



CENTRAL UNIVERSITY OF RAJASTHAN

ESTABLISHED BY AN ACT OF PARLIMENT OF INDIA, 2009

NH-8, Bandar Sindri, Dist-Ajmer-305817, Rajasthan [INDIA].

info@curaj.ac.in : 01463 257508, 01463 257504.



दूरदर्शन व दूरदर्शन

CURAJ NEWSLETTER



समाचार पत्र

APRIL TO JUNE

2024



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



**Chancellor
Dr. K. Kasturirangan**



**Vice Chancellor
Prof. Anand Bhalerao**



CONTENTS

Vice Chancellor's Voice

CURAJ @ A Glance

VC Visits

Visitors

Memorandum of Understanding

Impact Initiatives

Campus Enhancements

Expanding Team: Welcoming our New Joiners

Marking Mile Stones: Celebrating Staff Promotions Through CAS

Faculty Accomplishments

Awards and Recognition

Expertise Outreach Programs

Students Accolades

Academic Events

celebrations

News and Events

Library Initiatives

Scholarly Showcase

Publications

CURAJ @ NEWS



VOICE OF VICE-CHANCELLOR



PROF. ANAND BHALERAO
Vice-Chancellor
Central University of Rajasthan

Dear Friends and Well-wishers of CURAJ,

Welcome to the inaugural edition of our CURAJ newsletter, तेजस्वि नावधीतमस्तु (Tejasvi Navadhitamastu, our logo's proclamation in Sanskrit which translates to 'let our study be enlightening').

I'm delighted to place this newsletter in your hands, highlighting our achievements from April to June 2024, including academic co-curricular and extracurricular activities, research, and innovations. We hope it reflects the spirit and accomplishments of the CURAJ family.

I take this opportunity to extend a gracious and hearty welcome to the new batch of students from different parts of the country to join various academic programs at CURAJ. Our University offers an opportunity for students to enhance their knowledge, develop their abilities and careers, and cultivate social responsibility for the nation's development. To our outgoing students, we wish you success. Thank you for your positive contributions and participation in all activities. As you leave CURAJ, may the light you have gained here illuminate your entire life to greater heights.

I hope you enjoy reading our newsletter and appreciating the growth and progress of our institute. Happy reading! With the support of the government, our dedicated faculty and staff, cooperative students, and the blessings of God, we promise to continue our pursuit of 'Excellence through Diligence.'

Let us move forward with maturity, unity, and unwavering commitment.

As we march ahead, let us pray:

Asato maa sad gamaya, Tamaso maa jyotir gamaya, Mrityor maa amritam gamaya.

Om shanti, shanti, shanti!



CURAJ @ A GLANCE

The Central University of Rajasthan was established in the year 2009 by an Act of Parliament (Act No. 25 of 2009) as a new Central University in Rajasthan.

Nationally recognized for dedication to excellence in higher education, CURAJ's vision ensures "Sustainable Development through Excellence in Education, Innovation, and Performative Societal Change" with a 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, and to impart value-based holistic education and develop resilient and skilled human resources that contribute to Nation-building.

Under the dynamic leadership of Professor Anand Bhalerao, the Vice-Chancellor, from January 2022, the university significantly progressed in a multi-faceted manner. There is steady progress in various ranking frameworks, as well as new infrastructure and facilities for the students and staff.

In the last 15 years of its journey, the University has emerged as a green and pollution-free campus which promises to provide an aesthetic and salubrious environment to nurture and optimize academics, research, and holistic development. The University has emerged as one of the top academic institutions by adopting cutting-edge technology to impart quality education for a global outreach.

CURAJ *by the* NUMBERS

518 ACRES OF LAND WITH A LUSH GREEN CAMPUS	1.44 LAKH SQ. METERS BUILT-UP AREA	A++ NAAC GRADE WITH 3.54 CGPA
12 SCHOOLS	35 DEPARTMENTS	2248 TOTAL STUDENTS
175 FACULTY	111 STAFF	13-1 STUDENT to FACULTY RATIO
31 PATENTS	3127 RESEARCH PUBLICATIONS	39931 CITATIONS



VICE CHANCELLOR'S VISITS



“ABHYUTHANAM: SECOND COHORT OF ACADEMIC LEADERSHIP PROGRAMME” AT IIT JAMMU



From May 25 to 29, 2024, Prof. Anand Bhalerao, Hon'ble Vice Chancellor of Central University of Rajasthan, attended the "Abhyuthanam: Second Cohort of Academic Leadership Programme" at IIT Jammu. The program focused on enhancing leadership skills and academic governance among university officials.

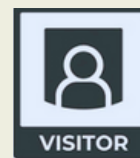
MOU SIGNING BY HON'BLE VICE CHANCELLOR AT HEFA, BANGALORE



On April 12, 2024, the Hon'ble Vice Chancellor of Central University of Rajasthan, Prof. Anand Bhalerao, visited the Higher Education Financing Agency (HEFA) in Bangalore to sign a Memorandum of Understanding (MoU). The MoU secures a loan for the construction of a new Central Library and a 600-seater hostel on the university campus.



VISITORS



Prof. Sudhi Rajiv, Vice Chancellor of Haridev Joshi University of Journalism & Mass Communication, during her recent visit to Central University of Rajasthan (CURAJ).



Dr. Hartwig Harder, Senior Research Scientist and Group Leader of the Radical Measurements Group at the Max Planck Institute for Chemistry, Germany, during his recent visit to CURAJ.



Dr. Bijon K. Mitra and Dr. Vibhas Sukhwani from the Institute for Global Environmental Strategies (IGES) Japan, who recently conducted an engaging workshop on Agrivoltaics-based Circulating & Ecological Sphere (CES) approach for integrated rural livelihood enhancement at CURAJ.



MEMORANDUM OF UNDERSTANDING



MOU WITH DREXEL UNIVERSITY, USA



Central University of Rajasthan (CURAJ) signed a memorandum of understanding (MoU) with Drexel University of Philadelphia, USA, on Friday 8th May 2024.

FOCAL POINTS

1. Faculty & Students Exchange Programs
2. Joint Research Projects
3. Shared Academic Resources



MOU WITH COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH (CSIR-NEERI)



FOCAL POINTS

1. Faculty & Students Exchange Programs
2. Collaborative Research Activities
3. Shared Academic Resources
4. Joint Publications
5. organize seminar, symposium, conferences
6. Guidance and supervision of Doctoral, Post graduate dissertation work
7. Internship and other academic activities.

MOU with CSIR-NEERI, India's leading research institute in Environmental Science & Engineering on 25th April 2024, to tackle areas like Atmospheric Chemistry, Air Quality, Weather & Climate Modeling. Committed to provide sustainable solutions for global concerns.



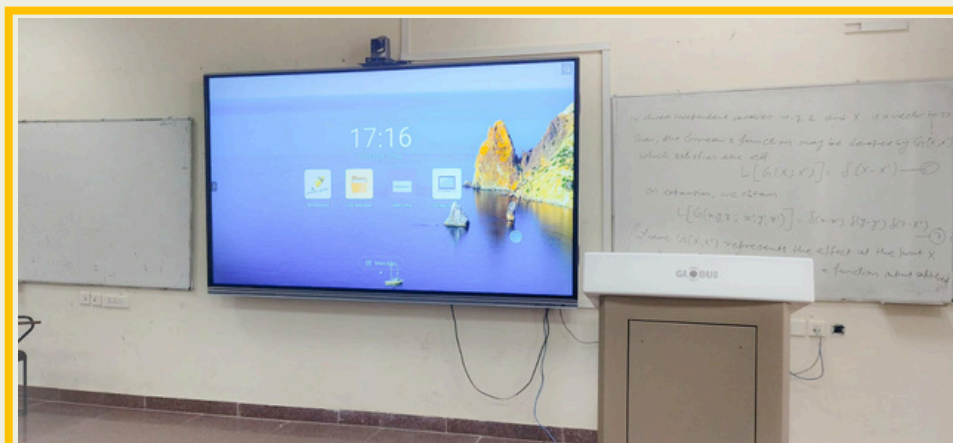
CAMPUS ENHANCEMENTS



Upgraded the Seminar Hall in the 4A5 building with a 12ft x 8ft high-resolution LED display and high-quality audio equipment.

These enhancements provide a superior audio-visual experience, benefiting both students and teachers.

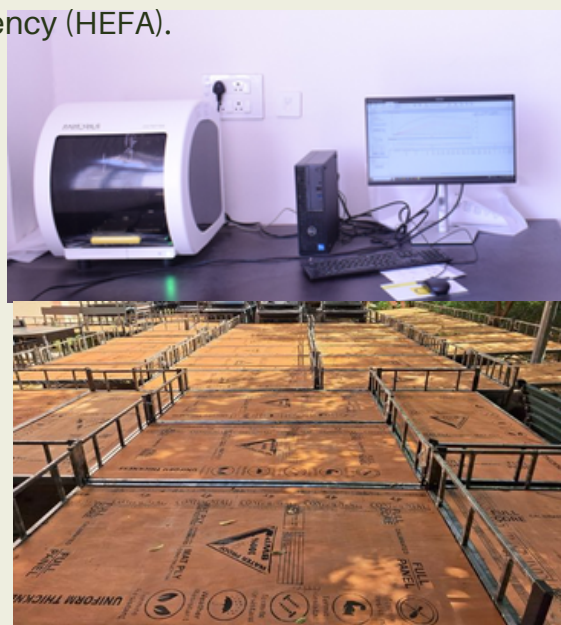
Introduction of five state-of-the-art smart classrooms, designed to transform the learning experience for students and educators alike. Each of these new classrooms is equipped with a 110-inch interactive LED display featuring 5-point touch capability, complemented by advanced audio equipment to enhance audiovisual learning.



- In a significant stride towards enhancing research capabilities in cellular metabolism and bioenergetics, CURAJ has installed a cutting-edge Extracellular Flux Analyzer at its Central Instrumentation Facility. This acquisition, valued at ₹1.99 crores, was made possible through funding from the Higher Education Financing Agency (HEFA).

- The Central Instrumentation Facility at C U Raj, supported by funding from the Higher Education Financing Agency (HEFA), has acquired a state-of-the-art Bio-Layer Interferometry Machine valued at ₹2.5 crores.

- Continues to prioritize student well-being with the installation of 50 brand new beds across its hostel facilities. Recognizing that beds are more than just places to sleep, they are essential to ensuring students' overall health and academic success.





