-Materials and Green Energy for a Sustainable Future (Book Chapter).

Department of Commerce

Dr. Priyanka Bhaskar

- Bhaskar, P., & Seth, N. (2024). Environment and sustainability development: A ChatGPT perspective. In Applied Data Science and Smart Systems (pp. 54-62). CRC Press.
- Bhaskar, P., Choudhary, M., & Meel, P. (2024). Examining the Role of the Tourism Sector in Facilitating Employment Opportunities, with an Emphasis on Rajasthan. In Multidisciplinary Approaches for Sustainable Development (pp. 130-137). CRC Press.
- Bhaskar, P., & Arora, S. (2024). Leveraging Big Data and Advanced Analytics for Enhanced Decesion-Making and Competitive Edge in Transformative Business Research Integrating Sustainability and Growth Strategies.

Department of Computer Science & Engineering

Dr. Basant Agarwal

- Cheilsi C., Agarwal, B., Wuttisittikulkij L., Joshi D., Bhatnagar A., Chaudhary S. and Sasithong, P., "Interactive Learning Through the Metaverse and its Impact on Primary Education," 2024 21st International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON), Khon Kaen, Thailand, 2024, pp. 1-8, doi: 10.1109/ECTI-CON60892.2024.10595008.

Dr. Gaurav Somani

- Anmol Kumar and Gaurav Somani, Cyber Attack Victim Separation: New Dimensions to Minimize Attack Effects by Resource Management, Book: Resource Management in Distributed Systems, Book Series: Studies in Big Data, Vol. 151, Eds: Anwesha Mukherjee et al, 978-981-97-2643-1, Springer, 2024.
- Gunjan Kumar Saini and Gaurav Somani, Resource Targeted Cybersecurity Attacks in Cloud Computing Environments, Book: Resource Management in Distributed

Systems, Book Series: Studies in Big Data, Vol. 151, Eds: Anwesha Mukherjee et al, 978-981-97-2643-1, Springer, 2024.

Department of Computer Science

Dr. Abhay Kumar Rai

- Wireless Ad-hoc and Sensor Networks, International Conference, 2025, CRC Press, Taylor & Francis, ISBN: 9781003528982
- Evaluating Recommender System using Baseline Approaches, International Conference on Machine Learning and Data Engineering, ICMLDE 2024, Elsevier, 1877-0509.

Dr. Ajay Indian

- Decoding Emotions: Unveiling Sentiments and Sarcasm through Text Analysis, Lecture Notes in Networks and Systems, ICDLAIR 2023, the Future of Artificial Intelligence and Robotics. , Springer, Cham, 2024, 978-3-031-60935-0.
- Content Recommendations Using Machine Learning-Based Approaches, Lecture Notes in Electrical Engineering (LNEE, volume 1326), 3, Springer, Singapore. Proceedings of the 3rd International Conference on Machine Learning, Cloud Computing and Intelligent Mining (MLCCIM2024). MLCCIM 2024, 978-981-96-2468-
- Overview of Artificial Intelligence and Its Applications in Research, AI for Everyone, 2024, , Sahitya Sansthan, India, 978-93-95397-61-2.

Dr. Krishna Kumar Mohbey

- International Conference on Soft Computing and Signal Processing, ICSCSP-2024, 2025, Springer 978-981-96-0923-9.Synergizing Multi-agent Systems for Consensus-Driven Group POI Recommendations, Proceedings of 7th

Dr. Rav Raj Choudhary

- Image Forgery Detection System using VGG16 UNET Model, International Conference on Machine Learning and Data Engineering, Elsevier, ICMLDE-2023, ,2024.
- Time-Frequency Features for The Cardiovascular System, Emerging Electrical and Computer Techniques for Smart Cities, CRC Press, 2024, 9781003486930.

Department of Culture and Media Studies

Amitabh Srivastava

- Mathur, S., & Srivastava, A. (2024). Citizen journalism in the era of misinformation. In A. Saxena (Ed.), *Digital pulse: Shaping the future of media and communication* (pp. 67–77). Bhumi Publishing. ISBN: 978-93-95847-43-8
- Mathur, S., & Srivastava, A. (2025). Commercialisation and value cultivation: The role of advertisements in cultivating family values. In A. Saxena, A. Pareek, & B. Sharma (Eds.), *Advertising reimagined: Clicks, stories and beyond* (pp. 65–72). Bhumi Publishing. ISBN: 978-93-48620-15-6

Anoop Kumar

- Anoop Kumar & M. Shuaib M. Haneef. (2025). Affordances of social media networks for climate change communication: Potentialities and constraints. In A. Anderson & C. Howarth (Eds.), *Routledge Handbook on Climate Crisis Communication* (pp. 218–228). ISBN: 9781003044253. Routledge. https://doi.org/10.4324/9781003044253-23

Pranta Pratik Patnaik

- Patnaik, Pranta Pratik (June 2025) In Search of a 'Place': Exploring the Untold Narratives of Rural Queer Lives in Odisha in K. Chakraborty & Himadri Roy (ed) *Queer Provincialism: Narratives and Resilience of Rural India* (2025), Springer Publications, Singapore. Page: 211-224. (ISBN No. 978-981-96-5742-1, Online ISBN No. 978-981-96-5743-8) doi - https://doi.org/10.1007/978-981-96-5743-8_15

Department of Data Science and Analytics

Dr. Nishtha Kesswani

- Vishwakarma, M., Jyotiyana, M., Kesswani, N., & Al-Saman, A. M. Enhancing healthcare wireless communication security with deep learning-driven IDS. In Wireless Ad-hoc and Sensor Networks (pp. 298-317). CRC Press. ISSN 9781003528982.
- Naveen Saran, Nishtha Kesswani, Ravi Saharan. "Intrusion Detection System using Deep Learning Techniques for Internet of Medical Things (IoMT)" Springer, LNNS, Cham, 2024.Volume1001.ISBN:9783031609343, https://link.springer.com/book/9783031609343.

Dr. Pritpal Singh

- P. Singh. A Journey into Ambiguous Set Theory: Exploring Ambiguity. Publisher: Cambridge University Press, UK, ISBN: 1-0364-4111-3, Year: 2025.

Dr. Subodh Kumar

- Subodh Kumar, Neeraj Kumar Sharma, and Naveen Kumar. "A DST-DCT-Based Adaptive Color Image Watermarking Scheme Using Coati Optimization Algorithm." In International Conference on Artificial Intelligence on Textile and Apparel, pp. 511-523. Singapore: Springer Nature Singapore, 2024.
- Neeraj Kumar Sharma, Sakeena Shahid, Subodh Kumar, Sanjeev Sharma, Tanya Gupta, Rakesh Kumar Gupta, and Naveen Kumar. "Assessing Depth of Anesthesia Using PPG Signals." In International Conference on Artificial Intelligence on Textile and Apparel, pp. 423-435. Singapore: Springer Nature Singapore, 2024.
- Sakeena Shahid, Neeraj Kumar Sharma, Subodh Kumar, Sanjeev Sharma, Rakesh Kumar Gupta, and Naveen Kumar. "Exploring EEG Feature Extraction and Explainable AI for Accurate Depth of Anesthesia Prediction." In International

Conference on Artificial Intelligence on Textile and Apparel, pp. 437-449. Singapore: Springer Nature Singapore, 2024.

Department of Economics

Dr. Hemlata Manglani

- Jadhav, J., Kamble, P., Sharma, D., Manglani, H., Panda, G. R., & Rajput, P. (2025). Socio-economic implications of severe storms in the changing climatic scenarios: A case of South Asia. In S. Das & W.-K. Tao (Eds.), *Severe storms: Anatomy, early warning systems and aftermath in changing climate scenarios* (pp. 647–670). Springer Nature.

Dr. Pragati Jain

- Philip, S. M., & Jain, P. (2024). Behind locked doors: The fight towards ending marital rape in India.In Sustainable development law: Principles, practices and policies (International ed.). Satyam Law International Publications. ISBN: 978-8119121137.

Dr. Satyanarayanamurty Dogga

- Dogga, S. (2025). From grey to green infrastructure: The global shift towards nature-based solutions in landscape design. In Global Sustainable Development Integration of Digital and Human-Centric Pathways (Eds). Taylor and Francis Group. Hard ISBN: 9781779644138. E-Book ISBN: 9781779644145.

Department of Education

Anjali Sharma

- Pathak, R.P. & Sharma, A. (2024). The Management of Teaching Skills. Kanishka Publishers, Distributors, New Delhi. [ISBN:978-81-972077-0-9]
- Sharma, A. & Ray, M. (2024). People, Culture, Knowledge, and Skill: A Philosophical Approach to Disaster and Environment (With Special Reference to the Works of Kenji Miyazawa). In Z. Mbandlwa (Ed.), *Challenges, Strategies, and Resiliency in Disaster and Risk Management* (pp. 97-127). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3693-2721-.ch005.[ISBN13: 9798369327210|ISBN13 Softcover: 9798369345375|EISBN13: 9798369327227]
- Sharma, A., Singh, S. & Bajiya, R.S. (2025). Appraising the Infrastructure in Schools to Portray the Picture of Inclusion. In A. Ranjan, K. Rai, A.S. Rai, and P.R. Kumar (Eds.). INCLUSIVE EDUCATION: NEP-2020 (pp. 287-308). Punjab: Vyom Hans Publications [ISBN: 9788198181442]
- Sharma, A. (2024). National Education Policy 2020: New and Dynamic Aspects. In S. P. Singh (Ed.) National Education Policy 2020: Resurgence of Indianization in Education.New Delhi, New Delhi Publishers. [ISBN: 9789393878199]

Dr Rina Godara

- Godara, R (2024). Agnihotra: Extracting Knowledge for sustainable development, Curriculum, Pedagogy & Sustainable Development: The role of Indian Knowledge System, Global Academic Publishers, ISBN 978-93-94100-74-9
- Sharma, R, Godara, R (2025). Addressing Diversities in an Inclusive Classroom: Pedagogical practices based on UDL, Reimagining Classrooms Equity and Inclusion under NEP 2020, Nitya Publications, Bhopal MP India, ISBN: 978-93-5857-921-5
- Roy,P, Godara,R (2025). Empowering women to enhance Gender Power Dynamics, Gender Power Dynamics: Changing Context & Challenges (Part-I), Asha Paras for Peace and harmony Foundation, India, ISBN: 978-81-985169-9-2

Kanak Sharma

- Sharma, K. and Mallick, A. (2025). Eco-Friendly Energy: Charting the Course For Sustainable Tomorrow. Prosperity Paradigm: Redefining Economic Success In Viksit Bharat. Chanakya Publication & Distributors, Delhi(ISBN: 978-93-95055-81-9)

Nithya Prem S.R.

- Theoretical overview of Stem Pedagogy. Transforming Teacher Education In The Light Of Policy Perspectives (PP no 322-25) Publisher: Naamak Publications Pvt. Ltd (ISBN: 978-81-985215-7-6).

Department of Electronics and Communication Engineering

Dr. Kapil Saraswat

- Kapil Saraswat, Trivesh Kumar (2024), "Wideband and Multi-band Circularly Polarized Planar Slot Antennas," in "PRACTICAL ANTENNA: DESIGN, ANALYSIS, AND APPLICATIONS", CRC Press, PP. 48-75, DOI:10.1201/ 9781003470854-3, eBook ISBN 9781003470854.

Department of English

Sanjay Arora

- Devi, Anita, Sanjay Arora and S. Mohan Raj. (eds.) (2024) English Language Teaching*: Adapting to New Needs, Demands, and Trends,* MJP Publishers ISBN 9789355273352.
- Sharma, Kirti, Sanjay Arora. (2025) Rhythms of Resistance: Bhil And Garasiya Folk Culture As A Mirror Of Struggle. Voices Unheard Tribes in India- *Life, Society and Culture*, (Edited book) ISBN 978-93-49883-29-1.
- Verma, Abhishek and Sanjay Arora. Authorship, Originality, and Linguistic Merits in the ERA of AI. *Journal of English Language Teaching*, vol. 67, no. 3, May 2025, pp. 20–28.
- Nag, Debayan, and Dr Sanjay Arora. The Purview of Natural Space beyond the Constructed National Territories in Saadat Hasan Manto's The Dog of Tithwal. *Space, Identity and Literature: Critical Perspectives*, edited by Bhaskar Ch Sarkar, Authors Press, 2024, pp. 140-149.

Bhumika Sharma

- Sharma, B. (2023) Disability in Indian Cinema: Understanding Shifting Perspectives through Select Movies. In (ed.) Rekha Kumari. *Disability in India: A Socio Cultural Exploration*. Authors press. pp 170-186. ISBN 978-93-5529-862-1.

Neha Arora

- Arora, Neha. (January, 2025) Economic Development vs Strategic Erasure of Tribals in Mayilamma: The Life of Tribal Eco Warrior. In (ed.) *Unheard Voices: Reflection on Indian Writing,* ISBN 978-93-6506-936-5.

Devendra Rankawat

- Rankawat, Devendra. (2024), An Enquiry into the Metaphysics of Indigenous Tribal Life as Portrayed in Hari Ram Meena's *When Arrows Where Heated Up* in *Rajasthan Association for Studies in English.* ISSN 0975-3419.

Savita Andelwar

- Andelwar, Savita. (January, 2025) Ambedkar as a Historian of the Dalits and Buddhism. In (ed.) *Social Movements: Contemplation and Enlightenment*, Dr. Navnath Aghav, Dr. Nandkumar Kuklare & Dr. Kalidas Bhange, Lokgatha Prakashan, Chhatrapati Sambhajinagar, Maharashtra. pp. 6 -10. ISBN: 978-81-970998-1-6.

Department of Environmental Science

Prof. Rajesh Kumar

- Ramesh Kumar, Rajesh Kumar, Atar Singh, Prity Singh Pippal, Payal Sharma, Shruti Singh, Surjeet Singh Randhawa, (2025) Quantifying Mineral Abundance and Erosion Using Remote Sensing and Global Navigation Satellite System (GNSS) Technology, In GNSS Applications in Earth and Space Observations. Springer Nature. ISBN:9781032712444
- Atar Singh, Rajesh Kumar, Ramesh Kumar, Varsha Tanu, Shruti Singh, Prity Singh Pippal (2025), Monitoring Climate Impacts on Himalayan Glacier Dynamics Using GNSS Radio Occultation, In GNSS Applications in Earth and Space Observations, Springer Nature. ISBN:9781032712444
- Ramesh Kumar, Prity Singh Pippal, Rupendra Singh, Varsha Tanu, Kumari Gouri, Pankaj Kumar, Rajesh Kumar (2025), Policies for Advancing Forest Fire Management Practices and Adaptation Strategies Concerning Climate Change, Forest Fire and Climate Change. Springer Nature

Prof. Laxmi Kant Sharma

- Alisha Sinha, Laxmi Kant Sharma, (2025), AI Tools and Technologies in Disaster Risk Reduction and Management Artificial Intelligence in Remote Sensing for Disaster Management, Wiley, ISBN: 9781394287192
- Alisha Sinha, Laxmi Kant Sharma (2025), Role of various machine and deep learning classification algorithms in Google Earth Engine: A comparative analysis, Google Earth Engine and Artificial Intelligence for Earth Observation Algorithms and Sustainable Applications Earth Observation, Elsevier, ISBN:9780443273728

- Laxmi Kant Sharma, Rajashree Naik (2024), Present Technologies for Wetland Studies, Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Future Technologies for Wetland Studies, Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Salinology Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Inland Saline Wetlands, Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Saline Wetland Ecosystems, Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Past Technologies for Wetland Studies, Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Case Study: Sambhar Lake, India, Conservation of Saline Wetland Ecosystems Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) UN Decade for Restoration, Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Wetland Ecosystems, Conservation of Saline Wetland Ecosystems, Springer Nature, ISBN: 9789819750689
- Laxmi Kant Sharma, Rajashree Naik (2024) Need for Wetland Restoration, Conservation of Saline Wetland Ecosystems Springer Nature, ISBN: 9789819750689
- Kariya Ishita Bhaveshkumar, Laxmi Kant Sharma (2024) Dual Polarimetric Radar Vegetation Index for Assessing Mangrove Phenological Shifts under Eco-Climatic Stress, IEEE, DOI: 10.1109/InGARSS61818.2024

Dr. Pramod N Kamble

- Dheravath Bhagawan, Kavita Verma, Saritha Poodari, Pramod N. Kamble, Garima Kaushik, and Ritu Singh (2024) Lignocellulose Materials as a Potential Feedstock for Hydrogen Production. In Green Hydrogen Economy for Environmental Sustainability. Volume 2: Applications, Challenges, and Policies, American Chemical Society. ISBN:" 9780841296695.

Dr. Garima Kaushik

- Dheravath Bhagawan, Kavita Verma, Saritha Poodari, Pramod N. Kamble, Garima Kaushik, and Ritu Singh (2024) Lignocellulose Materials as a Potential Feedstock for Hydrogen Production. In Green Hydrogen Economy for Environmental Sustainability. Volume 2: Applications, Challenges, and Policies, American Chemical Society. ISBN:" 9780841296695.

Dr. Ritu Singh

- Sanjeev Kumar, Susmita Karmakar, Anita Rani, Ritu Singh (2025) Adaptive Agro-mangaememt for Environmental Sustainability, CRC Press, ISBN: 9781032538808.
- Ritu Singh, (2025) AI enhanced Agriculture: Innovative Technologies and Emerging Trends,CRC Press, ISBN: 9781032538808
- Dheravath Bhagawan, Kavita Verma, Saritha Poodari, Pramod N. Kamble, Garima Kaushik, and Ritu Singh (2024) Lignocellulose Materials as a Potential Feedstock for Hydrogen Production. In Green Hydrogen Economy for Environmental Sustainability. Volume 2: Applications, Challenges, and Policies, American Chemical Society. ISBN:" 9780841296695.

Dr. Shailesh Kumar Patidar

- Shah, F., Ranawat, B., Patel, V., Patidar, S. K., Thomas, R. M., & Mishra, S., (2024) Novel Approaches for Greener Synthesis of Extremozymes Using Agro/Food Waste Environmental Engineering and Waste Management: Recent Trends and Perspectives, Springer Nature.

Dr.D. Bhagawan

- Dheravath Bhagawan, Kavita Verma, Saritha Poodari, Pramod N. Kamble, Garima Kaushik, and Ritu Singh (2024) Lignocellulose Materials as a Potential Feedstock for Hydrogen Production. In Green Hydrogen Economy for Environmental Sustainability. Volume 2: Applications, Challenges, and Policies, American Chemical Society. ISBN: 9780841296695.
- Chaitanya Narala, D. Bhagawan, (2024) Challenges and opportunities in waste: Indian aspect, CRC Press-Taylor & Francis, ISBN: 9781003543176
- Jagriti Dadhwal, D. Bhagawan (2024) Resource Recovery From the Agro-Industrial Solid Waste Towards Sustainable Future, IGI Global. ISBN: 9798369385272.

Department of Management

Dr Avantika Singh

- Decoding the Key Principles of Business Sustainability from the Bhagavad Gita. In Tripathi, S.N., & Jain, N. People Centric Governance: An Indian Perspective. pp. 1-15. 2005. 978-93-6697-942-7. IIPA & Prints Publications, New Delhi.

Department of Mathematics

Dr. Vipul Kakkar

- Vipul Kakkar (2025). Zappa-Szep Product of Right addmisble groups, Algebra and its Application, ICAA-2023, Fez, Morocco, July 12–15, ISBN: 2194-1009.

Department of Microbiology

Prof. Pradeep Verma

- Joshi, S. R., Verma, P. *(Editor)*, & Banerjee, S, 2025, Mineral Transformation and Bioremediation by Geo-Microbes, Springer
- Kumar, V., *Verma, P, (Editor),* 2025, Biotechnological Advances in Industrial Waste Valorization, Springer

- *Verma, P., (Editor),* 2025, Biotechnology for Environmental Sustainability, Springer, 2024, Springer, Print ISBN: 978-981-97-7223-0 (In process).
- *Verma, P., (Editor), 2024,* Industrial Microbiology and Biotechnology: A New Horizon of the Microbial. Springer, Print ISBN: 978-981-97-6269-9.
- Kumar, V., Verma, P., Kumar, S., Bhat, S. A., Badruddin, I. A., & Atabani, A. E. (2025). Biolubricant production from waste: a new paradigm for environmental Sustainability, Biotechnological Applications in Industrial Waste Valorization, 227-270, Singapore: Springer Nature Singapore, ISBN 978-981-96-2302-0.
- Kumar, V., Sandil, S., & Verma, P. (2025). Biotechnological strategies for transforming pulp and paper industry waste into high-value products: a pathway for sustainable environmental management. Biotechnological Applications in Industrial Waste Valorization, 89-124, Singapore: Springer Nature Singapore, ISBN 978-981-96-2302-0.
- Deepshikha, Verma, P., Kumar, P., & Agrawal, K. (2025). Bioremediation of hydrocarbon-contaminated sites: a geomicrobiological approach. Mineral Transformation and Bioremediation by Geo-Microbes, 393-414, Singapore: Springer Nature Singapore, ISBN 978-981-96-3033-2.
- Aachhera, S., Tiwari, S., Verma, P., & Gahan, C. S. (2025). E-Waste recycling: a comprehensive review on metal recovery and the factors affecting bioleaching. Biotechnology for Environmental Sustainability, Springer Nature Singapore, 209-243. ISBN 978-981-97-7221-6.
- Tiwari, S., Aachhera, S., Verma, P., & Gahan, C. S. (2025). Bioremediation of E-waste: a sustainable approach. Biotechnology for Environmental Sustainability, 709-724, Springer Nature Singapore, 978-981-97-7221-6.
- Kumar, V., & Verma, P. (2025). Recent trends in biorefineries using pulp and paper effluents for bioenergy and value-added products formation. Biorefinery of Industrial Effluents for a Sustainable Circular Economy, 141-158. Elsevier. ISBN 978-0-443-21801-9.
- Kumar, V., Bhat, S. A., and Verma, P. (2025). Development of smart nanomaterials from tea waste and their applications: Recent advances, challenges, and perspectives. Smart Nanomaterials for Environmental Applications, 677-701. Elsevier, ISBN 978-0-443-21794-4.
- Deepshikha, Verma, P., & Agrawal, K. (2024). An overview of fungal enzymes in the generation of value-added product of industrial significance. Biotechnological Advances in Biorefinery, 61-84, Springer, Singapore, ISBN 978-981-97-5544-8.
- Sharma, S., Verma, P., Agrawal, K. (2024). Conceptual to technological reality: biorefineries using techno-economic and life cycle assessment models. Biotechnological Advances in Biorefinery, 309-349, Singapore: Springer Nature Singapore, ISBN 978-981-97-5544-8.
- Udaypal, Goswami R.K., and Verma, P. (2024). Decarbonization of biomass feedstocks with green hydrogen production: important with processes and end-products. Green Hydrogen Economy for Environmental Sustainability. Volume1:

Fundamentals and feedstocks, 199-218, ACS Symposium series. ACS Publication, ISBN 9780841296985.

Dr. Akhil Agrawal

- Mahajan, S., Tyagi, A., Prajapat, G., Agrawal, A. (2025). Advances in production related petroleum microbiology, Advances in Applied Microbiology, Academic Press, ISSN 0065-2164.
- Punchakara, A., Sunny, S., Agrawal, A. (2025). Cyanobacterial fatty acids: from biosynthesis to diverse applications, Advances in Applied Microbiology, Academic Press, ISSN 0065-2164.

Dr. Nidhi Pareek

- Kumari, R., Monika, Vivekanand, V., Pareek, N. (2025). Innovative approaches for the microbial production of carotenoids. Microbial Nutraceuticals: Products and Processes, 301-323, John Wiley & Sons Ltd, ISBN 9781394241538.
- Kumari, R., Vivekanand, V., Pareek, N. (2025). Chitin and chitosan derivatives and its nanocomposites: therapeutic applications. Biotechnological Advances in Chitin and Chitosan based Biocomposites, 173-195, Springer Nature Singapore, ISBN 978-981-96-6354-5.

Department of Pharmacy

Dr Kaisar Raza

- Raza K, Chaurawal N, Ajay P, Singh P, Shah S. Applications of nanotherapeutics and nanotheranostics in the management of various bacterial infections. InApplications of Nanotherapeutics and Nanotheranostics in Managing Infectious Diseases 2025 Jan 1 (pp. 307-338). Academic Press.
- Gupta N, Chaurawal N, Alhodieb FS, Barkat MA, Alanezi AA, Preet S, Raza K. Nanotheranostics: A Treasured Tailor for Disease Diagnosis and Treatment. In Nanotheranostics for Diagnosis and Therapy 2024 Jul 23 (pp. 15-47). Singapore: Springer Nature Singapore.
- Hirulkar R, Chaurawal N, Alhodieb FS, Barkat H, Preet S, Raza K. Nanotheranostics: clinical status, toxicity, regulatory consideration, and future prospects. InNanotheranostics for Diagnosis and Therapy 2024 Jul 23 (pp. 249-285). Singapore: Springer Nature Singapore.
- Shah S, Chaurawal N, Alhodieb FS, Barkat MA, Preet S, Raza K. Theranostics as a Novel Strategy for Targeted Delivery of Therapeutics: Transport and Fate Mechanism, Challenge, and Opportunities. In Nanotheranostics for Diagnosis and Therapy 2024 Jul 23 (pp. 49-77). Singapore: Springer Nature Singapore.

Dr. Umesh Gupta

- Vinay Kumar, Himani Singh, Sofiya Tarannum, Sanya Batheja, **Umesh Gupta**, and Amit Kumar Goyal **(2025)**. Chapter 6: Nanostructure-based Pulmonary Drug

Delivery Systems for Respiratory Infections. *Edited by* Rishi Paliwal and Shivani Rai Paliwal. CRC Press, Taylor & Francis. [ISBN: 978-1-003-13005-5]

- Pallem KL Siddhartha, Anjali Jain, Rakesh K. Sahoo, and **Umesh Gupta (2024)**. Chapter 29: Dendrimers as Controlled and Novel Drug Delivery System. *In* Advances in Controlled and Novel Drug Delivery Systems. *Edited by* NK Jain. CBS Publisher and Distributors.
- Vinay Kumar, Rakesh K. Sahoo, Sanya Batheja, and **Umesh Gupta (2024)**. Chapter 8: Potential of Dendrimers as a Nanocarrier for Brain Delivery. *In* Application of Nanocarriers in Brain Delivery of Therapeutics. 1st edition, *Edited by* Amit Alexander. Springer Nature Singapore Pte Ltd. 217-240 (ISBN: 978-981-97-2858-9)

Dr D Madhuri

- Kanaka Durga Devi, Anjana Male, Grandhi Surendra, D Madhuri Published a book entitled A Textbook of Pharmacy Law and Ethics in July 2024 with ISBN Number 978-81-972772-4-5 by Taurus Publishers.

Prof Amit Kumar Goyal

- Kumari P, Gupta U, Goyal AK. Niosomes. InProgress and Prospect of Nanocarriers 2024 Jan 1 (pp. 27-64). Academic Press.

- Das R, Goyal AK. Role and importance of hydroxyapatite in the healthcare sector. InIndustrial Applications of Nanoceramics 2024 Jan 1 (pp. 159-207). Elsevier.
- Sahu G, Kumari P, Goyal AK. Vaccines and sera. InMolecular Pharmaceutics and Nano Drug Delivery 2024 Jan 1 (pp. 15-62). Academic Press.

Department of Public Policy Law & Governance

Prof. Nagendra Ambedkar Sole

- Arya CS & Nagendra Ambedkar Sole m "Building Democracy Through Communities : Grass Root Level Adminstration In India" (Public Administration in Amirtkal).

Department of Social Work

Rajeev MM

- Securing India Rural Livelihoods: 'MGNREGS'- Experiences from the State of Kerala, India. Mahi Publications.

Department of Sports Bioscience

Dr. Shailendra Pratap Singh

- Cutting-Edge Applications of Neural System Engineering In The Treatment Of Neuromuscular Disorders.
- Futuristic Trends in Biotechnology Volume 3 Book 19 "2024.

Department of Sports Psychology

Dr. Guneet Inder Jit Kaur

- Nishada, R. K., & Kaur, G. I. J. (2024). From setback to comeback: The path of post-traumatic growth in sports. In W. Khan, P. Saini, A. Choudhary, & G. Kumari (Eds.), *Everyday psychology: Applying psychological insights in modern life* (p. 58). Walnut Publication. [ISBN: 978-935911296-1].

Department of Yoga

Prof. Sanjib Kumar Patra

- Khosla, R., & Patra, S. (2024). Neurobiology of Consciousness-Neuroscience and Ancient Perspectives. In Neuroscience of Yoga: Theory and Practice: Part II (pp. 275-291). Singapore: Springer Nature Singapore.
- Maity, K., Majumdar, V., Lal, P., Patra, S., Avti, P., & Kumar, K. (2024). Effect of Meditation on Neuropsychological Profile of Prisoners. In Neuroscience of Yoga: Theory and Practice: Part 1 (pp. 203-217). Singapore: Springer Nature Singapore.

Dr. Kashinath Metri

- Chopra, R., Tripathi, S. S., Sanal, R., & Metri, K. G. (2025). Well-Being and Quality of Life Through Yoga: Rethinking Our Notions of Happiness. In Yoga and Meditation (pp. 31-59). Apple Academic Press.

Extramural Funded Projects

The Central University of Rajasthan is operating the following 111 research projects during the academic year 2024-2025 in its various departments. These extramural projects have been funded by various funding agencies from India as well as from foreign countries such as Department of Science & Technology, University Grant Commission, Department of Biotechnology, Council of Scientific & Industrial Research, Inter University Accelerator Centre, Indian Council of Social Science Research, Ministry of Water Resources, Asia-Pacific Network for Global Change Research (Japan). More details about the ongoing research projects are following:

School of Earth Sciences

Department of Atmospheric Sciences

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Devesh Sharma			
Actionable Research on Circulating and Ecological Sphere (CES) Model Development in Ajmer	3,87,542/-	01.12.2024 to 31.12.2025	IGES-Japan
Dr. Chinmay Mallik			
Regional Characterization of Atmospheric Aerosols from selected distinct locations of India	20,00,000/-	10.01.2025 to 31.03.2026	ISRO-GBP: ARFI

Department of Environmental Science

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Shailesh Kumar Patidar, PI & Dr. Dipak Gayen, Co-PI			
Understanding algal microbiome compositions, functional genomic traits and allelochemicals interactions in polyalgal and mono-algal cultures of	65,96,080/-	28.04.2025 to 27.04.2028	DBT

suitable synthetic ecology models for biofuel production			
Dr. Bhagawan D			
Selective Recovery of Lithium from the Bauxite residue, Coal mine waste and Geo-thermal brine for the production of lithium carbonate using a Novel Ion Sieve Method: A Sustainable development	48,28,080/-	25.06.2025 to 24.06.2025	ANRF/ PMECRG

School of Life Sciences

Department of Biochemistry

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Dipak Gayen			
Development of Genome Edited Nitrogen Use Efficient lines with Improved Nutritional Quality for Sustainable Agriculture	61,70,080/-	25.04.2025 to 24.04.2028	DBT

Department of Biotechnology

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Khem Raj Meena			
Exploring microflora of pushkar lake and its clinical significance	13,00,000/-	18.02.2025 to 17.02.2027	DST-Rajasthan

Department of Microbiology

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency

Dr. Akhil Agarwal (Mentor), Dr. K. Malabika Singha (DBT-RA-I)			
Role of potential rhizobacteria on wheat plant growth and its effect on the rhizosphere microbiome under abiotic stress conditions	17,42,560/-	05.12.2024 to 04.12.2026	DBT/RCB
Prof. Pradeep Verma (Mentor), Dr. Vineet Kumar (DBT-RA-I)			
Two-stage sequential system using biofilm-forming hydrocarbon clastic bacteria and constructed wetland-microbial fuel cells for treatment of microplastics polluted textile wastewater and bioelectricity generation	17,42,560/-	09.12.2024 to 08.12.2026	DBT
Prof. Pradeep Verma			
Modulating bio-photolytic pathways and integrating one-step Mult enzymatic pre-treatment of fermentative biomass in microalgal system for enhance hydrogen production	88,39,080/-	28.04.2025 to 27.04.2028	DBT

School of Chemical Sciences and Pharmacy

Department of Chemistry

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Anuj Kumar Sharma (Mentor), Dr. Kamal Nayan Sharma, (PI)			
Ruthenium Complexes of Novel Pincer Ligands in Developing Efficient Greener Catalytic Approach for Small Molecule Activations	18,30,000/-	16.08.2024 to 15.08.2027	SERB/ANRF

School of Mathematics, Statistics and Computational Sciences

Department of Data Science & Analytics

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Vidyottama Jain (Mentor), Dr. Santosh Shekhawat (PI)			
A systematic study of Indian Iron and Steel (I and S) industry and mathematical modelling for its sustainable supply chain	38,24,552/-	04.06.2025 to 03.06.2028	DST

School of Social Sciences

Department of Economics

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Suresh Kumar Patra			
Evaluation of the Jal Jeevan Mission (JJM) in Enhancing Community Health and Economic Prosperity: An Empirical Study of Selected Indian States	10,00,000/-	01.01.2025 to 31.12.2025	ICSSR
Dr. Hemlata Manglani			
Restoration of Sustainable Livelihood through Non-Timber Forest Products (NTFPs) in Southern Rajasthan, India	7,00,000/-	19.03.2025 to 18.03.2027	ICSSR

School of Commerce and Management

Department of Commerce

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Ramulu Bhukya (Co-PI)			

The Role of the Jal Jeevan Mission in Enhancing Socio-Economic Well-being: A Focus on Scheduled Castes (SCs) and Scheduled Tribes (STs) in Andhra Pradesh	8,00,000/-	01.01.2025 to 31.12.2025	ICSSR
Dr. Priyanka Bhaskar			
Ethno-tourism Development through Tribal Knowledge System: A Mediating Approach for Economic Development of Indigenous Communities in Rajasthan	17,00,000/-	19.03.2025 to 18.03.2027	ICSSR

School of Humanities and Languages

Department of Linguistics

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Sharita Sharma			
Development of First Ever Indian Sign Language (ISL) Accessible Linguistic Glossary of Shrimad Bhagvad Gita Terms for Persons with Hearing Impairment (Divyangjan)	19,00,000/-	19.03.2025 to 18.03.2027	ICSSR

Department of Sports Bioscience

Name of the Faculty	Sanctioned Amount	Duration	Sponsoring Agency
Dr. Shailendra Pratap Singh (Co-PI)			
BIRAC e-YUVA Centre by BIRAC-Incubation and Entrepreneurship Development	26600000/-	2024	BIRAC,GoI

Thesis and Dissertations

The students in various departments of the University submit a dissertation/ thesis towards the completion of their postgraduate/ Ph.D. degree. This chapter contains the list of Ph.D., M.A., M.Arch., MBA, M.Com., M.Sc., M.Tech. dissertation and thesis completed by students under the guidance of their respective supervisors. The following list contains the details of the students' thesis and dissertations.