IMPACT INITIATIVES



DEVELOPMENT ACTIVITIES

Inagurated

₹ IN LAKHS

- Central Instrumentation Laboratory (CIL) Building **645.00**
- Yoga and Sports Sciences Building **642.56**
- 16 Nos. Type – II and 36 Nos. Type – III Residential Quarters for Staff **1397.12**

Foundation stone Laid By

₹ IN LAKHS

- Central Library, Academic Block and other Resource Centres **9553.00**
- 600 bedded Hostel Building **4923.00**
- Transit Mess and dining hall (400 capacity) for B7 boys hostel **441.00**

Work in Prograss

₹ IN LAKHS

- Academic Building 4A-2 **3898.00**
- Transit Mess and dining hall (400 capacity) for B7 boys hostel **441.00**

Work To Be Taken Up

₹ IN LAKHS

- 250 Bedded Girls Hostel under the Scheme of (PM-AJAY) **750.00**
- 250 Bedded Boys Hostel under the Scheme of (PM-AJAY) **750.00**



CAMPUS ENHANCEMENTS



The initiative to interconnect academic buildings with well-designed walkways underscores CURAJ's commitment to providing a student-centric campus environment.



The School of Engineering & Technology at CURAJ proudly announces the upgrade of its AIML (Artificial Intelligence and Machine Learning) lab with state-of-the-art Apple iMac computers.



Installation of 240 brand-new desk benches across its classrooms reinforces its commitment to providing a conducive environment for student success and academic excellence



The Department of Pharmacy at Central University of Rajasthan has upgraded its In Silico Drug Design Lab with a state-of-the-art scientific computing facility featuring five GPU-enabled workstations.



EXPANDING TEAM WELCOMING OUR NEW JOINERS

Teaching Staff

YOGA



Prof. Rghavendra Bhat
Professor

COMMERCE



Dr. Shubham Pandey
Assistant Professor

DATA SCIENCE & ANALYTICS



Mr. Subodh Kumar
Assistant Professor

HINDI



Dr. Akshansh Bharadwaj
Assistant Professor

Non - Teaching Staff

CENTRAL LIBRARY



Dr. Ravindranath Wodeyar
Deputy Librarian

VC SECRATRIATE



Mr. Kedar Pahadasingh
Personal Assistant

FINANCE & ACCOUNT



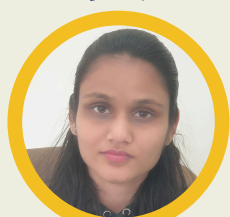
Mr. Shivraj Bairwa
Assistant

CENTRAL LIBRARY



Mr. Sunil Kumar Jangid
Professional Assistant

ARCI



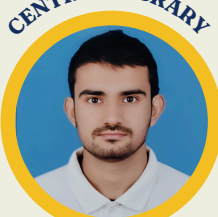
Ms. Ashita Laddha
Statistical Assistant

SCHOOL OF ENGG. & TECH.



Mr. Rahul Sharma
Technical Assistant

CENTRAL LIBRARY



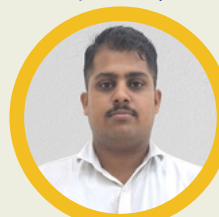
Mr. Manish Singh Rathore
Semi Professional Assistant

CHEMICAL SCIENCES & PHARMACY



Mr. Vishnu Bansal
Laboratory Assistant

ESTATE



Mr. Harish Vaishnav
LDC

ESTATE



Mr. Nand Ram Choudhary
Driver

DEAN (ACADEMICS)



Mr. Keshav Kumar Sharma
Laboratory Attendant

CENTRAL LIBRARY



Mr. Vinod Kumar
Library Attendant

VC SECRATRIATE



Mr. Ganesh Lal Sharma
Multi Tasking Staff

COE OFFICE



Mr. Pavan Kumar
Laboratory Attendant

SCHOOL OF MATHS, STATS & COMPUTATIONALS SC.



Mr. Bagh Singh Bhati
Laboratory Attendant

EDUCATION



Mr. Hemaraj Kumavat
Laboratory Attendant

HEALTH CENTRE



Mr. Ravi Sen
Dresser



MARKING MILESTONES CELEBRATING STAFF PROMOTIONS THROUGH CAS

Teaching Staff

PHYSICS



Prof. Ajit Kumar Patra
Professor

YOGA



Prof. Sanjib Kumar Patra
Professor

BIOTECHNOLOGY



Prof. Pankaj Goyal
Professor

ENGLISH



Prof. Sanjay Arora
Professor

PPLG



Prof. S. Kandasamy
Professor

BIOTECHNOLOGY



Dr. Tarun Kumar Bhatt
Associate Professor

MICROBIOLOGY



Dr. Akhil Agarwal
Associate Professor

PHARMACY



Dr. Umesh Gupta
Associate Professor

ENGLISH



Dr. Bhumika Sharma
Associate Professor

SOCIAL WORK



Dr. Rajeev M M
Assistant Professor

SOCIAL WORK



Dr. Shaizy Ahmed
Assistant professor

Non - Teaching Staff

VC SECRETARIAT



Ms. Neha Bajaj
Sectoion officer

ICT CELL SP -3, COMP. LAB



Mr. Vivek Vyas
Technical Assistant

LIFE SCIENCES



Mr. Pankaj Kumar Tailor
Technical Assistant

LIFE SCIENCES



Mr. Sandeep Sharma
Technical Assistant

LIFESCIENCES



Dr. Aarif Khan
Technical Assistant

FINANCE AND ACCOUNTS



Mr. Pavan Kumar Sharma
UDC

OFFICE OF JOINT REGISTRAR II



Mr. Dilip Raichandani
Assistant



FACULTY ACCOMPLISHMENTS



Dr. Shailendra Pratp Singh

Assistant Professor
Department of Sports
Biosciences

Received the Fellowship of Rs. 49.81 Lakhs From Human Resources Development in sports (HRDS) under the Ministry of Youth Affairs and Sports for "Clinical Application of PGC-1 alpha induction in the metabolic disorder induced patho physiology and Therapeutics"



Dr. Dipak Gayen

Assistant Professor
Department of Biochemistry

Received the Fellowship of Rs. 48.04 Lakhs From DST-SERB core research Grant For "Unraveling the role of endoplasmic reticulum membrane protein in drought-induced response for developing stress-resilient chickpea (Cicer aretinum L.)"



Dr. Chandrakanta Das

Assistant Professor
Department of Chemistry

Received the Fellowship of Rs. 44.35 Lakhs From Science and Engineering Research Board (SERB) For "Development of High Valent Cobalt Catalyst for the Synthesis of Bio Active Hetero cycles via C-H Bond Functionalization"



Dr. Akhil Agarwal (PI)

Associate Professor
Department of Microbiology



Dr. Tarun K Bhatt (Co-PI)

Associate Professor
Department of Bio Technology

Received the Fellowship of Rs. 34.18 Lakhs From SERB under ASEAN International collaborative Project for "Characterization of Fatty Acids from Cyanobacteria for thier Application as Food Emulsifier"



FACULTY ACCOMPLISHMENTS



Dr. Akhil Agarwal (PI)
Associate Professor
Department of Microbiology

Grant from BIRAC

₹2.66 Cr.

to the Central University of Rajasthan
to establish the EYUVA centre

E-YUVA

- INFRASTRUCTURE AND LABS
- INOVATION FELLOWS
- EYUVA FELLOWS
- INCUBATION SPACES



Dr. Shailendra Pratap Singh
(Co - PI)

Assistant Professor
Dept. of Sports Bio-Sciences,

Dr. Garima Koushik (PI)

Assistant Professor
Dept. of Environmental Science



Dr. Shailesh Patidar (Co-PI)

Assistant Professor
Dept. of Environmental Science

Received the Fellowship of Rs. 37.79 Lakhs From the Department of Biotechnology, GOI For "Development of Integrated Remediation Technology for Degradation of Microplastics using Potential Hydrocarbonoclastic Microbial Consortia"

Dr. Jayendra Nath Shukla (PI)

Assistant Professor
Department of Biotechnology



Dr. Vivek Verma (Co-PI)

Ramalingaswamy Fellow
Department of Biotechnology

Received the Fellowship of Rs. 29.09 Lakhs From DST-SERB core research Grant For "Unraveling Spodoptera Frugiperda Effector Protien and thier mode of action in suppressing plant immunue responses"

Ms. Neha Jeena

Research Scholar
Department of Microbiology



Prof. Inshad Ali Khan

Professor
Department of Microbiology

Received the DST-WISE PhD (Women Scientist) Fellowship of Rs. 19.01 Lakhs From Department of Science and Technology, GOI for "Identification of new Therapeutics against SARS Co V-2"



FACULTY ACCOMPLISHMENTS



Prof. Sanjib Kumar Panda

Professor

Department of Biochemistry

Received the Fellowship of Rs. 85.44 Lakhs From SPARC (Scheme for Promotions of Academic and Research Collaboration) Phase3, Ministry of Education. Govt. of India for "Iron Bio-fortification in Mungbean through understanding iron Homestasis & CRISPR-Cas Gene Editing



Mr. Akshay Dhanokar (PI)

Research Scholar

Department of Microbiology



Prof. Pradeep Verma

Supervisor

Professor

Department of Microbiology

Received the Global Antibiotech Research & Development Partnership Travel Award (GARDP) of 5500 LEUROS (Approximately 5900.00 USD) to attend the Gordon Research conferences at California, USA. for the presentation of " New Antibacterial Discovery and Development"

Received a generous grant of ₹. 5 Crore from DST NIDHI to launch an Incubation Centre at CURAJ, aimed at transforming ideas into successful ventures through innovation, creativity, and entrepreneurship

A grant of ₹48.72 Lakhs by SPARC, Ministry of Education (MoE). has been received from the department of Physical Sciences for the project titled "Photothermal Mediated Production of Green Syngas (CO/H₂) via Dry Reforming Reaction at Low Temperature"

CURAJ has been granted ₹2.5 Crore by the Ministry of Education under the Scheme for Promotion of Academic & Research Collaboration (SPARC).

CENTRAL UNIVERSITY OF RAJASTHAN
(Established under the Central Universities Act, 2009)

BIG ACHIEVEMENT !