Ph.D. Thesis

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Ms. Arpita Goyal (2020PHDMBA002)	Management	Prof. Uma Sankar Mishra	Entrepreneurial Marketing in MSME: An Investigative Approach	08.07.2024
Ms.Nisha Kumari (2018PHDEVS003)	Environmental Science	Dr. Ritu Singh	Synthesis and Application of Magnetic Nanoparticles and Their Nanocomposites for Remediation of Emerging Contaminants	11.07.2024
Richa Rajora (2018PHDMT004)	Mathematics	Dr. Anand Kumar	SOME NUMERICAL INVESTIGATION OF FLOW FORMATION IN MAGNETOHYDRODYNAMICS	16.07.2024
Mr. Vishal Katekar (2019PHDPPLG05)	PPLG	Dr. Jeevan Kumar Cheruku	APPLICATION OF DIGITAL TECHNOLOGIES FOR SUSTAINABLE AGRICULTURE: A STUDY OF POLICY AND PRACTICES IN VIDARBHA REGION OF MAHARASHTRA	12.07.2024

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Ms. Priyanka Nehra (2015PHDCS02)	Computer Science	Dr. Nishtha Kesswani	Scheduling in Cloud Environment for Optimization of Resources	12.07.2024
Mr. Hemant Kumar Meena (2019PHDPH003)	Physics	Dr. Brijesh Kumar Singh	Controllable optical energy modulation in the high-order laser modes for laser beam shaping applications	15.07.2024
Ms. Manjeet Rani (2019PHDPH007)	Physics	Dr. Neeraj Panwar	Tuning the optical and photocatalytic properties of DyCrO3 rare-earth orthochromite for its photovoltaic applications	12.07.2024
Mr. Pulkit Gahlot (2019PHDMT008)	Mathematics	Dr. Ram Kishor	A STUDY OF STABLE MOTION OF SOLAR SAIL SPACECRAFT UNDER THE INFLUENCE OF PERTURBATIONS	18.07.2024
Mr.Rakesh Kumar Sahoo (2019PHDPHARM004)	Pharmacy	Dr. Umesh Gupta	Peptide Modified Dendrimer-based Drug Delivery Formulations for the Effective Management of Brain Tumo	26.07.2024
Mr.Narendra kumar Chandel (2019PHDPPLG02)	PPLG	Prof. S. Kandasamy	Changing Nature of Sexual Offences against Children in India - A Critical Legal Study with reference to Rajasthan State	03.08.2024
Mr.Omprakash Sharma	Pharmacy	Dr. Ruchi Malik	Design, Synthesis, and Biological Evaluation	07.08.2024

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
(2019PHDPHARM006)			of Molecules Targeting Kinase Cell Signaling Pathways	
Ms. Surabhi Bhatt (2018PHDCH005)	Chemistry	Dr. Anuj Kumar Sharma	Developing Versatile Ruthenium Systems for Catalytic and Anticancer Applications	12.08.2024
Mr.Akhilesh Yadav (2019PHDSTA002)	Statistics	Dr. Sanjay Kumar	IMPROVED TYPE ESTIMATORS OF POPULATION MODE UNDER DIFFERENT TYPES OF SAMPLING DESIGNS	14.08.2024
Mr.Sanjay Dan (2018PHDHINDI04)	Hindi	Prof. N. Lakshmi Aiyar	सूर्यकांत त्रिपाठी 'निराला' और सुब्रह्मण्य भारती के काव्य में राष्ट्रीय सांस्कृतिक चेतना	28.08.2024
Mr.Shubham Pandey (2020PHDCOM003)	Commerce	Prof. Praveen Sahu	An Analysis of Entrepreneurial Practices and Rural Development: A Study of Select Districts of Rajasthan	09.09.2024
Mr.Girish Aradhye (2020PHDSTA003)	Statistics	Dr. Deepesh Bhati	Contributions to the Generation of Probability Models with an Application to Insurance Datasets	23.09.2024
Ms. Hemlata Saini (2018PHDHINDI05)	Hindi	Prof. N. Lakshmi Aiyar	21 वीं सदी के हिंदी उपन्यासों में वृद्ध जीवन का यथार्थ (2001-2020 चयनित उपन्यास)	23.09.2024
Ms. Chandrika Mittal	Biotechnology	Dr. Jay Kant Yadav	Investigating the association-	27.09.2024

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
(2019PHDBT003)			dissociation behaviors of amyloid-like protein aggregates isolated from human cataract eye lens	
Mr.Ram Singh Jat (2018PHDCH003)	Chemistry	Dr. Bhanuchandra	Development of Some New Protocols for Expedient Synthesis of Diverse Heterocyclic and Carbocyclic Scaffolds	27.09.2024
Ms. Aarti (2018PHDCH001)	Chemistry	Dr. Thirumoorthi Ramalingam	Synthesis, Structural Characterization, and Applications of Organotellurium Derivatives	14.10.2024
Ms.Nitin (2019PHDMT006)	Mathematics	Prof. D.C. Sharma	A MATHEMATICAL STUDY OF QUEUEING MODELS WITH UNRELIABLE SERVERS, VACATION POLICIES, FEEDBACK CUSTOMERS, AND RE-SERVICE	14.10.2024
Mr. Manish Kumar (2017PHDES01)	Environmental Science	Prof. Rajesh Kumar (Supervisor) Dr. Alok Kumar (Joint Supervisor)	Biogeochemical Characterisation of Playas in the Arid and Semi-arid Region of Rajasthan	14.10.2024
Mr. Aditya Sharma (2019PHDATS001)	Atmospheric Science	Dr. Devesh Sharma	Application of Hydro-meteorological modelling system for simulation of streamflow in the Mahi River Basin	21.10.2024

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Priyank Goswami (2019PHDPPLG04)	PPLG	Dr. Gyan Ranjan Panda	URBAN DRINKING WATER MANAGEMENT AND GOVERNANCE: THE STUDY OF DRINKING WATER SERVICES IN JAMMU CITY	21.10.2024
Mr. Rahul Kumar Goswami (2019PHDMB10)	Microbiology	Prof. Pradeep Verma	Development of Low-Cost Cultivation System for Enhancement of Microalgal Biomass Production	24.10.2024
Mr. Rakesh Kumar Paul (2019PHDPHARM002)	Pharmacy	Dr. Kaiser Raza	Exploration of Indigenous Plant Extract(s) and the Subsequent Nanoformulations for the Management of Type II Diabetes Mellitus	24.10.2024
Ms. Shubhangi Soni (2019PHDHINDI03)	Hindi	Prof. N. Lakshmi Aiyar	21वीं सदी के महिला उपन्यास लेखन में विविध विमर्श के विशेष संदर्भ में (2001-2020 तक)	05.11.2024
Mr. Sachin Sharma (2018PHDCH004)	Chemistry	Dr. Easwar Srinivasan	Studies on the Reactions of Morita-Baylis-Hillman Adduct-Derived Activated Olefinic Compounds	08.11.2024
Ms. Shruti Gupta (2019PHDBC006)	Biochemistry	Dr. Kiran KumarTejavath	Design and synthesis of nanoformulation for the co-delivery of natural phytochemicals and chemotherapeutic drugs against pancreatic cancer	08.11.2024

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Ms.Parul (2019PHDSW002)	Social Work	Prof. Jagdish Jadhav	Constructing Gender Equitable Attitudes Among Adolescents in a School- Setting through Life Skills Education	11.11.2024
Ms.Pooja (2019PHDBC003)	Biochemistry	Prof. Chandi C. Mandal	DEVELOPMENT OF POTENTIAL STRATEGIES TO PREVENT THE TUMORIGENIC ACTIVITY OF DNA METHYLTRANSFERASE 1(DNMT1)	20.11.2024
Mr. Unashish Mondal (2019PHDATS003)	Atmospheric Science	Dr. Subrat Kumar Panda	Modelling and Simulation of Thunderstorms and Lightning over India using Weather Research and Forecasting (WRF) Model	21.11.2024
Ms. Sneha Soni (2019PHDBC007)	Biochemistry	Prof. Chandi C. Mandal	A study on the association of adipocytes with breast cancer cells for tumorigenesis	22.11.2024
Mr. Sheikh Suheel Meraj (2018PHDEN003)	English	Dr. Devendra Rankanwat	Representation of Kashmir in Select Post-Insurgency Fiction: A Comparative Study of Shahnaz Bashir, Mirza Waheed and Nitasha Kaul	26.11.2024
Ms.Monika Vishwakarma	Computer Science	Dr. Nishtha Kesswani	Automated and Robust Intrusion Detection	29.11.2024

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
(2019PHDCS002)			System in Internet of Things	
Mr.Omprakash Joshi (2018PHDCH002)	Chemistry	Dr. Chandrakanta Dash	Synthesis of Biological Relevant Heterocycles Using Transition Metal Based Catalysts	29.11.2024
Ms. Shatakshi Tiwari (2019PHDMB12)	Microbiology	Prof. Pradeep Verma (Supervisor) Prof. Chandra Sekhar Gahan (Joint Supervisor)	MICROBIAL FERROUS OXIDATION AND BIOSORPTION KINETICS STUDY WITH VARIABLE ANIONS AND THEIR COUNTER CATIONS	09.12.2024
Ms. Sugandha Aachhera (2019PHDMB13)	Microbiology	Prof. Pradeep Verma (Supervisor) Prof. Chandra Sekhar Gahan (Joint Supervisor)	INTEGRATED APPROACH OF BIOLEACHING AND BIOSORPTION OF METAL VALUES FROM MINERAL RESOURCES	10.12.2024
Mr. Shainky Ruhela (2019PHDMT010)	Mathematics	Dr. Vijay Kumar Yadav	ON ALGEBRAIC, TOPOLOGICAL AND CATEGORICAL STUDY OF FUZZY MULTISET FINITE AUTOMATA AND LANGUAGES	12.12.2024
Mr. Vinay Kumar (2019PHDPHARM003)	Pharmacy	Dr. Umesh Gupta	Ligand Anchored Dendrimer Nanoconstructs for the Effective Delivery of Bioactives to Brain	19.12.2024
Mr. Sujeet Singh (2019PHDBT012)	Biotechnology	Dr. Tarun Kumar Bhatt	PLANT-DERIVED NANOPARTICLES FOR	19.12.2024

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
		(Supervisor) Dr. Surendra Nimesh (Joint Supervisor)	MALARIA TREATMENT	
Ms. Priya Rajput (2019PHDSW004)	Social Work	Prof. Jagdish Jadhav	Climate Change and Livelihood Adaptations among Gujjar and Bakarwal Tribes of Rajouri District in Jammu Region	20.12.2024
Ms. Deepti Singh (2020PHDCOM002)	Commerce	Dr. Neha Seth	PERFORMANCE ANALYSIS AND VOLATILITY INTERDEPENDENCIES : AN EMPIRICAL ANALYSIS OF SELECT DEVELOPED AND EMERGING SUSTAINABLE STOCK INDICES	26.12.2024
Ms. Charu Misra (2019PHDPHARM01)	Pharmacy	Dr. Kaiser Raza	Nanocarriers-based Delivery of Anticancer Agents for the Management of Breast Cancer	27.12.2024
Mr. Abhinav Kumar Khorwal (2019PHDPH001)	Physics	Dr. Ajit K. Patra	Physical Properties of Mn-based Full Heusler Alloys	06.01.2025
Mr. Mrutyunjaya sahoo (2019PHDCOM001)	Commerce	Prof. Praveen Sahu	An Analytical Study of National Output, Employment, and Foreign Trade of India: Evidence from the Structure of	10.01.2025

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
			Manufacturing Industry Sector	
Ms. Sonika (2020PHDEC004)	Economics	Dr. Pragati Jain	AN EMPIRICAL ANALYSIS OF THE INTERLINKAGES BETWEEN WATER SUSTAINABILITY AND MULTIDIMENSIONAL POVERTY IN INDIA	10.01.2025
Mr. Santroop Tanwar (2019PHDCOM004)	Commerce	Prof. Praveen Sahu	Antecedents of Trust in Affiliate Marketing: A Study of Consumers' Behavior in Travel Industry	15.01.2025
Ms. Apporva Singh (2019PHDEN001)	English	Dr. Bhumika Sharma	THEMATIC AND NARRATOLOGICAL PATTERNS IN THE 21st CENTURY RETELLING(S) OF RAMAYANA: A SELECT STUDY	15.01.2025
Mr. Mehul Agarwal (2020PHDCMS002)	CMS	Dr. Pranta Pratik Patnaik	Mediated Masculinities: Production and Representation in Hindi Soap Operas	21.01.2025
Ms. Kavita Sharma (2019PHDHINDI01)	Hindi	Dr. Suresh Rathore	राजस्थान के हिन्दी ऐतिहासिक उपन्यासों का समाजशास्त्रीय अध्ययन (2001 से 2020 तक के विशेष सन्दर्भ में)	23.01.2025
Ms. Renu Kumari (2019PHDPH009)	Physics	Dr. Sandeep Kumar	Nanostructure-Based Memristive Devices for Artificial Synaptic Characteristics	07.02.2025

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Ravi Raj Choudhary (2021PHDCS003)	Computer Science	Prof. Mamta Rani	Abnormality detection in heart sound signals using machine and deep learning technique	07.02.2025
Mr. Ravi Saharan (2021PHDCS004)	Computer Science	Dr. Nishtha Kesswani	Crowd Side Estimation using Image Processing	10.02.2025
Mr. Bhavesh Pant (2020PHDPH003)	Physics	Dr. Brijesh Kumar Singh	Study the characteristics of cylindrical vector laser beams for the generation of tunable structured focal spots and their applications in super-resolution imaging	10.02.2025
Ms. Aditi Kumari (2019PHDSTA001)	Statastics	Dr. Deepesh Bhati	Contributions to Goodness-of-Fit Tests of the One-Sided Levy Distribution based on the Characterisations and Asymptotic Properties of Estimators	10.02.2025
Ms. Saba Gulnaz (2018PHDEC002)	Economics	Dr. Hemlata Manglani	Regional Integration of Indian Trade with ASEAN Countries: An Analysis of Bilateral Trade Relations Using Gravity Model	10.02.2025
Mr. Prachi Prajna Dash (2019PHDMT007)	Mathematics	Prof. Jugal Kishore Prajapat	Geometric Properties on Certain Univalent Functions and Special Functions	13.02.2025

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Sunny Verma (2019PHDMT011)	Mathematics	Dr. Vijay Kumar Yadav	GENERALIZED FUZZY AND ROUGH SETS BASED MODELS OF AUTOMATA AND DECISION MAKING TECHNIQUES	14.02.2025
Mr.Nitesh Kumawat (2018PHDMT008)	Mathematics	Dr. Jai Prakash Triipathi Joint-Superviosr(Prof. Amit Chakraborty)	A STUDY OF THE VIRAL AND TRANSMISSION DYNAMICS OF SARS-COV-2 AND ITS STRUCTURAL BIOINFORMATICS ANALYSIS	17.02.2025
Ms. Sheetal (2019PHDCOM005)	Commerce	Prof. Praveen Sahu	A STUDY ON ENTREPRENEURIAL ECOSYSTEM IN THE SURVIVAL OF STARTUP: WITH SPECIAL REFERENCE TO JAIPUR CITY OF RAJASTHAN	21.02.2025
Ms. Malika Acharya (2021PHDCS002)	Computer Science	Dr. Krishna Kumar Mohbey	CONTEXT-AWARE POINT OF INTEREST RECOMMENDATION OVER SPATIO-TEMPORAL FEATURES IN LOCATION-BASED SOCIAL NETWORK	24.02.2025
Mr.Ashish (2020PHDPH002)	Physics	Dr. Sukhmander Singh	Numerical Simulation of THz Generation by Laser Plasma Interaction	24.02.2025
Mr. Piyush Jhalani (2019PHDCOM003)	Commerce	Dr. Sanjay Kumar Patel	Environmental Taxation on Corporate Social Cost Externalities: A Tax	24.02.2025

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
			Policy for Negative Eco-Externalities	
Ms.Meenal Choudhary (2019PHDEN004)	English	Dr. Devendra Rankawat	Adaptation of the Mahabharata: A Study of Select Screen and Comic-Book Versions	25.02.2025
Ms. Taruna Meena (2020PHDPPLG008)	PPLG	Prof. S.N. Ambedkar	PUBLIC SERVICE DELIVERY THROUGH E-GOVERNANCE: A STUDY OF E-MITRA IN RAJASTHAN	25.02.2025
Mr.Ravindra Pratap Singh (2019PHDSTA009)	Statistics	Prof. Arvind Pandey	CONTRIBUTIONS TO THE LIFETIME DISTRIBUTIONS	03.03.2025
Ms.Aishwarya Gautam (2020PHDSW002)	Social Work	Dr. Subhasis Bhadra	DEVELOPMENT IN EARLY CHILDHOOD AMONG CHILDREN OF STIGMATIZED PARENTS ENGAGED IN RAG-PICKING	10.03.2025
Ms. Anjali Vashishth (2021PHDSBS004)	Sports Bio-Science	Dr. Neha Singh	EVALUATION AND PREDICTION OF ATHLETES' PERFORMANCE USING ARTIFICIAL INTELLIGENCE MODELS	11.03.2025
Ms.Richa Nagar (2019PHDHINDI02)	Hindi	Dr. Sandeep Ranbhirkar	21 वीं सदी के हिंदी उपन्यासों में मिथकीय चेतनास्त्री विमर्श के : विशेष सन्दर्भ में (2011 से 2020 तक)	21.03.2025

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Ashish Kumawat (2020PHDPPLG002)	PPLG	Prof. S. Kandasamy	Interstate Industrial Labour Migration and Its impact on Physical Security of Locals - A Study in Rajasthan State	24.03.2025
Ms. Mohar Chattopadhyay (2021PHDSBS003)	Sports Bio-Science	Dr. Sunil G. Purohit	Sports Performance Modelling in Combat Sports	08.04.2025
Ms. Divya Sharma (2019PHDPPLG01)	PPLG	Dr. Gyan Ranjan Panda	Gender and Climate Change: A Study of Adaptation Policy and Institutional Framework in Arid District of Rajasthan	17.04.2025
Mr.Raheem Khan (2019PHDCMS002)	Culture & Media Studies	Dr. Nicholas Lakra	A Critical Study on Minority Representation in Mainstream Media in India	21.04.2025
Ms. Kavya Nair K.S (2019PHDEN003)	English	Dr. Bhumika Sharma	Representation of Queer Adolescents in Select Indian Literary Narratives	29.04.2025
Ms. Megha Goyal (2020PHDPPLG005)	PPLG	Prof. S.N. Ambedkar	Gender Mainstreaming in Urban Governance: A Study of Woman Councillors of Ajmer Division in Rajasthan	29.04.2025
Mr. Ramjash (2020PHDMT004)	Mathematics	Dr. Vipul Kakkar	A STUDY OF NON-ASSOCIATIVE ALGEBRAIC STRUCTURES AND RELATED GROUPS	30.04.2025

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Mr. Rohit Kumar (2021PHDPH004)	Physics	Dr. Sukhmander Singh	Terahertz Radiation generation using nonlinear mixing Mechanism	23.05.2025
Mr. Venkateshwar Padhan (2021PHDEN010)	English	Prof. Sanjay Arora	Interrogating Reification, Alienation and Freedom in Select Novels of Aravind Adiga	30.05.2025
Ms. Tamisha (2020PHDEDU004)	Education	Dr. Narendra Kumar	A STUDY OF ACADEMIC BUOYANCY IN RELATION TO ACADEMIC SETBACKS AND ACADEMIC ACHIEVEMENT OF UNDERGRADUATE STUDENTS	02.06.2025
Ms.Shweta Malik (2019PHDBT010)	Biotechnology	Dr. Jay Kant Yadav	Assessment of aggregation propensities in milk proteins and defining their functional attributes	05.06.2025
Ms. Chhavi Choudhary (2019PHDBT004)	Biotechnology	Dr. Jayendra Nath Shukla	Identification and functional characterization of sex-specifically expressed genes in the red flour beetle (Tribolium castaneum)	05.06.2025
Ms. Saroj (2019PHDBC005)	Biochemistry	Dr. Vishvanath Tiwari	Investigation of Acinetobacter baumannii modulated autophagy for finding novel therapeutic strategies	16.06.2025

Candidate Name	Department	Research Supervisor(S)	Thesis Title	Date of Viva-Voce
Ms.Pratibha Pareek (2021PHDSTA002)	Statistics	Prof. Arvind Pandey (Supervisor) Dr. Mahendra Saha (J.Supervisor)	STUDY ON SOME PROBLEMS OF STATISTICAL QUALITY CONTROL	30.06.2025

(RS – Research Supervisor; JS – Joint Supervisor)

DISSERTATIONS (PG)

DEPARTMENT OF ARCHITECTURE

Candidate Name	Title of the Dissertation	Supervisor Name
ANUPAM SHARMA	"Evolution of Residential Design Strategies in Hot and Arid Regions of Western Rajasthan"	Ar. Ritu B. Rai & Ar. Mahesh Kumar
KRITIKA SINGH	Geospatial approach of Potential Groundwater Recharge Zones in Urban Landscapes: The Case of Jaipur and Bagru	Dr. Vivekanand Tiwari & Prof. Neeraj Gupta
NIKITA SAPATE	Decarbonisation of buildings: merging the use of machine learning, AI tools and Life cycle assessment tools	Ar. Ritu B. Rai

Department of Atmospheric Science

Candidate Name	Title of the Dissertation	Supervisor Name
AKLESH KUMAR NAYAK	Investigation of Atmospheric Ammonia over India: Source Attribution Analysis	Dr. Chinmay Mallik
AKSHARA N G	Impact of microwave humidity sounder data on the simulation of thunderstorm and lightning using 3DVAR data assimilation and Nudging Techniques of WRF-ARW model	Dr. Subrat Kumar Panda
ALFRED GENUWIN R S	Evaluating Dust Aerosol Events over Rajasthan Simulation, Validation and Climate Implications	Dr. Chinmay Mallik
ANJESH R R	Impact of Initial conditions and 3DVAR Assimilation of Lightning and Thunderstorm Events using WRF Model over three distinct Regions in India	Dr. Subrat Kumar Panda
ASWIN K	A COMPARATIVE STUDY OF HEC-HMS AND MACHINE LEARNING MODELS FOR STREAMFLOW PROJECTION AND EVALUATING CLIMATE CHANGE IMPACTS ON THE CHALIYAR RIVER BASIN, INDIA	Dr. Devesh Sharma
AWASHESH KUMAR DWIVEDI	Estimation of PM2.5 Concentration in Semi-arid regions of India using AOD and Meteorological Parameters	Dr. Jai Prakash
HARI SHANKAR PATEL	Analysis and evaluation of Radius of Maximum Wind over North Indian Ocean using Observation and Numerical Modelling	Dr. Jayanti Pal
MANU JANGID	Forecasting of Lightning Density over Northern Part of India using Machine Learning	Dr. Subrat Kumar Panda
PRIDHUI DEVI M S	Comparative Assessment of Hec-HMS, Machine Learning and Deep Learning Models for climate driven streamflow Projections in the Achankovil river basin, India	Dr. Devesh Sharma

PRITIRANJAN SINGH	Characteristics of black carbon aerosols at semi arid location in Rajasthan, India	Dr. Jai Prakash
RAJESH SINGH MOHAR	Study of cloud Characteristics and cloud climatology over Rajasthan	Dr. Chinmay Mallik

Department of Biochemistry

Candidate Name	Synopsis Title	Supervisor
GAURAV MISHRA	Study of antibacterial and antileishmanial properties of selected regional plant	Dr. Dhaneswar Prusty
HINAL BHATT	Investigation of molecular mechanism of sound frequencies on antimicrobial susceptibility against Acinetobacter baumannii	Dr. Vishvanath Tiwari
ISHA RAJ	Identification of dual-targeting hits against Plasmodium falciparum Heat Shock proteins and cloning, expression and purification of ATPase domain of HSP90 for validation	Dr. Dhaneswar Prusty
KARNIKA AMRAWAT	Differential expression and functional analysis of swim domain containing zinc finger protein	Prof. Chandi C Mandal
LAVINA TANWAR	Bio-inspired multifunctional guanine-derived carbon dots: fluorescent ink, antimicrobial and metal sensing	Dr. Dhaneswar Prusty
LISA RANI BISOYI	Screening of PGPR Traits and Thermo-Drought Tolerance in Rhizospheric Bacteria Isolated from the Semi-Arid Region of Dausa, Rajasthan.	Dr. Shiv Swaroop
MEETA GUPTA	Inhibition of plasmid conjugation in Escherichia coli by targeting TraH and TraU interaction	Dr. Vishvanath Tiwari
MONALISA DEWANGAN	Identification of dual targeting hit compounds against kinases of the mevalonate pathway of Leishmania Donovani	Dr. Dhaneswar Prusty
PALAK CHAUDHARY	Evaluating the role of hypoxia in modulating exosome biogenesis with the help of in-vitro and in-silico analysis	Dr. Bhawana Bissa
PANKAJ SEN	Identification of multitargeting hits against Leishmania donovani aminoacyl-tRNA	Dr. Dhaneswar Prusty

	synthetase, expression and purification Methionyl-tRNA synthetase	
RITIKA CHANDEL	Histidine-capped silver nanoparticles conjugated with computationally identified drug candidate and fluconazole for enhanced antifungal action	Dr. Hemant K Daima
RIYA	A study of calcium phosphate and calcium oxalate on lung cancer calcification	Prof. Chandi C Mandal
SAKSHI MEHTA	Zinc Finger Protein 28 (ZNF28) as a Novel Transcriptional Regulator in	Prof. Chandi C Mandal
SAKSHI RATHORE	Breast Cancer Progression	Dr. Shiv Swaroop
SHIWANI KUMARI	Understanding the starvation-induced changes in salivary exosome profile	Dr. Bhawana Bissa
SHREYA GHANGHAS	Development of CRISPR/Cas9 Construct Targeting OsBURP Gene for Drought Tolerance in Rice	Prof. Sanjib K Panda
SUMAN	Development of gold nanoparticles-based colorimetric assay for selective detection of metal ions	Dr. Hemant K Daima
SUNNY SHARMA	Sennoside B exhibits anti-cancer property in pancreatic cancer cells presumably by blocking PLPP4 function	Prof. Chandi C Mandal
VARIA	Microbiome Regulates NUE in Pearl Millet Under Drought Stress	Prof. Sanjib K Panda
VISHAKHA	GENOME-WIDE ANALYSIS AND CHARACTERIZATION OF OsMT2B GENE	Dr. Dipak Gayen
AKSHANSHIK KUMAR	Assessment of the role of PAL protein in immune response in A-549 cells against Acinetobacter baumannii,	Dr. Vishvanath Tiwari
DHARAVATH MITHU HARSHA	Exploring the Geodata set GSE53733 to identify differential expression genes in Glioblastoma patients	Dr. Bhawana Bissa
ABHIRAM R	Effect of bioinoculants throughout the plant maturation stage under drought stress in Vigna radiata and analysis of stress-activated genes.	Dr. Shiv Swaroop

ABHISHEK GAUTAM	Biochemical Studies of Iron Stress and Cotyledon Removal on Pigeonpea Seedling	Prof. Sanjib K Panda
ANJALI AGNIHOTRI	Exploring Tridax procumbens derived-Evs for drug loading and anticancer treatment	Dr. Bhawana Bissa
ANKITA MEENA	Cloning and protein expression of Cysteine Protease Gene of Chickpea	Dr. Dipak Gayen
GORREMUCHU MANEESHA	Curcumin-reduced antibiotic functionalized silver nanoparticles for enhanced antibacterial potential against Gram strains	Dr. Hemant K Daima
ISHA SONI	Assessment of antibiofilm activity of antibiotics against Acinetobacter baumannii and identification of its molecular targets	Dr. Vishvanath Tiwari
KALA MANICHANDANA	Influence of oncogene ZNF 726 on glycolysis and mitochondrial activity	Prof. Chandi C Mandal
MEENAKSHI KUMARI	Cloning and Characterization of Aldehyde Reductase Gene of Chickpea (Cicer arietinum L.)	Dr. Dipak Gayen
NAVDEEP CHOUDHARY	Cloning and overexpression of amylase gene from haloalkaliphilic Salipaludibacillus sp. strain CUR1.	Dr. Shiv Swaroop
NEERAJ UNNIKRISHNAN	Molecular Cloning and characterization of ERD-14	Dr. Dipak Gayen
POOJA BIJARANIYAN	Genome-Wide Association Study and Phenotyping Evaluation of Aluminum Stress Tolerance in Rice Genotype	Prof. Sanjib K Panda
SIDDHANT	Plant secondary metabolites as a therapy agent against Carbapenem-Resistant Acinetobacter baumannii (CRAB)	Dr. Vishvanath Tiwari
SIDDHARTH JAIN	Assessment of antibacterial properties of Traditional medicinal plants of Rajasthan using in vitro and in silico methods	Dr. Dhaneswar Prusty
VIDYA R S	Influence of Gossypin on pancreatic cancer cell activity	Prof. Chandi C Mandal

Department of Biotechnology

Candidate Name	Title of the Dissertation	Supervisor Name
ARPITA KUMARI	In-silico and In-vivo cloning with Expression and purification of functional EWS-FLI1 protein using improved BacMam system	Prof. Pankaj Goyal
ASMITA SINGH	Green and Chemical synthesis Strategies for the Optimization of copper and silver nanoparticles	Dr. Surendra Nimesh
CHETANA	Dissecting the contribution of Apoptosis and autophagy in PVC induced death in *Spodoptera frugiperda*	Dr. Jayendra Nath Shukla
DEVIPRASAD RATH	A Comparative Study on the Structural Fold Stability of SUMO (Small Ubiquitin-Like Modifier) Protein Family Members Using Biophysical and Computational Approaches	Dr. Gajendra Singh
JYOTI MEENA	Development of in-vivo system for studying SUMOylation of PAI-1	Prof. Pankaj Goyal
KAMALPREET KAUR	Morphological and Molecular Characterization of Biofilm Formation in Bacillus subtilis and Arid Region Isolate J-35	Dr. Janmejay Pandey
KARAN JOSHI	Recombinant Expression and Purification of Alpha-Synuclein Followed By Computational Design of Targeted Inhibitors	Dr. Gajendra Singh
MUKUL KUMAR SWAMI	Analysing structural variation in ubiquitin-conjugating enzymes and investigating the role of the UBA domain in polyubiquitin chain formation	Dr. Gajendra Singh
NIKITA SHARMA	Investigating the biophysical stability of amyloid-like protein aggregates in Speckled kidney bean seeds (Phaseolus vulgaris)	Dr. Jay Kant Yadav
RITU ALWANI	Isolation and characterisation of plastic degrading microbes from landfills and gut of insect Spodoptera frugiperda	Dr. Janmejay Pandey
RITU BHALOTHIA	Standardization of salivary exosome isolation from *Spodoptera frugiperda* and its characterization	Dr. Jayendra Nath Shukla

Candidate Name	Title of the Dissertation	Supervisor Name
VANSHIKA GOYAL	Development of Vigna radiata bioinoculant for its sustainable agriculture in desert	Dr. Akhil Agrawal
SWATI	Comparative study of green and chemically synthesized silver nanoparticles: evaluation of antibacterial and antioxidant potential	Dr. Surendra Nimesh
AARYA VERMA	Studies related to biochemical and molecular characterization of chemical analogs of Furanone C-30 for potential inhibition of quorumsensing in P. aeruginosa in P. aeruginosa	Dr. Janmejay Pandey
AASHI SONI	Crosstalk between Circadian Rhythm and Exosome pathway in Glioblastoma	Dr. Bhawana Bissa
ABHIRAJ MUKHERJEE	Green -synthesized Copper oxided microparticles for Enhanced Petrol Biodegradation by Hydrocarbon - Degrading Bacteria	Dr. Surendra Nimesh
ADITI SHARMA	Design CRISPR/Cas9 contructs targeting the ANK 1 Gene to transfer Tobamovirus resistance in solanum lycopersicum via Agrobacterikum mediated stable transformation	Prof. Gajanan B. Zore
DATTATRAY PAWAR	Understanding the roles of selected host factors to develop a potent strategy for virus resistance in tomato using CRISPR Cas 9 genome editing tool	Prof. Gajanan B. Zore
DIVYA	Design and Evaluation of CRISPR contructs for ANK Gene Editing using Agroinfiltration to Develop Virus -Resistant Tamato (solanum lycopersicum) Cultivars	Prof. Gajanan B. Zore
HIMANSHI	Extraction and Characterization of Mycosporine-like Amino Acids (MAAs) from Desmonostoc species	Dr. Akhil Agrawal
NITYA SHARMA	Identification and Functional Validation of the SlNAC1 Binding Site for TYLCV REn Protein in Tomato	Prof. Gajanan B. Zore
SHEETAL CHAUHAN	Sortase dependent bioconjugation od plasminogen acivator inhibitor-1 for studing its intracellular transport	Prof. Pankaj Goyal

Candidate Name	Title of the Dissertation	Supervisor Name
SUPRIYA KUMARI	Development of PDIK1L Transgenic Cell Lines using CRISPR Cas9 tool	Prof. Pankaj Goyal
ABHIRAM P K	Deducing the role of Autophagy and apoptosis related genes on PVC induced diet in Spodoptera frugiperda - Fall armyworm	Dr. Jayendra Nath Shukla
ABHISHEK SWAMI	Investigation into the Amyloidogenic Propensity of the Proteome of Plasmodium falciparum	Dr. Tarun K. Bhatt
ASHA JANGIR	A Comparative Computational Approach To NRAS Wild-type And Mutants For Therapeutic Insights	Dr. Tarun K. Bhatt
BEAUTY PANDEY	Evidence of Amyloid-like aggregates in Vigna unguiculata in different developmental stages	Dr. Jay Kant Yadav
HRITIK KUMAR	Binding studies of PfCRT with Artemisinin Derivatives: A detailed computational approach	Dr. Tarun K. Bhatt
KESHU YADAV	An analysis of the Glutamicibactersp Glutamicibactersp. and its patterns of antibiotic resistance behavior with a focus on its ability to form biofilm	Dr. Khem Raj Meena
MARIYAM FARHIN	BSA Mediated Inhibition of Lysozyme Aggregation	Dr. Jay Kant Yadav
NEHA KUMARI	Molecular Modelling and Computational Study of MPXV A22R and I1L Proteins of Monkey Pox Virus	Dr. Tarun K. Bhatt
SANJU KUMARI	Characterization of phenotypic diversity and a study of antibiotic resistance in bacterial isolates from Ana Sagar Lake	Dr. Khem Raj Meena

Department of Chemistry

Candidate Name	Title of the Dissertation	Supervisor Name
Abhinav Kashyap Dwivedi	Novel Synthesis of Co-Ni Bimetallic Nanoparticles and Application of NiSe Nanoparticles in Water splitting electrocatalysis	Dr. Partha Roy

Candidate Name	Title of the Dissertation	Supervisor Name
Monu Choudhary	Catalytic Applications of Nickel Telluride Nanoparticles in Quinoline Synthesis	Dr. Partha Roy
Kalpana Sharma	Synthesis and Study the Role of Ni_xSe_y Nanoparticles as Heterogeneous Catalyst in α-Alkylation of Acetophenone with Benzyl Alcohols	Dr. Partha Roy
Aaditya Verma	Synthesis of NiS Nanoparticles and Electrocatatalytic Applications of NiCo Bimetallic Nanoparticles	Dr. Partha Roy
Chaitanya Kumar Mehta	Surface Modification and Functionalization of Ni(0) and Ni-Co Bimetallic Nanoparticles	Dr. Partha Roy
Shivanshi Chaturvedi	Grafting Nickel/Nickel-Chalcogenide Nanoparticles upon Graphitic Carbon Nitride Nanosheet for Electrocatalytic Applications	Dr. Partha Roy
Mr. Lalit Mourya	Synthesis and Characterization of Ni(II) Complexes based on NNO Derived Pincer Ligands	Dr. Bhupendra Goswami
Ms. Priyanka Tanwar	Synthesis and Investigating the Catalytic Potential of Copper Complex with Chromone-Based Pincer Ligand	Dr. Bhupendra Goswami
Mr. Ashutosh Sahoo	Cobalt Complexation with New Chromone-Quinoline Ligands: Structural Characterization and Catalytic Activity	Dr. Bhupendra Goswami
Ms. Rainy Mehta	Exploring biological applications of chromone derivatives	Dr. Bhupendra Goswami
Ms. Najma Sherin V P	Synthesis, Characterization and Antibacterial Studies of Chromone-Derived Ligands	Dr. Bhupendra Goswami
Ms. Anshuldeep Yadav	Chromone-based pincer ligands and their metal complexes	Dr. Bhupendra Goswami
Ms. Bittu	Studies on the Synthesis of Biologically Significant Heterocyclic Scaffolds from Cyclic Dienamines	Dr. Easwar Srinivasan

Candidate Name	Title of the Dissertation	Supervisor Name
Mr. Devesh Chaturvedi	Synthesis of Chiral Tetrahydrochromenocarbazoles from cyclic Ketones via Borsche-Drechsel Cyclisation	Dr. Easwar Srinivasan
Mr. Akash Tiwari	Asymmetric dimerization of Isatin aldol adduct and dienamine	Dr. Easwar Srinivasan
Navdeep	Synthesis and Characterization of Biotinylated Ligands and their Ruthenium Metal Complex	Dr. Anuj Kumar Sharma
Krishna Sharma	Synthesis of Copper Complexes Having Hetero-atomic Bidentate Ligands	Dr. Anuj Kumar Sharma
Khushboo Gurjar	Synthesis of Mannich Bases of Selected Flavonoids as Multifunctional Agents for Alzheimer's Disease	Dr. Anuj Kumar Sharma
Devesh Saini	Synthesis and Characterisation of Ruthenium-Based Metal Complexes with Biotinylated Ligands	Dr. Anuj Kumar Sharma
Aishwarya Mehta	Design and Synthesis of Multifunctional Chelators and their Copper Complexes as Potential Anti-Alzheimer's Agents	Dr. Anuj Kumar Sharma
Anishka Sharma 2023MSCH002	Nanocomposite Based Electrochemical Sensor For Sensitive Detection of Caffeine and Nicotine	Dr. Pankaj Gupta
Kiran Pachar 2022IMSBCH030	Electrochemistry at the poly(melamine) and Graphitic Carbon Nitride Nano-film Surface	Dr. Pankaj Gupta
Kushal Bhuradiya 2022IMSBCH007	Disposable Graphitic Carbon Nitride Coated Screen Printed Carbon Electrode for Electrochemical Determination of Paracetamol in Whole Blood Sample	Dr. Pankaj Gupta
Manoj Kumar 2022IMSBCH010	One-Step Electrodeposited Nickel Hydroxide-Based Highly Sensitive Disposable Enzyme-Free Glucose Sensor	Dr. Pankaj Gupta
Aditi Singh 2020IMSCH005	Electrocatalytic Properties of NiTe2 in Advancing Hydrogen Evolution Catalysis	Dr. Pankaj Gupta