₹ 5 CRORES
Sanctioned by **DST, INDIA** to establish

Inclusive - Technology Business Incubator (ITBI)

- Provide mentorship & incubation support
- Providing ignition (seed) grants
- Set up Fabrication Laboratory & Incubation Space
- Facilitating the initial startup Ideation & development

Prof. Anand Bhalerao
Vice Chancellor, Central University of Rajasthan

CENTRAL UNIVERSITY OF RAJASTHAN
(Established under the Central Universities Act, 2009)

₹ 2.05 CR
Grant by **SPARC** (Scheme for Promotion of Academic & Research Collaboration of Ministry of Education)

SPARC Objectives :

- Improve Research Ecosystem
- Collaboration with Foreign Institutions
- Provide International Expertise
- Exposure to best Collaborations abroad
- International faculty stay in India
- Indian students work in world class labs
- Improve International Ranking of Indian Institutions

Prof. Anand Bhalerao
(Vice Chancellor, Central University of Raj.)



AWARDS AND RECOGNITION



- **Dr. Devesh Sharma** of Atmospheric science has been awarded a 7,00,000 JPY grant by the Institute for Global Environmental Strategies (IGES), Japan, for his project on the "Circulating and Ecological Sphere (CES) Approach" to promote carbon-neutral city-regions and rural revitalization in Ajmer. The project will run from April to June 2024.



- **Dr. Jayanti Pal** of Atmospheric science received the "Best Oral Presentation" award at the International Conference on Frontiers in Marine Science (MARICON 2024) held at Cochin University of Science and Technology, Kerala, from April 8-10, 2024. She presented her paper on "Interaction of Prominent Modes of Indian Ocean with and without El Nino."

- **Prof. Sanjib Kumar Panda** of Biochemistry was invited as a Distinguished International Guest Scientist at the Hungarian Academy of Sciences, June-August 2024.
- **Prof. Sanjib Kumar Panda** visited Stellenbosch University, Department of Genetics, as an Extraordinary Professor of Genetics, availing the DRD Travel Grant, April 2024.



- **Dr. Chinmay Mallik** of Atmospheric science was honored with the Established Scientist's Travel Support by the European Geosciences Union (EGU) to present his work on "The see-saw relationship of air pollution with climate: novel challenges to urban ecosystems" at EGU2024 in Vienna, Austria. He also served as an OSPP judge at the conference

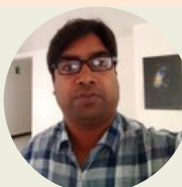
- **Dept. of Physical Science's research project titled "Photothermal Mediated Production of Green Syngas (CO/H₂) via Dry Reforming Reaction at Low Temperature" has been awarded a grant of ₹48.72 lakhs under the SPARC (Scheme for Promotion of Academic and Research Collaboration) funding by the Ministry of Education (MoE).**

- **Professor Dr. Laxmi Kant Sharma, Dept of Environmental Science,** research on marble dust pollution was highlighted by India Today TV on July 21, 2024. The segment, "Inside Rajasthan's Widow Villages: Silicosis Claims Lives in Mining, Forcing Women into Risky Work," explores the impact of marble dust pollution in Rajasthan.



- **Dr. Abhay Kumar Rai, Dept. of Computer Science** has been awarded Rs. 8 lakhs by the Indian Council of Social Science Research (ICSSR) for his project titled "Development of a Computational Framework to Identify the Key Actors in Clandestine Networks" (ICSSR/RPD/MN/2023-24/G/124).

- **Dr. Hemlata Manglani** from the Department of Economics has had her project, "Integrated Water Management through Community Participation: The Two-Decade Journey of Amritya Village, Rajasthan," selected for publication by MoEFCC-UNDP-ISB. The project highlights successful community-driven water management in addressing climate change challenges



- **COSPAR Assembly:** Awarded a 900 Euro grant from COSPAR for the 45th Scientific Assembly in Busan, South Korea (July 13-21, 2024), which he returned to support other participants.
- **IAU General Assembly:** Selected for a registration fee waiver for the XXXII IAU General Assembly in Cape Town, South Africa (August 6-15, 2024), where he will present virtually.



AWARDS AND RECOGNITION

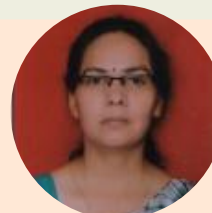


- Dr. Hemlata Manglani from the Department of Economics, along with Prof. Jagdish U. Jadhav and Dr. Jaya K. Ojha, published nine development stories in Dainik Bhaskar's state edition from April 9-17, 2024. The stories, produced in collaboration with the Foundation for Ecological Security, Bhilwara, highlight key regional development initiatives.



Dr. Hemlata Manglani from the Department of Economics, along with Prof. Jagdish U. Jadhav and Dr. Jaya K. Ojha, published nine development stories in Dainik Bhaskar's state edition from April 9-17, 2024. The stories, produced in collaboration with the Foundation for Ecological Security, Bhilwara, highlight key regional development initiatives.

- Dr. Bhumika Sharma got the 'Best paper Award' in Oral Presentation Category for her paper, "Nothing Personal: Rearrangement of Narrative Codes in Tabish Khair's 'Weak Heart'" in the International Conference organized by Department of English, Manav Rachna International Institute of Research and Studies in January, 2024.



- Dr. Ved Prakash has been awarded with the prestigious Meenakshi Mukherjee Memorial Prize, 2024 edition for his article, 'Examining the Domain of Caste, Gender and Sexuality through select films of Jayan K. Cherian', published in The Routledge Companion to Caste and Cinema in India.

- The Department of Biochemistry has achieved a major milestone by securing the prestigious DST-FIST (Department of Science and Technology - Fund for Improvement of Science and Technology) grant. This grant, awarded by the Department of Science and Technology, Government of India, provides ₹1.18 crore to modernize research facilities and foster interdisciplinary studies.



- Dr. Jay Kant Yadav, From the Dept of Biochemistry has been awarded a SPARC project to collaborate with Prof. Johannes Buchner of the Technical University of Munich. The research will explore molecular mechanisms behind congenital cataract formation.

Dr. Janmejay Pandey has been invited to present a poster titled "Role of Bacterial Biofilms in Mitigation of Abiotic Stress; Role in Sustainable Agriculture" at the 18th Congress of the International Union of Microbiological Societies (IUMS). The event will take place in Florence, Italy, from October 23-25, 2024.



- Dr. Sanjay Kumar Patel & Dr. Priyanka Bhaskar have been honored with the "Best Paper Award" for their research paper titled "Enhancing Competitiveness Through Intellectual Capital: Mediating Role of Innovation and Organizational Ambidexterity." And presented at a National Seminar held by the Central University of Himachal Pradesh on June 26-27, 2024.



The project of Dept. of Data Science and Analytics: A Systematic Study of Indian Iron and Steel Industry and Mathematical Modelling for Its Sustainable Supply Chain" has received financial approval. Dr. Santosh Shekhawat will join as a DST-WISE Post-Doctoral Fellow, mentored by Dr. Vidyottama Jain. The approval was granted in June 2024.



EXPERTISE OUTREACH



Physics

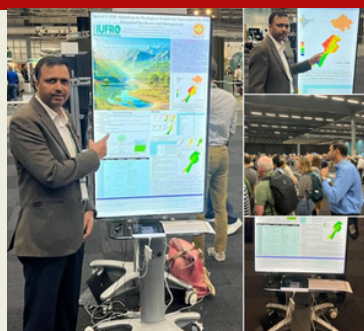


Professor Manish Dev Shrimali, Department of Physics, was invited to deliver a distinguished talk on "Perspectives in Reservoir Computing" at the one-day symposium on "Physics of Complex Systems." The symposium was held at the School of Computational & Integrative Sciences, Jawaharlal Nehru University, New Delhi, on 18 May 2024.

Computer Sciences

At the International Conference on Nonlinear Analysis and Application (ICNAA-2024) on May 11, 2024, at Shridev Suman Uttarakhand University, a notable lecture was given on "Research Work of Prof. S.L. Singh and Analysis of Ancient Multiplication Methods." iques and their modern implications.

Earth Sciencess



- Professor Dr. Laxmi Kant Sharma presented his poster at the International Union of Forest Research Organizations (IUFRO) World Conference. The event, which highlighted global environmental issues, featured discussions on the Aravalli Range, India's natural green wall.
- Dr. Laxmi Kant Sharma participated in a panel discussion and delivered an expert lecture at the National Seminar on Land Restoration, Desertification, and Drought Resilience at SS Jain Subodh College, Jaipur, on June 5, 2024

Culture & Media Studies



- Prof. Amitabh Srivastava has been appointed to the Editorial Board of the IIMT Journal of Management, Internet and Communication

In April 2024, the paper titled "Hashtag Feminism amidst Politics and Economics of Visibility: A Study on #WhyLoiter" was presented by Dr. Pranta Pratik Patnaik. Asst. Prof. CMS at the International Conference on "Future Communication: Rethinking Societies, Cultures and Governance." The conference was organized by the Department of Electronic Media and Mass Communication, Pondicherry University, in collaboration with the University of Toulon, France.



- On June 3, 2024, Dr. Pranta Pratik Patnaik. Asst. Prof. CMS led a lecture on "Review of Literature and Framing Objectives" at a Writing Workshop for senior professionals of the Foundation of Ecological Securities (FES), organized by the School of Social Sciences, Central University of Rajasthan

Economics



- Dr. Hemlata Manglani participated as a resource person at the International Conference on "Sustainable Development Goals: Policies, Actions and Reshaping the Agenda," held on May 5-6, 2024. The event, hosted by the Society for Pathways to Sustainability and Indira Gandhi University, Rewari, Haryana.



EXPERTISE OUTREACH



Economics

Mr. Manobal Kumar and Dr. Hemlata Manglani presented their paper on "Unveiling Research Trends on the Sustainable Development Goals: A Systematic Bibliometric Review" at the International Conference on SDGs held on May 5-6, 2024, organized by the Society for Pathways to Sustainability and Indira Gandhi University, Rewari.

Statistics



- **Dr. Satish Kumar:** UGC-Sponsored National Conference on Mathematics, Statistics, and Data Analysis using "R" Delivered an online invited talk on "Operations Research Models using R-Programming" at Acharya Nagarjuna University, Guntur, Andhra Pradesh, on March 1, 2024.

Dr. Satish Kumar::Siddhartha Mahila College Presented an invited talk on "Statistics and its Importance in the Modern World" in Vijayawada, Andhra Pradesh, on June 29, 2024.

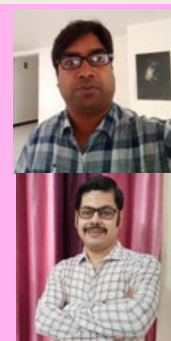
Dr. Deepesh Bhati: International Conference on Advances in Data Analytics & Official Statistics Delivered an invited talk at Savitribai Phule Pune University from May 24-26, 2024, on recent advancements in data analytics and official statistics.



- **Dr. Mahesh Barale:** ICSDS-2024 Presented "A Two-Sample Data Depth Based Test for Testing Locations Vectors" at the International Conference on Statistics and Data Science, Sree Sankara College, Kalady, in association with the Kerala Statistical Association.
- **Dr. Mahesh Barale:** CoDS-2024 Presented "Missing Data Imputation using Data Depth" at the International Conference on Computations and Data Sciences, IIT Roorkee, in collaboration with iHUB DivyaSampark.

Mathematics

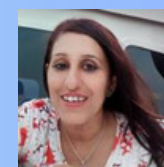
- **Dr. Ram Kishor :** .Online Lecture: Delivered a lecture on "The Most Celebrated Unsolved Problem of Celestial Mechanics" in a webinar organized by Government Engineering College, Bihar on March 14, 2024.
- **Invited Talk:** Presented "Impact of Disc on the Generalized Restricted Three Body Problem" at an online workshop hosted by Mahadevananda Mahavidyalaya, Kolkata, from July 19-29, 2024
- **Dr. Vipul Kakkar,** delivered a lecture on "Automorphisms of Product of Groups" at IIIT Allahabad from July 8-10, 2024



Data Science and Analytics



- **Dr. Vidyottama Jain:** Delivered talks on "Queueing Models and Inventory Models" at Thiagarajar College of Engineering, Madurai (March 22-28, 2024)
- **Dr. Vidyottama Jain:** Collaborating with V. A. Trapeznikov Institute, Moscow, on a DST-RSF project and with IIT Delhi on the Virtual Lab project.



- **Dr. Nishtha Kesswani:** Presented "IT Tools and Technologies for Entrepreneurs" at CURAJ (February 28, 2024), "Research Trends in Cyber Security and Networking" at Jaipur National University (February 16, 2024), and "Trends and Innovations in Computer Science" at S.S. Jain Subodh PG Mahila Mahavidyalaya, Jaipur (February 23, 2024).
- **Dr. Nishtha Kesswani:** Working with JSV Giprosvjaz, Belarus, under the DST Indo-Belarus programme.
- **Dr. Pritpal Singh:** Partnering with National Taipei University of Technology and Vellore Institute of Technology for research and publications.





STUDENTS ACCOLADES



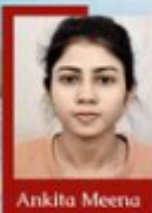


CENTRAL UNIVERSITY OF RAJASTHAN
(Established under the Central Universities Act, 2009)



Congratulations !
to all the selected students for your well deserved success in
GATE Exam 2024

Dept. of Biochemistry

 Ankita Meena	 Aryan Chaudhary	 Lavina Tanwar	 Aysuhee Sharma	 Pranay Bundel	 Ayushi Kaushik
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Dept. of Biochemistry Dept. of Electronics & Communication Engineering

 Prashansa Goyal	 Isha Soni	 Digendra	 Hitesh Tanwar	 Sahil Kumar	 Sameer Khan
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Dept. of Microbiology

 Deepak Kumar Kaushal	 Gargi Gautam	 Priyanka Choudhary	 Roopender Mehala	 Saurav Kumar	 Shivam Kumar
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Dept. of Mathematics

 Deepak Gupta	 Gaurav Kumar Sharma	 Anurodha Mandal	 Rahul Kumar	 Ankita Choudhary
---	--	--	---	---



STUDENTS ACCOLADES





CENTRAL UNIVERSITY OF RAJASTHAN
(Established under the Central Universities Act, 2009)



Congratulations !
to all the selected students for your well deserved success in
GATE Exam 2024

Dept. of Physics

 Ashish Gupta	 Krishna Kumar Godra	 Navita	 Nitish Soni	 Rahul Garg	 Sumit Kotwal	 Sumit Yadav
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Dept. of Economics

Dept. of Linguistics

 Ansar Hussain	 Harsh Pareek	 Ramswaroop Swami	 Ravindra Dan	 Sharad	 Himanshu Chawla
--	---	---	---	--	--

Dept. of Computer Science & Engineering

 Ankit Kumar	 Harish	 Mayank	 Nakshatra	 Nikita Nodal	 Rahul	 Raj Kumar
--	---	---	--	--	--	--

Dept. of Biomedical Engineering

Dept. of Atmospheric Science

 Aman Krishna Sahu	 Sandhya Chauhan	 Shubham Sharma	 Vikas Kumar Varshney	 Naman Kumar Rajouria	 Subhakaran Mahla	 Shreyasi Upadhyay
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STUDENTS ACCOLADES



Commerce

- The students from the Batch of 2023-25 have been selected for the CMA® (Certified Management Accountant) Scholarship. Each student has been awarded a scholarship amounting to USD(\$) 2,463.
- Afreen Bano**, a Research Scholar, has been awarded the "**Best Paper Award**" for her research paper titled "Advancing Towards an Artificial Intelligence Reporting Framework: Integration of AI Disclosure in Reports." The award was presented at the International Conference on Management, Business, and Economy, organized by the Department of Management Studies at Swami Keshvanand Institute of Technology, Management, Jaipur.
- Kirti Jain**, a Research Scholar, has successfully published her research paper titled "Diversification Opportunities: Are Sustainability Indexes A New Option" in the Pacific Business Review (International), a journal listed in WOS and UGC Care.



INDERJEET YADAV



TARUN SAINI



VANDANA KUMARI



NEERAJ SHARMA

Pharmacy

- Ms. Aayushi Bhatnagar has been awarded the prestigious Association of Pharmacy Professionals (APP) Best Scholar Award 2024. The accolade was presented during the APP Indo-Brazilian International Symposium, held at SAM Global University in Bhopal, in commemoration of the International Day of Women and Girls in Science
- Dr. Choudhary has joined Prof. Kelly Chibale's lab at H3D, University of Cape Town, South Africa, focusing on kinase-targeted therapies for Alzheimer's disease.
- Dr. Srivastava** has begun working with Prof. Alan L. Myers at The University of Texas Health Science Center, School of Dentistry in Houston, Texas, on kinase-targeted therapies for cancer.

Atmospheric Science

- Unashish Mondal** presented on the WRF Model's performance in extreme lightning events at the Workshop on Data Assimilation in Weather and Climate Models, International Centre for Theoretical Sciences, Bengaluru (May 6-17, 2024).
- Biplob Sana** delivered a talk on lightning activity and machine learning at the 3rd virtual MeteoXchange ECS Conference (April 4-5, 2024).
- Albin Sabu** participated in the AIRS 2024 workshop on AI models for remote sensing at NIT Puducherry (June 6-12, 2024).
- Vinisha**, Junior Research Fellow, attended the Data Assimilation workshop in Bengaluru (May 6-17, 2024).
- M.Sc. Final year students **Ankith, Dilna, Risna, Mukesh, Madhuri**, and **Niranjana** presented their dissertations at the MeteoXchange ECS Conference
- The Department of Atmospheric Science will begin space weather studies with the Physical Research Laboratory, Ahmedabad. Dr. Chinmay Mallik's proposal for this collaboration was approved in May 2024.



STUDENTS ACCOLADES



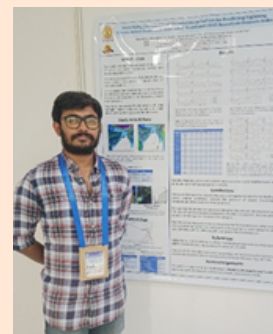
Atmospheric Science



Ms. Varsha Ganguly presenting her groundbreaking research at the EGU General Assembly in Vienna, Austria (14-19 April 2024)



Dr. Chinmay presenting in EGU General Assembly, Vienna, Austria (14-19 April 2024)



Mr. Unashish Mondal with his poster presentation in International Workshop (STIPMEX) at Indian Institute of Tropical Meteorology, Pune held on 01 June 2024-07 June 2024.

Earth Sciences



Mr. Shubham Kumar has received the prestigious recognition SWS Research Award 2024



Ms. Anjana Madhav, has been awarded the prestigious ThinkSwiss Research Scholarship 2024.

Economics

- Ms. Priya Rani, Mr. Aman Verma, Mr. Aman Yadav, and Ms. Plaksha Bhardwaj have been selected for a prestigious summer internship program at the Foundation for Ecological Security (FES) in Bhilwara and each receive a monthly stipend of Rs. 10,000.
- Additionally, Manobal Kumar: Accepted at BITS Pilani, Sharad Kumar: Admitted to IIT Chennai, and Praneeth: Enrolled at Madras School of Economics

Architecture

- **Ar. Hemang Dave and Ar. Vivekanand Tiwari of Central University of Rajasthan received the Best Paper Award at the International Water Conference for Sustainable Development Goals (IWCSGDG-2024).**

Statistics

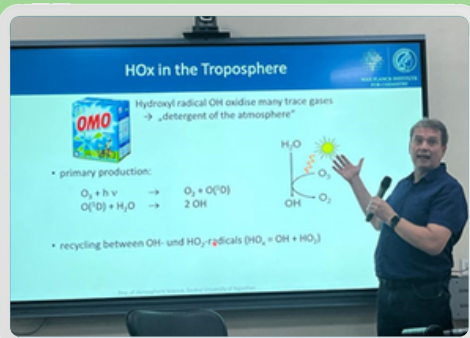
- Ms. Rishika Lodha has secured the First Prize in the All India "On the Spot Essay Writing Competition - 2024," organized by the Ministry of Statistics & Programme Implementation (MOSPI). The competition, held on April 7, 2024.
- Mr. Girish Aradhye (2020PHDSTA003) has been appointed as an Assistant Professor in the Department of Statistics.
- Dr. Shivanshi Shukla (2018PHDSTA003), Dr. Rajni Prajapati (2014IMSST018), and Dr. Harshit Kumar Alhawati (2017MSTA007) have all qualified for the Indian Statistical Services (ISS) examination.



ACADEMIC EVENTS

NEWS & EVENTS

Department of Atmospheric Science



On May 10, 2024, Dr. Hartwig Harder from the Max Planck Institute for Chemistry delivered a keynote lecture on "Impact of Convection on Self-Cleaning Capacity in the Upper Troposphere,". Dr. Harder, known for his pioneering work on OH radicals and their role in atmospheric cleansing, highlighted the significance of OH measurements for air quality policies.