Candidate Name	Title of the Dissertation	Supervisor Name
Mayank Shekhawat	Manganese(I) Complexes Catalyzed Dehydrogenative Annulation of 2-Arylimidazopyridines with Maleimides	Dr. Hemant Joshi
Megha Kumari	Palladium Pincer Complex of SeNS Tridentate Ligand as Catalyst for C-H Activation Reaction	Dr. Hemant Joshi
Tushar Parewa	Designing Palladium Pincer Complex of Tridentate SeNTe Ligand	Dr. Hemant Joshi
Anita Meena	Designing Nickel Complexes of NNE (E = S, Se, Te) Pincer type Ligands	Dr. Hemant Joshi
Satyendra Bahadur Singh	Designing SeNSe-Pd (II) Pincer Complex as Catalyst for Regioselective C-4 Arylation of Thiophene Derivatives	Dr. Hemant Joshi
Aastha Mina	Iodonium Ylides: An alternative carbene precursor in organic synthesis	Dr. Chandrakanta Dash
Manjeet Singh	Cobalt complex with N-heterocyclic carbene ligand: Synthesis and Characterization	Dr. Chandrakanta Dash
Yashika Soni	Synthesis of Cobalt Complex of Bis(pyrrolyl)pyridine ligand	Dr. Chandrakanta Dash
Mahima Manohar	Synthesis, Characterization and Catalytic activity of Zinc Complex	Dr. Chandrakanta Dash
Shruti Sharma	NNN-Schiff-base ligand supported cobalt-complexes: Synthesis and catalytic activity in C-H amination reaction	Dr. Chandrakanta Dash
Ajendra Kumar	Room temperature C-H bond alkynylation by merging cobalt and photocatalysis	Dr. Chandrakanta Dash

Candidate Name	Title of the Dissertation	Supervisor Name
Palak Solanki	Mechanism of Multiexciton generation in BODIPY derivatives	Dr. Rajagopala Reddy Seelam
Deepika Singh	Exploring the magnetic behavior and quantum coherence in Thio-verzadyl radical	Dr. Rajagopala Reddy Seelam
Suman Maruka	Theoretical Investigation of BN Substitution in Acridines : A pathway to singlet fission and TADF	Dr. Rajagopala Reddy Seelam
Shailesh Amat	Integrating Comutational Chemistry into Secondary School Lessons	Dr. Rajagopala Reddy Seelam
Rahul Mishra	Singlet-fission in AZA-BODIPY derrivatives	Dr. Rajagopala Reddy Seelam
Rajlakshmi Yadav	Photochromism in DAEs	Dr. Rajagopala Reddy Seelam

Department of Commerce

Candidate Name	Title of the Dissertation	Supervisor Name
Anandhu T	A Study on Consumer Behavior Towards Instant Food Products with Special Reference to Kozhikode District	Prof. Praveen Sahu
Ankush Raj	Measuring Customer Satisfaction: A Study of Private And Public Sector Banks	Prof. Praveen Sahu
Archana Kumari	Technology in HR: Understanding the Role of AI and Analytics In Modern Workforce Management	Dr. Priyanka Bhaskar
Ashraf Kathat	Financial Management Strategies and Their Influence on The Profitability of Small and Medium Businesses in Rajasthan	Dr. Shubham Pandey
Banothu Sathish	Fintech Security Ensuring Data Privacy and Fraud	Dr. Priyanka Bhaskar
Divya Choudhary	The Role of Neuromarketing in Sustainable Product Development: Understanding Consumer Behaviour for Eco-Friendly Innovation	Dr. Shubham Pandey

Inderjeet Yadav	The Role of Marketing Mix Elements in Shaping Customer Purchasing Choices for Children's Items	Prof. Praveen Sahu
Khushi Dadhich	Impact Of Covid-19 On Financial Statement of Pharmaceutical Companies In India	Dr. Priyanka Bhaskar
Krishan Murari	Jan Dhan Yojna and Financial Inclusion: Evaluating Its Role in Expanding Banking Access and Economic Participation in India	Dr. Shubham Pandey
Manisha Jakhiwal	The Economic Boom of Maha Kumbh: A Study on Tourism, Local Businesses and Infrastructure Development	Dr. Priyanka Bhaskar
Muhammed Shibin C	The Study of Product Packaging Impact on Consumer Buying Behaviour with Special Reference to Kozhikode District	Prof. Praveen Sahu
Neeraj Sharma	A Study of Factors Affecting Students' Motivation to Enroll in Central Universities of India	Prof. Praveen Sahu
Piyush Kumar	The Influence of Digital Payment on Consumer Behaviors and Small Business Performance. A Study on Adoption Rate, Security Concern and Transaction Efficiency	Dr. Shubham Pandey
Priya Kumari	Exploring The Impact of Psychological Theories on Entrepreneurial Success: An Empirical Study	Dr. Shubham Pandey
Ramnaresh Latiyal	Cointegration Analysis of Employment in Agriculture and Economic Growth: A Study of Indian Economy	Dr. Priyanka Bhaskar
Sandeep Biswal	Role of Demographics in Shaping Customer Adoption and Growth of Neo Banks	Dr. Shubham Pandey
Shriya Kumari	Impact Of Rbi's Monetary Policy on Economic Growth	Dr. Shubham Pandey
Tarun Saini	The Changing Work Enviroment in Higher Education: A Study on Remote Work, Productivity and Work – Life Balance	Dr. Shubham Pandey
Thanseeh Babu C	A Study On Savings And Investment Habit of Rural People in Calicut District	Prof. Praveen Sahu
Vandana Kumari	The Study of Green Marketing and Its Impact on Consumer Buying Behaviour. Analysis Among Generation Z Consumers	Prof. Praveen Sahu

Yerra Gopi	The Role of Banking Scector in Promoting Sustainable Development in India	Dr. Priyanka Bhaskar
Yusuf Mohideen K.	Acceptability of Codes: A Study Among Retailers in Malappuram Region	Prof. Praveen Sahu
Yogita Gangwal	A Comparative Study Of Hr Practices And Their Impact on Profitability Index: A Comparative Study of Toyota and Hyundai	Dr. Priyanka Bhaskar
Yuvraj Gour	A Study on Adoption, Consumer Perception And Satisfaction Towards Digital Banking In Morena District of Madhya Pradesh	Dr. Priyanka Bhaskar

Department of Computer Science and Engineering

Candidate Name	Title of the Dissertation	Supervisor Name
MAHIMA GAUR	Lightweight & Efficient Mechanism for Mutual Authentication of Devices in IoT-Fog Networks	Dr Muzzammil Hussain
PRIYANKA CHANDRA	Deep Learning Based Detection for Cross-Site Scripting Attack	Dr. Prakash Choudhary
SWATI	Construction of CVE-TTP Knowledge Graph using LLMs	Dr Basant Agarwal, Dr Ravi Saharan
VED PRAKASH	DDoS Mitigation using shuffling and redundancy based MTD approaches in cloud	Dr. Gaurav Somani
VIPUL BANSAL	Optimized Fixed-Point CORDIC Algorithm for Accurate and Power-Efficient Trigonometric Computation	Dr. Tarun Kumar

Department of Computer Science

Candidate Name	Title of the Dissertation	Supervisor Name
Akshay Sharma	*Real time chat Application and Chatbot Database Project for istart*	Dr. Ajay Indian
Akshita Rathore	Doctor's appointment slot booking system	Mr. Nitesh Kumar Jangid
Amit Kumar Rai	Blood group prediction using finger print patterns.	Mr. Ravi Raj Choudhary.
Amulya Kumar Padhan	AI-Powered Intelligent Data Extraction Systems in Logistics Operations	Dr. Krishna Kumar Mohbey
Bishu Kumar	Twittter Sentimental analysis using BERT+LSTM Model	Dr. Gaurav Meena
Deepika Choudhary	SMART project	Dr. Gaurav Meena
Donga Veera Bhavani	Federated Learning in Healthcare	Mr. Ravi Raj Choudhary
Harshika Jain	Multilingual Image captioning using deep learning with attention	Dr. Pawan Singh
Harshit Khetawat	Wanderwhirl : A Node.js - Powered Web App for Property Rental Management	Dr. Ajay Indian
Kirtan Saran	Sentiment analysis of Rajasthani language	Prof. Mamta Rani
Mudireddy Vaishnavi	Vehicle Detection and Counting	Prof. Mamta Rani
Pradeep Ranwa	Chatbot systems and asset management for the istart portal	Dr. Pawan Singh
Rishik Kurkiya	Enterprise Software Development and Maintenance using Java Spring Boot	Dr. Abhay Kumar Rai
Rupendra Singh Rathor	Wallmart Sales Prediction & Forecasting , Analysis using Power Bi Dashboard	Mr. Ravi Raj Choudhary
Shaik Abdul Ahad	AI within Mobile	Dr. Krishna Kumar Mohbey
Shubham Kumar	Seat Allocation Management System in doit&C	Dr. Gaurav Meena

Sunil Suwariya	Zoho-Based Business Automation at Seva LLP	Prof. Mamta Rani
Umakant Kunal	Student attendance management system using codeigniter 4	Dr. Abhay Kumar Rai
B CHANGSANG	News article topic classification	Dr. Krishna Kumar Mohbey
DIVYA GUPTA	Financial analytics dashboard	Dr. Pawan Singh
HARSHIT PANERI	Data analysis and business insights using Python	Dr. Gaurav Meena
JUHI CHAUDHARY	Research Contribution of top 20 NIRF ranked institutes	Dr. Abhay Kumar Rai
PREETI	Centred care	Dr. Ajay Indian
KUSHAGRA PARMAR	Content based Recommendation System	Dr. Abhay Kumar Rai
ROHIT JHAJHRIA	Python based data visualization, analysis and SEO optimization strategy for thematrixlabs	Mr. Nitesh Kumar Jangid
VIKAS TYAGI	Plant nutrition deficiency detection	Mr. Ravi Raj Choudhary

Department of Culture and Media Studies

Candidate Name	Title of the Dissertation	Supervisor Name
Ankita Yadav	Representation of Female Superheroes in “The Avengers” and “Avengers: End Game	Dr. Pranta Pratik Patnaik
Hambheer Singh	Indian stand-up comedy's use of political satire: An analysis of its function	Dr. Nicholas Lakra
Mohit Chauhan	Representation of Uttar Pradesh in Web Series: A Study of "Mirzapur" and "Raktanchal"	Dr. Neeru Prasad
Munna Kumar	Students' Behaviour Towards the Branding of University on LinkedIn & Facebook	Dr. Neeru Prasad
Shikha Kumari	A Comparative Study of Indian Series and K-Dramas: Understanding the Preferences of Indian Youth	Prof. Amitabh Srivastava
Sona Singh	Tackling health misinformation online: A case study of the Healthy Indian Project (THIP)	Dr. Anoop Kumar
Sonali Yadav	Youth, social media, and the changing landscape of news: Patterns of consumption, trust, and influence	Dr. Anoop Kumar
Thahsina PV	Directorial brilliance and societal resonance: Analyzing the cinematic journey of Basil Joseph	Dr. Anoop Kumar

Department of Data Science and Analytics

S. No.	Enrollment No.	Student Name	Title of the Dissertation/Thesis	External Guide	Internal Guide
1	2023MSBDA005	Bokka Charan Teja	Recommendation System	Dr. Venkateswara Rao Kagita, NIT Warangal	Dr. Subodh Kumar
2	2023MSBDA006	Ch. Vijay Nicolas	Python Developer	Mr. Karthik Verma, CEFAS IT Solutions	Dr. Subodh Kumar
3	2023MSBDA013	Md. Shahid afridi	Cancer prediction	Dr. Anoop Kumar	Dr. Pritpal Singh

				Tiwari, CUJ Haryana	
4	2023MSBDA015	Muhammed Adnan Nr	Business Analyst	Mr. Rasheed Nereth, LLD.	Dr. Subodh Kumar
5	2023MSBDA017	Rishita Maheshwari	Quality Analyst	Mrs. Neha Tailor, Mohaway Technologies LLP	Dr. Subodh Kumar
6	2023MSBDA020	Sandeep Kumar	Medical Imagery Segmentation	Dr. Sushil Kumar, NIT Kurukshetra	Dr. Pritpal Singh
7	2023MSBDA021	Shirsendu Das	Quantum Computing	Dr. Pritpal Singh, DSA, CUJ	Dr. Pritpal Singh
8	2023MSBDA003	Anushka Singh	Data Analyst	Mr. Digvijay Turker, Flipkart	Dr. Vidyotama Jain
9	2023MSBDA009	Harsh Prasad	Data Analyst	Mr. Satyam Kumar, Coredata Networks Private Limited	Dr. Vidyotama Jain
10	2023MSBDA024	Tadakamalla Jayashree	Recommendation System	Dr. Venkateswara Rao Kagita, NIT Warangal	Dr. Vidyotama Jain
11	2023MSBDA025	Vemula Sindhuja	Recommendation System	Dr. Venkateswara Rao Kagita, NIT Warangal	Dr. Vidyotama Jain

12	2023MSBDA002	Abu Ubaida Zafar	Data Analyst	Md Arif khan, Grape Unicorn	Dr. Nishtha Kesswani
13	2023MSBDA004	Ashish Verma	Medical Image Captioning	Dr. Bhavna Saini, DSA, Curaj	Dr. Bhavna Saini
14	2023MSBDA008	Fathimath Hasna P.	Sales & Data Analytics	Mr. Arshiaq salihu, AIJMANAC nutrition	Dr. Bhavna Saini
15	2023MSBDA011	Himanshu	Medical Imagery Segmentation	Dr. Sushil Kumar, NIT Kurukshetra	Dr. Nishtha Kesswani
16	2023MSBDA012	Kolluri David Calvin	Data Analyst	Mrs. Nissi K Mahala, Chrysalis HRD Pvt. Ltd.	Dr. Bhavna Saini
17	2023MSBDA019	Saara Gaur	Bacteria born infectious disease prediction	Prof. R.K Aggarawal, JNU	Dr. Bhavna Saini
18	2023MSBDA022	Sushant Kumar	Recommendation System	Mr. Akhilesh Gupta, Avago Information Systems	Dr. Nishtha Kesswani
19	2023MSBDA023	Swati Sharma	Data Analyst	Mr. Ravi Pathaniya, RJMD dynamic ltd.	Dr. Nishtha Kesswani

Department of Economics

Candidate Name	Title of the Dissertation	Supervisor Name
Kareena Poonia	Understanding of Cryptocurrencies Adoption and Investor Behaviour in India: A Study on Risk Perception and Regulatory Challenges	Dr. Hemlata Manglani

Candidate Name	Title of the Dissertation	Supervisor Name
Raju Tigga	Does Labor migration leads to sustainable development? An econometric analysis of emerging countries	Dr. Hemlata Manglani
Aryash Srivastava	Impact of SPS Measures on Indian Agricultural Exports: A Product-Destination level analysis with a focus on sustainable trade	Dr. Hemlata Manglani
Puneet Kumar Shukla	Digital Financial Inclusion, Environmental Sustainability and Economic Growth Nexus: A BRICS perspective	Dr. Hemlata Manglani
Lavina Khandelwal	Carbon Pricing, Carbon Emissions and Economic Growth: Empirical Evidence from selected developing countries	Dr. Hemlata Manglani
Athma N S	Digital Trade in services, Economic Growth, and Environmental Sustainability Nexus: Evidence from Global South	Dr. Hemlata Manglani
Jharana Behera	Deglobalization, Environmental Quality and Economic Growth in Manufacturing Sector: An Empirical Study on Emerging and OECD Nations	Dr. Hemlata Manglani
Blessy Joseph	Proposal of Modified Gender Development Index and Its impact on economic growth: an investigation of SAARC nations using system GMM approach	Dr. Hemlata Manglani
Ghanshyam Meghwal	Unveiling the impact of remittances and FDI on Economic Growth in SAARC Countries: A System GMM Approach	Dr. Hemlata Manglani
Palak	An Interplay of Financial Development with green economy or Doughnut Economy: An ARDL Approach	Dr. Hemlata Manglani
Ravindra Gelhot	Government Spending and Economic Growth: An Investigation of Emerging Countries	Dr. Hemlata Manglani
Sanju	The FDI-Carbon Intensity Relationship revisited: Testing the pollution Haven Hypothesis in Emerging Economies	Dr. Hemlata Manglani

Candidate Name	Title of the Dissertation	Supervisor Name
Urmila Bharti	ICT trade, Economic Growth and Environmental Sustainability Nexus: A PMG ARDL Approach for G-20 Nations	Dr. Hemlata Manglani
Arnav Sharma	Does Green Trade Openness Improve Environmental Quality? Evidence from the Environmental Kuznets Curve using a system GMM approach	Dr. Hemlata Manglani
Krishna Sankhla	Bilateral Trade Analysis with reference to SAARC Countries	Dr. Hemlata Manglani
Hitendra	Toward the Sustainable Development Goal 9: A Cross-Country Analysis	Dr. Hemlata Manglani
Johan Roy Paul	Impact of Overall Terms of Trade and Bilateral Terms of Trade on Economic Growth	Dr. Hemlata Manglani
Prince	Global North and Global South Economies: Towards Sustainable Development	Dr. Hemlata Manglani
Richa Kumari	Towards Sustainable Economic Growth: An Empirical Investigation and Review of Global and Local Climate Action	Dr. Hemlata Manglani
Aman Yadav	An empirical Analysis of Agriculture production and its Determinants in Haryana	Dr. Pragati Jain
Plaksha Bhardwaj	The Role of Climate Change and its effects on the Economies of Asian Nations	Dr. Pragati Jain
Aditya Kumar	Nexus between Women Empowerment and Financial Inclusion: Evidence from Asian Economies	Dr. Pragati Jain
Harsh Pareek	How does Tourism, Environmental Quality and Investment in an interconnected world affect growth: A Driscoll Kraay study in selected South Asian Nations	Dr. Pragati Jain

Candidate Name	Title of the Dissertation	Supervisor Name
Aniket Raj	Impact of Coal Mining on Health and Livelihood of Coal Mine Workers.	Dr. Pragati Jain
Sakshi Pandey	From bio fuels to Bio pellets : A Bibliometric and Economic Analysis of Biomass Co-firing for India's sustainable Energy Transition	Dr. Pragati Jain
Malavika J.	Assessing the Interlinkages between Climate Change, Food Prices and Deprivation: A Study of India	Dr. Pragati Jain
Dilip Kumar	Evaluating the Role of Mudra Loan Scheme in Promoting Women Entrepreneurship and Women Empowerment in Different Indian States	Dr. Pragati Jain
Budida Ravi Varma	Optimizing Public Expenditure in Indian Education: A DEA and MPI Analysis of Efficiency and Productivity Across Educational Levels, 2004-2020	Dr. Satyanarayan amurty Dogga
Yashi Sharma	Impact of Digital Payment System on Demand for Money in India	Dr. Satyanarayan amurty Dogga
Gun Joshi	Impact of FDI on Economic growth and Sectoral Development in India	Dr. Satyanarayan amurty Dogga
Vijay Raj	Impact Assessment of COVID-19 on Exchange Rate Volatility in India	Dr. Satyanarayan amurty Dogga
Syam B	Impact of COVID-19 on Interest Rate Dynamics in India	Dr. Satyanarayan amurty Dogga
Devadatthan K J	Demographic Dividend in India and Its Comparison with Other Economies	Dr. Satyanarayan amurty Dogga

Candidate Name	Title of the Dissertation	Supervisor Name
Mumal Shekhawat	Environmental Sustainability and Economic growth in BRICS Nations: An Empirical Analysis	Dr. Satyanarayan amurty Dogga
Hridhya Suresh	Impact of AI on Indian Economy	Dr. Satyanarayan amurty Dogga
Anjana C S	Exchange Rate Volatility and Capital Flight: Post Global Financial Crisis Assessment	Dr. Satyanarayan amurty Dogga
Fathima Rana T	Exchange Rate Volatility and Its Impact on India's International Trade	Dr. Satyanarayan amurty Dogga
Nandana C S	Rupee Depreciation and its Economic Consequences: Analyzing Inflation, Unemployment and Inequality in India	Dr. Satyanarayan amurty Dogga
Revant Sharma	Building an Integrated Assessment Model (IAM) to estimate Climate Change for India	Dr. Satyanarayan amurty Dogga
Vishal Raj	Digitalization and it impact on consumption pattern of Indian Households	Dr. Satyanarayan amurty Dogga
Alok Ranjan	Economic Growth Convergence and Club Dynamics Across Indian States	Dr. Satyanarayan amurty Dogga
Chinmoy Sarma	External Shocks and Resilience to Food Insecurity for Households in India	Dr. Satyanarayan amurty Dogga
Sachin Kumar Choubey	The role of artificial intelligence in shaping productivity and labbor markets	Dr. Ankur Jangir
Ayush Kumar	Cybersecurity challenges in digital banking era	Dr. Ankur Jangir
Satyam Kumar	The Gig economy in India: challenges and opportunities	Dr. Ankur Jangir

Candidate Name	Title of the Dissertation	Supervisor Name
Anshad C	A study on the influence of social media advertisement on consumer behaviour among college students	Dr. Ankur Jangir
Chandan Prabhat	An empirical investigation of the drivers of CO2 emissions in BRICS : The role of technology, Finance, Energy, and Natural Resources	Dr. Suresh Kumar Patra
Hardik Verma	Public investment in healthcare and its impact on economic growth	Dr. Suresh Kumar Patra
Krishn Kanhaiya Rauniyar	The Nonlinear Growth Impact of Remittances: A PSTR Approach Across Major Remittance-Dependent Economies	Dr. Suresh Kumar Patra
Rajiv Kant Yadav	Original Sin and Fiscal Policy: The Interplay of Rules and Foreign Currency Debt in Developing Nations	Dr. Suresh Kumar Patra
Shabeeb Maloof M	Analysing the Influence of Health Insurance on Household Financial Well-Being in Kerala	Dr. Suresh Kumar Patra
Shradha Srivastava	Assessing the Impact of Air Pollution on Health, Productivity, and Economic Well-being of Slum Dwellers in Delhi	Dr. Suresh Kumar Patra
Vinod Choudhary	Examining the impact of Fiscal Deficit,Economic Growth and Real Interest Rates on the Private Investment in India	Dr. Suresh Kumar Patra
Yukta Pareek	"Examining the determinants of gender disparities in education and economic outcomes with Special focus on deendwara gram panchayat, rajasthan"	Dr. Suresh Kumar Patra
ABHIJIT BEHERA	Cyclone Mortality Trends and Displacements in India: A Comparative Analysis of the Eastern and Western Coastal Regions	Dr. Suresh Kumar Patra
AYUSH SINGH LOHAN	Interrelationship Between Technology, Economic Growth and Inflation in India	Dr. Suresh Kumar Patra
GOPAL	Interrelationship Between Oil Price, Economic Growth and Inflation in India	Dr. Suresh Kumar Patra

Candidate Name	Title of the Dissertation	Supervisor Name
AMAN SEN	Fiscal Deficit And Its Implications on Macroeconomic Indicators In India	Dr. Suresh Kumar Patra
Kshitiz Kumar	Financial inclusion and its effects on bank stability in developing and developed nations	Dr. Suresh Kumar Patra
Pranzal Trivedi	An empirical analysis on Jobless Growth in India	Dr. Suresh Kumar Patra
Prem Sagar	Nexus Between Agricultural Productivity and Economic Growth In india	Dr. Suresh Kumar Patra
Shubham Farkya	Analysis of dynamic relationship between Energy consumption, Carbon Emissions and Economic Development in Emerging Nations	Dr. Suresh Kumar Patra
AYUSH KUMAR	Subsidies On Non-Renewable Energy (Fossil Fuels) v/s Renewable Energy: A Comparative Economic Impact Analysis in India.	Dr. Suresh Kumar Patra
Adwaith A P	A Panel Data Analysis of Environmental Tax, Carbon Emissions and Carbon Neutrality: A Study of G7 Countries	Dr. Suresh Kumar Patra
Malkeyat singh	The Interrelationship Between Investment, Interest Rates and Economic Growth in India	Dr. Suresh Kumar Patra
Aflah P	Consumer perception towards online food delivery in Kerala	Dr. Suresh Kumar Patra
Alitta Shibu	Exploring the Impact of Digital Payment Apps on Saving Behaviour and Financial Decision-Making Among Young Adults (18-35): The Role of Financial Literacy	Dr. Suresh Kumar Patra
DEVIKA AA	An Empirical Analysis on the impact of monetary policy on stock market volatility with a special reference to India	Dr. Suresh Kumar Patra

Department of English

Candidate Name	Title of the Dissertation	Supervisor Name
Ananya Ankita Sahoo	Exploring the Impact of Pandemic on Children with Special Reference to Paro Anand's Unmasked	Prof. Sanjay Arora
Ananya Rajouria	Tracing the Evolution of Indian English Songwriting of the 21st Century	Prof. Sanjay Arora
Anchal Choudhary	A Qualitative and Quantitative Analysis of the Writing Competance of Post Graduate Students in CURAJ	Prof. Sanjay Arora
Darshika Moondra	Gender, Identity and Representation: A Comparative Study of Select Postmodern Mythological Retellings Across Medium	Dr. Bhumika Sharma
Dushyant Bhandari	Psychological Impacts of Children's Literature on Emotional Development : A Study through Harry Potter Series	Dr. Bhumika Sharma
Fathima Nusaifa E	Historiography of Women's Heroism: A Comparative Study of Select Historical Narratives	Dr. Bhumika Sharma
Harshit Pareek	Popular Culture and the Making of Urban Bollywood Villains: A Study of Select Hindi Films	Dr. Bhumika Sharma
Haryashva Gour	Integrating Disabilities Sensitization in Middle School Curriculum: An Analysis of Inclusive Education Policies and Implementation in Select RBSE Schools	Dr. Neha Arora
Jatin Rani	Breaking the Barriers: Food as a Site of Dalit Identity and Resistance	Dr. Neha Arora
Kamal Kumawat	Caste, Gender, and Resistance: A Literary Analysis of Selected short stories of Ratan Kumar Sambhariya	Dr. Neha Arora
Manisha Rathore	Streaming Identities: Rise of Transgender Voices on Indian OTT Platforms	Dr. Neha Arora
Misna V	Narrative Innovations in Contemporary Indian English Novels: A Comparative Analysis of Salman	Dr. Devendra Rankawat

	Rushdie's Midnight's Children and Amitav Ghosh's The Circle of Reason	
Mushrat Bano	The Haunting Ghost of Caste in Indian Society: A study of Anand's Untouchable and Guthlee Directed by Ishrat R. khan	Dr. Devendra Rankawat
Nancy Tirkey	Retelling of Ramayana: A Comparative Analysis of Women's Narrative in Valmiki's Women by Anand Neelkantan and Women of Ramayana: The Untold Stories by Kunal Kaushal	Dr. Devendra Rankawat
Niloofar Sulthana C P	Tyranny of Relativity : A Conceptual Analysis of its Socio-Cultural Spin-Offs	Dr. Devendra Rankawat
Prerna Modi	Echoes of Mind: Studying Narratives of Mental Health through Select Texts of Jerry Pinto.	Dr. Ved Prakash
Sachin Kumar	Addressing the Complexities of Caste in the Select Short Stories of Baburao Bagul	Dr. Savita Andelwar
Sagar Meena	Bhil Tribe Relationship with Nature: A Study through Select Literary Texts	Dr. Savita Andelwar
Shraddha Nair	Beyond Panels and Pixels –A Critical Study of Transhumanism and Dystopia in Ghost in the Shell	Dr. Ved Prakash
Shri ram Choudhary	Addressing the Caste Conflict and Social Hierarchies in *The God of Small Things* by Arundhati Rao	Dr. Savita Andelwar

Department of Hindi

Candidate Name	Title of the Dissertation	Supervisor Name
GANESH RAM GURJAR	Renu Krit 'Maila Anchal Upanyas ka Samanya Adhyan	Dr. Shital Prasad Mahendra
HARSHIT YADAV	Rajesh Joshi Krit 'Do bhiwyakt Tatharth	Dr. Suresh Singh Rathore
ISHWAR LAL	Rinjal Dhanjal Reportaz ka Samvednatmak Adhyan	Dr. Shital Prasad Mahendra
KAVITA	RadheyShyam Kathawachak Krit 'Veer Abhimanyu' Natak mein Rashtriy Chetna	Dr. Suresh Singh Rathore

MUSKAN	Narendra Pundarik Krit 'In Hathon Ke Bina' Kavita Sangrah Mein Chitrit Yatharth	Dr. Akshansh Bhardwaj
PRAVEEN KUMAR	Vinod kumar Shukla krit 'Deewar mein Ek Khidki Rahati Thi' Upanyas ka Samany Adhyyan	Prof. N. Lakshmi Aiyar
RAHUL YADAV	Sanjeev krit 'Rah Gayi Dishayen Isi Paar' Upanyas Mein Samsamayik Chetna	Dr. Akshansh Bhardwaj
RAJNISH MALVIYA	Malwa Pradesh ke Vaihvahik Geet Gara aur Farsi ke Vishesh Sandarbh Mein	Dr. Suresh Singh Rathore
RAMGANIT KUMAR	Nasira Sharma Krit Alfa Beta Gamma Upanyas ka Vishleshnatmak Adhyan	Dr. Shital Prasad Mahendra
RASHMI KAMAL JANGIR	Madhu Kankariya Krit 'Dhalti Sanjh ka Suraj' Upanyas mein Abhiwyakt Yathrth	Dr. Suresh Singh Rathore
ROHIT KASUMRIYA	Ashok Vajpayi Krit 'Kahin 353ahin Wahi' Kavy Sangrah ka Vivechanatmak Adhyyn	Dr. Akshansh Bhardwaj
SATYAM RAI	21vin. Sadi Mein Shri Hanuman Chalisa ka Samajik ewam Sanskritik Pradey	Dr. Akshansh Bhardwaj
SUBHASH YADAV	Bhagwan Das Morwal Krit 'Kans' Upanyas mein Abhiwyakt Samsyaen	Dr. Suresh Singh Rathore
UJJWAL RAJ	Neelotpal Mrinal krit 'Aughad' Upanyas ke Samsamayik Sandarbh	Dr. Shital Prasad Mahendra
VISHAL GOUR	Shri Sanjeev krit'Faans' Upanyas: Ek Vivechan	Prof. N. Lakshmi Aiyar
YOGITA SEN	Smt. Nasira Sharma Krit 'Parijat' Upanyas: Ek Adhyyan	Prof. N. Lakshmi Aiyar

Department of Linguistics

Candidate Name	Title of the Dissertation	Supervisor Name
Aman Kumar Jyotishi	Borrowed Morphology: Influence of Sanskrit and English on Odia Word Formation	Dr Dhanapati Shougrakpam
Ansh Raj	A Comparative Study of Contemporary Syntax Generator Tools in Linguistic Analysis	Dr Dhanapati Shougrakpam
Gowtham Krishna P	Unequal Distribution of Digital Tools: A Comparative Analysis of Scheduled and Endangered Indian Languages	Dr Dhanapati Shougrakpam
Ahammed Anas A B	A Study on Morphological Varities of Kasragod	Dr Dhanapati Shougrakpam

Aman Kumar Jyotishi	Archaic Retention and Urban Simplification in Odisha and Bihar	Dr Dhanapati Shougrakpam
Ansh Raj	Graphical Syntax Tree Generator for Standardized Languages: Addressing Movement and Trace Visualization	Dr Dhanapati Shougrakpam
Gowtham Krishna P	Digital Malayalam: A Linguistic and Sociolinguistic Study of Manglish Usage	Dr Dhanapati Shougrakpam
Ahammed Anas A B	Semiotic Analysis of Product Packaging in Indian Markets	Dr Dhanapati Shougrakpam
Birina Banani Mahanta	Toys for Linguistic and Cognitive Development of Children with Autism	Dr Sharita Sharma
Jai Vardhan	Development of a Multilingual Questionnaire for Autism: Incorporating Indian Cultural Norms and Behaviors	Dr Sharita Sharma
Shivangi Malakar	A Comprehensive Study on Assessment Test of Dyslexia	Dr Sharita Sharma
Vyshnavi N P	Morphological Analysis of Indian Sign Language: Sign Classification	Dr Sharita Sharma
Birina Banani Mahanta	Cognates and Lexical Borrowings ISL, BSL and ASL	Dr Sharita Sharma
Jai Vardhan	A Meta-Analysis of Dyslexia Screening Tests: Evaluating their Applicability in the Indian Context	Dr Sharita Sharma
Shivangi Malakar	Decolonizing the discipline of Linguistics: Need for Integrating Indian Knowledge System into Curriculum Design of Linguistics	Dr Sharita Sharma
Vyshnavi N P	Language policy of India in the context of Indian Sign Language, Impact Analysis of Government initiatives (2015- March 2025)	Dr Sharita Sharma
Aashish	Issues and Challenges of Hindi Magahi Translation (A Case Study of Madhushala)	Dr Mahboob Zahid

Nikhil	Issues and Challenges of Artificial Intelligence (AI) Translation: English to Hindi	Dr Mahboob Zahid
Rayyan Abdurahman	A Comparative Linguistic Analysis of Language Education Policies in India, Germany, and Canada	Dr Mahboob Zahid
Aashish	Loss and Gain in Translation (A Case Study of Hindi-Magahi Translation of Madhushala)	Dr Mahboob Zahid
Nikhil	Neologism and Technology: A Study of Hindi-English Newly Coined Words in Bilingual Society	Dr Mahboob Zahid
Rayyan Abdurahman	Lexical Access, Language Dominance, and Educational Factors: A Study of Bilingualism in State and Private Schools in India	Dr Mahboob Zahid
Vaisakh Parameswaran N K	Language of the Law in Indian Legal System: A Survey among the stakeholders	Dr. Dhananjay Kumar Tiwari
Rahul Ranjan Mishra	Myths and Misconceptions of Language and Linguistics	Dr. Dhananjay Kumar Tiwari
Rajat Kumar	Forensic Linguistics an Investigative Sciences: Some case studies	Dr. Dhananjay Kumar Tiwari
Vaisakh Parameswaran N K	Forensic Linguistic Study of Suicide Notes with Special Reference to Indian Teenagers	Dr. Dhananjay Kumar Tiwari
Rahul Ranjan Mishra	Folklore of the Local Tongue Spreading Ecological Awareness with special Reference to Bhojpuri	Dr. Dhananjay Kumar Tiwari
Rajat Kumar	Investigating Language Crimes Through Forensic Linguistics	Dr. Dhananjay Kumar Tiwari

Department of Management

Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Kumar	Financial performance of five IT companies.	Dr. Sanjay Kumar
Anchal Sharma	Effect of artificial intelligence on human resource management.	Dr. Ramulu Bhukya

Ankit Pandey	The Impact of venture capital on economic development in India	Dr. Avantika Singh
Anurag Gangwar	Systematic review of literature on angel finance for start-ups.	Dr. Avantika Singh
Chandan Kumar	The effect of charm pricing on consumer purchase intent in E-commerce: A cross-demographic analysis	Dr. Avantika Singh
Chetan Yadav	Sustainable market of healthcare products.	Prof. U.S. Mishra
Diksha Singh	Post-IPO profitability and risk Assessment of indian startups: A Comparative study of zomato nykaa and policybazaar	Dr. Sanjay Kumar
Gaddameedhi Naresh	Applications of digital marketing among small and medium entreprises (SME) in Kishangarh Rajasthan	Dr. Ramulu Bhukya
Gaurav Kumar	Active pharmaceutical ingredient market in India.	Dr. Avantika Singh
Kriti	UPI in India.	Dr. Avantika Singh
MITHUN KUMAR	A comparative report on financial management and challenges faced by power generation project	Dr. Sanjay Kumar
MOHIT YADAV	Public awareness on solar facility.	Prof. U.S. Mishra
Muhammed Favas K	Growth and grassroots empowerment through events management in Kerala: A case study of kozhikode district	Dr. Tulsee Giri Goswami
PRANAW SHANKAR PANDEY	Biblometric analysis on reverse mortgage.	Dr. Sanjay Kumar
Prashant Pandey	Navigating the furture of social entreneurship: A critical analysis and trend mapping	Dr. Avantika Singh
RAHUL KUMAR	Impact of social media influencer on consumer buying Behaviour.	Dr. Ramulu Bhukya
Rahul Kushwah	Analysis of consumer's sustainable consumption behaviour.	Dr. Ramulu Bhukya
Rakesh Jitarwal	Role of Investment Banking in India.	Dr. Sanjay Kumar
Ronit Hareshbhai Sakhiya	Estimating profitability and efficiency dyanamics of Indian banks: A finanicals Econometric analysis of indian banking sector	Dr. Sanjay Kumar
Sahil Koundal	Comparative study on technical analysis and fundamentals of stock market.	Dr. Avantika Singh
SAKSHAM VERMA	Customer satisfaction towards fastrack watches.	Dr. Tulsee Giri Goswami
Santu Kumar	Marketing strategies for small scale farmers A case study of Rural India	Prof. U.S. Mishra
Sarvesh Nishad	Impact of artificial intelligence on project management.	Dr. Ramulu Bhukya
Saswati Roy	Mental Stress and psychological well being in police professionals.	Dr. Tulsee Giri Goswami
Satyarth tiwari	Understanding sustainable consumption behaivour: Towards a greener future.	Prof. U.S. Mishra
Sezal Garg	An Empirical study in Impact of business responsibility & sustainability reporting (BRSR) and ESG performance on stock return	Dr.Ramulu Bhukya
Shilpa Dayma	Social Marketing in Online Era	Dr. Ramulu Bhukya