Invited Talk by eminent scientist Dr. Hartwig Harder



Workshop on Agrivoltaics-Based Solutions

On June 24, 2024, Dept. of Atmospheric Science in partnership with IGES, Japan, organized a workshop on "Agrivoltaics-Based Circulating and Ecological Sphere (CES) Approach." Dr. Devesh Sharma noted that insights from the workshop will support scenario analysis and action plans for achieving carbon neutrality and rural revitalization in Ajmer.

Department of Environmental Science

Community Awareness Workshop on Floating Treatment Wetland Systems (FTWS) for Enhancement of Lake Water Quality



On May 17, 2024, the Department of Environmental Science organized a workshop on Floating Treatment Wetland Systems (FTWS) at Ajaymeru Press Club, Ajmer. Shree Abhishek Khanna (I.A.S.), CEO, District Council Ajmer, inaugurated the event, emphasizing the importance of wetlands and ongoing Jal Shakti Mission projects.

Prof. Rajesh Kumar shared FTWS success stories, while Dr. Devesh Sharma discussed climate change impacts on water bodies. The workshop included live FTWS demonstrations and discussions on water pollution and hyacinth issues in Anasagar Lake.



ACADEMIC EVENTS

NEWS & EVENTS

Department of Environmental Science



Conference on Medicinal Plant Research

On February 28-29, 2024, a National Conference on Medicinal Plant Research, focusing on Ashwagandha, jointly organized by the Department of Environmental Science and the Regional cum Felicitation Centre-Western Region (NMPB, Ministry of AYUSH, GoI).

Mr. Sanjay Sharma, Hon'ble State Minister for Forests, inaugurated the conference, with notable speakers including Prof. Anand Bhalerao and Prof. Mahesh Dadich. Key topics included medicinal plant marketing, Ashwagandha cultivation, and phytopharmaceuticals. Miss Pratibha won the top oral presentation award.



On March 13-14, 2024, in collaboration with RGNIYD, Sriperumbudur, held a training programme titled "Sustainable Horizons: Navigating Solid and Plastic Management towards a Zero-Waste Campus."

The event trained 100 students on waste reduction, segregation, recycling, and disposal techniques. Eight experts spoke, empowering participants to advocate for zero-waste practices. The programme was coordinated by Dr. D. Bhagawan and Dr. Garima Kaushik.

Department of Economics



Dr. Hemlata Manglani of the Department, in collaboration with the Foundation for Ecological Security (FES), conducted a workshop on April 20-21, 2024, at FES Bhilwara. The workshop focused on crafting development stories addressing environmental issues, common property resources, water management, and grazing land.

Dr. Manglani, along with Prof. Jagdish U. Jadhav and Ms. Parul, guided participants in enhancing their storytelling skills to highlight crucial ecological and resource management topics



ACADEMIC EVENTS

NEWS & EVENTS

WORKSHOP ON COMMONS WRITING FOR FES PROFESSIONALS



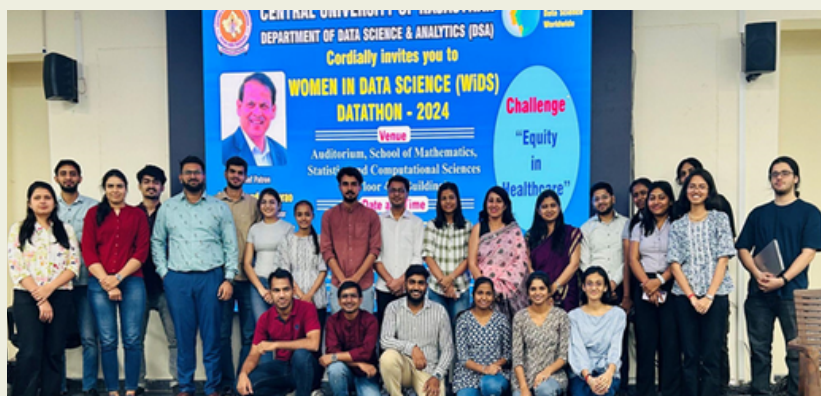
Dr. Hemlata Manglani from the Department of Economics, along with Prof. Jagdish U. Jadhav and Dr. Jaya K. Ojha, led a "Writing Workshop on Commons" on June 3-4, 2024, in collaboration with the Foundation for Ecological Security (FES). The workshop aimed to enhance writing skills related to common property resources for senior FES professionals.



Department of Data Science and Analytics

WIDS DATATHON 2024

One Day WiDS (Women in Data Science) CURAJ - 2024, a hybrid event aimed at enhancing women's presence in data science. Organized by Dr. Bhavna Saini and Dr. Pritpal Singh, the event highlighted the achievements of women in the field. Embracing a hybrid format, the event was part of the global WiDS initiative from Stanford University, which aims to enhance the representation of women in data science and highlight their remarkable achievements in the field.



Department of Public Policy, Law, and Governance



On May 7, 2024, the Central University of Rajasthan's Department of Public Policy, Law, and Governance hosted a Mock Youth Parliament in the university auditorium. The event provided students with hands-on experience in parliamentary procedures, featuring debates on key issues such as economic policies and national security.



ACADEMIC EVENTS

NEWS & EVENTS

Department of Chemistry

INTERNATIONAL CONFERENCE ON FRONTIERS IN CATALYSIS (FIC-24)



the successful organization of the International Conference on Frontiers in Catalysis (FIC-24), held from January 4-5, 2024. The conference brought together leading experts, researchers, and scholars in the field of catalysis to discuss advancements, challenges, and future directions.

5TH DR. SUNIL G. NAIK MEMORIAL LECTURE DELIVERED BY PROF. LIVIU M. MIRICA AT FIC-24



The Department of Chemistry at Central University of Rajasthan (CuRaj) hosted the 5th Dr. Sunil G. Naik Memorial Lecture as a highlight of the International Conference on Frontiers in Catalysis (FIC-24) held from January 4-5, 2024. This prestigious lecture was delivered by Prof. Liviu M. Mirica, a renowned expert in the field of catalysis.

Department of Biochemistry

NATIONAL CONFERENCE ON 'ADVANCES IN BIOCHEMICAL SCIENCES: BASIC TO TRANSLATIONAL RESEARCH'



The Department of Biochemistry hosted the national conference "Advances in Biochemical Sciences: Basic to Translational Research" on March 20-21, 2024. Inaugurated by Major General Subhash Chandra Pareek, the event highlighted advancements in human health, microbial sciences, and plant sciences. It featured lectures from prominent scientists, including Dr. Soumen Basak, and included six sessions with 15 speakers, around 40 presentations, and over 50 participants. Sponsorship from S.P. Biotech, Astronic Lab Solutions, and BD Biosciences was crucial to its success.



ACADEMIC EVENTS



Department of English

WORKSHOP

From March 5-7, 2024, the English Department hosted a three-day Lecture Cum Workshop on Indian Aesthetics for Master's students. Esteemed speakers Dr. Manoj Kumar (Allahabad University), Dr. Banibrata Mahanta (Banaras Hindu University), and Professor K.M. Pandey (Banaras Hindu University) led interactive sessions, blending theory with practical activities.

Department of Electronics & Communication

TOWARDS INCLUSIVE SOCIETY 5.0: ARTIFICIAL INTELLIGENCE IN IMPROVING QUALITY OF LIFE



The Department of Electronics & Communication successfully organized a guest lecture on 25.04.2024 by Dr. Mufti Mahmud from the Department of Computer Science & Medical Technology Innovation Facility, Nottingham Trent University, Nottingham, United Kingdom. Dr. Mufti Mahmud delivered an enlightening talk on the role of Artificial Intelligence in enhancing the quality of life and working towards an inclusive Society 5.0. His insights into the intersection of AI, healthcare, and societal advancement captivated the audience, comprising students, faculty, and researchers.

Department of Yoga

CURAJ'S PRE-INTERNATIONAL DAY OF YOGA: MASS SURYA NAMASKAR EVENT



To celebrate the 10th International Day of Yoga, CURAJ's Department of Yoga organized a Surya Namaskar event on May 2, 2024. Over 400 students participated in this sunrise yoga session, performing 12 postures in sync with breathwork, and embracing the spiritual essence of Yoga. The event featured Vedic chants and was led by Dr. Kashinath Metri with guidance from Professor Sanjib Patra.



ACADEMIC EVENTS



हिन्दी विभाग

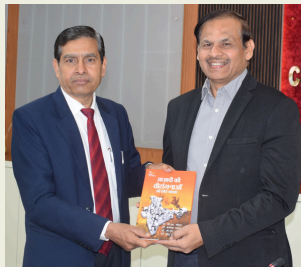
पांच दिवसीय अनुवाद और रचनात्मक लेखन कार्यशाला की सफलतापूर्वक समाप्ति



- सेंट्रल यूनिवर्सिटी ऑफ राजस्थान के स्कूल ऑफ लैंग्वेज एंड ह्यूमेनिटीज के हिंदी विभाग ने 29 मई से 3 जून 2024 तक पांच दिवसीय अनुवाद और रचनात्मक लेखन कार्यशाला का आयोजन किया। इस कार्यक्रम का उद्देश्य पाठ्यक्रम और ग्रीष्मकालीन प्रशिक्षण के लक्ष्यों के अनुरूप अनुवाद कौशल और रचनात्मक लेखन क्षमताओं को बढ़ाना था।
- कार्यशाला की शुरुआत डॉ. नरेंद्र प्रसाद शर्मा 'कुसुम' द्वारा की गई, जिन्होंने पौधे लगाए और देवी सरस्वती को पुष्प अर्पित किए। उनका स्वागत प्रोफेसर डॉ. संजय अरोड़ा, हिंदी विभाग की प्रमुख शीटल प्रसाद महेन्द्र, प्रोफेसर एन लक्ष्मी अय्यर और डॉ. सुरेश सिंह राठौड़ ने किया। सत्रों का संचालन डॉ. अक्षांश भारद्वाज ने किया।
- मुख्य विषयों में अनुवाद तकनीकें, साहित्यिक नवाचार, राजनीतिक और कानूनी अनुवाद मुद्दे, और अनुवाद उपकरण शामिल थे। डॉ. शीटल प्रसाद महेन्द्र, डॉ. सुरेश सिंह राठौड़, डॉ. नेहा अरोड़ा, डॉ. महमूद ज़हीद, प्रोफेसर एन लक्ष्मी अय्यर, डॉ. ओम कुमार करणा, और प्रोफेसर संजय अरोड़ा द्वारा महत्वपूर्ण व्याख्यान दिए गए।
- इस कार्यशाला ने हिंदी और अंग्रेजी विभागों के छात्रों के लिए अनुवाद और रचनात्मक लेखन कौशल को उन्नत करने में महत्वपूर्ण भूमिका निभाई।

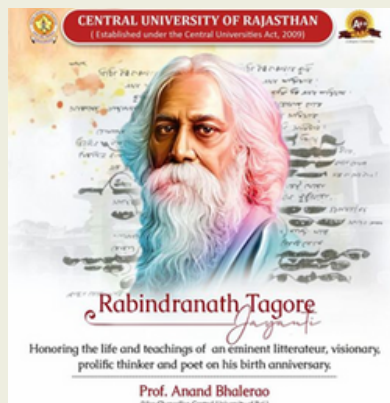
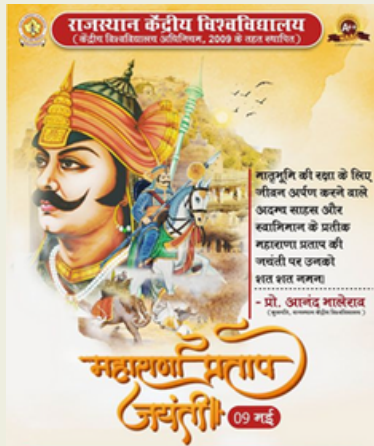
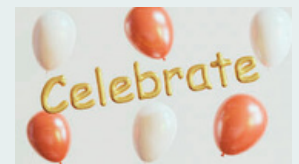
राजभाषा

विश्वविद्यालय अनुदान आयोग की समिति द्वारा दिनांक 13 मार्च, 2024 को राजस्थान केंद्रीय विश्वविद्यालय का राजभाषा संबंधी कार्यों का निरीक्षण किया गया। इस निरीक्षण समिति में आयोग के डॉ. जी. एस. चौहान, संयुक्त सचिव तथा डॉ. विनोद सिंह यादव, उप सचिव शामिल थे। निरीक्षण के दौरान समिति द्वारा कुलपति सचिवालय, कुलसचिव कार्यालय, वित्त एवं लेखा अनुभाग, संपदा अनुभाग, स्थापना अनुभाग, भर्ती प्रकोष्ठ, परीक्षा नियंत्रक कार्यालय, भंडार एवं क्रय अनुभाग, राजभाषा प्रकोष्ठ सहित विभिन्न अनुभागों में जाकर विभिन्न फाइलों, प्रपत्रों एवं दस्तावेजों का निरीक्षण किया गया तथा हिंदी में किये गये कार्यों की समीक्षा की गई। विश्वविद्यालय अनुदान आयोग की समिति ने विश्वविद्यालय में हिंदी में किये जा रहे कार्यों तथा राजभाषा कार्यान्वयन के प्रयासों की सराहना की। निरीक्षण समिति द्वारा विश्वविद्यालय के नैक कक्ष में माननीय कुलपति महोदय तथा विभिन्न अधिकारियों के साथ बैठक भी की जिसमें विश्वविद्यालय के हिंदी अधिकारी डॉ. ओम कुमार कर्ण द्वारा विश्वविद्यालय में राजभाषा कार्यान्वयन हेतु किये जा रहे प्रयासों पर प्रस्तुतीकरण दी गई। बैठक के प्रारंभ में माननीय कुलपति प्रो. आनंद भालेराव ने डॉ. जी. एस. चौहान, संयुक्त सचिव तथा डॉ. विनोद सिंह यादव को श्रीमद्भागवत गीता, श्रीफल, शॉल एवं स्मृति चिह्न प्रदान का उनका स्वागत किया। निरीक्षण समिति ने राजभाषा कार्यान्वयन संबंधी प्रस्तुतीकरण पर प्रसन्नता प्रकट की। समिति ने विश्वविद्यालय में गणतंत्र दिवस, विज्ञान दिवस तथा राष्ट्रीय युवा दिवस के अवसर पर लगाई गई प्रदर्शनी का भी अवलोकन किया और इनकी सराहना की।





CELEBRATIONS





NEWS & EVENTS



Birth Anniversary of Dr. B.R. Ambedkar



The Central University of Rajasthan marked Dr. Babasaheb Bhim Rao Ambedkar's birth anniversary with a poignant ceremony. Chief Guest Mr. Kanhaiya Lal Berwal Chancellor of Dr. Harisingh Gaur Central University and Honorable Vice Chancellor Prof. Anand Bhalerao highlighted Dr. Ambedkar's legacy of social justice, constitutional reform, and his influence on modern India.

Rajasthan Diwas



Central University of Rajasthan (C U Raj) celebrated Rajasthan Diwas with vibrant cultural performances and insightful discussions, honoring the rich heritage of Rajasthan.

The event was graced by **Prof. L N Harsh, Former Vice Chancellor of Agricultural University, Jodhpur**, as the Chief Guest and, added significant value to the festivities, highlighting the cultural and academic importance of the occasion.





NEWS & EVENTS

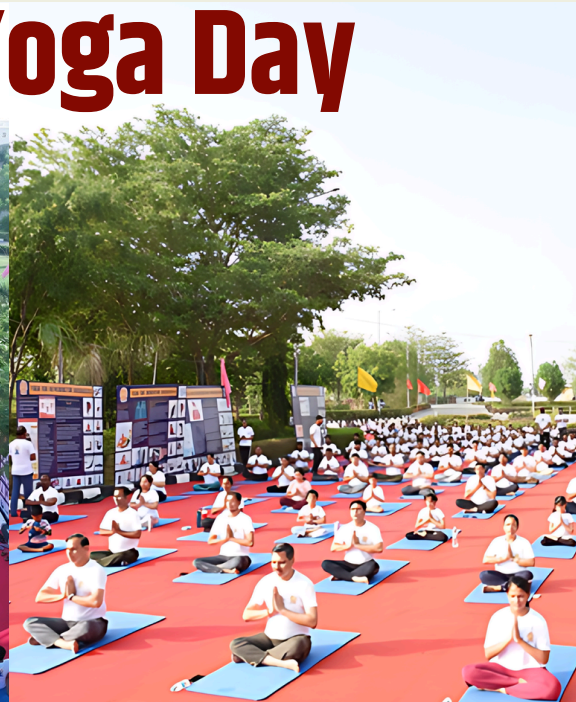


Birth Anniversary of Maharana Pratap Singh



On May 9th, 2024, Central University of Rajasthan honored the birth anniversary of Maharana Pratap Singh with a special event commemorating the legendary warrior's contributions to history. Honorable Vice Chancellor Prof. Anand Bhalerao spoke passionately about the enduring significance of Maharana Pratap Singh's life and legacy, highlighting his inspirational leadership and bravery.

10th International Yoga Day



Central University of Rajasthan (CURAJ) celebrated the 10th International Yoga Day with great enthusiasm. The event, led by Honorable Vice-Chancellor Prof. Anand Bhalerao, featured participation from officers, staff, faculty, students, and families. The celebration included a Mass Yoga session and insightful remarks on Yoga's ancient principles by Vice-Chancellor Prof. Anand Bhalerao emphasized Yoga's scientific and universal benefits in his address, highlighting its role in promoting physical fitness and concentration.



NEWS & EVENTS



The Central University of Rajasthan celebrated World Environment Day with a successful tree planting drive in the Herbal Garden on campus. Under the theme "Land Restoration, Desertification, and Drought Resilience," the event highlighted the urgent need to combat land degradation and climate change.

Honorable Vice-Chancellor Prof. Anand Bhalerao, emphasizing the importance of collective action. "Each tree planted symbolizes our commitment to a healthier and more resilient planet," he stated.

The Art & Adventure of Wild Life Film Making



On May 10th, 2024, the Central University of Rajasthan hosted an insightful session by renowned wildlife filmmaker Shri Kiran Ghadge on 'The Art & Adventure of Wildlife Filmmaking.' Under the leadership of Honorable Vice Chancellor Prof. Anand Bhalerao,

Shri Ghadge shared his extensive experience and captivating stories from his work in wildlife documentaries, leaving the audience spellbound.



LIBRARY INITIATIVES



Webinar on "Academic and Research Integrity with AI with Special Reference to TURNITIN"

A webinar on "Academic and Research Integrity with AI with Special Reference to TURNITIN" was organized at the Central Library, Central University of Rajasthan, on April 30, 2024, at 4:00 PM. The event aimed to support academic excellence and integrity among the stakeholders of the Central University of Rajasthan (CURAJ) and provide valuable insights for utilizing TURNITIN effectively for the University's research and academic endeavors.

CENTRAL UNIVERSITY OF RAJASTHAN
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FREE Live Session

ACADEMIC AND RESEARCH INTEGRITY WITH AI WITH SPECIAL REFERENCE TO TURNITIN

Participants
Faculty
Research Scholar
and Student
form CURAJ

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Resource Person
Ms. Purna Bose
Sr. Solutions Engineer
Turnitin, SA

VIDYACHETAN : Central University of Rajasthan's Library Blog



The Central University of Rajasthan is unveil its new library blog, aimed at enhancing academic engagement and access to resources. The blog will feature book reviews, research tips, library updates, and highlights of faculty and student research. Accessible via the library's website, the blog invites students, faculty, and staff to explore and contribute to this new platform.

CURAJNEWS : Central University of Rajasthan's News Blog

The Central University of Rajasthan proudly announces the launch of its new University News Blog. This platform will provide the latest updates on campus events, faculty and student achievements, research advancements, and community stories. Visit the blog on the university's website to stay informed and connected



Central University of Rajasthan Releases Quarterly Library Newsletter

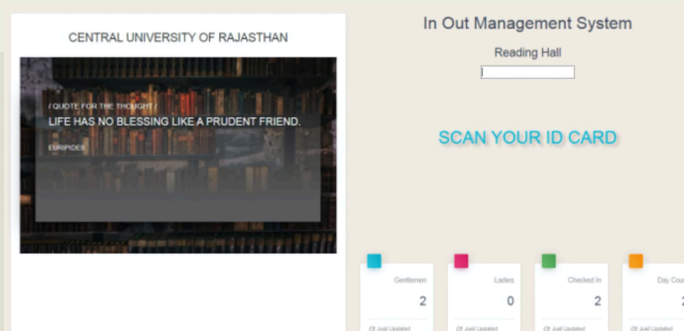
The Central University of Rajasthan releases of its quarterly library newsletter. This publication will offer insights into recent library developments, upcoming events, and highlights of notable acquisitions and research.