Suryakant Singh	Impact of E-Banking on Costomer satisfacation	Prof. U.S. Mishra
Vikas Prajapat	A comparative study on the Performance and Forecasting of Nifty 50 Index (2021-2024)	Dr. Sanjay Kumar
Yogesh Sharma	Effect of digital marketing on consumer buying behaviour.	Dr. Tulsee Giri Goswami
Abhinav Dhaka	User experience and satisfaction with digital payments	Dr. Avantika Singh
Abhishake Singh	Green supply chain management in the construction industry in india	Dr. Avantika Singh
Alok Kumar Tirkey	A comprative study of thematic funds launched during the last three year	Dr. Sanjay Kumar
Ankit Raj	The impact of emotion on consumer buying behavior : an emprical study in fmcg sector	Prof. Uma Sankar Mishra
Asheesh Sharma	Investment analysis of sustainable tourism ventures in india : opportunities, challenges, and strategic insights	Dr. Ramulu Bhukya
Chanchal Kumari	Buying intension of green product in personal care industries	Prof. Uma Sankar Mishra
Daksh Sharma	Customer information satisfaction toward webpages : a comparative analysis between manufacturing and service sectors	Prof. Uma Sankar Mishra
Divyansh Maurya	Strategies for cometitive adcantage in destination marketing : a global perspective	Dr. Avantika Singh
Harshvardhan Sharma	COMPARATIVE ANALYSIS OF NON-PERFORMING ASSETS (npas) OF TOP BANKS -5 PUBLIC SECTOR AND 5 PRIVATE SECTOR	Dr. Sanjay Kumar
Krishna Saini	Impact of social media on consumer purchasing decision : an empirical study on personal care products	Prof. Uma Sankar Mishra
Nitesh Kumar	The impact of influencer marketing on consumer behaviour in travel and tourism industry	Dr. Avantika Singh
Palak Jain	A study on the impact of fintech revolution on the future banking opportunities and risks - hdfc bank ltd	Dr. Ramulu Bhukya
Pranay Mishra	Fostering inclusion : stratategies for promoting diversity and enhancing organizational performance	Dr.Tulsee Giri Goswami
Rajat Yadav	Impact of csr activities on stakeholder perception	Dr. Tulsee Giri Goswami
Rishi Nagi	A multi benefit framewark of sales promotion for consumer durable	Prof. Uma Sankar Mishra
Rupam Kumari	Comparative study of e-banking service by public and private sectors banks of india	Dr. Ramulu Bhukya
Shruti Mahato	A study of ipo performance in india: listing day gains and long-term excess returns	Dr. Ramulu Bhukya
Shruti Mishra	Bibliometric analysis on fintech innovation and sustainable development	Dr. Sanjay Kumar
Simran Rathore	A bibliometric analysis on impact of artificial intelligence on labor markrt	Dr. Sanjay Kumar
Suraj Rathod	A bibliometric analysis on mergers and acquisitions tactics and valuation strategies	Dr. Sanjay Kumar
Surbhi Sharma	Impact of ai on tourism industry	Dr. Ramulu Bhukya

Vikash Kumar	Impact of service quality on costomer loyality : an empirical study in telecom service sector	Prof. Uma Sankar Mishra
Vikash Kumar Pandey	An event study for insurance in the fdi limit in the insurance sector in the recent union budget 2025-2026	Dr. Sanjay Kumar
Ayush Shukla	Marketing strategies of dairy product with reference to amul	Dr. Avantika Singh
Gopika Geeresh	Examining the impact of work life balance and employee engagement on organizational effectiveness a studyt among hospital employees in the state of kerala	Dr. Tulsee Giri Goswami
Utkarsh Singh	The impact of celebrity branding on consumer behavior	Dr. Avantika Singh
Siddharth Kumar	A biblimetric analysis on green bonds and sustainavble development	Dr. Sanjay Kumar
Rajat Kashyap	Investor's perception in marketing investment decision	Prof. Uma Sankar Mishra

Department of Mathematics

Candidate Name	Title of the Dissertation	Supervisor Name
Aryan Khaineewal	Positivity-preserving finite difference WENO scheme for Ten-Moment equations	Dr. Asha Kumari Meena
Asaraf Sai	Magnetohydrodynamic (MHD) Modeling of Solar Flares	Dr. Anurag Shukla
Charanraj Jat	Operations Research	Dr. Sonali Thakur
Dharmesh Garawa	modeling the heliosphere intereaction with the interstellar medium	Dr. Anurag Shukla
Divyesh Akodiya	Gravitational collapse of molecular clouds	Dr. Anurag Shukla
Garima Choudhary	Laplace Transform	Dr. Anurag Shukla
Khushi	Laplace Transform	Dr. Anurag Shukla
Komal Kanwar Charan	Applications of Differential Calculus	Dr. Kamlesh Jangid

Candidate Name	Title of the Dissertation	Supervisor Name
Lavish Nagar	Operations Research (solving transportation problem by various methods and their comparison)	Dr. Sonali Thakur
Monu Meena	Operations Research	Dr. Sonali Thakur
Neeraj Jangir	Implementation of Ten-Moment Two-Fluid Plasma Partial Differential Equations in WENO Scheme.	Dr. Asha Kumari Meena
Nice Chetiwal	Modeling of Formation of Spiral Galaxies	Dr. Anurag Shukla
Nikita Choudhary	application of relation and functions	Dr. Vijay Kumar Yadav
Nishant Meena	Positivity-preserving finite difference WENO scheme for Ten-Moment equations	Dr. Asha Kumari Meena
Praveen Suthar	Implementation of Ten-Moment Two-Fluid Plasma Partial Differential Equations in WENO Scheme.	Dr. Asha Kumari Meena
Priyadarshini Rathore	Applications of Integral calculus	Dr. Kamlesh Jangid
Priyanka	Ring Theory	Dr. Vipul Kakkar
Priyanka Choudhary	Linear Algebra	Dr. Kamlesh Jangid
Rahul	Shock Wave Dynamics in Supernova Explosions	Dr. Anurag Shukla
Roshan Lal Yadav	Fluid Dynamics of Comet Tails in the Solar Wind	Dr. Anurag Shukla
Sakshi Sharma	Applications of Linear Algebra	Dr. Vijay Kumar Yadav
Shruti	Field Theory	Dr. Vipul Kakkar

Candidate Name	Title of the Dissertation	Supervisor Name
Tamanna Choudhary	Group Theory	Dr. Vipul Kakkar
Vikas Moond	On Group Theory and Its Applications	Dr. Vijay Kumar Yadav
Vivek Yadav	Positivity-preserving finite difference WENO scheme for Ten-Moment equations	Dr. Asha Kumari Meena
Tanvi Sharma	Applications of Matrices	Dr. Vijay Kumar Yadav
Akhil Kumar	Graph Theory	Dr. Kamlesh Jangid
Anil Sharma	Modeling and Performance Evaluation of Cloud Server Using Markovian Queues with F-policy, Downtime, and Repair Mechanisms	Dr. Sonali Thakur
Bairapogu Madiga Ramakrishna	Eigenvalues and eigenvectors of Laplacian with Neumann boundary condition	Dr. Somnath Gandal
Dashrath Dhakar	Queue analysis at ev charge statement with dual heterogeneous server's service suspension and adaptive repair	Dr. Sonali Thakur
Durgesh Verma	A critical review on study of bifurcation of prey - predator model with time delay and harvesting using fuzzy parameters	Dr. Vijay Kumar Yadav
Honey Bharia	Eigenvalues of the Laplacian with Dirichlet boundary condition	Dr. Somnath Gandal
Kapil Jangir	Mathematical study of mode 1 crack in functionaly graded material	Dr. Kamlesh jangid
Pooja Dukiya	MHD Flow of Oldroyd-B fluid over a stretching cylinder with Hall effect and variable thermal–concentration properties	Dr. Anand Kumar
Radhika Panchariya	Certain geometric properties of incomplete Gamma function and spherical Bessel function.	Prof. Jugal Kishore Prajapat

Candidate Name	Title of the Dissertation	Supervisor Name
Sachin Sharma	Eigenvalues of the Laplacian with Robin/mixed boundary condition	Dr. Somnath Gandal
Satyam Nehra	Mathematical study of mode 1 crack in functionaly graded material	Dr. Kamlesh Jangid
Vedika Sunda	Numerical investigation of Hall-Driven cross diffusion fluid flow past a stretching cylinder under thermal and chemical influences	Dr. Anand Kumar
Vishal Sherwal	Mathematical study of mode 1 crack in functionaly graded material	Dr. Kamlesh Jangid
Amit Kumar	Probabilistic Approaches in Rough Set: A review	Dr. Vijay Kumar Yadav
Anjali Faujdar	Different Models of Rough Sets	Dr. Vijay Kumar Yadav
Anuj Kumar Sharma	Review on high-order numerical schemes for blood flow model.	Dr. Asha Kumari Meena
Balram Dhaker	Entropy stable and well-balanced numerical scheme for hyperbolic balance laws	Dr. Asha Kumari Meena
Deepak Bugaliya	Perfect code and total perfect code of some graphs of finite groups	Dr. Vipul Kakkar
Harshit Awasthi	Modeling the role of carriers in spreading infection among vegetable plants	Dr. Jai Prakash Tripathi
Jitender Kildoliya	Dynamics of criminal propensity: A reaction-diffusion model with law enforcement and social media effects	Dr. Jai Prakash Tripathi
Kamal Kishor	On Topological Rough Space: A Review	Dr. Vijay Kumar Yadav
Leeladhar	A FCT limiter based finite difference numerical scheme for hyperbolic conservation laws.	Dr. Asha Kumari Meena

Candidate Name	Title of the Dissertation	Supervisor Name
Mahendra Prajapat	Thermal and fluid flow analysis in porous media: A differential transform method approach	Dr. Anand kumar
Manisha Meena	Applications of fractional calculus to blood alcohol level problem	Prof. Jugal Kishore Prajapat
Megha Patidar	Forbidden Subgraphs of Cyclic Subgroup Graphs of Finite Groups	Dr. Vipul Kakkar
Nayanshee Dadhich	A Comparative Overview of Classical Topology and Fuzzy Topology	Dr. Vijay Kumar Yadav
Priya	An Overview on Complex Fuzzy Groups and Complex Fuzzy Rings	Dr. Vijay Kumar Yadav
Rashmi Regar	Well balanced high-order numerical scheme for shear shallow water equations.	Dr. Asha Kumari Meena
Suresh Kumar Yadav	Conjugacy class graph and cyclic conjugacy class graph of some finite groups	Dr. Vipul Kakkar
Tanmay Saini	Dynamics of criminal propensity: A reaction-diffusion model with law enforcement and social media effects	Dr. Jai Prakash Tripathi
Umesh Choudhary	On Spectrum Topology of a Residuated Lattice: A Review	Dr. Vijay Kumar Yadav
Vikas Sharma	Divergence constraint preserving domain invariant numerical scheme for two-fluid plasma equations	Dr. Asha Kumari Meena
Asha Sharma	A flux globalization based well balanced AWENO scheme for Hyperbolic conservation law	Dr. Asha Kumari Meena
Abhishek Kumawat	Fractional residual power series method and Adomain decomposition method	Prof. Jugal Kishore Prajapat
Ajay	Sobolev spaces and the variational formulation of Dirichlet BVPs	Dr. Somnath Gandal

Candidate Name	Title of the Dissertation	Supervisor Name
Ankit	Anti-plane fracture mechanics analysis of a piezoelectric material layer with strain and electric field gradient effects	Dr. Kamlesh Jangid
Ankita Choudhary	Cattaneo–Christov heat flux effects on MHD Williamson fluid flow with Hall current, chemical reaction and thermal features over a stretching cylinder	Dr. Anand Kumar
Chankit Sharma	Certain geometric properties of the incomplete Beta function.	Prof. Jugal Kishore Prajapat
Deepak Gupta	Metric Dimension of Co-idempotent and Idempotent Graphs of Some Finite Rings	Dr. Vipul Kakkar
Dipesh Meena	Fuzzy Topological Spaces and Fuzzy Topological Groups : An Overview	Dr. Vijay Kumar Yadav
Gaurav Kumar Sharma	Construction of linear codes from incidence matrices of co-idempotent graph.	Dr. Vipul Kakkar
Jagriti Gupta	Analysis of buoyancy-induced bioconvective Casson fluid flow with Hall and magnetic field effects over a stretching cylinder	Dr. Anand Kumar
Jyotirmayee Meher	Topological indices of reduced power graph of some finite groups	Dr. Vipul Kakkar
Kedarnath Mohanta	Restricted three body problem	Dr. Ram Kishor
Manish Kumar Swami	Fuzzy Group and Fuzzy AG-group : A Review	Dr. Vijay Kumar Yadav
Manohar Bairwa	Nonlinear influence of double-diffusive convection under rotation and temperature modulation	Dr. Anand Kumar
Naman Kumawat	Neutrosophic Sets and their Applications in Decision-Making and Quality Assessment: A Review	Dr. Vijay Kumar Yadav
Nibedita Behera	Effect of Hall current and Darcy - Forchheimer drag on reactive flow with variable features	Dr. Anand Kumar

Candidate Name	Title of the Dissertation	Supervisor Name
Pradeep Kumar	Queueing theory	Dr. Sonali Thakur
Pradhumn Singh	Three Body Restricted Problem	Dr. Ram Kishor
Rajendra	Fracture mechanics	Dr. Kamlesh Jangid
Rakesh Yadav	Topological Aspects in Generalized Rough Sets: A Review	Dr. Vijay Kumar Yadav
Seema Kumari	Influence of thermal features and activation energy on MHD cross-diffusion flow under Hall current over a stretching surface	Dr. Anand Kumar
Shivani Chandravanshi	Certain geometric properties of Whittaker function	Prof. Jugal Kishore Prajapat
Suresh Kumar	Sobolev spaces and the variational formulation of Neumann BVPs	Dr. Somnath Gandal
Vishnu Kumar Pareek	Normal Subgroup Based Commuting Graph of Finite Groups	Dr. Vipul Kakkar
Neelam Kanwar	Darcy–Forchheimer model of tangent hyperbolic fluid flow across a bi-directional riga sensor with gyrotactic microorganisms and bimolecular reaction	Dr. Anand Kumar
Vinod Kumar	Queueing theory	Dr. Sonali Thakur
Md Hassan Ashraf	Locally Compact Topological Group and Locally Compact Fuzzy Topological Group: A Review	Dr. Vijay Kumar Yadav
Ajay Kumar	Queueing system with hybrid vacation policies : modeling , analysis and application	Dr. Sonali Thakur
Moksh Dariya	Numerical study of Maxwell fluid flow over a stretching cylinder with Hall effects, thermal variations, and higher-order chemical reactions	Dr. Anand Kuamr

Candidate Name	Title of the Dissertation	Supervisor Name
Vishal Kalal	Restricted three body problem	Dr. Ram Kishor

Department of Microbiology

Candidate name	Title of the dissertation	Supervisor name
Mr. Anjan Karmakar (2020IMSMB003)	Decolorization and toxicity reduction of malachite green dye by vertical flow-constructed wetland planted with *Canna indica* L	Prof. Pradeep Verma
Ms. Priya Sharma (2020IMSMB018)	Production of value-added compounds from *Chlorella vulgaris* BDGUG003 using sewage wastewater	Prof. Pradeep Verma
Ms. Asritha AP (2020IMSMB004)	Targeting NorA-mediated drug resistance in *Staphylococcus epidermidis*: computational and experimental evaluation of natural efflux pump inhibitors	Prof. Inshad Ali Khan
Mr. Sahal Bin Saleem CP (2020IMSMB020)	Computational and experimental evaluation of natural compounds targeting MdeA efflux pump in *Staphylococcus epidermidis*	Prof. Inshad Ali Khan
Ms. Himashi Kumari (2020IMSMB010)	Optimizing process parameters for enhanced chitinase production by *Aspergillus terreus* using mushroom processing waste and fish scales as low-cost substrates in batch solid-state fermentation system.	Dr. Nidhi Pareek
Mr. Shubham Saraswat (2020IMSMB025)	Development of *Pennisetum glaucum* (pearl millet) bioinoculant for its sustainable agriculture in desert	Dr. Akhil Agrawal

Ms. Soumya Sinha (2020IMSMB028)	Expression and functional characterization of rPtkA of *Mycobacterium tuberculosis*	Dr. Deeksha Tripathi
Mr. Swarup Biswas (2023MSMB001)	Unravelling phylogenetic relationships of non heterocystous cyanobacteria using bioinformatic tools	Prof. Pawan K. Dadheech
Mr. Phool Chand (2020IMSMB016)	Isolation, purification and characterization of thermo-tolerant alkaline protease enzyme from Bacillus spp. and its applications in detergent and feather waste management	Dr. Sagar S. Barale
Ms. Lakshya Jain (2020IMSMB015)	Isolation, characterization, and determination of probiotic properties of lactic acid bacteria from milk	Dr. Sagar S. Barale

M.Sc. Microbiology

Candidate name	Title of the dissertation	Supervisor name
Ms. Aastha Teronpi (2023MSMB001)	In silico phylogenetic analysis of biosynthetic gene clusters for uv protectants in cyanobacteria	Prof. Pawan K. Dadheech
Mr. Ronit Kumar Praharaj (2023MSMB022)	Investigating the potential of various cyanobacteria for polyhydroxybutyrate (PHB) production	Prof. Pawan K. Dadheech
Mr. Gargey Sharma (2023MSMB010)	Sustainable Removal of Nutrients from Sewage Wastewater using *Dunaliella salina* BDU-10113	Prof. Pradeep Verma
Mr. Rahul Kumar (2023MSMB018)	Evaluation of Lignin Degradation by Potential Ligninolytic Enzyme Producing Bacterial Strains Isolated from Pulp-Paper Mill Waste	Prof. Pradeep Verma
Ms. Kumari Nisha (2023MSMB015)	Exploration of hydrolytic enzymes from bacterial strains under submerged-state fermentation using agrowaste	Prof. Pradeep Verma
Mr. Ankush Kumar Verma	Ciprofloxacin-Loaded Niosomes for Enhanced Antimicrobial Activity *against Staphylococcus epidermidis* ATCC 25922	Prof. Inshad Ali Khan

(2023MSMB005)		
Ms. Rituparna Debrata (2023MSMB020)	Generation of bedaquiline mutants of *Mycobacterium smegmatis* and their cross resistance with other antitubercular drugs	Prof. Inshad Ali Khan
Ms. Saima Zohra (2023MSMB023)	Antimicrobial Resistance in Escherichia coli Isolated from Soil"	Prof. Inshad Ali Khan
Mr. Abhishek Kumar (2023MSMB003)	Effect of various physical and chemical parameters on mycosporine-like amino acids (maas) production by *Desmonostoc* species	Dr. Akhil Agrawal
Ms. Hiya Mahabi (2023MSMB011)	Development of *Cyamopsis tetragonoloba* (guar) bioinoculant for sustainable desert farming	Dr. Akhil Agrawal
Ms. Yashita Mehta (2023MSMB027)	Evaluation of nanocellulose for desert soilification	Dr. Akhil Agrawal
Ms. Hunika Kulhari (2023MSMB012)	Green synthesis of zinc oxide nanoparticles using *Terminalia arjuna* for versatile applications in antioxidant, antimicrobial, anti-biofilm and seed priming processes	Dr Nidhi Pareek
Ms. Khushboo Choudhary (2023MSMB014)	Identification and characterization of bacterial chitinase and their antifungal activity against *Fusarium oxysporum*	Dr Nidhi Pareek
Mr. Md. Arshad C.P. (2023MSMB017)	Enhancing azo dye removal and microplastic degradation using microalgae-fungal pellets with nanochitin alliance	Dr Nidhi Pareek
Ms. Anupam (2023MSMB006)	Cloning and expression of *Rv1129c* of *Mycobacterium tuberculosis*	Dr. Deeksha Tripathi

Ms. Divyanshi Sharma (2023MSMB009)	Comparative survival analysis of *Bacillus anthracis* sterne and *Bacillus subtilis* upon exposure to stress conditions and antibiotic stress	Dr. Deeksha Tripathi
Ms. Simran Choudhary (2023MSMB024)	Structure based identification of small molecular inhibitors against DksA protein of *Shigella flexneri*	Dr. Deeksha Tripathi
Mr. Keshav Kumar (2023MSMB013)	Evaluation of antibacterial and antibiofilm potential of rhizospheric bacteria from medicinal plants	Dr. Sagar S. Barale
Mr. Ronit Kumar Praharaj (2023MSMB022)	Isolation and extraction of Antimicrobial Compound from *Bacillus velezensis* active against other pathogenic bacteria	Dr. Sagar S. Barale

Department of Pharmacy

Candidate Name	Title of the Dissertation	Supervisor Name
Ankita Murmu	Integrated Network Pharmacology and Structure based studies for Discovery of Potential NFKβ1 Modulators from Butea monosperma Targeting Obesity-induced Diabetes	Prof. Vipin Kumar
Aparna Chauhan	Exploration of Anticancer Activity of Barleria prionitis Against Triple-negative Breast Cancer Using Network Pharmacology and Molecular Modelling Strategies	Prof. Vipin Kumar
Aakriti Tripathi	In silico Exploration of Novel Arginase-1 Inhibitors Against Breast Cancer Using Integrated Fragment-based and Ligand-based Drug Design Strategies	Prof. Vipin Kumar
Bansara L. Nonglait	Identification of NSC Lung Cancer Targeting Biopeptides as EGFR Inhibitors Using Integrated Molecular Modelling and Machine Learning Techniques	Prof. Vipin Kumar
Hasain	Insilico Identification of Potential PI3Kα Inhibitors: A Computational Drug Discovery Approach	Prof. Vipin Kumar
Himangshu Jyoti Sharma	In silico Identification of Novel Small Molecule Inhibitors against PD1-PDL1 Interaction in Cancer using Tandem Fragment-based and Structure-based Drug Design Strategies	Prof. Vipin Kumar

Candidate Name	Title of the Dissertation	Supervisor Name
Rushikesh Kokane Shivaji	In silico Exploration of the Anti-microbial Potential of Macrocycles against Cryptococcus neoformans var. grubii using Amalgamation of Comparative Genomics, de novo and Accessory Drug Discovery Strategies	Prof. Vipin Kumar
Nitin Kumar	Design and In silico Study of Novel Selective PIM-1 Kinase Inhibitors as Anticancer Agents	Prof. Vipin Kumar
Deepali Sharma	Development and Optimization of Cannabidiol loaded Nanocarrier for Treatment of Alzheimer	Prof. Amit K Goyal
Kajal Rani	Preparation and Characterization of Topical for the Treatment of Vaginal Candidiasis	Prof. Amit K Goyal
Hariom Rajput	Identification of Novel Small Molecules against Casein Kinase 2-alpha for Neurodegenerative Disorders using Chemoinformatics Approach	Prof. Amit K Goyal
Rajesh Kumar	Formulation and Characterization of Microbeads for Oral Delivery of Liraglutide	Prof.Amit K Goyal
Sahil Kumar Kushwaha	Development and Characterization of Nanoemulsion for Mucosal Delivery of NSAIDs	Prof Amit K Goyal
Ayush Jain	Preparation, Characterization and Evaluation of Tofacitinib-Citrate Loaded Liposomal gel for Effective Management of Psoriatic Arthritis	Dr D Madhuri
Trivedi karthik	Development and Characterization of Chitosan Coated Nanostructured Lipid Carrier of Apixaban via Nose-to-Brain Delivery for the Prevention of Cerebral Amyloid Angiopathy Associated Alzheimer's Disease	Dr D Madhuri
Pallavi sarkar	Formulation and Characterization of Fexofenadine Hydrochloride-Loaded Mucoadhesive Polymeric Nanoparticles for Ocular Drug Delivery in Conjunctivitis	Dr D Madhuri
Mohd Shanu	Chitosan-Coated Liposomal formulation of Citalopram Hydrobromide for Enhanced Nose-to-Brain Transport	Dr D Madhuri
Vishal jaiswal	Formulation and Characterization of Febuxostat-Loaded Solid Lipid Nanoparticles (SLNs)-Gel for Transdermal Treatment of Gout.	Dr D Madhuri

Candidate Name	Title of the Dissertation	Supervisor Name
Pankaj Kumar	Formulation and Evaluation of Fexofenadine loaded liposome for treatment of Allergic Rhinitis	Dr D Madhuri
Amisha Murmu	Synthesis, Development and Characterization of HPMA based Polymeric Micelles for the Effective Drug Delivery in Breast Cancer	Dr. Umesh Gupta
Md. Faizan	HPMA-Based Polymersomes for Gemcitabine Delivery in Breast Cancer Therapy	Dr. Umesh Gupta
Kashish Verma	Mesoporous Silica Nanoparticles for Duo Drug Delivery in Effective Management of Glioblastomas Multiforme	Dr. Umesh Gupta
Khushboo	Caffeic Acid Conjugated PAMAM Dendrimers for the Effective Delivery of Gemcitabine	Dr. Umesh Gupta
Vinay Mani Pratap	Folic Acid Conjugated Polyphenol Loaded Gelatin Nanoparticles: A Novel Approach for Rheumatoid Arthritis Therapy	Dr. Umesh Gupta
Rishabh Kasana	Rivastigmine Loaded PLGA Nanoparticles for the Management of Alzheimer's Disease	Dr. Umesh Gupta
Shesh Kumar Sonkar	Ligand-Based Docking Study of FtsZ Inhibitors using an E-Pharmacophore-based Modelling Approach	Dr. Devesh M Sawant
Saema	Quest for PET Theranostics: Engineering Novel Hydrophobic Linkers Targeting Fibroblast Activation Protein	Dr. Devesh M Sawant
Vikas Giri	Development and synthesis of next – generation PET radiotracers with hydrophobic linker-tethered metal chelators for theranostic targeting of Fibroblast Activation Protein (FAP)	Dr. Devesh M Sawant
Shaifali Singh	DuPiTOR: An AI-ML based QSAR model for Quantitative Prediction of Dual PI3K-mTOR Inhibitors	Dr. Devesh M Sawant
Nitisha Dhiman	Integrative AI/ML-QSAR Approaches for Quantitative Prediction of Dual EGFR-HER2 Kinase Inhibitors	Dr. Devesh M Sawant
Somya Upadhyay	Discovery of Potential PI3K alpha Inhibitors via Structure-guided virtual screening and Molecular Dynamics approaches	Dr. Devesh M Sawant
Sarfaraz Hussain	Rational Design, Synthesis, and Development of Conjugated Tetrapeptides for Enhanced Selective Targeting in Multi-Tumor Anti-Cancer Therapy	Dr. Devesh M Sawant

Candidate Name	Title of the Dissertation	Supervisor Name
Vikram Ram	Combination of Minoxidil and Cu-peptide in Ethosome-based Serum Formulation for the Management of Alopecia	Dr Kaisar Raza
Neeraj Ahirwar	Preparation and Characterization of Ciprofloxacin and Caffeic acid Co-loaded Invasomes for better Wound healing potential	Dr Kaisar Raza
Aradhana Kushwaha	Pharmacological Evaluation of Berberine and Coal Tar-based Topical Cream for Management of Psoriasis	Dr Kaisar Raza
Kadam Rajeshwar	Development, Characterization, and Evaluation of Etodolac and Capsaicin-loaded Transfersomes for Pain-Related Disorder	Dr Kaisar Raza
Mohan Singh	The Exploration of Phytoconstituents of Leaf Extracts of Neolamarckia Cadamba for Selected Biological Activities	Dr Kaisar Raza
Birajdar Sagar	Exploring the potential of PEGylated PLGA nanoparticles Co-loaded with Mangiferin and Docetaxel for breast cancer management	Dr Kaisar Raza

Department of Physics

Candidate Name	Title of the Dissertation	Supervisor Name
HARSH KUMAR	Synchronization of Metronomes	Prof. Manish Dev Shrimali
DHARMENDRA	Theoretical study of localized envelope modulated ion acoustic waves in dusty plasma with two temperature electrons	Dr. Sukhamander Singh
Indu Kumari	In-situ formation of mixed phase of Bi2O3/Cu2O and CuBi2O4 structures for exceptional photoelectrochemical H2 production	Dr. Rajendra Pawar
Kartar Singh Gurjar	Hydrothermally grown Bi2MoO6 nanosheets for water purification technology	Dr. Rajendra Pawar
MAMTA ALE	Rotating anisotropic dipolar Bose-Einstein condensates	Dr. Kuldeep Suthar

Candidate Name	Title of the Dissertation	Supervisor Name
MANISH SINGH	Chimeras in active fluids with nonlinear growth	Prof. Manish Dev Shrimali
MANISH KUMAR	Generation and analysis of super-oscillatory optical spots of a highly focused radially polarized beam	Dr. Brijesh Kumar Singh
MANOJ	Analysis and numerical simulation of negative corona discharge of N2 gas in air	Dr. Sukhamander Singh
Mukesh Yadav	Chemical and surface modifications of graphitic carbon nitrate (g-C3N4) nanosheets to enrich the photodegradation performance	Dr. Rajendra Pawar
Rajkumar Meena	Photodegradation performance of controlled B21WO6 structures under solar irradiation	Dr. Rajendra Pawar
ROHIT KUMAR	Study of high-NA focusing of azimuthally polarized beams modulated by a binary phase mask	Dr. Brijesh Kumar Singh
ADITYA YADAV	Higher-order interactions in multiplex network with attractive and repulsive coupling	Dr. Umesh Kumar Verma
ANIL	The standard model of the cosmic rays	Dr. Siddharth Dwivedi
ATESH SAINI	Topological quantum entanglement and characteristic polynomial of density matrix	Dr. Siddharth Dwivedi
OJAS RAWAL	Study of effect of photon sieves integration n radially polarized super oscillatory spot	Dr. Brijesh Kumar Singh
Pragati Pandey	Controlled growth of Bismuth Tungstate (Bi2WO6) sheets via hydrothermal method for removal of methylene blue	Dr. Rajendra Pawar
RAKESH KUMAR SHARMA	Neutrino oscillation and entanglement in four flavors	Dr. Siddharth Dwivedi
RUDRANARAYAN PADHI	Dielectric barrier discharge using COMSOL simulations	Dr. Sukhamander Singh
Shanu Upadhyay	Chemical synthesis of SnS2 nanosheets for water purification application	Dr. Rajendra Pawar

Candidate Name	Title of the Dissertation	Supervisor Name
SHIFA	The effect of electron beam fluctuations on ion transit time instability in Hall Thruster plasma	Dr. Sukhamander Singh
SUMIT YADAV	Josephson oscillations in Bose-Einstein condensate	Dr. Kuldeep Suthar
VIKAS DHAKAD	Dynamics of Bose-Einstein condensation in double-well potential	Dr. Kuldeep Suthar
VIKASH GANWARIYA	Topological quantum entanglement	Dr. Siddharth Dwivedi
RAMU RAM	Social force model for pedestrian dynamics	Prof. Manish Dev Shrimali
SATYA PRAKASH	Study the effect of photon sieves integration on Azimuthally polarized super oscillatory spot	Dr. Brijesh Kumar Singh
Sumer Kumar Saini	3D printer based MoS2-RNA nanocomposite electronic sensor for Lead (Pb+2) detection	Dr. Milan Sasmal
Tapendra Kumar Vaishnav	Synthesis of MoS2-DNA-ZnO nano bio-composite based electronic device for low level detection of Mercury ion (Hg+2)	Dr. Milan Sasmal
DEVENDRA KUMAWAT	Study of motion in the presence of luminous primary and generalized dipole secondary	Dr. Ram Kishor
GAGAN KUMAR PADHAN	Effective thermal conductivity of two-phase system using artificial neural network (ANN) approach	Dr. Sukhamander Singh
Aayushi Garg	Broadband and wideband metamaterial absorbers for THz applications	Dr. Yugandhar Bitla
Pratap Singh Purohit	Synthesis of and characterization of nanocrystalline GaFeO3	Dr. Yugandhar Bitla
ARYAN JAIN	Simulation of electrical breakdown between spheres on COMSOL multiphysics software	Dr. Sukhamander Singh

Department of PPLG

Candidate Name	Title of the Dissertation	Supervisor Name

Jitendra Singh	Impact Evaluation of Formation and Promotion of 10K Farmer Producer Organization Scheme in Dungarpur District, Rajasthan	Prof. S Kandasamy
Manoj Kumar	Assessing Digital Literacy in Senior Secondary Schools: A Comparative Study of Public and Private Institutions in Ajmer, Rajasthan	Dr. Gyana Ranjan
Sneha Tudu	Impact of Forest Rights Act 2006 on Scheduled Tribes: A Case of Nigiri Block of Baleshwar District	Dr. Sudhir Kumar Garhwal
Ajay	E-Governance Initiatives Taken in India with Special Reference to Rajasthan	Prof. SN Ambedkar
Ansh Chauhan	A Study of Pradhan Mantri Kaushal Vikas Yojana (PMKVY) in Giglana Village, Alwar District, Rajasthan, Focusing on Skill Development, Employment and Socio-Economic Impact	Prof. SN Ambedkar
Bharat Meena	Assessing the Effectiveness of PM-KISAN Samman Nidhi Scheme: A study of Socio-Economic Effects on Farmers' Life in Sawai Madhopur District, Rajasthan	Prof. S Kandasamy
Drashti Jain	Impact of Mukhyamantri Rajashri Yojana on the Life of a Girl Child: A Case Study of the Aspirational Block Khanpur of Jhalawar District, Rajasthan	Prof. S Kandasamy
Hansa Choudhary	Pradhan Mantri Jan Dhan Yojana: A Case Study of Implementation of Rajasthan	Prof. S Kandasamy
Ravina	Socio Economic Impact of Pradhan Mantri Kisan Samman Nidhi Yojana PM KISAN on Beneficiaries: A Case Study of Hanspur Kalan, Alwar District, Rajasthan	Dr. Gyana Ranjan
Robin Singh	Global Migration Governance and Pandemic: A Study of Indian Migrants during COVID-19 Era	Dr. Mohan Mishra
Sharda Choudhary	Gender Equality Policy and Impact on Women's Political Participation, Challenges in Etah	Dr. Mohan Mishra
Sugandha Kumari	The Role of Sarva Shiksha Abhiyan in Bridging the Gender Gap in Education in Bihar: A Case Study of Patna District	Dr. Sudhir Kumar Garhwal
Suman	Gender Based Disparity in Higher Education: A Case Study of Mahendergarh District	Dr. Sudhir Kumar Garhwal

Department of Social Work

Candidate Name	Title of the Dissertation	Supervisor Name
AJSAL C.	Social security for women migrant workers in Kerala: Access, challenges and impact	Dr. Shaizy Ahmed
ALISHIKA RAJ	Women's participation in water resource management: A case study of Nagaur district in Rajasthan	Dr. Jagdish Jadhav
ANJALI DHANAWAT	Gender and Social Mobility: The lived experiences of Meena Women in Rajasthan	Dr. D.P. Negi
ARSHITHA T.	A Study On loneliness, Social Skills, Conflict Resolution Among Single Children	Dr. Rajeev MM
CHANDANA BOSE	The Psychosocial Impact of Caste Based Discrimination in Education System on Kalbelia Children in Junda Village	Mr. Brijesh Jagarwal
DESHRAJ MEENA	Community Governance of Common Pasture land: A case study of Bhilwara District of Rajasthan	Dr. Jagdish Jadhav
IBRAHIM IBNU UMMER	Effect and Challenges of AI-Generated Content In Education: A Descriptive Study Conducted In Central University of Rajasthan	Dr. Rajeev MM
KAMAL PRATAP SINGH	Awareness, Attitude and Preventive Practices towards Tuberculosis among rural residents of Ajmer, Rajasthan	Dr. Atiq Ahmed
KARMVIR	Future Expectations, Aspiration and Achievement Motivation Among Rural Youth.	Dr. Atiq Ahmed
KARTHIKA B	Exploring masculinities and help-seeking behavior among young men in Kerala	Dr. D.P. Negi
K M SUMAN	Psychological wellbeing, Social Support and Quality of Life of women engaged in NGO sector	Dr. Shaizy Ahmed

Candidate Name	Title of the Dissertation	Supervisor Name
MUHAMMED SINAN KK	Challenge's and Barrier's to Women Higher Education In Rural Rajasthan: Intersectionality of gender and caste	Dr. D.P. Negi
NAVEEN KUMAR	Effect of technology on Occupational health and safety of workers in Marble manufacturing factories	Mr. Brijesh Jagarwal
PANKAJ SINGH RAWAT	The Contribution of Women Supervisors in Effective Implementation of MGNREGA: An Empirical Evidence from Bhilwara District of Rajasthan	Dr. Jagdish Jadhav
POOJA	A Study on Empowerment, Participation and Autonomy among the Rural Women of Rajasthan	Dr. Atiq Ahmed
PRADEEP PANCHAL	The Psychosocial Impact of Cybercrime Among Youth Victims in Alwar District of Rajasthan	Mr. Brijesh Jagarwal
RAMANUJAN VK	Parenting Styles Among Young Parents and Their Impact on Children's Strengths and Difficulties	Dr. Rajeev MM
SWATI SINGH	Wellbeing and self-esteem among adolescent girls of Bandarsindari panchayat	Dr. Atiq Ahmed
TANISHA	Career Aspirations, Choices & Goal Attainment Among Rural Women in Rajasthan.	Dr. Shaizy Ahmed
ARUN KUMAR T.S.	The impact of online dating among young adult: A study at Central University of Rajasthan.	Dr. Rajeev MM

Department of Society Technology Interface

Candidate Name	Title of the Dissertation	Supervisor Name
Anil Kumar	The Future of AI in Customer Targeting: Strategic Implications for Marketing Managers in the FMCG Sector	Dr. Jugal Kishor
Bhawana Choudhary	Cultural Continuity in the Digital Age: Tribal Dance and Music in Rajasthan	Dr. Jaya Kritika Ojha
Bhojraj Singh	Digitalization in Women Farmer Producer Companies in Rural Assam, North-East India	Dr. Jaya Kritika Ojha
Boiwar Srikanth	The Role of Green Technology Adoption in Promoting Environmental Sustainability and Economic Growth	Dr. Jugal Kishor
Diya Sharma	he Impact of Social Media on Political Mobilization among Students	Dr. Kumar Sambhav Pareek
Ishita Khangarot	An Analysis of Digitalization on Hand Block Printing Clusters of Sanganer and Bagru, Rajasthan	Dr. Jaya Kritika Ojha
Kumari Rukma	The Emerging Age of Marketing: A Study on the Learning and Perception of Quantum Marketing	Dr. Jugal Kishor
Mitali Mour	The Impact of AI-BAsed Educational Tools on Students Learning: Perceptions, Practices and Ethical Concerns	Dr. Kumar Sambhav Pareek
Mohamed Marzooq KV	Reimagining Eldercare in Kerala: Caste, Technology, and Empowerment of Invisible Caregivers	Dr. Jugal Kishor
Ravi kanth	Impact of Digital Technologies on Work-Life Balance: Perspectives of Students and Faculty at the Central University of Rajasthan	Dr. Jugal Kishor
Ritu Pachauri	Digital and Football: Enhancing Visibility and Voices of Young Rural Girls of Central Rajasthan	Dr. Jaya Kritika Ojha
Sanjeet Kumar Bharati	Rise of Subscription-based Online News Media- A Case Study of News Laundry	Dr. Kumar Sambhav Pareek
Taniya Shree	The Structural Typology of Short-Form Videos and Their Impact on Consumption Behavior and Cultural Participation	Dr. Jugal Kishor

Department of Sports Bioscience

Candidate Name	Title of the Dissertation	Supervisor Name
M.Sc. Sports Biochemistry		
ATINARAPU BHANU	Metabolic profiling of Key Biomarkers for Energy metabolism & Mitochondrial Function in Amateur Athletes Versus Sedentary Individuals : A Pilot Study	Dr. Hemanth Naick B
RIYA BISHT	Metabolomics Profiling for Muscle Damage Susceptibility: A Pilot Study	Dr. Hemanth Naick B
M.Sc. Sports Nutrition		
AKSHAYA JAIN	Assessment of Nutrition Knowledge, Dietary practices, Low Energy Availability in Females and Eating Disorder in Combat Sports Athletes	Dr. Neha Singh
AMALENTHU K. B	The Impact of Carbohydrate intake of Endurance Performance in Football Players	Dr. Sunil G Purohit
ANKITA KUMARI	Development of high – protein cookies with fortified white Button Mushroom & Pseudo Millet Fused With Basil in Association with the Enhancement of Endurance Capacity in Athletes	Dr. Shailendra Pratap Singh
GARGEE	Pre-Competition Anxiety, Gastrointestinal Symptoms and Dietary Habits in University Athletes	Dr. Neha Singh
KAUSHAL JAJORIA	Nutritional Assessment and Dietary Recommendations for Elite Karate Athletes in Combat Sports	Dr. Neha Singh
YATA DIVYA	Exploring the Interplay of Gym – Going Habits and Nutritional Intake: A Cross Sectional Study of Dietary patterns and Fitness Behaviours in Young Adults	Dr. Sunil G Purohit
M.Sc. Sports Physiology		
HIMANSHU	Development of high – protein cookies with fortified Portobello mushroom & foxtail millets and fused with garlic	Dr. Shailendra Pratap Singh

Department of Sports Psychology

Candidate Name	Title of the Dissertation	Supervisor Name
Anagha K	Role of Social Support in Enhancing Career Satisfaction in Female Wrestlers	Dr. Guneet Inder Jit Kaur
Aswathi Sasidharan	Relationship Between Goal Orientation And Self-Esteem In Sprinter Athletes	Dr. Guneet Inder Jit Kaur
Neha Gurbaxani	Impact of Mindful Sports Performance Enhancement (MSPE) on Self Efficacy, Attention Control, and Flow in National Level Wushu Athletes	Dr. Guneet Inder Jit Kaur

Siyoshna Sunil	Perfectionism and Cognitive Flexibility in Martial Arts: A Comparative Study of Taekwondo and Karate Athletes	Dr. Guneet Inder Jit Kaur
Ashlesha sarma	An Exploratory Study Music preferences of athletes During Training	Dr. Guneet Inder Jit Kaur
Aayushi Thakkar	Goal orientation among individual and team Games Athletes: A Comparative study	Dr. Guneet Inder Jit Kaur

Department of Statistics

Candidate Name	Title of the Dissertation	Supervisor Name
ARPIT SINGH (2020IMSST004)	Two-Phase Sampling Ratio and Product Based Estimators for Estimating Population Mean Under Non-response Error for Time-Bsed Surveys	Dr. Sanjay Kumar
ASHWANI SINGH (2020IMSST006)	Distribution-Free Control Charts Unsing One-Sided Lepage-Type Test	Dr. Mahesh Barale
GAJENDRA CHAUDHARY (2020IMSST009)	A New INAR(1) Process with Weighted Geometric Innovations	Dr.Deepesh Bhati
KHUSHI JAIN (2020IMSST012)	Informing Public Health Policy: Forecasting Tuberculosis Trends in BRICS and Indian States Through Environmental and Economic Insights	Dr.Saurabh Kumar
KUMAR HARDIK (2020IMSST014)	Predicting the Performance of Indian IPO Market and Stock Price	Dr.Arvind Pandey
NEERAJ (2020IMSST015)	National Account and Macroeconomic Dynamics: A Case with Indian GDP	Dr.Jitendra Kumar
PARMESHWAR PRAJAPAT (2020IMSST017)	Optimization of Multimodel Trasportation Supply Chain Management System	Dr.K.Satish Kumar
ROHIT RAJ (2020IMSST022)	Two-Parameter Ratio-Product-Ratio Estmator for Estimating Population Mean Under Non-Response for Time-Based Surveys	Dr. Sanjay Kumar
SAURABH AGRAHARI (2020IMSST024)	Predicting the Performance of Indian IPO Market and Stock Price	Dr.Arvind Pandey
SHER SINGH (2020IMSST025)	Analysing the Differential Performance in the Impact of Adoption of Kisan Credit Card (KCC -AH) Scheme Under Balotra Dev Rin Yojana	Dr.Jitendra Kumar
SONU GOYAL (2020IMSST026)	Statistical Trends in Tuberculosis Notifications in Rajasthan: Analyzing the Interaction with Silicosis and Diagnostic Accessibility	Dr.Saurabh Kumar

VAISHNAVI PANDEY (2020IMSST027)	Wine Quality Data Analysis Using Different Methods	Dr. Arvind Pandey
VANSHITA JHA (2020IMSST028)	Contrastive Learning-Based Source-Free Domain Adaptation for Robust Medical Image Classification	Dr. Mahesh Barale
AMIT KUMAR (2023MSST001)	Study on Working Vacation Queueing Model With Customer Impatience	Dr.K.Satish Kumar
KAJAL KUMARI (2023MSST002)	Food Security and Policy Progress on Staple Crops in India: A Time Series Perspective	Dr.Saurabh Kumar
LATA RATHORE (2023MSST003)	Attribute and Mixed Control Charts for Monitoring Failure Time Under Accelerated Hybrid Censoring	Dr. Mahesh Barale
MENDA HARIKA (2023MSST004)	A Game Theoretic Analysis of Pricing Strategies in the Indian Telecom Market: A study on Jio, Airtel, BSNL and Vi Recharge Plans	Dr.K.Satish Kumar
MRIGAKSHI KHAJURIA (2023MSST005)	Bayesian Inference of AR(p) with Non-Gaussian Residuals: A Case with Generalized Gamma Distribution	Dr.Saurabh Kumar
MUSKAN (2023MSST006)	Beyond Accuracy: Holistic Model Validation for Credit Risk Assessment Using MoDeVa	Dr.Deepesh Bhati
PRAKASH SHEKHAR (2023MSST009)	Generalized Ratio and Product Estimator for Estimating Poulation Mean Under Non-response for Time Based Surveys	Dr. Sanjay Kumar
RISHIKA LODHA (2023MSST010)	Forecasting Default Rates for Personal Loans: A Macroeconomic Regression Approach Under IFRS 9	Dr.Deepesh Bhati
VAISHALI SHEKHAWAT (2023MSST014)	A Comprehensive Analysis of Crime Against Women and Major IPC Crimes In India.	Dr.Jitendra Kumar

Department of Yoga

Candidate Name	Title of the Dissertation	Supervisor Name
Aashika Jain	Impact of household cooking fuels on pulmonary function in women: a comparative study of biomass vs. LPG users	Prof. Sanjib Kumar Patra
Akriti	Effect of Yoga Practices on the premenstrual syndrome symptoms and Mood profile among Female University students with PMS: A randomized controlled Trail	Dr. Kashinath G Metri
Anil Ujjawal	Immediate effect of pranayama with or without kapalbhati on HRV measures and cognitive: A rendomized self as control trial	Dr. Kashinath G Metri

Candidate Name	Title of the Dissertation	Supervisor Name
Arpana Dadhich	Prevalence of Premenstrual Syndrome in University Students: A Cross-Sectional Survey Study	Dr. Kashinath G Metri
Dhananjay Foujdar	Effect of Nadanusandhana on cognitive function Among University Volunteers A Randomized Controlled Trial	Prof. Sanjib Kumar Patra
Ekta Mishra	Effect of Yoga therapy as an add-on to conventional medicine in improving cognitive functions and depressive symptoms in major depressive disorder: Single Case Study	Dr. Kashinath G Metri
Garima Kansal	Prevalence of PCOS/PCOD and Its Impact on Sleep Quality, Psychological Well-being, and Quality of Life Among Female University Students: A Comparative Cross-Sectional Study.	Prof. Sanjib Kumar Patra
Mansi Patel	Evaluating the effects of yoga on sleep quality, stress, and cognitive functions in female students with elevated stress: A randomised control trial	Prof. Sanjib Kumar Patra
Nikhil Jangir	A comparative study of sustained attention and mind-wandering in students practicing yoga and weight training in university students- a cross-sectional study	Prof. Raghavendra Bhat
Praful Sahu	The impact of 108 daily rounds of surya namaskara on physical and cognitive health: a case study of a healthy female subject	Prof. Raghavendra Bhat
Ravi Choudhary	A comparative study of mindfulness in students practicing yoga and weight training in university students- a cross-sectional study	Prof. Raghavendra Bhat
Ravindra Choudhary	Effect of Vaman Dhoti (Kunjal Kriya) on Body Composition Among University Students: A Randomized Controlled Trial	Prof. Sanjib Kumar Patra
Saransh Sharma	Effect of Laghu shankaprakshalana on Body Composition Among University Volunteers: A Randomized Controlled Trial	Prof. Sanjib Kumar Patra

Candidate Name	Title of the Dissertation	Supervisor Name
Satarupa Roy	Effect of yoga on anxiety and cognitive functions among female students with elevated stress: a randomised control trial	Dr. Kashinath G Metri
Sonu Kumar	Efficacy of Yoga in Pulmonary Function among Opium dependent Individuals: A pilot Study	Prof. Sanjib Kumar Patra
Vartika	Development and Validation of an Integrated Yoga Module for Polycystic Ovarian Syndrome based on WHO model of health.	Prof. Sanjib Kumar Patra
Venus Badoni	Effect of a validated yoga module on stress-induced autonomic reactivity in Primary Dysmenorrhea based on the indices of HRV- An RCT	Prof. Sanjib Kumar Patra
Kuldeep Singh Shekhawat	A Cross – Sectional Study on Quality of Life and Mental Health Among Woman Residing in Semi – Urben Area of Rajasthan: A Yoga Therapy Perspective	Prof. Raghavendra Bhat

Students' Placements and Achievements

DEPARTMENT OF ATMOSPHERIC SCIENCE

Name of Student	Company /Organization Name/ Achievement
ALFRED THOMAS JOSE	Indian Institute of Tropical Meteorology
ANASWARA S R	Center for Study of Science, Technology and Policy (CSTEP)
ANKITH V A	Indian Institute Technology, Indore
AYUSH KUMAR SINHA	Indian Institutes of Science Education and Research, Bhopal
DEBANANDAN MAHAPATRA	Berhampur University, Odisha
FIRNAS SHAMSU P P	Indian Institutes of Science Education and Research, Bhopal
KRISHNENDHU S	Indian Institutes of Science Education and Research, Bhopal
MUKESH	Indian Institute Technology, Jodhpur
NIRANJANA KRISHNA	National Atmospheric Research Laboratory (NARL), Gadanki
PARDEEP	North Western Regional Centre (NWRC), Jodhpur
PAUSHALI DEB	Indian Institute Technology. Bombay
VASANA MADHURI SAI LATHA	Indian Institute Technology, Hyderabad
SWATHI V S	Indian Institutes of Science Education and Research, Bhopal
SHAKSHI SINGH	Indian Institutes of Science Education and Research, Bhopal
ADITYA SHARMA	Indian Institute Technology, Delhi
UNASHISH MONDAL	RIKEN, Japan

Department of Biochemistry

Name of Student	Company /Organization Name/ Achievement
Ayushi Sharma	BHU
Aman	NIT Jalandhar
Deeksha Sandeep Raut	Tata Memorial, Mumbai
Deepika Kumari	AIIMS New Delhi

DEPARTMENT OF B.TECH BME

Name of Student	Company /Organization Name/ Achievement
Krishnan Meena	Avi Healthcare Pvt. Ltd. , Jaipur
Hussain S	GENWORKS Pvt. Ltd., Bangalore
Aryan Karmakar	IIT Kharagpur (M.Tech.)
Taneesha Sharma	IIT Kanpur (M.Tech.)
Durgesh Nishad	NIT Raipur
Jatin Raj	GATE 2024 Qualified (AIR 65)
Anil Kaler	GATE 2024 Qualified (AIR 50)
Shubham Sharma	GATE 2024 Qualified (AIR 174)

DEPARTMENT OF BIOTECHNOLOGY

Name of Student	Company /Organization Name/ Achievement
Hitesh Murarilal Pareek	Kashiv Biosciences, Ahmedabad, Gujrat
Yogendra Choudhary	Guest Faculty, Rajkiya PG College, Alwar
Harshdeep	Baxter Pharmaceuticals India Limited, Ahmedabad Gujrat
Mitta Bindusree	Biocon Limited, Hyderabad, Telangana
Pankaj	Lab attendant in CRI,HM

DEPARTMENT OF CHEMISTRY

Name of Student	Company /Organization Name/ Achievement
Mr. Ravindra Kumawat	BHABHA ATOMIC RESEARCH CENTRE
Ms. Shivanshi	Turing Enterprizes
Ms. Palak Rakesh	University of Florida
Mr. Mayank Shekhawat	Qualified GATE
Mr. Neeraj kumar	Qualified NET-JRF (Joint CSIR-UGC) and GATE
Mr. Manjeet Singh	Qualified NET-JRF (Joint CSIR-UGC)
Ms. Aditi Gautam	Qualified NET-JRF (Joint CSIR-UGC)

DEPARTMENT OF COMMERCE

Name of Student	Company /Organization Name/ Achievement
Yuvraj Gour	National Education Society for Tribal Students
Manisha Jakhiwal	90 Degree Stones
Vengababu Baleboina	Count HQ
Deepanshi Jain	JLL
Santroop tanwar	Institute of Innovation in technology and management, New Delhi
Hansa	OP Jindal Global University
Mrutyunjaya Sahoo	SRM University, Andhra Pradesh

DEPARTMENT OF CULTURE AND MEDIA STUDIES

Name of Student	Company /Organization Name/ Achievement

Ankita Yadav	Young Professional, Dept. of Information & Public Relations, Govt. of Rajasthan
Mohit Chauhan	Senior Executive - Operations and Service, Bajaj Finance Limited

DEPARTMENT OF ECONOMICS

Name of Student	Company /Organization Name/ Achievement
Paras Sachdeva	IIT Madras/Chennai
Suruchi Shrimali	BITS, Pilani
Shobhna Sikhwal	IIM Rohtak
Abinash Singh	IIM Vishakhapatnam
Meenal Pareek	Navodaya Vidyalaya Samiti Jaipur
Bhageshwar Bharti	Navodaya Vidyalaya Samiti Lucknow
Yashwini Yadav	Genpact Jaipur
Abhinav Bhardwaj	National Accreditation Board for Education in Training
Mona Mariyam	BITS Hyderabad Campus
Kaushal	UPSC-CAPF Assistant Commandant (AIR 119)
Jacob Sam	Equity Analyst at GemsCap Global
Khemaram	Field Investigator in ICSSR Project on Jal-Jeevan Mission, Central University of Rajasthan
Sameera Kandi	Field Investigator in ICSSR Project on Jal-Jeevan Mission, Central University of Rajasthan
Progression in higher studies	
Manobal Kumar	Ph.D. Program at BITS Pilani
Anubhav Sharma	Ph.D. Program at BITS Pilani
Richa Kumari	PhD Program at IIT Jodhpur
UGC NET	
Abhijit Behera	UGC NET
Adarsha Prasad Swain	UGC NET (PhD)
Anubhav Sharma	UGC NET
Aryash Srivastav	UGC NET
Devadatthan K J	UGC NET
Hitendra	UGC NET (PhD)

Pardeep Kumar	UGC NET (JRF)
Pranzal Trivedi	UGC NET (PhD)
Shubham Farkya	UGC NET
Urmila Bharti	UGC NET (PhD)
Yashi Sharma	UGC NET (PhD)
GATE Qualified	
Pardeep Kumar	AIR 1508
Aditya Yadav	AIR 167
Alok Ranjan	AIR 750
Aniket Raj	AIR 479
Athma N S	AIR 1159
Chinmoy Sharma	AIR 439
Johan Roy Paul	AIR 214
Richa Kumari	AIR 1029
Shubham Farkya	AIR 785
Vijay Raj	AIR 522
Vishal Raj	AIR 233
IIT JAM	
Aditya Yadav	AIR 515

DEPARTMENT OF ENGLISH

Name of Student	Company /Organization Name/ Achievement
Dr. Padma thinless	University of Laddakh
Dr. Rince Raju	Central University of Andhra Pradesh
Nikhitha Jith	College Ramapuran
Rishav Dutta	ICFAI University, Jaipur
Dr. Meenal Chaudary	Government of Rajasthan
Khushi Khandelwal	Government of Rajasthan

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Name of Student	Company /Organization Name/ Achievement
Hitakshi Namdev	Fulgro Environmental Engineering Services India Pvt. Ltd.
Mahima	Teachnook Banguluru
Nidhi	Teachnook Banguluru

Hemant Kumar Virt	Teachnook Banguluru
Nidhi Singh	Teachnook Banguluru
Suraj Chauhan	Teachnook Banguluru
kirti lakwal	Teachnook Banguluru
Bagmita Biswas	Teachnook Banguluru
AAYAN	Teachnook Banguluru
Mahima Yadav	Teachnook Banguluru
Hemant KumarVirt	IIT Roorkee
Nisha Kumari	TERI, New Delhi

Department of Mathematics

Name of Student	Company /Organization Name/ Achievement
Sunny Verma	ACE Engineering Collage, Ghatkesar, Medchal, Hyderabad, 501301, Telangana, India
Priyanka Maharshi	Teaching PM Shree JNV, Pallu 34125
PRIYA DONGRE	PGT MATHS in EMRS
Monika	PO In Bank
Vijay Pal Bajiya_2017phdmt05	SRM University
Ramjash	JERC, Jaipur

Department of Microbiology

- Mr. RAHUL KUMAR (2023MSMB018) qualified at GATE-2025
- Mr. ANKUSH KUMAR VERMA (2023MSMB005) qualified at GATE-2025
- Ms. HIYA MAHABI (2023MSMB011) qualified at GATE-2025
- Mr. KESHAV KUMAR (2023MSMB013) qualified at NET-JRF-Dec., 2024, GATE-2025.
- Ms. SOUMYA SINHA (2020IMSMB027) qualified at GATE-2025.
- Mr .SHUBHAM SARASWAT (2020IMSMB025) qualified at GATE-2025.
- Mr. ASHUTOSH BISHI (2022IMSMB001) Integrated M.Sc. Programme (Exit, B.Sc. Degree Awarded) selected for Integrated Ph.D. from the IIS, Bengaluru.
- Ms. JYOTI KUMARI (2022IMSMB005) Integrated M.Sc. Programme (Exit, B.Sc. Degree Awarded) selected for M.Sc. (Bioinformatics) from Savitribai Phule Pune (SPPU).

- Ms. HIMIKSHA SINGH (2022IMSMB003) Integrated M.Sc. programme pass out (Exit, B.Sc. Degree Awarded) selected for M.Sc. (Big Data Biology) from IBAB, Bengaluru.
- Ms. HIYA MAHABI (2023MSMB011) M.Sc. programme pass out selected for Ph.D. from IIT Patana.

Department of Public Policy, Law & Governance

Name of Student	Company /Organization Name/ Achievement
Robin Singh	JSPT Consultants

DEPARTMENT OF SOCIAL WORK

Name of Student	Company /Organization Name/ Achievement
Ajsal C.	Ambuja Foundation
Alishika Raj	Ambuja Foundation
Anjali Danawat	Datta Infra
Arshitha T	Rajasthan Mahila Kalyan Mandal
Deshraj Meen	Dhara Sansthan
Ibrahim Ibnu Ummer	Dhara Sansthan
Kamal Pratap Singh	Dhara Sansthan
Karmvir	Dhara Sansthan
Km Suman	Ambuja Foundation
Md. Sinan	Ambuja Foundation
Pankaj Singh Rawat	Rocket Learning
Pradeep Panchal	Ambuja Foundation
Swati Singh	Rajmeru Sansthan
Tanisha	Shiv Shiksha Samiti Ranoli

DEPARTMENT OF SOCIETY TECHNOLOGY INTERFACE

Name of Student	Company /Organization Name/ Achievement
Boiwar Srikanth	ACADEMOR
Bhawana Chaudhary	LAUNCHED
Kumari Rukma	LAUNCHED

DEPARTMENT OF SPORTS PSYCHOLOGY

Name of Student	Company /Organization Name/ Achievement

Anagha K.	Role: Assistant child psychologist Insighte Childcare,Child health care center in Bengaluru
Neha Gurbaxani	Role: Presentation Skills Instructor Cambridge Court International School

DEPARTMENT OF STATISTICS

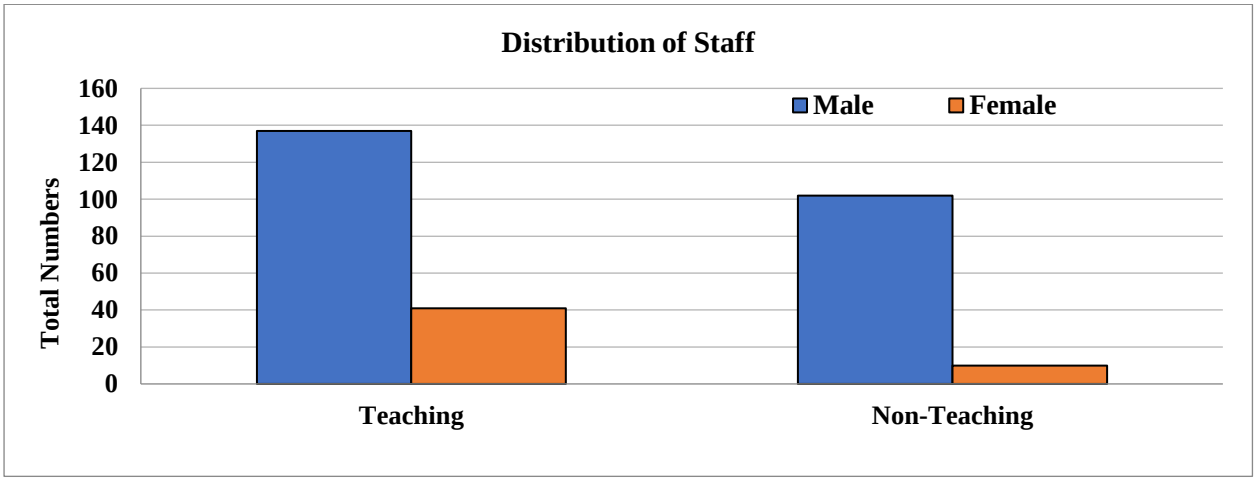
Name of Student	Company /Organization Name/ Achievement
Rishika Lodha (2023MSST010)	Solytics Partners
Muskan (2023msst006)	Solytics Partners

Gender Audit

A brief report of the Gender Audit of the University conducted for the year 2024-25 is presented below: This classification is based on staff (teaching and non-teaching), students, and infrastructural facilities.

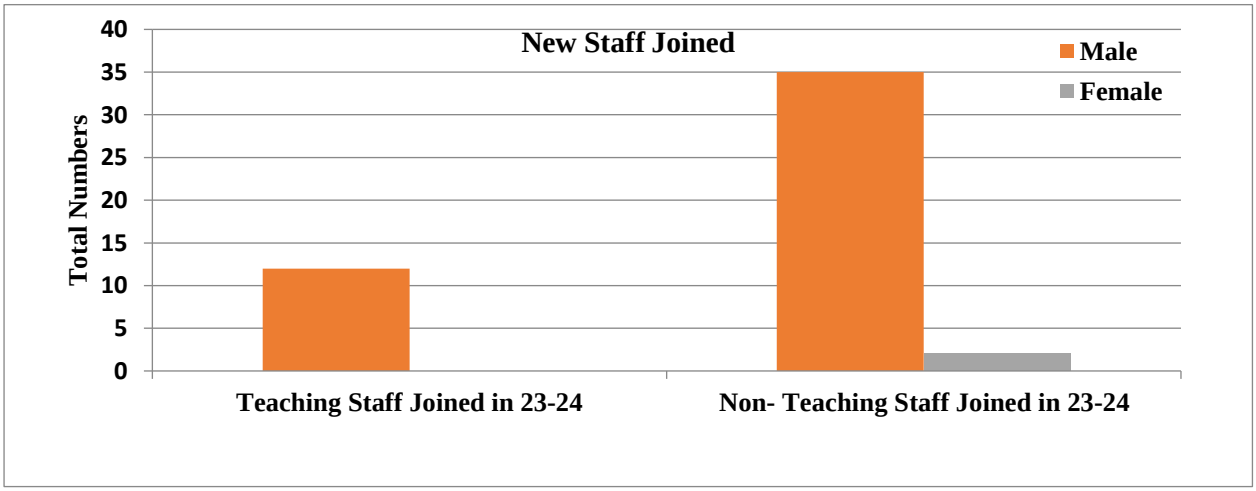
STAFF PROFILE

1. Distribution of Staff



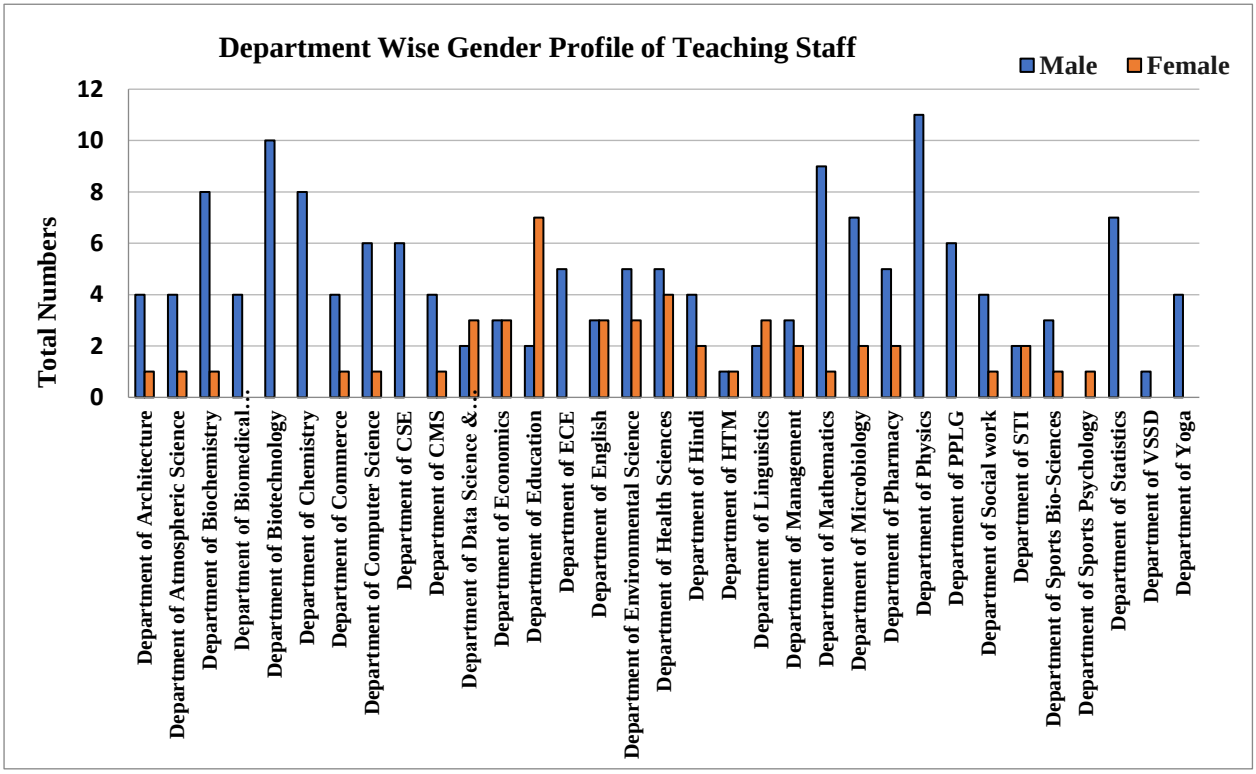
The graph shows that the majority of staff in both teaching and non-teaching staff categories are male. Teaching staff have a notable number of females compared to non-teaching.

2. Joining of New Staffs in University



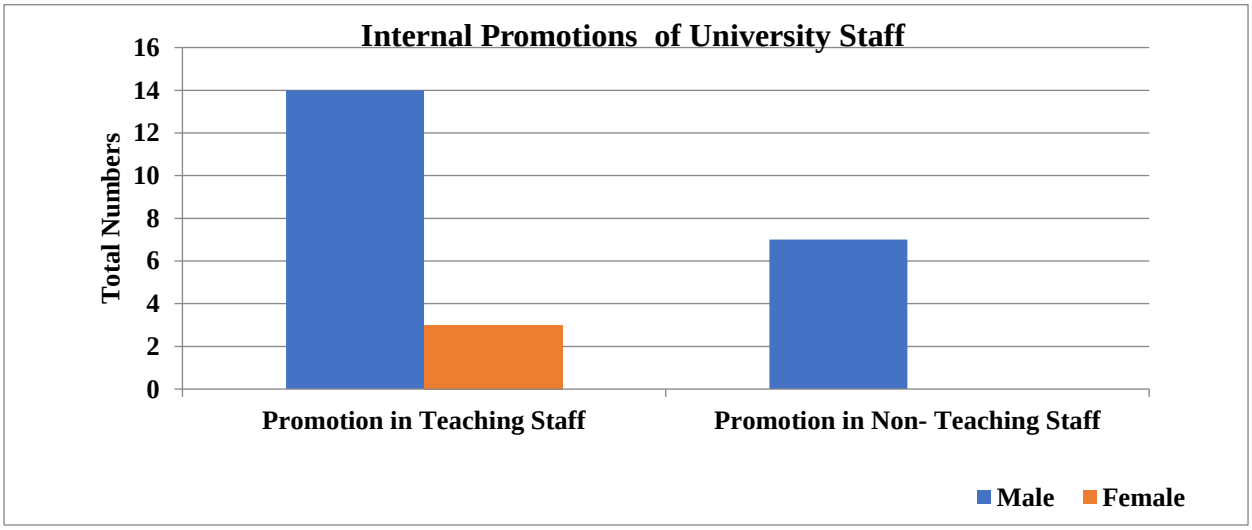
The graph indicates that newly joined staff members are mostly males in both teaching and non-teaching staff highlighting a need to motivate more females to join University in various capacities in future.

3. Department Wise Gender Profile of Teaching Staff



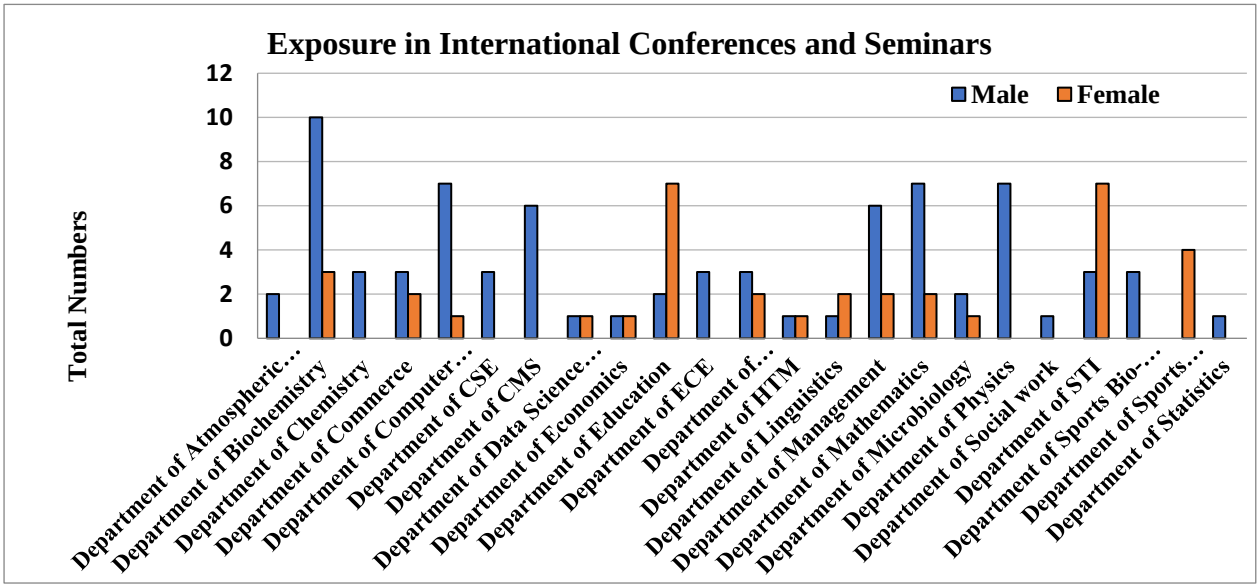
The male faculty outnumber female, in the overall representation. Four departments have an equal male and female representation. However, ten departments have only male faculty members, whereas, only one department highlights female representation.

4. Gender-wise Internal Promotion of Staff



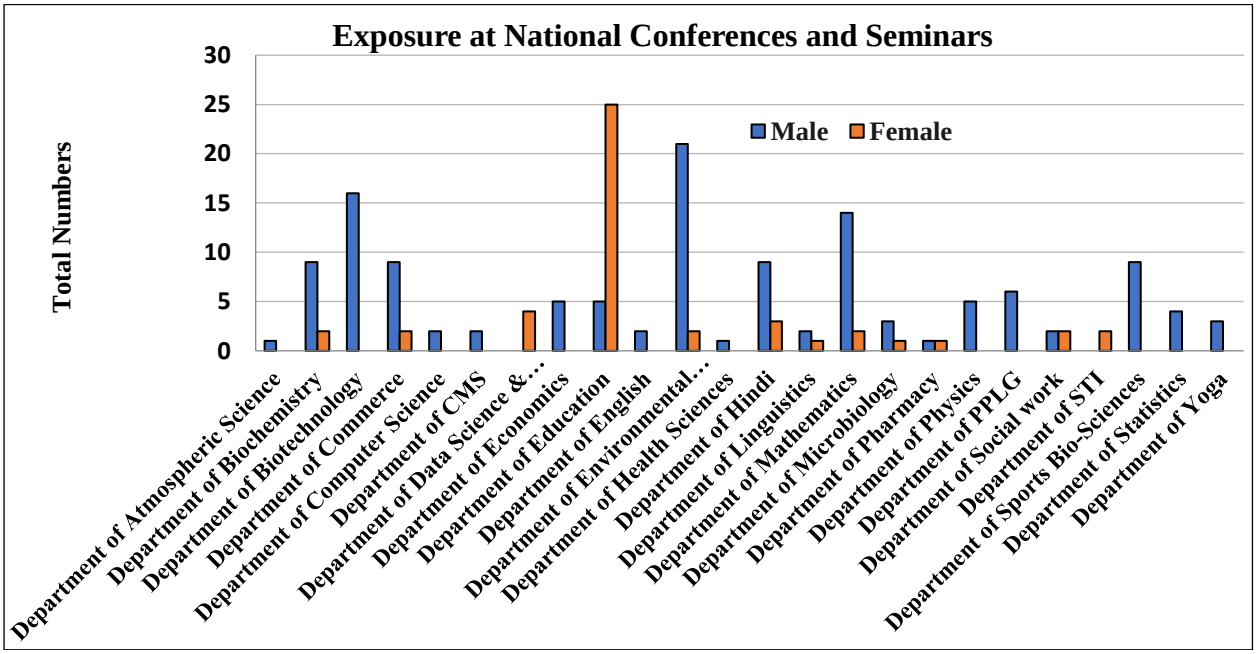
Internal promotions were given to both male and female teaching staff based on their eligibility. In non-teaching staff, no female received any internal promotion in year 2024-2025.