Newsletter Features:

- Library Updates: Latest news and changes in library services.
- Upcoming Events: Information on workshops, talks, and special programs.
- Spotlight on Resources: Highlights of new books and databases.

Online Library Visiting Register "IN OUT" System

The Central University of Rajasthan has introduced "INOUT," an online visiting register for library users. This new system allows users to log their visits online and providing real-time updates on library occupancy. INOUT enhances convenience and efficiency for all library members.





SCHOLARLY SHOWCASE



RESEARCH STRENGTH

Scopus
Since
2009

PUBLICATIONS

2421

CITATIONS

45018

H-Index

83

**WEB of
SCIENCE**
Since
2009

PUBLICATIONS

2341

CITATIONS

34528

H-Index

76

**CURAJ
IRINS**
Since
2009

PUBLICATIONS

3128

CITATIONS

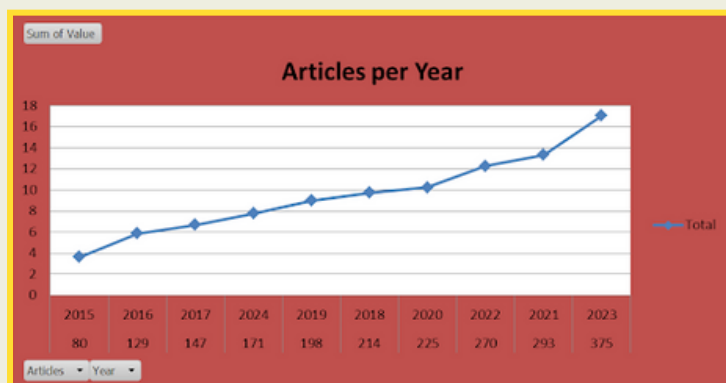
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PATENTS

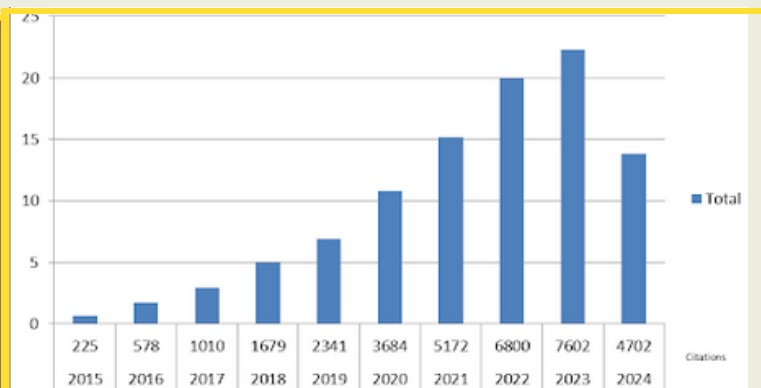
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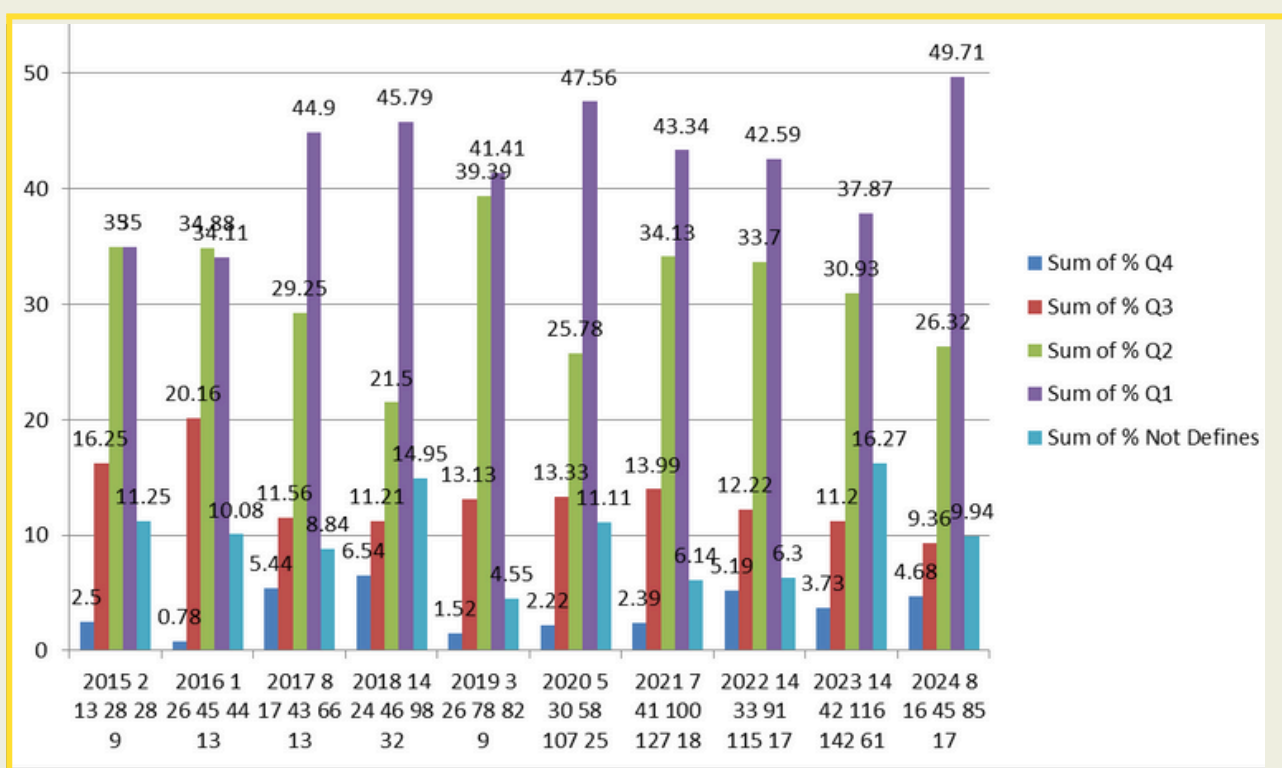
SCHOLARLY SHOWCASE