5. Exposure of Teaching Staff in International Conferences/Seminars etc.



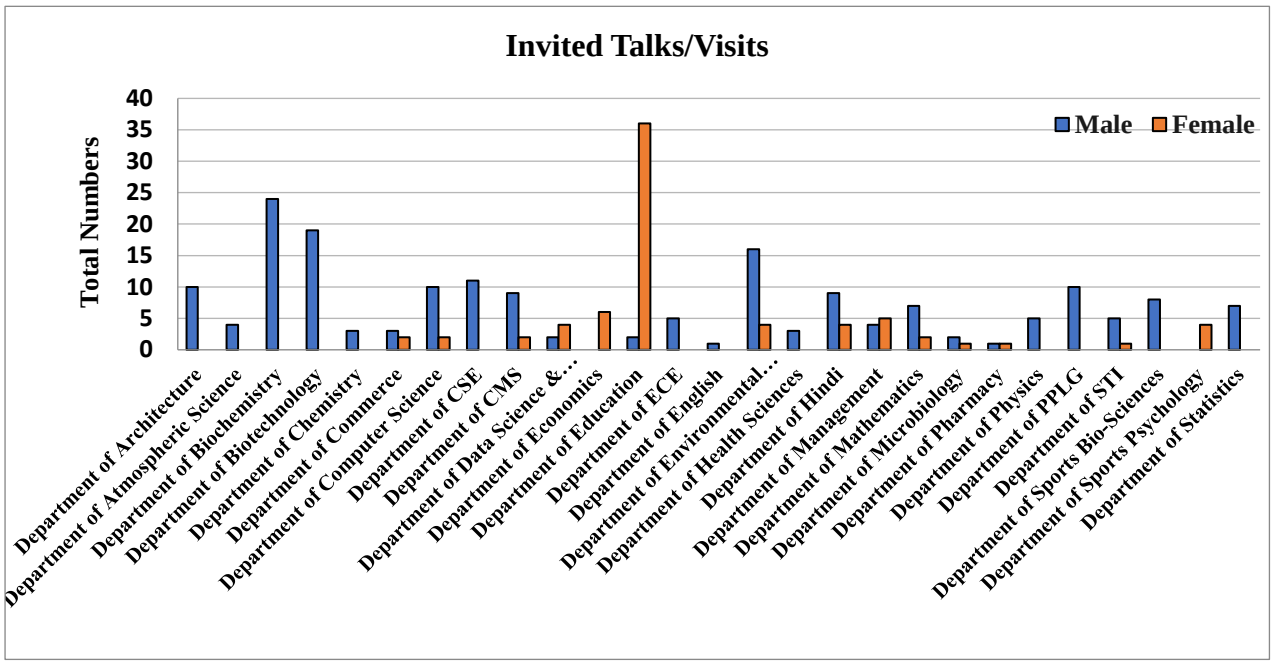
Except Department of Sports Psychology, in most of the Departments, both male and female faculty members are actively participating in International Conferences and Seminars.

6. Exposure of Teaching Staff in National Conferences/Seminars/Workshops



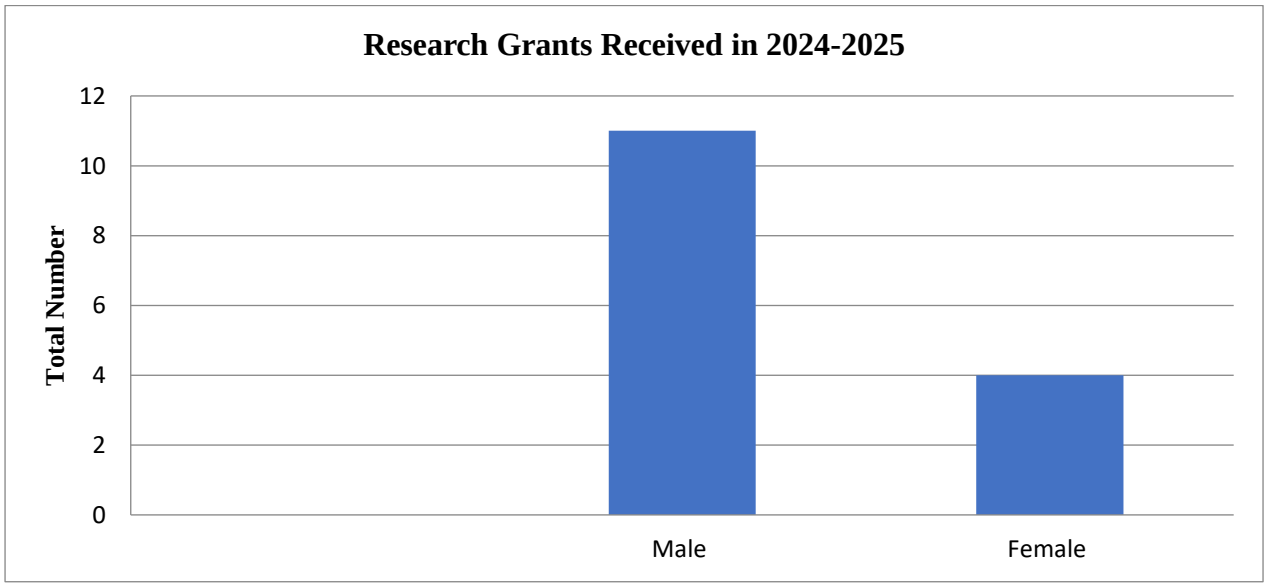
Both male and female staff participated fairly well in national academic events in almost all departments in 2024-25. However, the Department of Education stands out with significantly higher female representation because of the presence of more female members in the department.

7. Invited Talks/Visits by Faculties



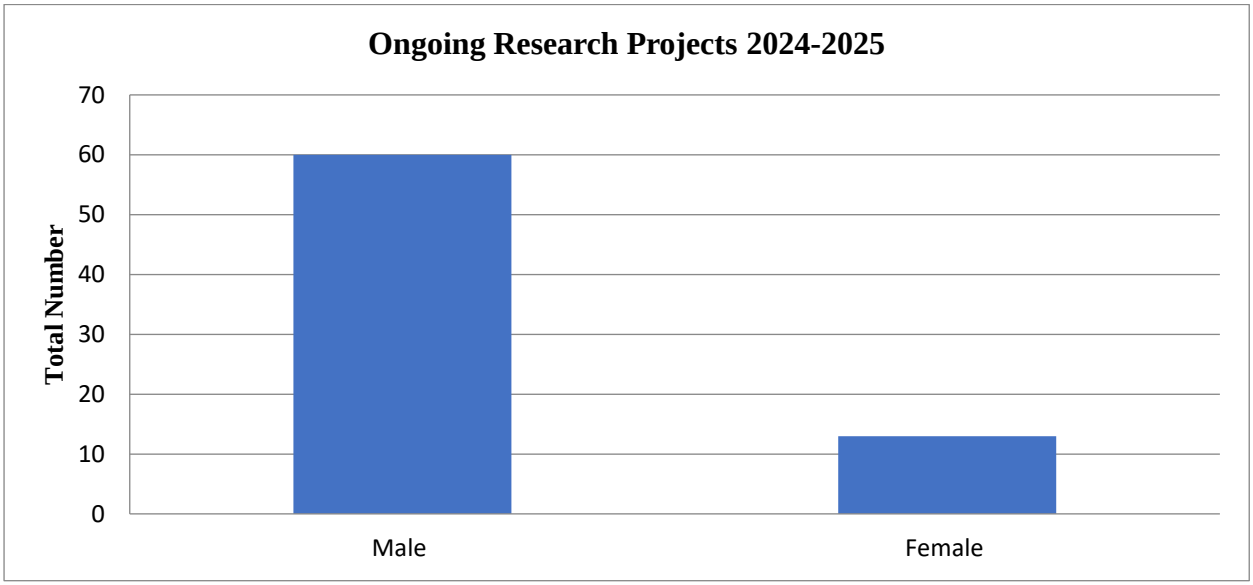
In thirteen departments, only male representation is noticed, whereas, in all remaining departments both male and female faculty members are almost equally represented in terms of invited talks and faculty visits.

8. New Research Grants Received during 2024-2025



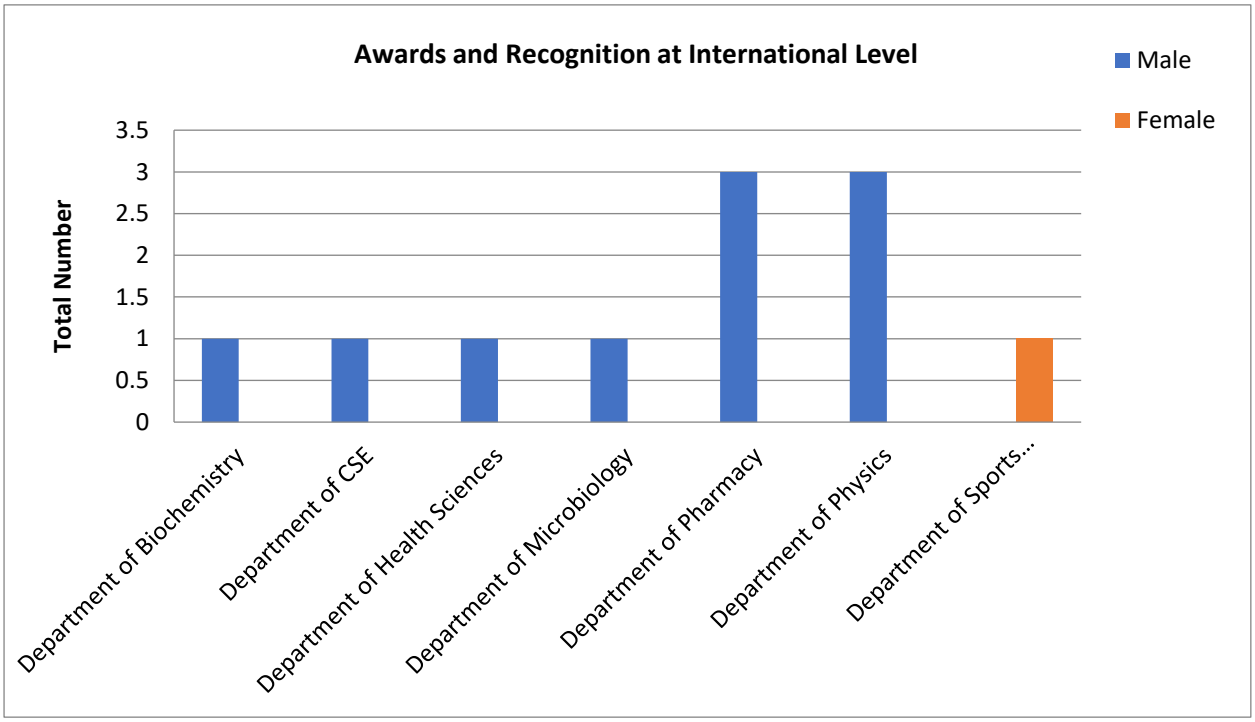
The above graphs reflect that both male and female faculty members are making efforts to draw research grants from funding agencies, however, there is still much need to motivate more women employees.

9. Ongoing Research Projects



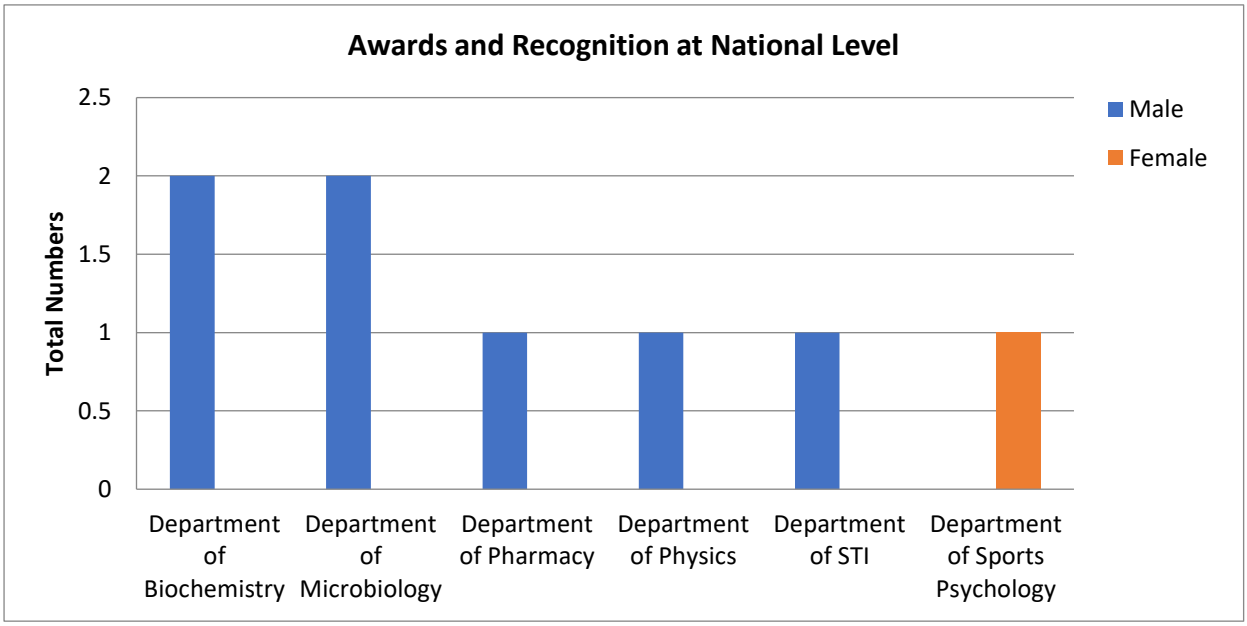
More number of male faculties are fetching research grants as compared to females.

10. Department-wise International Award and Recognition



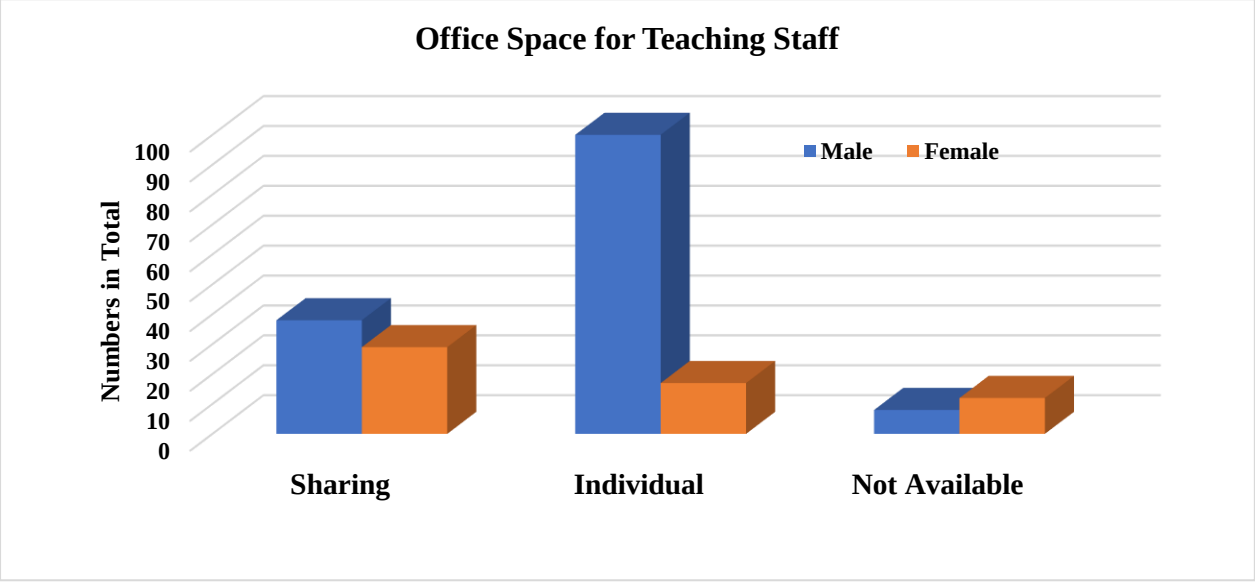
Male faculty members have done fairly well in gaining international recognition as compare to females in year 2024-2025. They received recognition as best paper awardee, top two percent world scientist, fellowship etc.

11. Department-wise National Award Recipients



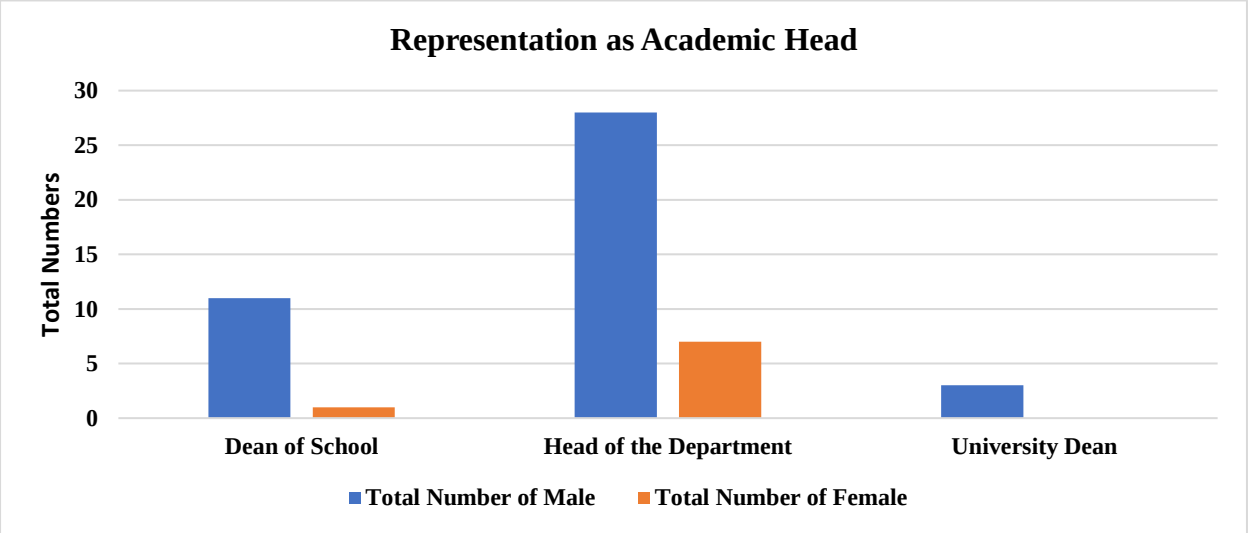
Male faculty members have done fairly well in gaining national recognition as compare to females in year 2024-2025. They received recognition as best paper awardee, fellowship, project etc.

12. Availability of Office Space



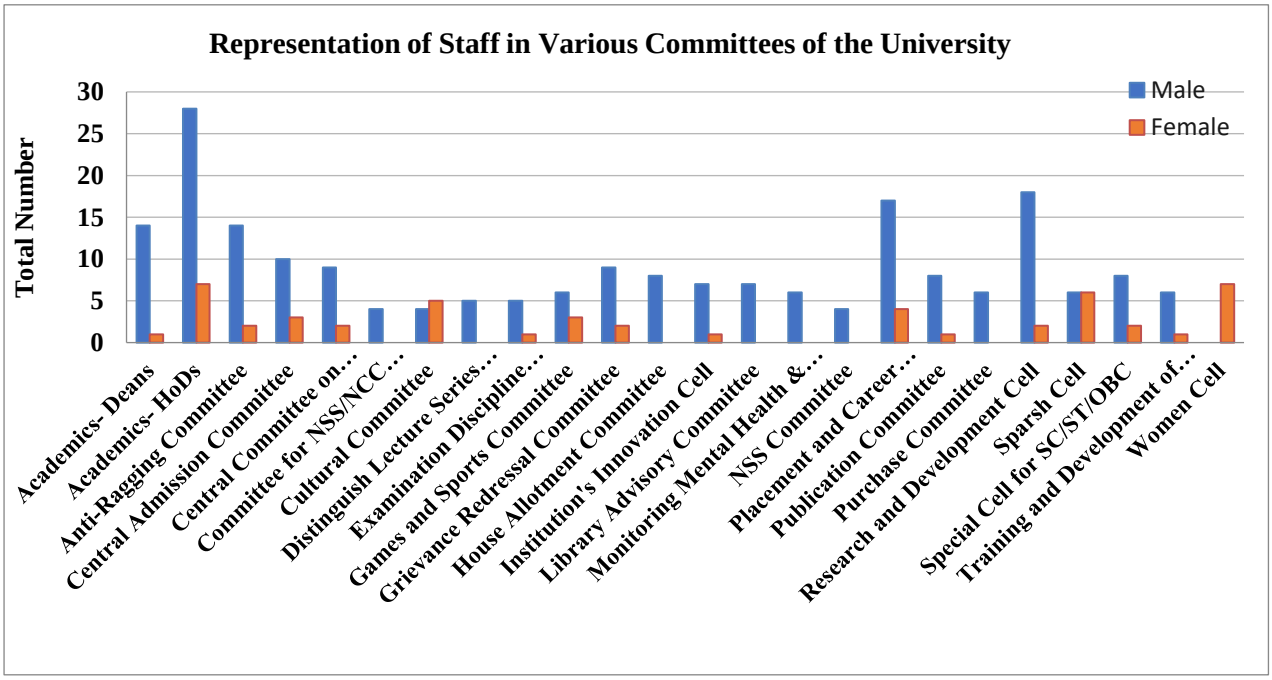
The above graphs reflects that both male and female staff is occupying their office space either on individual or shared basis. Further, majority of male faculty members are occupying individual office space, whereas, majority female faculty members are in sharing type of office space.

13. Gender Representation at Academic Level



In academic level, majority of senior positions like Head of Department, Dean of School, Dean Academics, Director Research and Development, Dean Students Welfare are headed by male staff. Only two females are Dean of School and seven females represented as Head /Coordinator of the Department in year 2024-2025. This is because women at Associate and Professor levels are less in number and these posts are also filled on the basis of rotation.

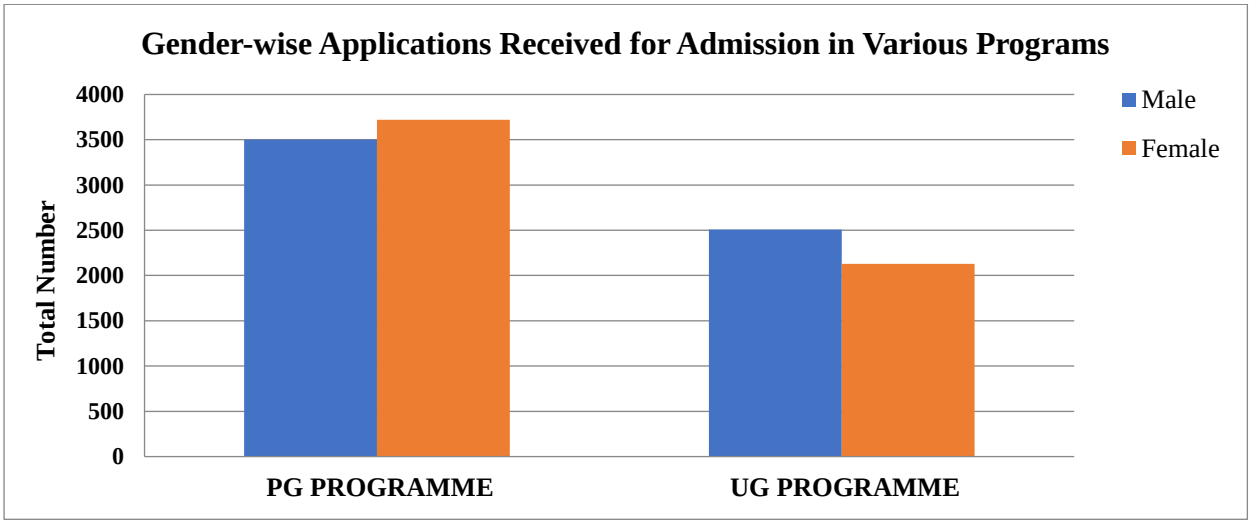
14. Representation of Staff in Various Committees of the University



Except in eight Committees, both male and female faculty members are fairly represented in all other Committees of the University.

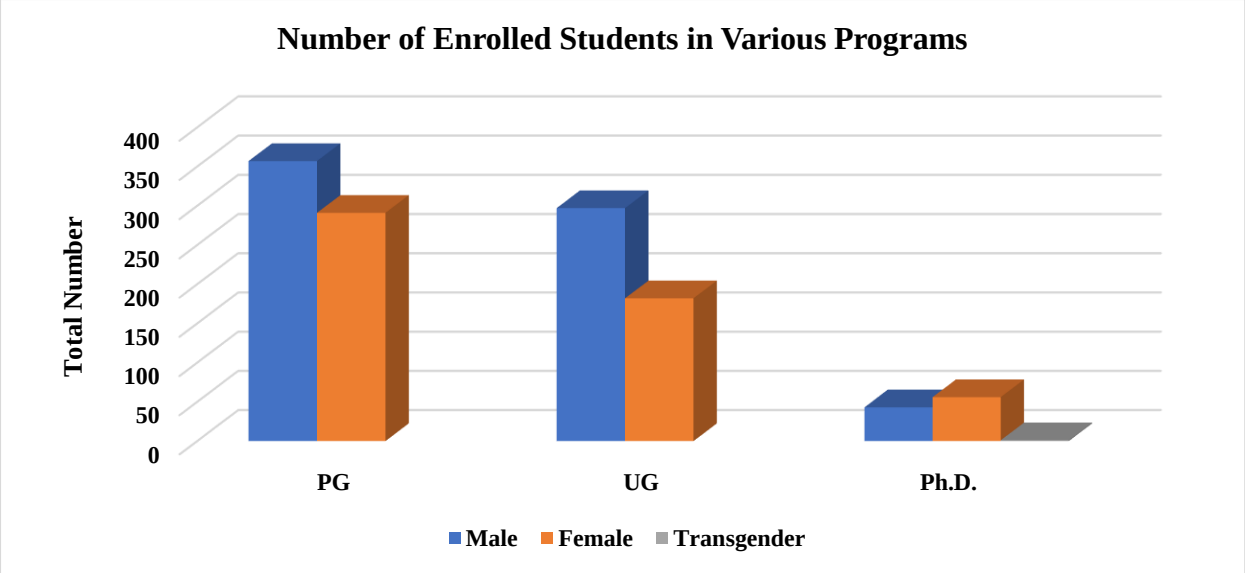
STUDENT'S PROFILE

15. Number of Applications Received for Admission through CUET



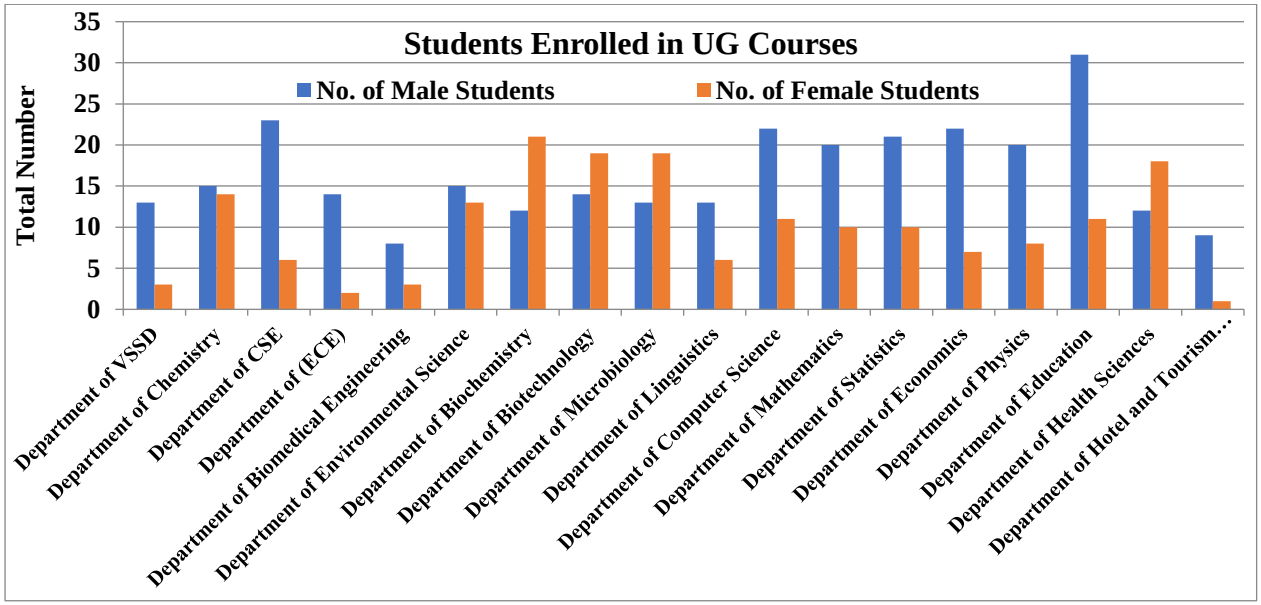
Both male and female candidates are actively applying for admission across programs. While female applications are slightly higher in PG programmes, male applications dominate UG programmes including B.Sc. B.Ed.

16. Number of Enrolled Students in Various Programs



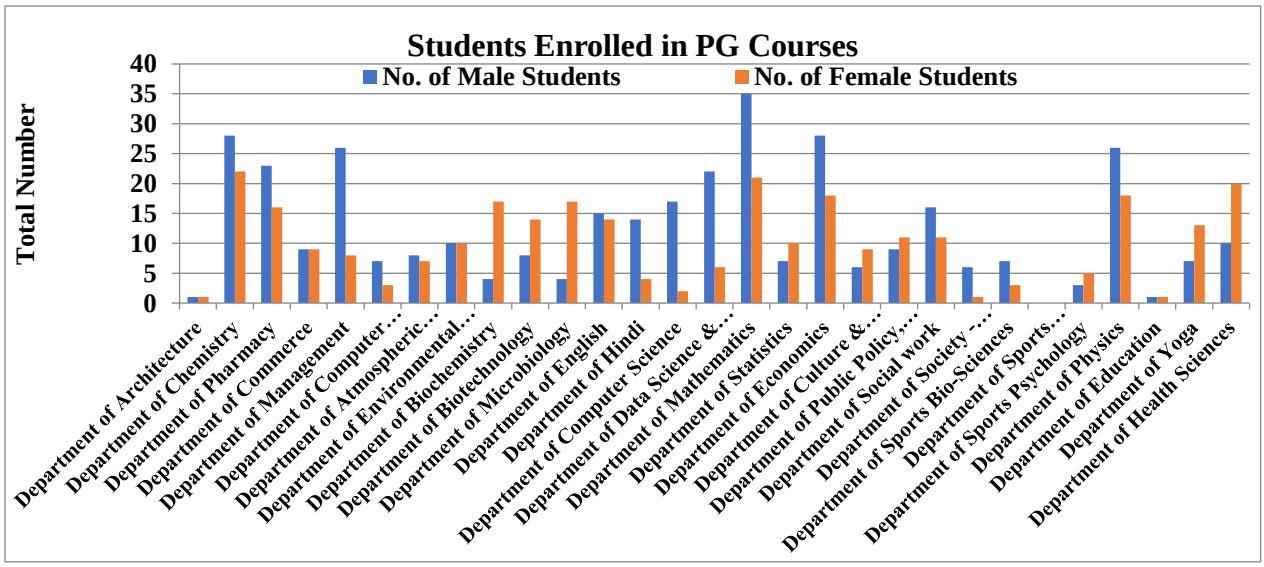
In all academic program including UG, PG and Ph.D. students entrollment is high. However, slight variation is notice among male and female enrollment. Enrollment of male is higher in UG and PG programs, while females lead at the Ph.D. level. Transgender student is also admitted in Ph.D. program, reflecting growing inclusivity and diversity in higher education.

17. Department-wise Gender Profile of Undergraduate Students



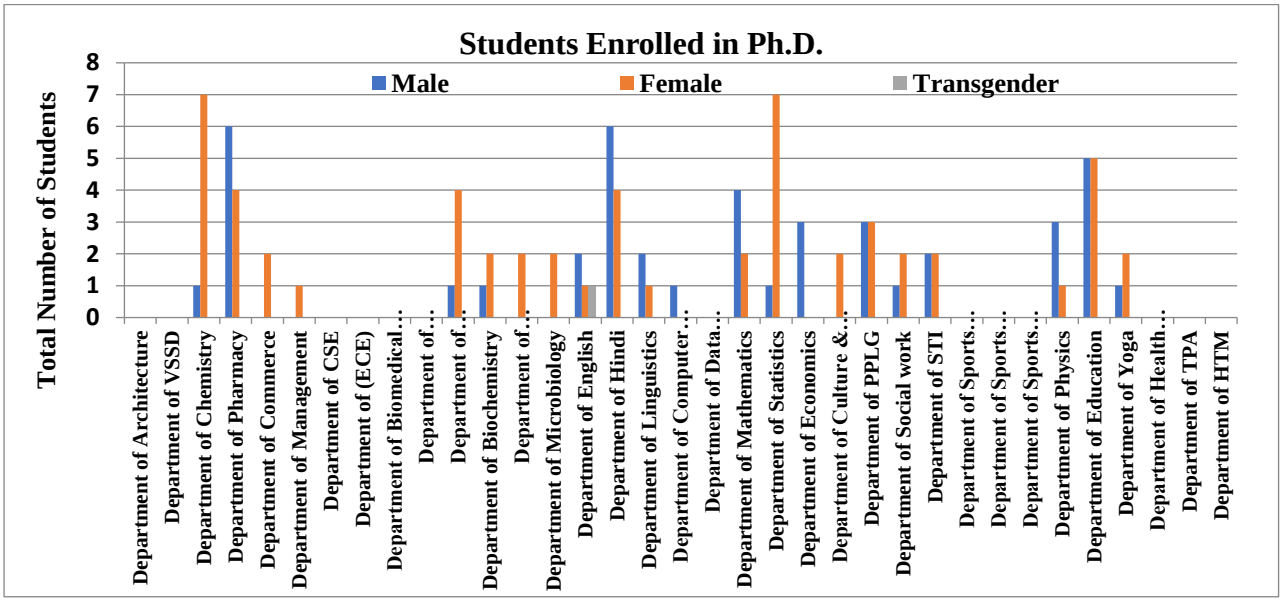
In UG programs, male enrollment is higher in most of the Departments, while females lead in Biochemistry, Biotechnology, Microbiology, and Health Sciences. In contrast, Education and Hotel & Tourism show a strong male majority, reflecting clear gender differences in choices of departments by each gender.

18. Department-wise Gender Profile of Post Graduate Students



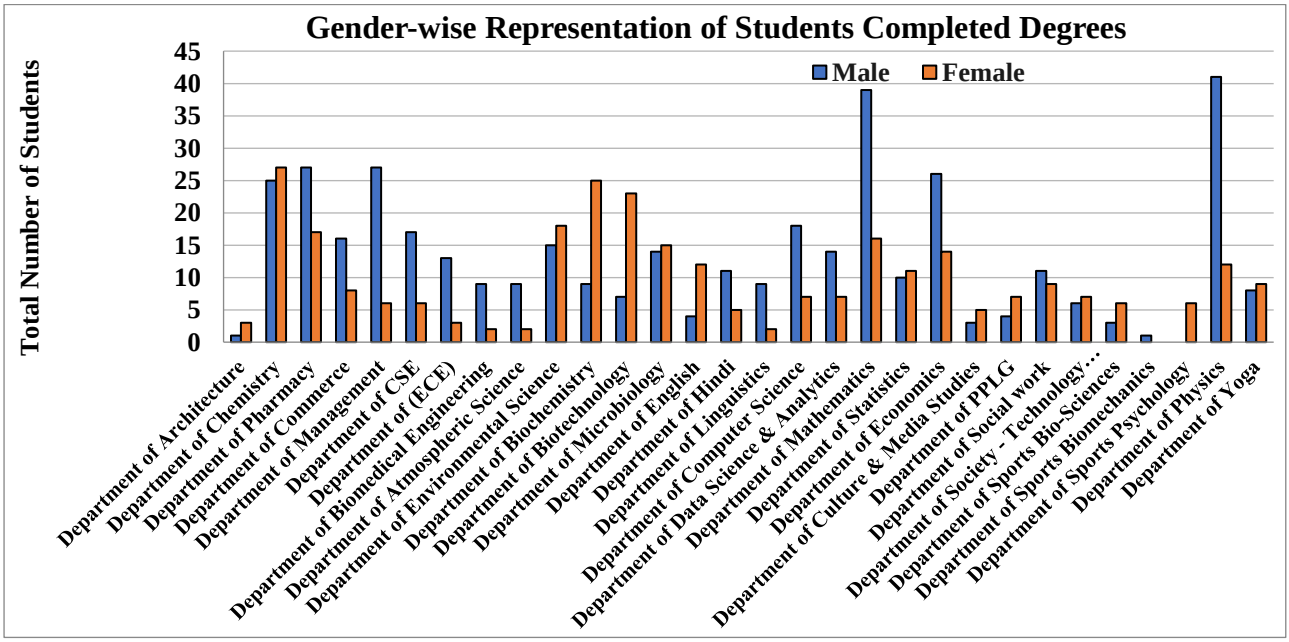
In PG courses, male students dominate in 15 courses mostly belonging to Science, Engineering, and other technical fields, whereas, females lead in 9 departments, including Science, Social Sciences and Yoga. Four departments, including Commerce, EVS, Education, and Architecture show equal female and male representation.

19. Department-wise Gender Profile of Ph.D. Students



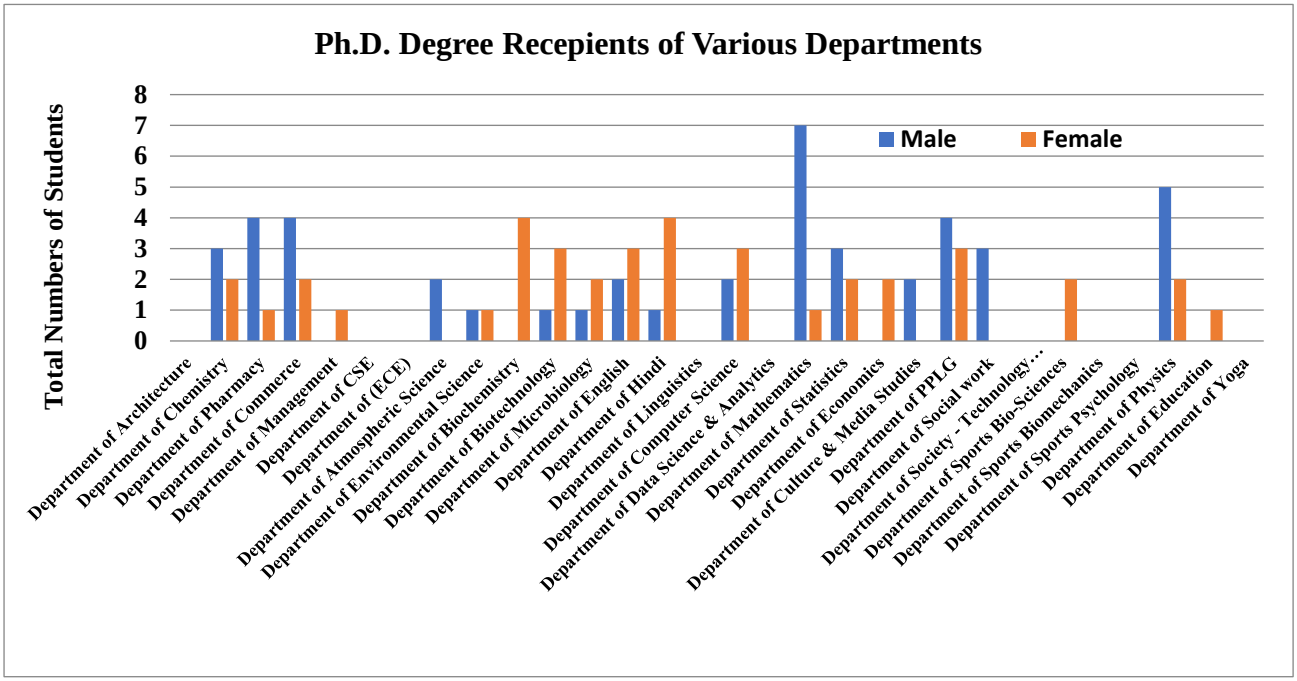
In Ph.D., female enrollment across departments is higher. One transgender student is also admitted in Department of English, reflecting progressive inclusion. However, PPLG and STI show equal female and male enrollment.

20. Number of Students Completed Degree in Various Departments



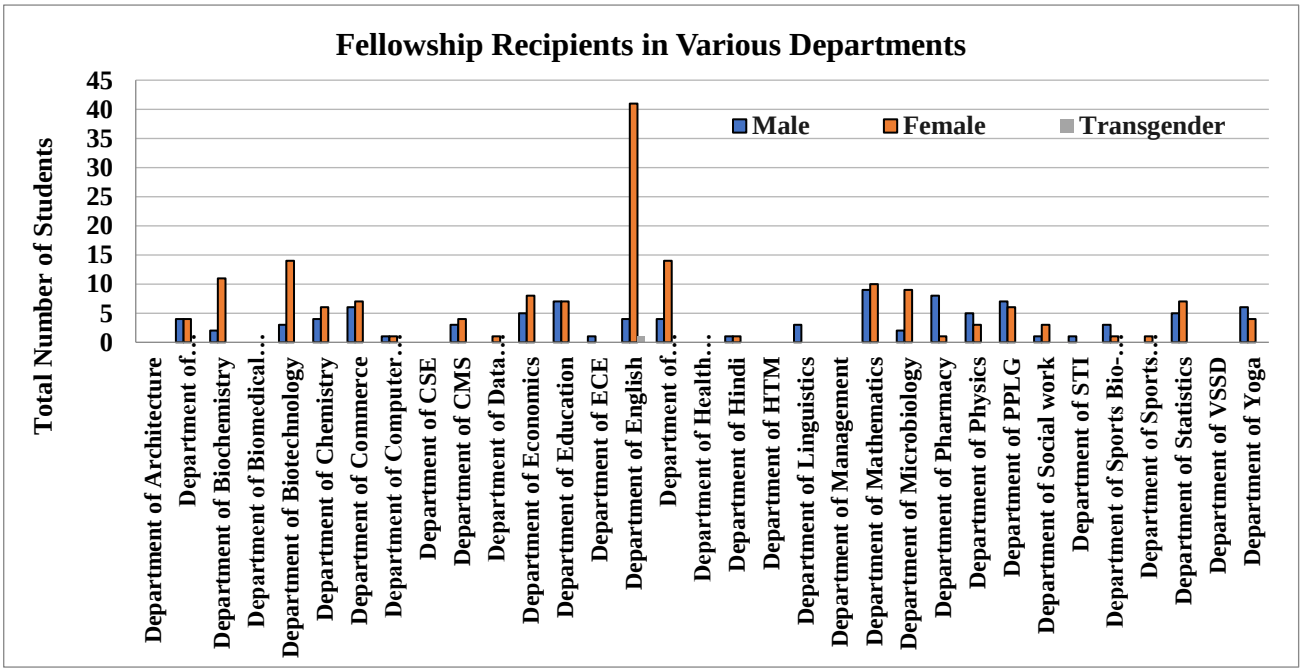
Both male and female students are doing fairly well in completion of their degrees as per their enrollment. However, in four departments male students outnumber female students, whereas, in four departments female outnumber male students.

21. Gender-wise Distribution of Ph.D. Degree Recipients



Both male and female students are actively receiving Ph.D. degrees across all departments.

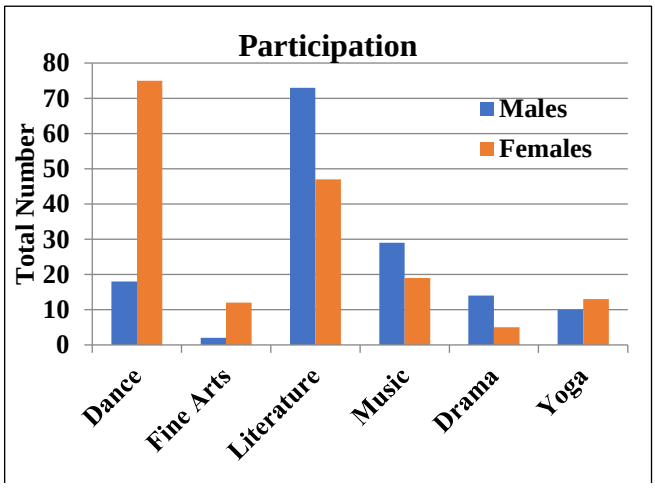
22. Gender-wise Distribution of Fellowship Holders

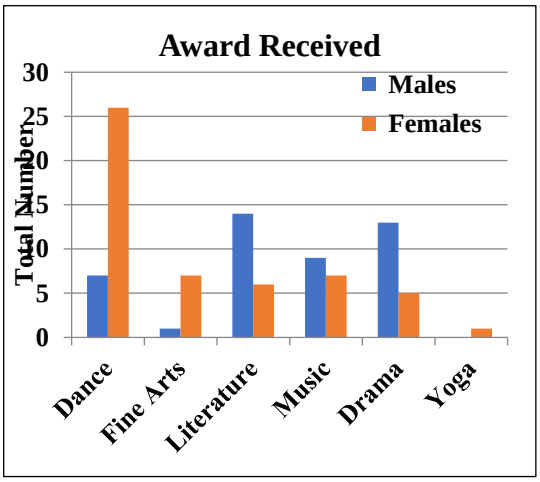


Although, both male and female students performed well in drawing fellowships from external agencies including UGC, CSIR, DBT, etc. whereas, Department of English, Biotechnology, Bio Chemistry and EVS are representing more female fellowship holders.

23. Achievement in Curricular & Extra-Curricular Activities

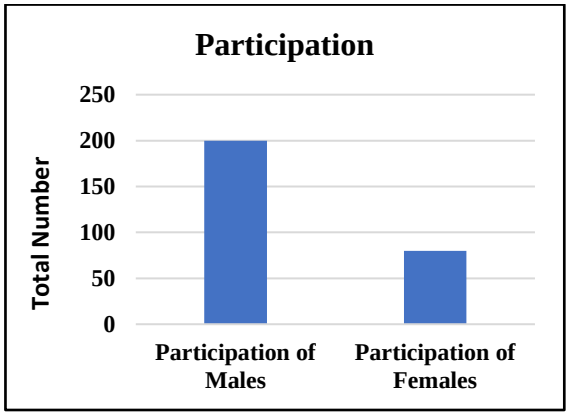
A. Participation in Various Cultural Activities

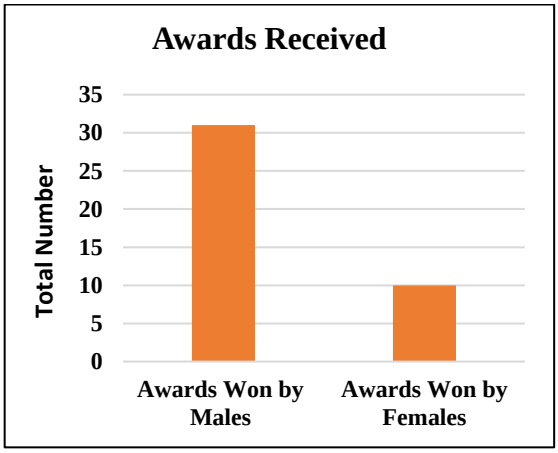




Both male and female students are actively participating and receiving awards in various cultural activities. In terms of choices, females preferred Dance and Fine Arts activities, whereas, males lead in Literature, Drama, and Music. Award receipt also mirrors these trends.

B. Participation in Sports Activities

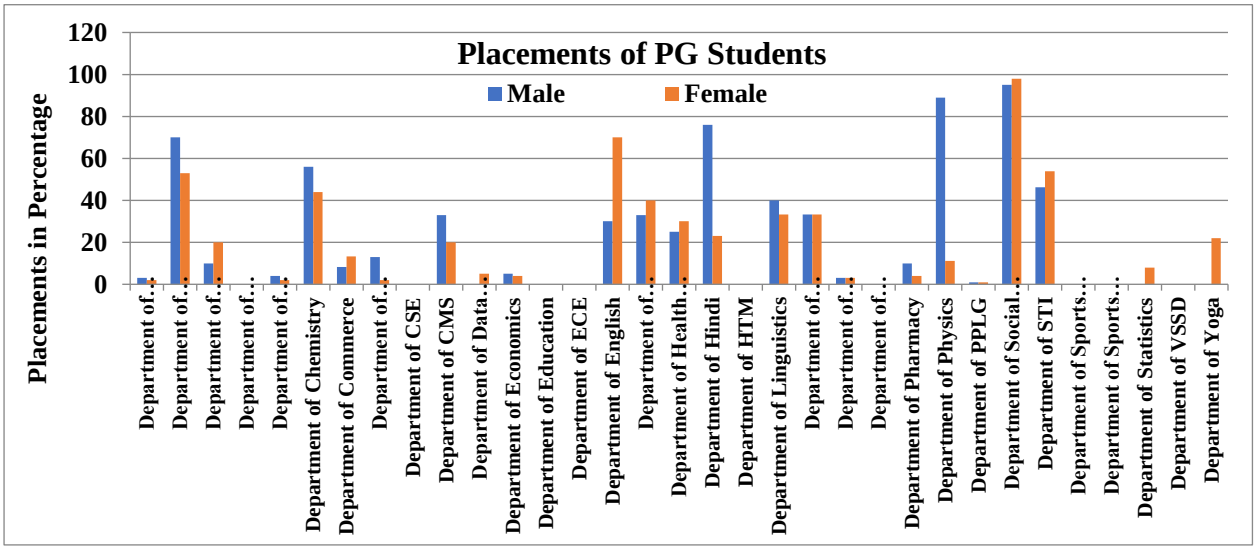




Males have shown more interest in sports activities as compared to females in year 2024-2025. Similarly, males win significantly more sports awards. A good number of females participation in sports is also noted.

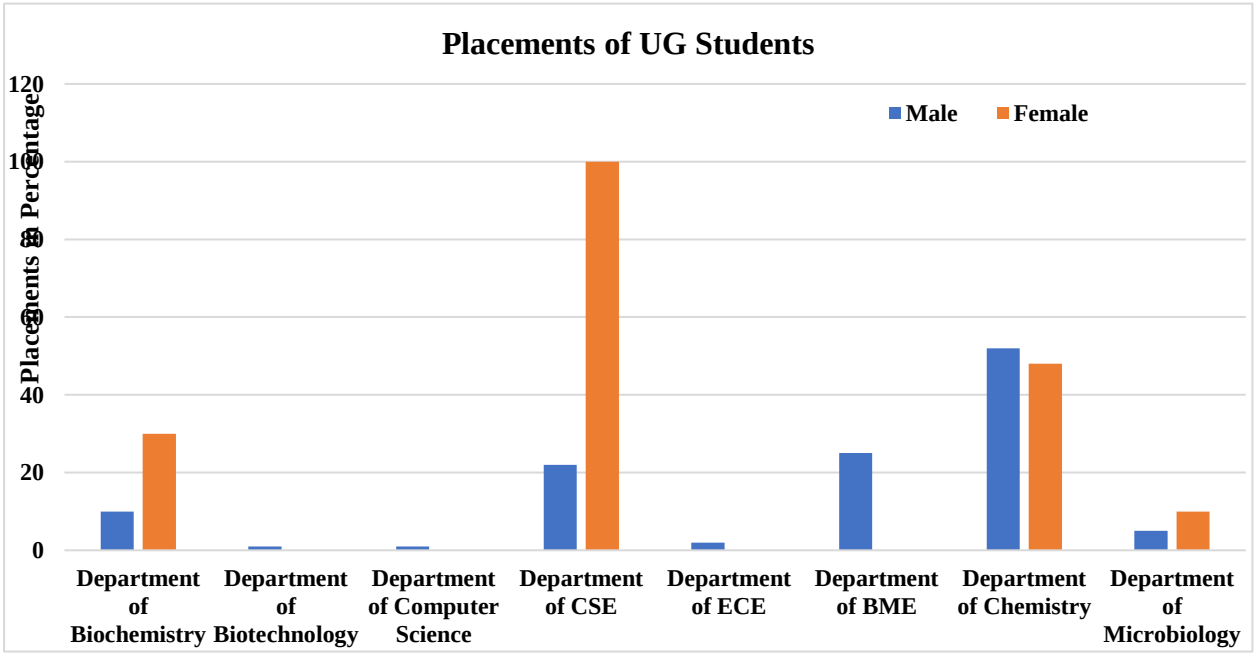
24. Student Progression

A. Placements of Postgraduate Students in Various Departments



Except few departments, majority of departments represent higher placement percentages for both male and female students, reflecting positive student progression. Only three departments: Data Science & Analytics, Statistics and Yoga secured only female placements.

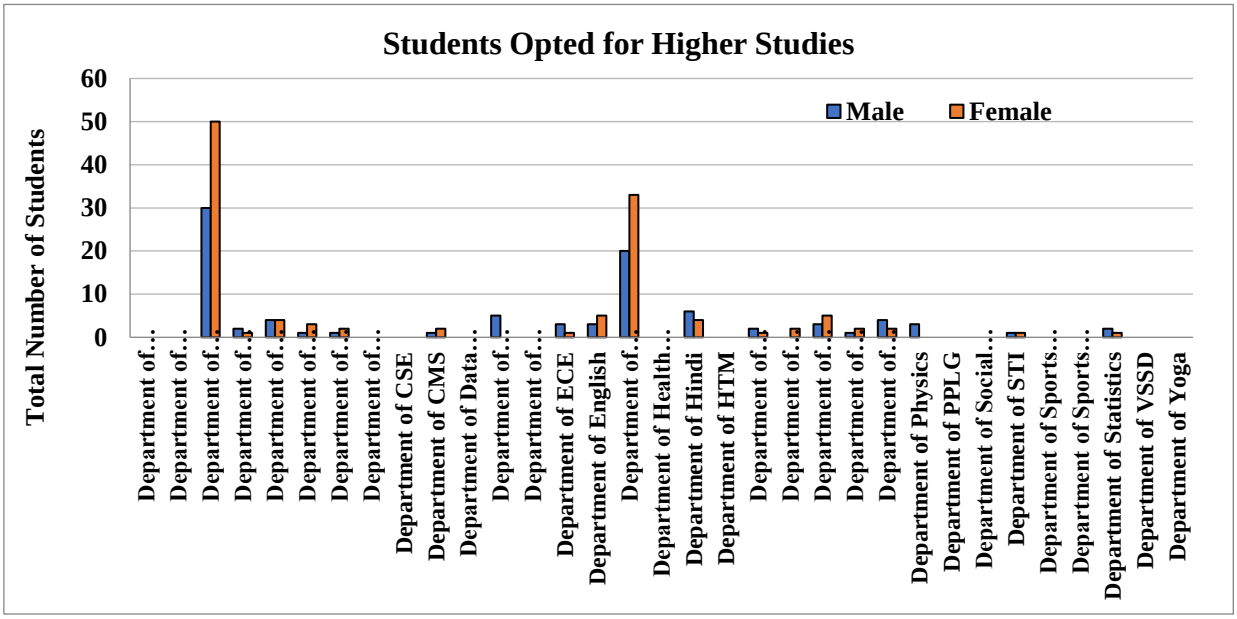
B. Placements of Under Graduate Students in Various Departments



Females have significantly higher placement rates in three departments including Biochemistry, Computer Science Engineering and Microbiology. However, departments of

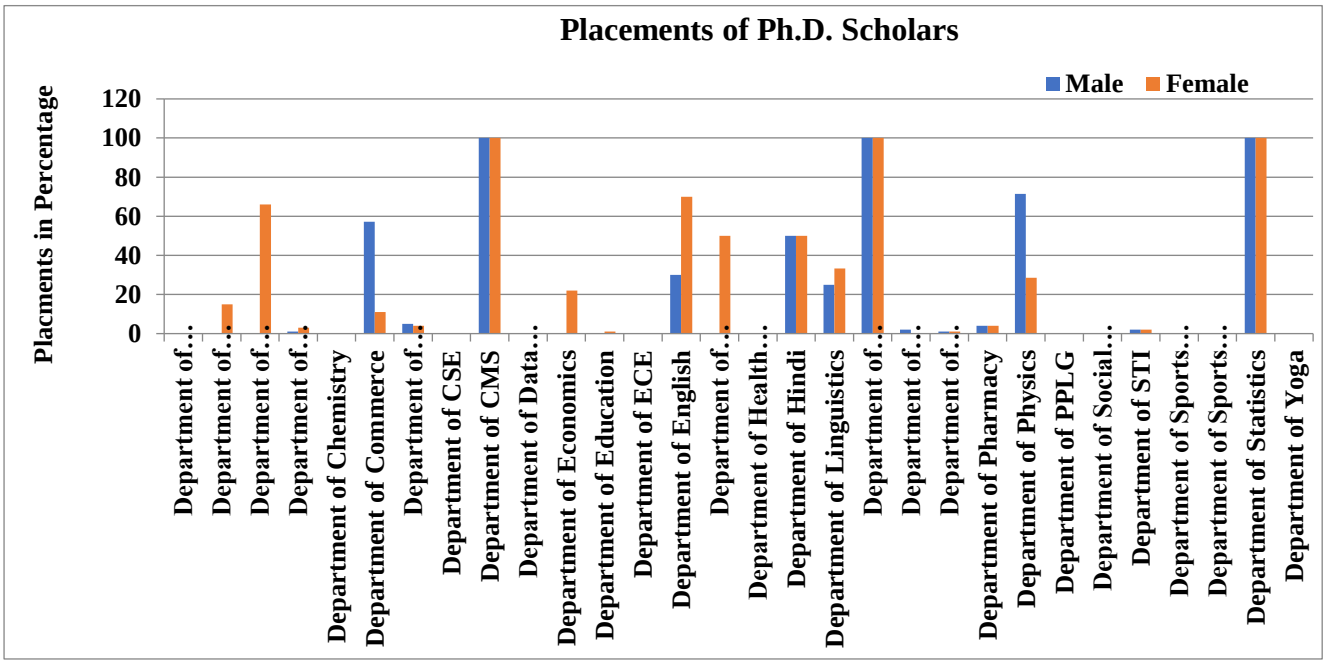
Biotechnology, ECE, Computer Science and Biomedical Engineering hold only male placements. This reflects more efforts towards maintaining equality across all genders.

C. UG and PG Students Opted for Higher Education



Both male and female students of departments of Biochemistry and EVS had joined higher studies, whereas, the choice for higher studies in other departments are significantly low in year 2024-2025.

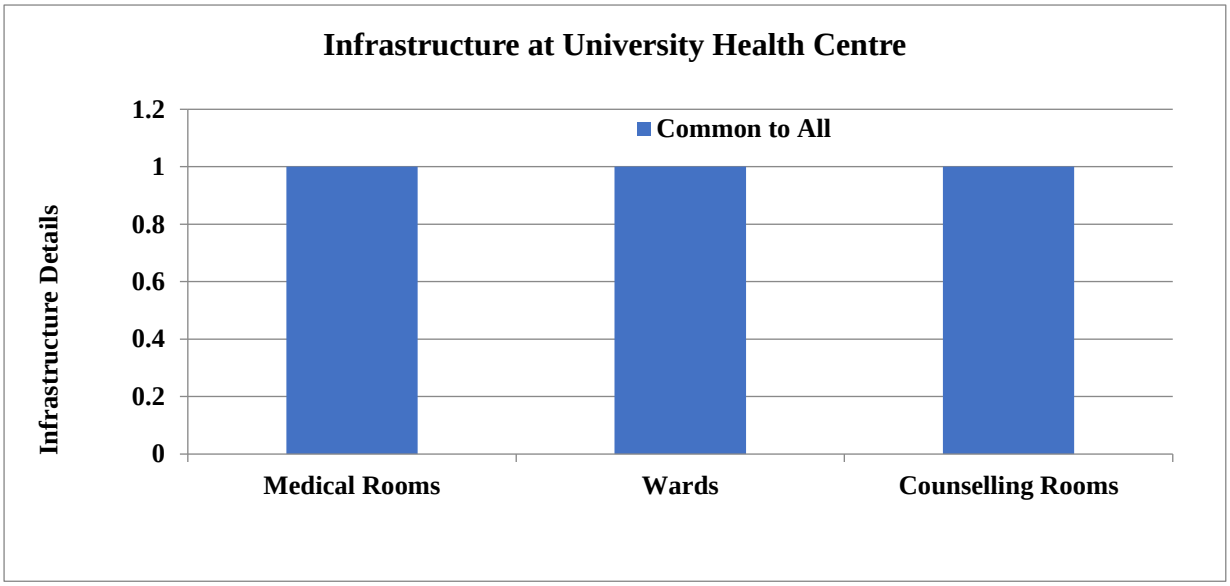
D. Placement of Ph.D. Scholars in Various Departments



In four departments, only female students secured placement in year 2024-2025. In rest of the departments, both male and female students secured placements. However, few departments do not reflect any placement.

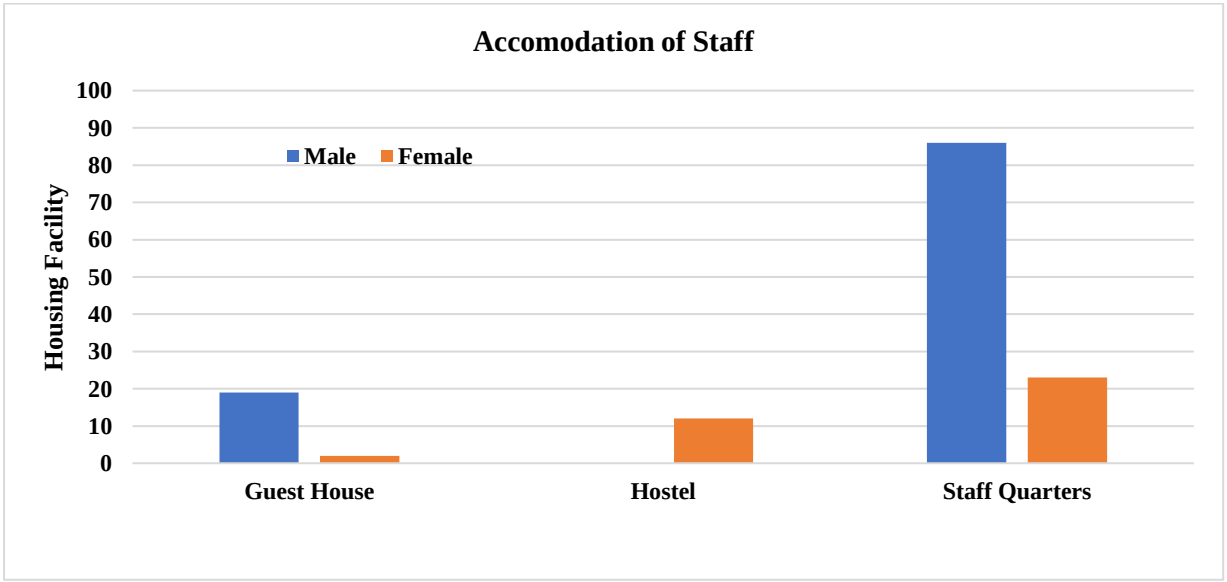
OTHER FACILITIES

25. Health Centre Facility



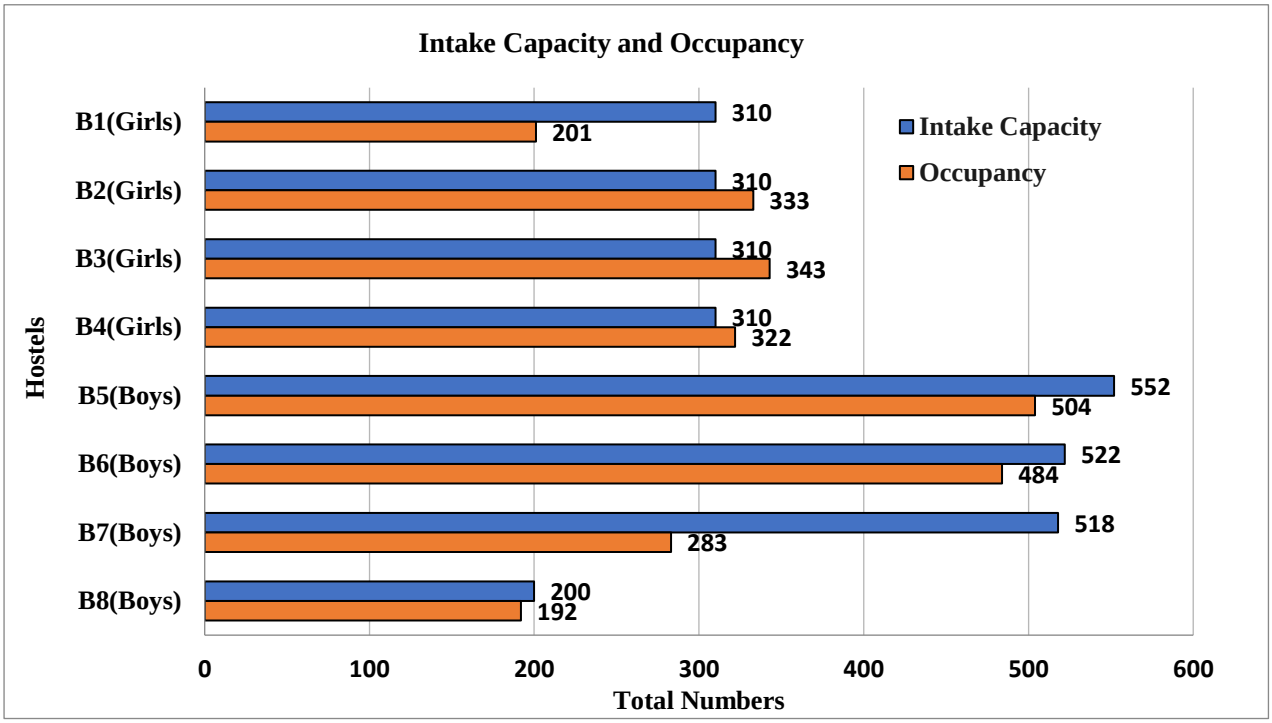
Medical facilities are avaiable to both the gender equally and on shared basis including one medical room, ward, and counselling room.

26. In-campus Housing Facility of staff



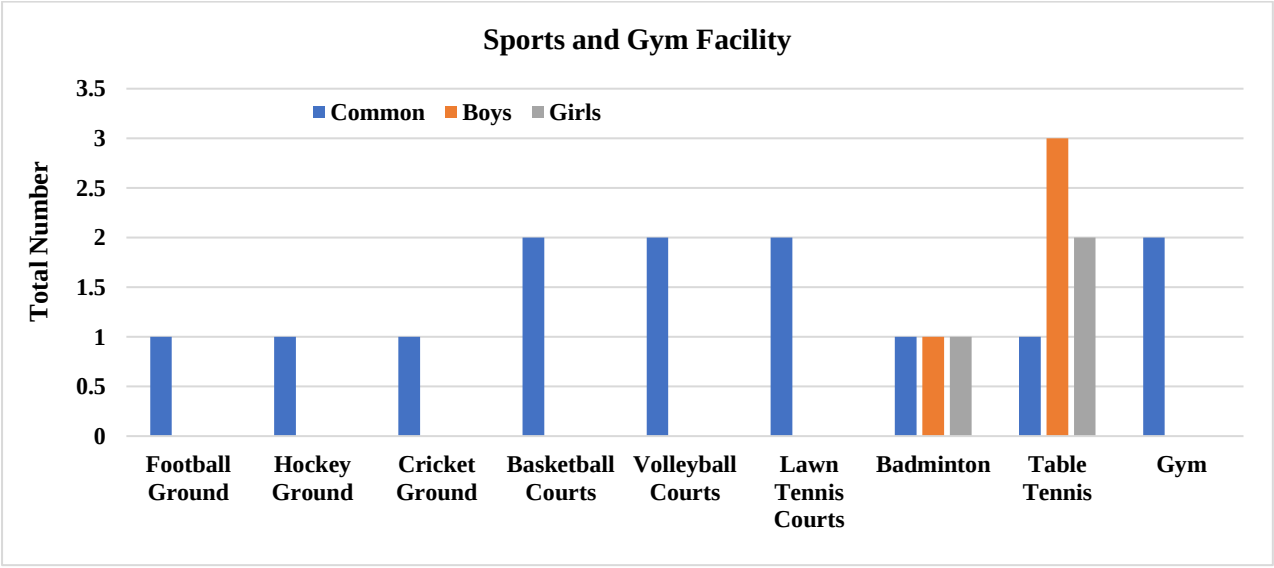
Majority of Male staff is residing in Staff Quarters and Univeristy Guest House, whereas, females are mostly residing in Staff Quarters and Hostel. Only two female staff are residing in Guest House.

27. Accomodation for Students



Except in girls hostels B2, B3 and B4, remaining hostels of both boys and girls are fairly accomodated based on their intake capacity.

28. Sports and Gym Facility



Most of the Outdoor Sports and Gym facilities are commonly shared by all genders, whereas,The Indoor Sports facilities including Badminton and Table Tennis is available at individual an common level for all genders.

OTHER INITIATIVES

29. WOMEN CELL

A. International Women's Day Celebration

The Central University of Rajasthan celebrated International Women's Day on March 8, 2025, at the 4A5 Auditorium with a grand ceremony featuring inspiring addresses, felicitations, and cultural performances. Presided over by Hon'ble Vice Chancellor Prof. Anand Bhalerao and graced by Chief Guest Ms. Mudita Bhargava. The event highlighted women's empowerment, equality, and contributions across fields. A special felicitation was conferred on Mrs. Sudhamma (Sujata Chandran) for her pioneering work in biodiversity conservation, while the Young Achievers Awards recognized Prof. Richa Kothari (Scientific Excellence), Mrs. Ruma Devi (Social Impact), and Mrs. Meha Dinesh (Entrepreneurship). Each honouree received a cheque, shawl, citation, Bhagavad Gita, and memento. The program opened with a welcome by Dr. Pragati Jain and concluded with a vote of thanks by Dr. Garima Kaushik, drawing enthusiastic participation from the entire University community in a memorable affirmation of women's resilience, power, and leadership.



Felicitation of Women Achievers

Sensitization on Gender issues through Various Activities

As part of student activities, the Women's Cell of the Central University of Rajasthan organized several events celebrating women's empowerment and contributions. A quiz competition on February 20th, 2025, themed "Women's Contributions Worldwide", engaged five teams across eight rounds, coordinated by Dr. Rina Godara and Dr. Nithya Prem S.R. An extempore competition on February 21st, 2025, saw the participation of 40 students speaking on women empowerment, coordinated by Dr. Rina Godara. A digital poster-making contest on February 18th, 2025, coordinated by Dr. Bhavna Saini, highlighted creative expressions of empowerment. Additionally, a wellness-focused

event, "Pink Sunday", was celebrated on March 9th, 2025, bringing together students for cycling and yoga to promote strength, wellness, and empowerment.



Quiz Competition



Extempore



Celebration of "Pink Sunday"

30. SPARSH CELL

On 30th August 2024, an Orientation and Sensitization program was held at the Seminar Hall, SP-IV building, for the students of the School of Social Sciences and UCC members. The session focused on raising awareness about gender-based discrimination, sexual harassment, and other acts of gender-based violence, with the aim of sensitizing University students.