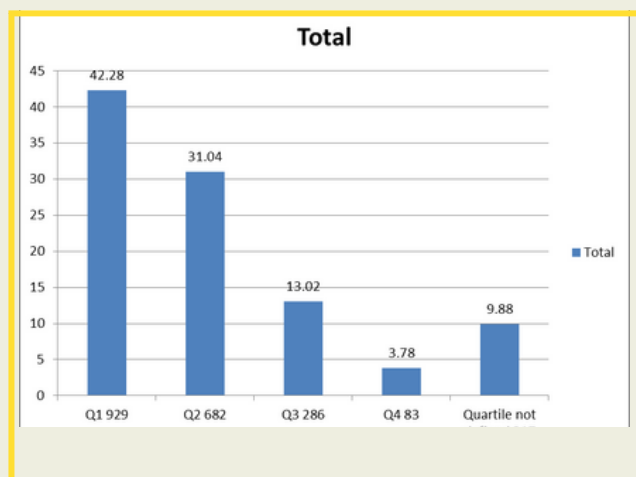
Publications Per Year



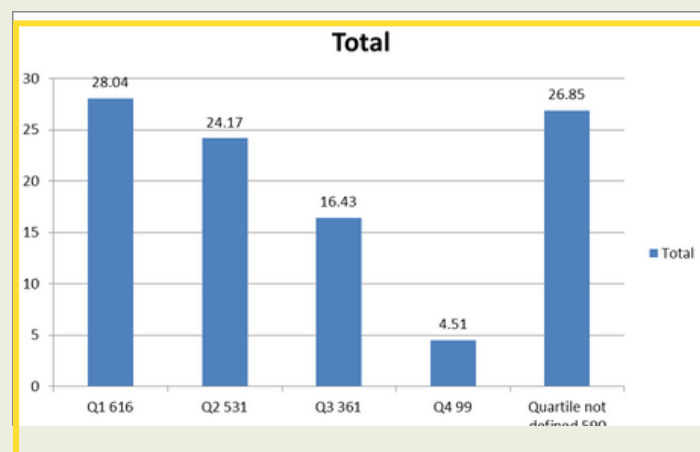
Citations Per Year



SCIMAGO Quatiles / Year



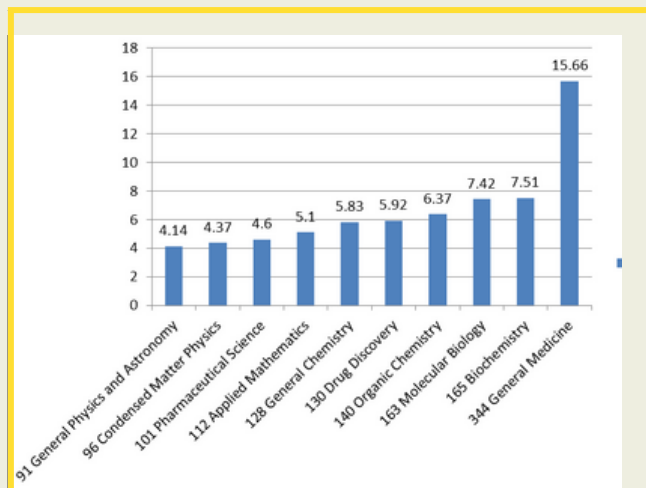
Quartiles by Scimago



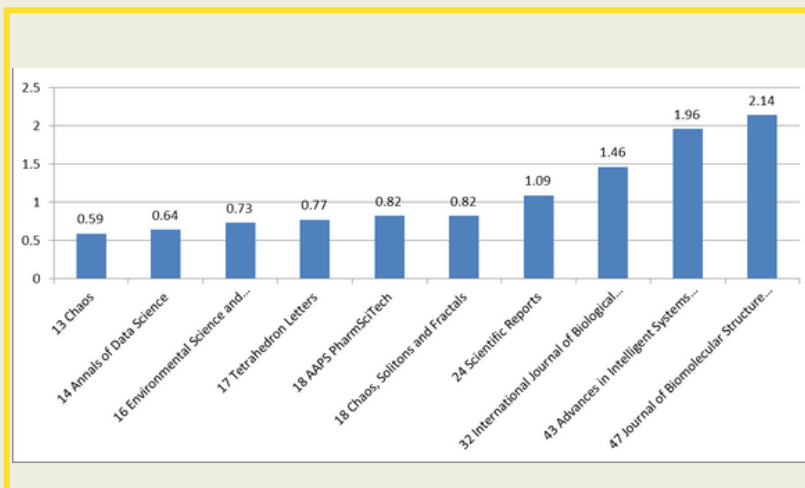
Quartiles by WOS



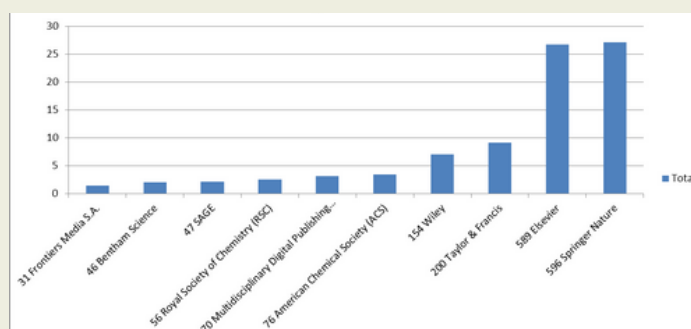
SCHOLARLY SHOWCASE



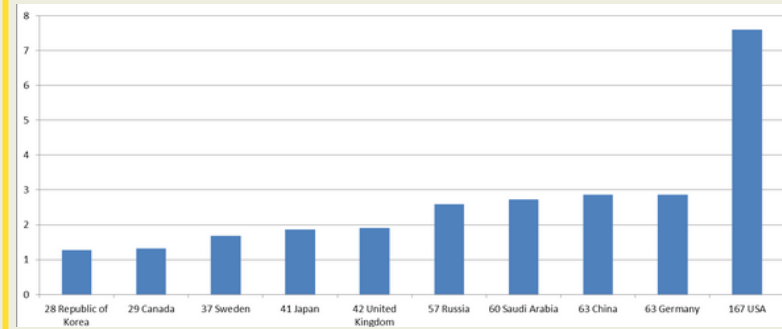
Top 10 Science Fields



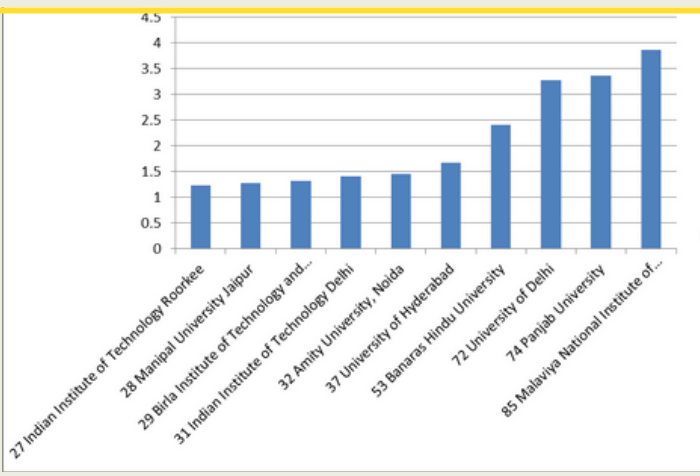
Top 10 Journals



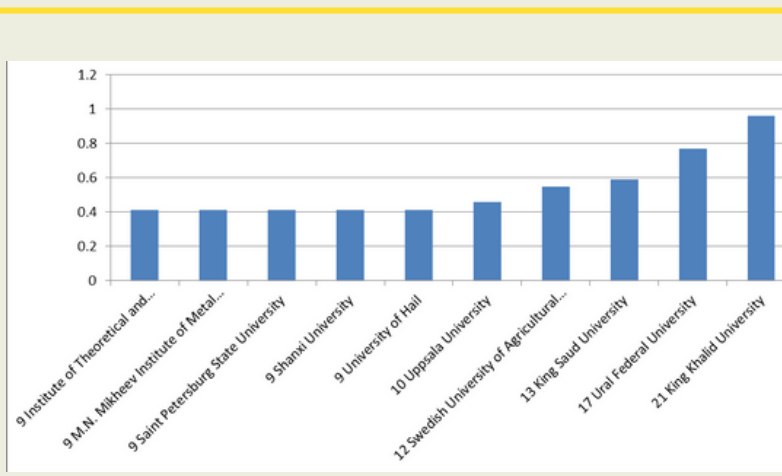
Top 10 Publishers



Top 10 Country Collaboration



Top 10 National Collaboration Institutions



Top 10 International Collaboration Institutions



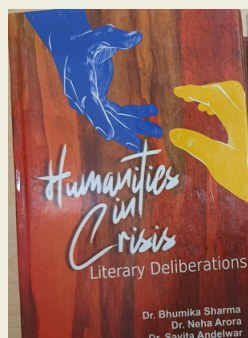
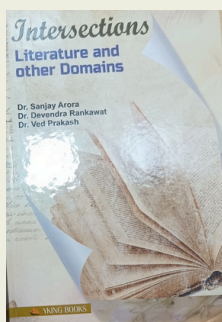
PUBLICATIONS



On May 20th, 2024, the Department of English at the Central University of Rajasthan proudly announced the release of two significant volumes:

- **Humanities in Crisis: Literary Deliberations** Edited by **Dr. Bhumika Sharma, Dr. Neha Arora, and Dr. Savita Andelwar**, This volume delves into the challenges faced by the humanities today, offering insightful literary discussions on the subject
- The second volume, **Intersections: Literature and Other Domains**, edited by **Dr. Sanjay Arora, Dr. Devendra Rankawat, and Dr. Ved Prakash**, explores the connections between literature and various other fields, presenting interdisciplinary perspectives

The books were launched by Prof. Sudhi Rajiv, Vice-Chancellor of Haridev Joshi University of Journalism and Mass Communication.



ISBN: 1-0364-0091-3
ISBN13: 978-1-0364-0091-0
Release Date: 24th April 2024
Pages: 208

"Creating a New Horizon in Pedagogy through the Growth Mindset," authored by our faculty **Anjali Sharma** and a research scholar **Sukanya Singh** from the school of Education. Released on April 24, 2024, through Cambridge Scholars Publishing, this book explores innovative teaching methods.

Anjali Sharma and Sukanya Singh, collaborated on this groundbreaking work, which focuses on the power of a growth mindset in education.

- Singh, P. (2024). Biomedical image analysis: Special applications in MRIs and CT scans. Springer Nature. ISBN: 978-981-99-9938-5

Patent Publications

- Dr. Pratibha Vijay Jadhav, Dr. Ashok Kumar, Prof. Rohit Vasant Raskar, Ms. Seema Babusing Rathod, Dr. Rupali Atul Mahajan, Dr. Saurabh Kumar, Prof. Dr. Haribhau R. Bhapkar, Mr. Aditya Manohar Pawar, Mr. Irsad Ijrail Ansari of Statistics Department Published a Patent: Smart Health Smoking and Drinking Detection Device
Design Number: 402705-001
- Anjali Sharma and Sukanya Singh, Under Literary Category; Growth Mindset Pedagogical Framework for Elevate Learning Paradigm on 21/03/2024, IPR, CopyRight Office, Government of India. Registration Number L-145605/2024.

Copyright Registration of Certificate Details:	
1. Diary Number:	34647/2023-CO/L
2. Date of Application:	24/12/2023
3. Applicant Name:	DR ANJALI SHARMA
4. Title of The Work:	Growth Mindset Pedagogical Framework for Elevate the Learning Paradigm
5. Registration Number:	L-145605/2024
6. Date of Registration:	21/03/2024
7. Status:	Registered





PUBLICATIONS



ATMOSPHERIC SCIENCE

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- Patel, M., Gupta, D., Saini, A., Kumari, A., Priya, R. and Panda, S.K., 2024. Physiological Phenotyping and Biochemical Characterization of Mung Bean (*Vigna radiata* L.) Genotypes for Salt and Drought Stress. *Agriculture*, 14(8), p.1337.
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- Regon, P., Saha, B., Jyoti, S.Y., Gupta, D., Kundu, B., Tanti, B. and Panda, S.K., 2024. Transcriptional networks revealed late embryogenesis abundant genes regulating drought mitigation in aromatic Keteki Joha rice. *Physiologia Plantarum*, 176(3), p.e14348.
- Thounaojam, T.C., Meetei, T.T., Devi, Y.B., Tanti, B., Panda, S.K. and Upadhyaya, H., 2024. Arsenic stress responses in sensitive and tolerant rice of North-East, India. *Cereal Research Communications*, pp.1-15.

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- Singh, M. S., Choudhary, P., Thongam, K., & Bhagat, P. K. (2024). An integrated machine learning approach for congestive heart failure prediction. Diagnostics, Special Issue on "Artificial Intelligence in Medical Image Processing and Disease Diagnosis". <https://doi.org/10.3390/diagnostics.xxxx>
- Agrawal, T., Choudhary, P., & Kumar, V. (2024). A comparative study of brain tumor classification on unbalanced dataset using deep neural networks. Biomedical Signal Processing and Control, 86, 105192. Elsevier. <https://doi.org/10.1016/j.bspc.2024.105192>

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PUBLICATIONS



- Singh, M. S., Choudhary, P., Thongam, K., & Bhagat, P. K. (2024). An integrated machine learning approach for congestive heart failure prediction. *Diagnostics*, Special Issue on "Artificial Intelligence in Medical Image Processing and Disease Diagnosis". <https://doi.org/10.3390/diagnostics.xxxx>
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- Sharma, O., Srivastava, S., Sharma, M., & Malik, R. (2024). Discovery of benzoxazepines as a new class of PIM1 kinase inhibitors through structure-based virtual screening, biochemical evaluation, and cytotoxicity studies. *Chemistry Select*. Advance online publication. Dr. Bhanwar Singh Choudhary and Dr. Shubham Srivastava have started new postdoctoral positions.
- Dr. Choudhary has joined Prof. Kelly Chibale's lab at H3D, University of Cape Town, South Africa, focusing on kinase-targeted therapies for Alzheimer's disease.
- Dr. Srivastava has begun working with Prof. Alan L. Myers at The University of Texas Health Science Center, School of Dentistry in Houston, Texas, on kinase-targeted therapies for cancer.
- Jha, S., Prabakaran, A., Sahoo, R. K., Batheja, S., Gupta, U., & Alexander, A. (2024). Antiproliferative activity of syringic acid-loaded nanostructured lipid carriers against MCF-7 human breast carcinoma cells. *Journal of Drug Delivery Science and Technology*, 98(105902), 1-11.
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- 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*.



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Central University of Rajasthan

NH-8, Bandarsindri, Kishangarh

District-Ajmer (Rajasthan), India-305817

Phone (O): +91-1463-238755, Fax: +91-1463-238722

Website: <https://www.curaj.ac.in>, E-mail: info@curaj.ac.in