Orientation and Sensitization program

Authorities of the University

Members: Executive Council

Statute 11(1)(i):	Vice-chancellor
1	**Prof. Anand Bhalerao**, Vice Chancellor, Central University of Rajasthan Email: vc@curaj.ac.in, anandbhalerao@curaj.ac.in
Statute 11(1)(ii):	Secretary, Deptt. of Higher Education, Ministry of Education, Govt. of India, or his/her nominee
2	Secretary, Department of Higher Education, Ministry of Education, Govt. of India, Shastri Bhawan, New Delhi-110 001. Email: secy.dhe@nic.in
Statute11(1)(iii):	Chairman, UGC or his / her nominee
3	**Prof. Rabi Narayan Kar,** **(3 year term completed on 09.06.2025, new member appointed on 04.07.2025)** Principal, Shyam Lal College, Delhi Email: rabikar.du@gmail.com, rabikar.du@shyamlal.du.ac.in principal@shyamlal.du.ac.in
Statute 11(1)(iv):	Principal Secretary, Higher Education of the State Government or his/her nominee not below the rank of Secretary preferably dealing with matters relating to Higher Education
4	Principal Secretary, Higher Education Department, Government of Rajasthan, Main Building, Secretariat, C-Scheme, Jaipur-302005 (Rajasthan). Email: secretaryhte@gmail.com
Statute 11(1)(v):	Pro-Vice Chancellor; if any
5	(Vacant)
Statute 11(1)(vi):	Four members from among Deans of Schools of Studies, by rotation according to seniority, to be appointed by the Vice-Chancellor
6	**Dr. Prakash Choudhary** Dean, School of Engineering & Technology Email: dean.et@curaj.ac.in
7	**Prof. Easwar Srinivasan** Dean, School of Chemical Science & Pharmacy dean.scps@curaj.ac.in
8	**Prof. Chandi Charan Mandal,** Dean, School of Life Sciences, Email: dean.ls@curaj.ac.in, ccmandal@curaj.ac.in
9	**Dr. Devesh Sharma,** Dean, School of Earth Sciences, Email: dean.es@curaj.ac.in, deveshsharma@curaj.ac.in

Statute 11(1)(vii):	One Professor who is not a Dean, by rotation according to seniority, to be appointed by the Vice-Chancellor
10	Prof. Inshad Ali Khan, Department of Microbiology, Email: inshad@curaj.ac.in
Statute 11(1)(viii):	One Associate Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor
11	**Dr. Shital Prasad Mahendra**, Associate Professor & Head Department of Hindi Email: spmahendra@curaj.ac.in
Statute 11(1)(ix):	One Assistant Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor
12	**Dr. Tulsee Giri Goswami**, Assistant Professor, Department of Management Email: tulseegoswami@curaj.ac.in
Statute 11(1)(x):	Two of the elected members of the Court, none of whom shall be an employee or student of the University or an institution recognised by or associated with the University, to be nominated by the Visitor
13	(Vacant)
14	(Vacant)
Statute 11(1)(xi):	Four persons of distinction in academic and public life, to be nominated by the Visitor
15	**Prof. Kamta Prasad Namdeo**, D/o Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur Email: knamdeo@yahoo.com
16	**Prof. Vaishali Sovind Khaparde**, Head, Dept. of Library & Information Science, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar Email: khapardevaishali@gmail.com
17	**Prof. Ranjana Bajpai,** Dept. of Geography, Ravenshaw University Cuttack Email: rbajpai@ravenshawuniversity.ac.in
18	**Prof. Rajesh Kumar Jangir**, Centre for Economic Studies and Planning, School of Social Sciences, JNU, New Delhi Email: rkjangir@mail.jnu.ac.in
Statute 6(6):	The Registrar shall be the *ex-officio* Secretary of the Executive Council and Academic Council, but shall not be deemed to be a member of either of these authorities.
19	**Sh. Amardeep Sharma** Registrar, Central University of Rajasthan Email: registrar@curaj.ac.in

Members: Academic Council

Statute 13(1)(i): The Vice-Chancellor, Chairman (Ex-Officio)	
1	**Prof. Anand Bhalerao** Vice Chancellor, Central University of Rajasthan, Email: vc@curaj.ac.in, anandbhalerao@curaj.ac.in
Statute 13(1)(ii): The Pro-Vice Chancellor, if any	
	(Vacant)
Statute 13(1)(iii): Deans of Schools of Studies	
2	Dean, School of Chemical Sciences and Pharmacy
3	Dean, School of Earth Sciences
4	Dean, School of Commerce & Management
5	Dean, School of Engineering and Technology
6	Dean, School of Physical Sciences
7	Dean, School of Sports Sciences, Yoga and Education
8	Dean, School of Mathematics, Statistics & Computational Sciences
9	Dean, School of Social Sciences
10	Dean, School of Humanities and Languages,
11	Dean, School of Architecture,
12	Dean, School of Life Sciences,
13	Dean, Interdisciplinary School of Health Sciences
Statute 13(i)(iv): Heads of Teaching Departments/Centers	
14	Head, Department of Management
15	Head, Department of Social Work
16	Head, Department of Education

17	Head, Department of Mathematics
18	Head, Department of Physics
19	Head, Department of Microbiology
20	Head, Department of Commerce
21	Head, Department of Statistics
22	Head, Department of Atmospheric Science
23	Head, Department of Pharmacy
24	Head, Department of Architecture
25	Head, Department of Public Policy, Law & Governance
26	Head, Department of Chemistry
27	Head, Department of Biochemistry
28	Head, Department of English
29	Head, Department of Hindi
30	Head, Department of Environmental Science
31	Head, Department of Yoga
32	Head, Department of Biotechnology
33	Head, Department of Sports Bioscience
34	Head, Department of Culture & Media Studies
35	Head, Department of Data Science and Analytics
36	Head, Department of Sports Psychology
37	Head, Department of Sports Biomechanics

38	Head, Department of Computer Science
39	Head, Department of Economics
40	Head, Department of Society Technology Interface
41	Head, Department of Computer Science & Engineering
42	Head, Department of Electronics and Communication
43	Head, Department of Linguistics
44	Head, Department of Biomedical Engineering
45	Head, Department of Vocational Studies and Skill Development,
46	Head, Department of Health Sciences
47	Head, Department of Hotel and Tourism Management
48	Head, Theatre and Performing Arts
Statute 13(i)(v): Ten Professor (excluding those who are Deans of Schools of Studies & Heads of the Departments/Centres) on the basis of seniority and rotation, to be nominated by the Vice Chancellor giving due regard to representation of different Schools. (Members)	
49	**Prof. Neeraj Gupta,** Professor, Department of Architecture , Email: ng@curaj.ac.in
50	**Prof. Pradeep Verma** Professor, Department of Microbiology Email: pradeepverma@curaj.ac.in
51	**Prof. S.N. Ambedkar** Professor, Department of Public Policy, Law & Governance Email: snambedkar@curaj.ac.in
52	**Prof. J.K. Prajapat,** Professor, Department of Mathematics, Email: jkprajapat@curaj.ac.in
53	**Prof. N. Lakshmi Aiyar**, Professor, Department of Hindi,

	Email: lakshmiaiyar@curaj.ac.in
54	**Prof. Pawan Kumar Dadheech** Professor, Department of Microbiology, Email: pdadheech@curaj.ac.in
55	**Prof. Amit Kumar Goyal,** Professor, Department of Pharmacy, Email: amit.goyal@curaj.ac.in
56	**Prof. Sanjib Kumar Panda**, Professor, Department of Biochemistry, Email: sanjib.panda@curaj.ac.in
57	**Prof. Rajesh Kumar,** Professor, Department of Environmental Science, Email: rajesh.kumar@curaj.ac.in
58	**Prof. Arvind Pandey,** Professor, Department of Statistics, Email: arvindpandey@curaj.ac.in
Statute 13(i)(vi): Five Associate Professors, who are not Head of Teaching Department, by rotation according to seniority, to be appointed by the Vice Chancellor (Members)	
59	**Dr. Suresh Singh Rathore** Associate Professor, Department of Hindi, Email: srathore@curaj.ac.in
60	**Dr. Akhil Agarwal** Associate Professor, Dept. of Microbiology Email: akhilagrawal@curaj.ac.in
61	**Dr. Madhuri Desavathu** Associate Professor, Dept. of Pharmacy Email: madhuridesavathu@curaj.ac.in
62	**Dr. Hemant Kumar Daima** Associate Professor, Department of Biochemistry, Email: hemant.daima@curaj.ac.in
63	**Dr. Pramod Ningappa Kamble**, Associate Professor, Department of Environmental Science Email: pramod.kamble@curaj.ac.in
Statute 13(i)(vii): Three Assistant Professors, by rotation according to seniority, to be appointed by the Vice Chancellor	
64	**Dr. Gaurav Somani** Assistant Professor, Department of Computer Science & Engineering, Email: gaurav@curaj.ac.in
65	**Dr. Devendra Rankawat** Assistant Professor, Department of English,

	Email: devdeli@curaj.ac.in
66	**Dr. Ravi Saharan** Assistant Professor, Department of Computer Science & Engineering, Email: ravisaharan@curaj.ac.in
Statute 13(i)(viii): Six persons not in the service of the University co-opted by the Academic Council for their Special Knowledge in education progress and development	
67	**Prof. N.P. Padhy (upto 02.11.2026)** Director MNIT, Jaipur Email: director@mnit.ac.in 0141-2529087
68	**Prof. Suresh Joshi (upto 02.11.2026)** Former Director and Professor, SBME Drexel University Philadelphia USA. Email: surejoshi@yahoo.com, sgj24@drexel.edu +215-8951988, +215-5714074
69	**Prof. E. Suresh Kumar (upto 05.11.2026)** Former Vice Chancellor, The English & Foreign Languages University, Hyderabad. Email: vc~~@efluniversity.ac.in~~ suresh.erpula@gmail.com (M)- 8500049999, 9245672535
70	**Prof. Shambhu Nath Singh** Vice Chancellor, Tezpur University, Tezpur, Assam Email: vc@tezu.ernet.in, shambhunathsingh001@gmail.com (3 years w.e.f. 10.02.2025) (M)- 9810494568
71	**Prof. Diwakar Tiwari** Department of Chemistry, Mizoram University. Email: diw_tiwari@yahoo.com (3 years w.e.f. 10.02.2025) (M)- 9862323015
72	**Dr. Sushil Kumar Kashaw** Department of Pharmaceutical Sciences, Dr. Hari Singh Gour Vishwavidyalaya, Sagar (M.P.) Email: sushilkashaw@dhsgsu.edu.in (3 years w.e.f. 10.02.2025) (M)- 9425655720
Statute 13(i)(ix): Two of the elected members of the Court, to be nominated by Visitor	
	(Vacant)
Statute 13(2): Dean of Students Welfare (Ex-officio)	

73	**Prof. Gajanand Zore** Dean, Students Welfare, Email: dsw@curaj.ac.in
Statute 13(2): Proctor (Ex-officio Member)	
74	**Prof. Laxmi Kant Sharma**, Proctor, Central University of Rajasthan Email: proctor@curaj.ac.in
Statute 13(2): Controller of Examinations (Ex-officio)	
75	**Mr. Sangadi Murali Mohan** (joined on 24.04.2025) Email: coe@curaj.ac.in
Statute 13(2): Librarian (Ex-officio)	
76	**Dr. Kotrayya Basayya Agadi**, Librarian, Email: librarian@curaj.ac.in
Registrar (Ex-Officio Secretary)	
77	**Sh. Amardeep Sharma** Registrar, Central University of Rajasthan Email: registrar@curaj.ac.in

Members: Finance Committee

Statute No.	Member	Name of the Member
17 (1) *(i)*	**The Vice Chancellor *(Ex-officio Chairman)***	1. Prof. Anand Bhalerao
17 (1) *(ii)*	**The Pro-Vice Chancellor**	2. Vacant
17 (1) *(iii)*	**One Person nominated by the Court**	3. Vacant
17 (1) *(iv)*	**Three Persons nominated by the Executive Council, out of whom at least one shall be member of the Executive Council**	4. Prof. S.K. Singh, Vice Chancellor Rajasthan Technical University, Kota (w.e.f. 04.12.2023 for a term of 3 years) 5. Sh. B.S. Patil, Ex. Finance Officer, Shivaji University, Vidyanagar, Kolhapur-416004, Maharashtra, (w.e.f. 20.05.2022 for a term of 3 years) 6. Prof. Rajeev Kumar Saxena,

		(From 28.09.2022 to 21.04.2025) Department of Economic Administration, and Financial Management, University of Rajasthan, Jaipur (w.e.f. 29.08.2022 for a term of 3 years and as long as he continues to be the member of Executive Council) & Prof. Vaishali Sovind Khaparde Head, Deptt. of Library and Information Science, Dr. Babasaheb Ambedkar Marathwada University, Chatrapati Sambhajinagar, Aurangabad (**w.e.f. 22.04.2025 for a term of 3 years and as long as he continues to be the member of Executive Council)**
17 (1) *(v)*	**Three Persons nominated by the Visitor (Reference Letter No.F.No.54-1/2014-CU.III, dt. 08.01.2019 from Ministry of Human Resource Development, Dept. of Higher Education)**	7. Joint Secretary (CU) Ministry of Education, New Delhi 8. Joint Secretary & Finance Advisor Ministry of Education, New Delhi 9. Joint Secretary (CU) UGC, New Delhi
The Statutes 7 (5)	**The Finance Officer** Secretary (*Ex-officio)*	10. Pradeep Agarwal

List of Faculty/ Administrative Officers / Non-Teaching Staff

A. REGULAR TEACHING STAFF

A.1 Regular Teaching staff joined during Academic Year 2024-25:

Sl. No.	Name of the teacher	Designation	Department	Date of Joining	Relieving date (if any)
1	Dr. Mohan Mishra	Assistant Professor	PPLG	27.09.2024	-
2	Dr. Somnath Ashok Gandal	Assistant Professor	Mathematics	28.11.2024	-
3	Mr. Nitesh Kumar Jangid	Assistant Professor	Computer Science	04.12.2024	-
4	Dr. Gajanan Haribhau Savrdnya	Assistant Professor	Hindi	24.03.2025	-
5	Dr. Rameshkumar Marimuthu Ragavan	Assistant Professor	Microbiology	25.04.2025	-
6	Dr. Joydeep Aoun	Assistant Professor	Biochemistry	28.04.2025	-
7	Dr. Navnit Kumar Ramamoorthy	Assistant Professor	Biotechnology	30.04.2025	-
8	Dr. Abdhut Deheri	Assistant Professor	Economics	26.05.2025	-
9	Dr. Pritam Kumar Roy	Assistant Professor	Physics	05.06.2025	-
10	Dr. Jayesh Manohar Sonawane	Assistant Professor	Microbiology	13.06.2025	-
11	Dr. Hari Om Gurjar	Assistant Professor	Commerce	16.06.2025	-
12	Prof. Makrand A Paithankar	Professor	PPLG	24.10.2024	31.01.2025

A.2 Regular Teaching staff during the Academic Year 2024-25:

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	Dr. 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	-

Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
9	Dr. Jayanti Pal	Assistant Professor	Atmospheric Science	-
10	Dr. Jai Prakash	Assistant Professor	Atmospheric Science	-
11	Prof. Chandi Charan Mandal	Professor (under CAS)	Biochemistry	-
12	Prof. Sanjib Kumar Panda	Professor	Biochemistry	-
13	Dr. Hemant Kumar Daima	Associate Professor	Biochemistry	-
14	Dr. Vishvanath Tiwari	Associate Professor (under CAS) (vide O/o. 21.03.2025)	Biochemistry	-
15	Dr. Shiv Swaroop	Assistant Professor	Biochemistry	-
16	Dr. Dipak Gayen	Assistant Professor	Biochemistry	-
17	Dr. Bhawana Bissa	Assistant Professor	Biochemistry	-
18	Dr. Joydeep Aoun	Assistant Professor	Biochemistry	-
19	Prof. Gajanan Balasaheb Zore	Professor	Biotechnology	-
20	Prof. Pankaj Goyal	Professor (under CAS)	Biotechnology	-
21	Dr. Jay Kant Yadav	Associate Professor	Biotechnology	-
22	Dr. Janmejay Pandey	Assistant Professor	Biotechnology	-
23	Dr. Tarun Kumar Bhatt	Associate Professor (under CAS)	Biotechnology	-
24	Dr. Jayendra Nath Shukla	Assistant Professor	Biotechnology	-
25	Dr. Khem Raj Meena	Assistant Professor	Biotechnology	-
26	Dr. Gajendra Singh	Assistant Professor	Biotechnology	-
27	Dr. Navnit Kumar Ramamoorthy	Assistant Professor	Biotechnology	-
28	Dr. Sandeep Choudhary	Assistant Professor	Bio-Medical Engineering	-
29	Dr. Chandan Kumar	Assistant Professor	Bio-Medical Engineering	-
30	Dr. Vikrant Singh Rajput	Assistant Professor	Bio-Medical Engineering	-
31	Dr. Manas Kumar Nag	Assistant Professor	Bio-Medical Engineering	-
32	Prof. Easwar Srinivasan	Professor (under CAS) (vide O/o. 21.03.2025)	Chemistry	-
33	Dr. Anuj Kumar Sharma	Associate Professor	Chemistry	-
34	Dr. Partha Roy	Assistant Professor	Chemistry	-
35	Dr. Hemant Joshi	Assistant Professor	Chemistry	-
36	Dr. Rajagopala Reddy Seelam	Assistant Professor	Chemistry	-
37	Dr. Bhupendra Goswami	Assistant Professor	Chemistry	-
38	Dr. Chandrakanta Dash	Assistant Professor	Chemistry	-
39	Prof. Praveen Sahu	Professor (under CAS)	Commerce	-
40	Dr. Priyanka Bhaskar	Assistant Professor	Commerce	-
41	Mr. Shubham Pandey	Assistant Professor	Commerce	-
42	Dr. Hari Om Gurjar	Assistant Professor	Commerce	-
43	Prof. Mamta Rani	Professor (under CAS)	Computer Science	-

Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
44	Dr. Gaurav Meena	Assistant Professor	Computer Science	-
45	Mr. Ravi Raj Choudhary	Assistant Professor	Computer Science	-
46	Dr. Krishna Kumar Mohbey	Assistant Professor	Computer Science	-
47	Dr. Ajay Indian	Assistant Professor	Computer Science	-
48	Dr. Abhay Kumar Rai	Assistant Professor	Computer Science	-
49	Mr. Nitesh Kumar Jangid	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	-
70	Dr. Abdhut Deheri	Assistant Professor	Economics	-
71	Dr. Rina Ram Kishore Godara	Assistant Professor	Education (B.Ed./M.Ed.)	-
72	Dr. T. Sangeetha	Assistant Professor	Education (B.Ed./M.Ed.)	-
73	Dr. Seema Gopinath	Assistant Professor	Education (B.Ed./M.Ed.)	-
74	Dr. Kanak Sharma	Assistant Professor	Education (B.Ed./M.Ed.)	-
75	Prof. Anjali Sharma	Professor (under CAS) (vide O/o. 24.10.2024)	Education (Integrated)	-
76	Dr. Gobind Singh	Assistant Professor	Education (Integrated)	-
77	Dr. Narendra Kumar	Assistant Professor	Education (Integrated)	-

Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
78	Dr. Sangeeta Yaduvanshi	Assistant Professor	Education (Integrated)	-
79	Dr. Nithya Prem S R	Assistant Professor	Education (Integrated)	-
80	Dr. Sanyog Rawat	Associate Professor	Electronics and Communication	-
81	Dr. Milan Sasmal	Assistant Professor	Electronics and Communication	-
82	Dr. Rajan Singh	Assistant Professor	Electronics and Communication	-
83	Dr. Kapil Saraswat	Assistant Professor	Electronics and Communication	-
84	Dr. Sudhir Bhaskar	Assistant Professor	Electronics and Communication	-
85	Prof. Sanjay Arora	Professor (under CAS)	English	-
86	Dr. Bhumika Sharma	Associate Professor (under CAS)	English	-
87	Dr. Neha Arora	Assistant Professor	English	-
88	Dr. Devendra Rankawat	Assistant Professor	English	-
89	Dr. Ved Prakash	Assistant Professor	English	-
90	Dr. Savita Laxmanrao Andelwar	Assistant Professor	English	-
91	Prof. Rajesh Kumar	Professor	Environmental Science	-
92	Prof. Laxmi Kant Sharma	Professor (under CAS)	Environmental Science	-
93	Dr. Pramod Ningappa Kamble	Associate Professor	Environmental Science	-
94	Dr. Garima Kaushik	Assistant Professor	Environmental Science	-
95	Dr. Ritu Singh	Assistant Professor	Environmental Science	-
96	Dr. Shailesh Kumar Patidar	Assistant Professor	Environmental Science	-
97	Dr. Nivedita Chaudhary	Assistant Professor	Environmental Science	-
98	Dr. Bhagawan D.	Assistant Professor	Environmental Science	-
99	Prof. N. Lakshmi Aiyar	Professor (under CAS)	Hindi	-
100	Dr. Shital Prasad Mahendra	Associate Professor	Hindi	-
101	Dr. Mamata Khandal	Assistant Professor	Hindi	-
102	Dr. Suresh Singh Rathore	Associate Professor (under CAS)	Hindi	-
103	Dr. Akshansh Bharadwaj	Assistant Professor	Hindi	-
104	Dr. Gajanan Haribhau Savrdnya	Assistant Professor	Hindi	-
105	Dr. Dhanapati Shougrakpam	Assistant Professor	Linguistics	-
106	Dr. Sharita Deviram Sharma	Assistant Professor	Linguistics	-
107	Dr. Dhananjay Kumar Tiwari	Assistant Professor	Linguistics	-

Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
108	Dr. Mahboob Zahid	Assistant Professor	Linguistics	-
109	Prof. Uma Sankar Mishra	Professor	Management	-
110	Dr. Sanjay Kumar	Assistant Professor	Management	-
111	Dr. Tulsee Giri Goswami	Assistant Professor	Management	-
112	Dr. Avantika Singh	Assistant Professor	Management	-
113	Dr. Ramulu Bhukya	Assistant Professor	Management	-
114	Prof. Jugal Kishore Prajapat	Professor (under CAS)	Mathematics	-
115	Prof. Dinesh Chandra Sharma	Professor (under CAS)	Mathematics	-
116	Dr. Anand Kumar	Associate Professor (under CAS)	Mathematics	-
117	Dr. Ram Kishore	Assistant Professor	Mathematics	-
118	Dr. Jai Prakash Tripathi	Assistant Professor	Mathematics	-
119	Dr. Vijay Kumar Yadav	Assistant Professor	Mathematics	-
120	Dr. Vipul Kakkar	Assistant Professor	Mathematics	-
121	Dr. Asha Kumari Meena	Assistant Professor	Mathematics	-
122	Dr. Kamlesh Jangid	Assistant Professor	Mathematics	-
123	Dr. Somnath Ashok Gandal	Assistant Professor	Mathematics	-
124	Prof. Pawan Kumar Dadheech	Professor (under CAS)	Microbiology	-
125	Prof. Pradeep Verma	Professor (under CAS)	Microbiology	-
126	Prof. Inshad Ali Khan	Professor	Microbiology	-
127	Dr. Akhil Agrawal	Associate Professor (under CAS)	Microbiology	-
128	Dr. Nidhi Pareek	Assistant Professor	Microbiology	-
129	Dr. Deeksha Tripathi	Assistant Professor	Microbiology	-
130	Dr. Sagar Shivaji Barale	Assistant Professor	Microbiology	-
131	Dr. Rameshkumar Marimuthu Ragavan	Assistant Professor	Microbiology	-
132	Dr. Jayesh Manohar Sonawane	Assistant Professor	Microbiology	-
133	Prof. Vipin Kumar	Professor (under CAS)	Pharmacy	-
134	Prof. Amit Kumar Goyal	Professor	Pharmacy	-
135	Dr. Madhuri Desavathu	Associate Professor	Pharmacy	-
136	Dr. Devesh Madhukar Sawant	Associate Professor (under CAS) (vide O/o. 24.10.2024)	Pharmacy	-
137	Dr. Ruchi Malik	Assistant Professor	Pharmacy	-
138	Dr. Kaisar Raza	Assistant Professor	Pharmacy	-
139	Dr. Umesh Gupta	Associate Professor (under CAS)	Pharmacy	-
140	Prof. Manish Dev Shrimali	Professor	Physics	-
141	Dr. Sukhmander Singh	Assistant Professor	Physics	-
142	Dr. Brijesh Kumar Singh	Assistant Professor	Physics	-
143	Dr. Rakesh Kumar	Assistant Professor	Physics	-

Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
144	Dr. Yugandar Bitla	Assistant Professor	Physics	-
145	Dr. Siddharth Dwivedi	Assistant Professor	Physics	-
146	Dr. Kuldeep Suthar	Assistant Professor	Physics	-
147	Dr. Rajendra Charandeo Pawar	Assistant Professor	Physics	-
148	Dr. Pritam Kumar Roy	Assistant Professor	Physics	-
149	Prof. Nagendra Ambedkar Sole	Professor (under CAS)	Public Policy, Law & Governance	-
150	Prof. Kandasamy S	Professor (under CAS)	Public Policy, Law & Governance	-
151	Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Law & Governance	-
152	Dr. Sudhir Kumar Garhwal	Assistant Professor	Public Policy, Law & Governance	-
153	Dr. Mohan Mishra	Assistant Professor	Public Policy, Law & Governance	-
154	Prof. Jagdish Ulhas Jadhav	Professor (under CAS)	Social Work	-
155	Dr. Dandub Palzor Negi	Assistant Professor	Social Work	-
156	Dr. Atiq Ahmed	Assistant Professor	Social Work	-
157	Dr. Shaizy Ahmed	Assistant Professor	Social Work	-
158	Dr. Rajeev M.M.	Assistant Professor	Social Work	-
159	Dr. Kumar Sambhav Pareek	Associate Professor	Society-Technology Interface	-
160	Dr. Jaya Kritika Ojha	Assistant Professor	Society-Technology Interface	-
161	Dr. Wairokpam Premi Devi	Assistant Professor	Society-Technology Interface	-
162	Dr. Jugal Kishor	Assistant Professor	Society-Technology Interface	-
163	Dr. Neha Singh	Assistant Professor	Sports Bioscience	-
164	Dr. Hemanth Naick Banavath	Assistant Professor	Sports Bioscience	-
165	Dr. Sunil G. Purohit	Assistant Professor	Sports Bioscience	-
166	Dr. Shailendra Pratap Singh	Assistant Professor	Sports Bioscience	-
167	Dr. Neethu P.S.	Assistant Professor	Sports Psychology	-
168	Dr. Guneet Inder Jit Kaur	Assistant Professor	Sports Psychology	-
169	Prof. Jitendra Kumar	Professor (under CAS)	Statistics	-
170	Prof. Arvind Pandey	Professor (under CAS)	Statistics	-
171	Dr. Deepesh Bhati	Associate Professor (under CAS)	Statistics	-
172	Dr. Sanjay Kumar	Associate Professor (under CAS) (vide O/o. 21.03.2025)	Statistics	-
173	Dr. Satish Kumar Kalapala	Assistant Professor	Statistics	-
174	Dr. Mahesh Shivaji Barale	Assistant Professor	Statistics	-

Sl. No.	Name of Teacher	Designation	Department	Relieving date (if any)
175	Dr. Saurabh Kumar	Assistant Professor	Statistics	-
176	Prof. Raghavendra Bhat	Professor	Yoga	-
177	Prof. Sanjib Kumar Patra	Professor (under CAS)	Yoga	-
178	Dr. Kashinath G. Metri	Assistant Professor	Yoga	-
179	Dr. M. Bhanuchandra	Assistant Professor	Chemistry	06.03.2025
180	Dr. Thirumoorthi Ramalingam	Assistant Professor	Chemistry	05.03.2025
181	Dr. Ritesh Singh	Assistant Professor	Chemistry	06.03.2025
182	Dr. Pawan Singh	Associate Professor	Computer Science	07.05.2025
183	Prof. Makrand A Paithankar	Professor	Public Policy, Law & Governance	31.01.2025
184	Dr. Jeevan Kumar Cheruku	Assistant Professor	Public Policy, Law & Governance	22.01.2025
185	Prof. Ajit Kumar Patra	Professor (under CAS)	Physics	11.09.2024
186	Dr. Sanjay Kumar Patel	Assistant Professor	Commerce	11.09.2024
187	Dr. Neeraj Panwar	Assistant Professor	Physics	08.10.2024

B. REGULAR NON-TEACHING STAFF

B.1 Regular Administraive and Non-Teaching staff joined during Academic Year 2024-25:

Sl. No.	Name	Designation	Selection mode	Group	Date of Joining	Date of relieving (if any)
1	Mr. Amardeep Sharma	Registrar	Direct	A	03.12.2024	-
2	Dr. S. Murali Mohan	Controller of Examinations	Direct	A	24.04.2025	-
3	Dr. Kotrayya Basayya Agadi	Librarian	Direct	A	27.12.2024	-
4	Mr. Manish Kumar Bhomia	Deputy Registrar	Direct	A	02.04.2025	-
5	Mr. Girdhari Lal Verma	Section Officer	Promotion	B	12.12.2024	-
6	Mr. Somyajeet Dey	Semi Professional Assistant	Promotion	C	12.12.2024	-
7	Mr. Ravindar Laxkar	UDC	Direct	C	31.12.2024	-
8	Mr. Surendra Singh Rajawat	UDC	Promotion	C	12.12.2024	-
9	Mr. Vinod Choudhary	UDC	Promotion	C	12.12.2024	-
10	Mr. Naveen Chand Sen	UDC	Promotion	C	12.12.2024	-
11	Mr. Lalit Bhopriya	UDC	Promotion	C	12.12.2024	-
12	Mr. Ganpat Lal Solanki	UDC	Promotion	C	12.12.2024	-
13	Mr. Murlidhar Purohit	Cook	Direct	C	14.11.2024	-
14	Mr. Mahendra Kumar Meena	Kitchen Attendant	Direct	C	14.11.2024	-

B.2 Regular Administrative and Non-teaching staff available during the Academic Year 2024-25:

Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
1	Mr. Pradeep Agarwal	Finance Officer	Direct	A	-
2	Mr. Amardeep Sharma	Registrar	Direct	A	-
3	Mr. Pradeep Agarwal	Finance Officer	Direct	A	-
4	Dr. S. Murali Mohan	Controller of Examinations	Direct	A	-
5	Dr. Kotrayya Basayya Agadi	Librarian	Direct	A	-
6	Dr. Hari Singh Parihar	Joint Registrar	Direct-P	A	-
7	Mr. Manish Kumar Bhomia	Deputy Registrar	Direct	A	-
8	Dr. Ravindranath Wodeyar	Deputy Librarian	Direct	A	-
9	Mrs. Sobhagyawati Gupta	Assistant Librarian	Direct-P	A	-
10	Mr. Saroja Kumar Panda	Assistant Librarian	Direct-P	A	-
11	Ms. Anuradha Mittal	Public Relation Officer	Direct-P	A	-
12	Dr. Om Kumar Karn	Hindi Officer	Direct	A	-
13	Mr. Shyam Singh	Assistant Registrar	Promotion	A	-
14	Mr. Ashish Kumar Gupta	Assistant Registrar	Direct	A	-
15	Mr. Manoj Kumar Indoria	Assistant Registrar	Promotion	A	-
16	Mr. Shakti Singh Panwar	Information Scientist	Direct	A	-
17	Mr. Gaurav Sharma	Assistant Registrar	Direct	A	-
18	Mr. Ramesh Singh Solanki	Section Officer	Direct-P	B	-
19	Mr. Pradeep Kumar Garg	Section Officer	Promotion	B	-
20	Mr. Lokesh Vijayvargia	Section Officer	Direct	B	-
21	Ms. Neha Bajaj	Section Officer	Promotion	B	-
22	Mr. Rajpal Singh Rewar	Security Officer	Direct	B	-
23	Mr. Bharat Bhushan Gupta	Private Secretary	Promotion	B	-
24	Mr. Rajesh Kumar	Junior Engineer (Civil)	Direct	B	-
25	Mr. Darpan Bansal	Junior Engineer (Electrical)	Direct	B	-
26	Mr. Seva Ram Kumawat	Personal Assistant	Direct	B	-
27	Mr. Sanjay Gaur	Personal Assistant	Direct	B	-
28	Mr. Kedar Pahadasingh	Personal Assistant	Direct	B	-
29	Mr. Mohit Jamer	Senior Technical Assistant (ICT)	Direct	B	-
30	Mr. Sanjay Joshi	Senior Technical Assistant (ICT)	Promotion	B	-
31	Mr. Naresh Kumar Mangal	Senior Technical Assistant (Laboratory)	Promotion	B	-
32	Mr. Avdhesh Vijay	Senior Technical Assistant (Laboratory)	Promotion	B	-
33	Mr. Girdhari Lal Verma	Section Officer	Promotion	B	-
34	Mr. Vineet Prakash Bishnoi	Assistant	Direct	B	-
35	Ms. Pratima Chattraj	Assistant	Promotion	B	-
36	Mr. Puneet Agarwal	Assistant	Direct	B	-
37	Ms. Hema Chaudhary	Assistant	Direct	B	-
38	Mr. Jahangeer Kureshi	Assistant	Direct	B	-
39	Mr. Shivraj Bairwa	Assistant	Direct	B	-
40	Mr. Dilip Raichandani	Assistant	Promotion	B	-

Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
41	Mr. Sunil Kumar Jangid	Professional Assistant	Direct	B	-
42	Mr. Akhilesh Tiwari	Pharmacist	Direct	C	-
43	Mr. Jai Ram Chejara	Security Inspector	Direct	C	-
44	Mr. Vivek Vyas	Technical Assistant	Promotion	C	-
45	Mr. Pankaj Kumar Tailor	Technical Assistant	Promotion	C	-
46	Mr. Sandeep Sharma	Technical Assistant	Promotion	C	-
47	Dr. Aarif Khan	Technical Assistant	Promotion	C	-
48	Mr. Rahul Sharma	Technical Assistant	Direct	C	-
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	Semi Professional Assistant	Promotion	C	-
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. Ravindar Laxkar	UDC	Direct	C	-
64	Mr. Girraj Prasad Sharma	LDC	Direct-P	C	-
65	Mr. Madhur Sagar Sharma	LDC	Direct	C	-
66	Mr. Surendra Singh Rajawat	UDC	Promotion	C	-
67	Mr. Vinod Choudhary	UDC	Promotion	C	-
68	Mr. Naveen Chand Sen	UDC	Promotion	C	-
69	Mr. Govind Kumawat	LDC	Direct	C	-
70	Mr. Lalit Bhopriya	UDC	Promotion	C	-
71	Mr. Yogesh Kumar Meena	LDC	Direct	C	-
72	Mr. Gaurav Kumar	LDC	Direct	C	-
73	Mr. Ganpat Lal Solanki	UDC	Promotion	C	-
74	Mr. Anshu Sharma	LDC	Promotion	C	-
75	Mrs. Sharmila Autha	LDC	Direct	C	-
76	Mr. Mangal Chand Dhanka	LDC	Promotion	C	-
77	Mr. Vishnu Kumar Gupta	LDC	Direct	C	-
78	Mr. Ravi Prakash Bohara	LDC	Direct	C	-
79	Mr. Ankit Yadav	LDC	Direct	C	-
80	Mr. Anil Jangid	LDC	Direct	C	-
81	Mr. Navin Kumar Sharma	Driver (Grade II)	Promotion	C	-
82	Mr. Rajveer Singh	Cook (Grade II)	Promotion	C	-
83	Mr. Gaurav Sukhwal	Driver	Direct-P	C	-
84	Mr. Sanjay Kumar Sharma	Driver	Direct-P	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. Murlidhar Purohit	Cook	Direct	C	-

Sl. No.	Name	Designation	Selection mode	Group	Relieving date (if any)
89	Mr. Jai Singh Rawat	Hostel Attendant	Direct	C	-
90	Mr. Nathmal Tak	Hostel Attendant	Direct	C	-
91	Mr. Bhagirath Ashiya	Laboratory Attendant	Direct	C	-
92	Mr. Ashish Kumar Sharma	Laboratory Attendant	Direct	C	-
93	Mr. Kheema Ram	Laboratory Attendant	Direct	C	-
94	Mr. Ashutosh Kumawat	Laboratory Attendant	Direct	C	-
95	Mr. Keshav Kumar Sharma	Laboratory Attendant	Direct	C	-
96	Ms. Priya Gaur	Library Attendant	Direct	C	-
97	Mr. Nitesh Yadav	Library Attendant	Direct	C	-
98	Ms. Nimisha Gupta	Library Attendant	Direct	C	-
99	Mr. Vinod Kumar	Library Attendant	Direct	C	-
100	Mr. Sagar Mal Gujar	Multi Tasking Staff	Direct-P	C	-
101	Mr. Ashish Kumar Sharma	Multi Tasking Staff	Direct	C	-
102	Mr. Lekhraj	Multi Tasking Staff	Direct	C	-
103	Mr. Nitesh Jain	Multi Tasking Staff	Direct	C	-
104	Mr. Yuvraj Singh Rathore	Multi Tasking Staff	Direct	C	-
105	Mr. Deepak Singh	Multi Tasking Staff	Direct	C	-
106	Mr. Ganeshi Lal Sharma	Multi Tasking Staff	Direct	C	-
107	Ms. Ashita Laddha	Statistical Assistant	Direct	C	-
108	Mr. Harish Vaishnav	LDC	Direct	C	-
109	Mr. Pawan Kumar	Laboratory Attendant	Direct	C	-
110	Mr. Bagh Singh Bhati	Laboratory Attendant	Direct	C	-
111	Mr. Hemraj Kumawat	Laboratory Attendant	Direct	C	-
112	Mr. Ravi Sen	Dresser	Direct	C	-
113	Mr. Mahendra Kumar Meena	Kitchen Attendant	Direct	C	-
114	Mr. Sultan Singh	Executive Engineer	Direct	A	20.02.2025
115	Mr. Vikas Kumar Sinha	System Analyst	Direct	A	01.02.2025
116	Dr. Ankur Mittal	Medical Officer (Male)	Direct	A	27.06.2025
117	Mrs. Dipika Kumari Dangi	Nursing Officer	Direct	B	25.02.2025
118	Mr. Girdhari Lal Verma	Assistant	Direct	B	12.12.2024
119	Mr. Manish Singh Rathore	Semi Professional Assistant	Direct	C	09.08.2024
120	Mr. Somyajeet Dey	Library Assistant	Direct	C	27.12.2024
121	Mr. Surendra Singh Rajawat	LDC	Direct	C	27.12.2024
122	Mr. Vinod Choudhary	LDC	Direct	C	27.12.2024
123	Mr. Naveen Chand Sen	LDC	Direct	C	27.12.2024
124	Mr. Lalit Bhopriya	LDC	Direct	C	27.12.2024
125	Mr. Ganpat Lal Solanki	LDC	Promotion	C	27.12.2024
126	Mr. Yashpal Solanki	LDC	Direct	C	18.11.2024

CENTRAL UNIVERSITY OF RAJASTHAN





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