

Dr. Neeraj Panwar, Department of Physics, delivered an informative lecture on the Nobel Prize in Physics 2014, awarded to Prof. Isamu Akasaki, Prof. Hiroshi Amano and Prof. Shuji Nakamura, for their invention of efficient blue light emitting diodes. Dr. Sanjay Arora, Department of English, gave a talk on The Nobel Prize in Literature 2017, awarded to Kazuo Ishiguro, whose works have great emotional force, had uncovered the abyss beneath our illusory sense of connection with the world. The session concluded with a Vote of Thanks by Prof. Krishnan, Dean Academics. The second series of talks on the Nobel Lecture Series was organized on 28th February 2018 to coincide with the National Science Day celebrations. The series comprised of talks on the Nobel prizes on Chemistry, Economics and Physiology & Medicine for the year 2017. Convener of the Innovation Cell, Prof. Someshwar Das spoke at the outset about the importance of the National Science Day and also briefed about the day's lectures. Dr. Pankaj Goyal, Department of Biotechnology, outlined the salient features of Cryo-Electron Microscopy for the high-resolution structure determination of biomolecules in solution for which Nobel Prize in Chemistry 2017 was awarded to Prof. Jacques Dubochet, Prof. Joachim Frank and Prof. Richard Henderson. The talk also brought to light the inter-disciplinary nature of science and the importance of research at the interface of various scientific disciplines. Dr. Mohd Hussain Kunroo, Department of Economics, spoke about the Nobel Prize in Economics 2017, awarded to Prof. Richard H. Thaler, for his contributions to behavioural economics. Dr. Tarun Kumar Bhatt, Department of Biotechnology, gave an interesting and informative talk on the Nobel Prize in Physiology & Medicine 2017, awarded to Prof. Jeffrey C. Hall, Prof. Michael Rosbash and Prof. Michael W. Young, for their discoveries of molecular mechanisms controlling the circadian rhythm. The session concluded with a Vote of Thanks by Prof. A. K. Gupta, Dean Research.

School of Architecture

Dean: Ar. Ritu B Rai

The School of Architecture envisions becoming a Center 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 region. 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 are initiated in specialized fields.

Department

- Department of Architecture

Department of Architecture

Head: Ar. Ritu B Rai

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

Program Offered

M. Arch. (Sustainable Architecture)

Faculty

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

Academic Activities

1. Expert Lecture/ Seminar/ Visit

Name	Event	Date
Dr. Sanjeev Vidyarthi	Associate professor, Department of Architecture and Planning, The University of Illinois, Chicago <i>Sustainable Design Process and Research Methodology</i>	8/12/2018

Er. Sudhir Mathur	MEP Consultant, Jaipur <i>Mechanical Electrical and Plumbing Services for Housing and Offices</i>	31/1/2018
Ar. Usha Kshana	Chief Architect (Rtd.), Public Works Department, Government of Rajasthan <i>Sustainable Design solutions for Institutional Projects</i>	18/4/2018
Ar. N. K. Khare	Chief Town Planner (Rtd.), Government of Rajasthan <i>Sustainable Urban Design Strategies</i>	19/3/2018 15/5/2018
Ar. Mukul Goyal	Senior Landscape Architect, VishArch Associates, Jaipur <i>Sustainable Landscape Development for Corporate offices</i>	26/9/2017 7/11/2017
Ar. Kalpna Pandit	Associate Professor, Department of Architecture, MNIT Jaipur <i>Research Methodology for Masters Dissertation and Design Studios</i>	30/10/2017 14/12/2017
Prof. Nilkanth Shinde	Professor, Shivaji University Kolhapur <i>Technologies for Renewable Energy</i>	25-27/10/2017
Ar. Rajeev Shringi	Professor, Department of Architecture, MNIT Jaipur <i>Sustainable Design Process</i>	24/4/2018
U.K. Srivastav	Chief Town Planner (Rtd.), Dept. Of Town Planning, Government of Rajasthan <i>Sustainable Design solutions for Institutional Projects</i>	18/4/2018
Ar. Mahesh Paliwal	Senior Practicing Urban Designer and Landscape Architect <i>Sustainable Landscape Development for Urban Space</i>	8-9/2/2018 14-16/4/2018
Er. Rajeev Garg	Superintending Engineer <i>Operation and Maintainance of Building Services in An Institute campus</i>	25/4/2018

2. Conference/Workshop/Symposium organized

Course under Global Initiative of Academic Networks (GIAN) Scheme on “Sustainability in the Built Environment” funded by MHRD from 8_12January, 2018. (Course was Conducted as a 2 Credit course)

3. Other Academic Activities (Educational Tour)

Workshops

- M. Arch. 1stsemester students attended Indian Green Building Congress 2017 on 5-7 Oct., 2018 at Hotel Clarks Amer, Jaipur.
- M. Arch. 1stsemester students attended Heritage Walk on Water as a culture organized by Mool Foundation, Jaipur on 5-7 Oct., 2018.
- M. Arch. 1st and 3rd semester students attended workshop on “Resource-sensitive Urban Design” Organized by Global Initiative of Academic Networks (GIAN) at MNIT, Jaipur on 27-3 March, 2018.
- M. Arch. 1stsemester students attended Workshop on “Mad about Clay-A workshop in ceramics” organized by Mool Foundation, Jaipur on 4-5 August, 2018.

Site Visits

- Site Visit of Jal Mahal, Mansagar Lake, Jaipur for M-arch 1st Semester student for “Design Studio Exercise Case Study(DSA-01)” on 28 July, 2017. Led by Ar. Mukul Goyal, Ar. Ritu B. Rai, Ar. Vivekanand Tiwari.
- Site Visit of Jal Ananta Resort, Pushkar for M-arch 1st Semester student for “Part of Design Case Study – DSA-01” on 23 August, 2017. Led by Ar. Mukul Goyal.
- Site Visit of Administration Building, Central University of Rajasthan for M-arch 1st Semester student for “Armstrong False Ceiling” on 9 Oct., 2017. Led by Ar. Mr. Vijay Kulkarni, Ar. Neeraj Gupta.
- Site Visit of Udyog Bhavan, Jaipur for M-arch 1st Semester student for “Part of Design Case Study-DSA-02” on 1st February, 2018. Led by Er. Ashtosh Deshmukh, Ar. Neeraj Gupta
- Site Visit of SEZ, Jaipur for M-arch 1st Semester student for “Part of Design Case Study- DSA-02” on 7 February, 2018. Led by Ar. Neeraj Gupta
- Site Visit of Ar. Sanjay Prakash's Residence at Delhi for M-arch 1st Semester student for “Vernacular Architecture” on 18 February, 2018. Led by Ar. Sanjay Prakash

4. Awards

Bijarnia Yogita Shriram (M. Arch. Student of Batch-2015-17) received Gold Medal in Convocation 2017 of Central University of Rajasthan.



Two Studio workshops on “Landscape and Planning” With Ar. Mahesh Paliwal from 8- 9 February, 2018 14-16 April, 2018



Case study done at Infosys SEZ

Deen Dayal Upadhyaya KAUSHAL Kendra

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

Director: Prof. Neeraj Gupta

In August 2015 the University also received approval to establish DDU KAUSHAL Kendra with a sanction of Rs. 3.7 crores. Presently the DDU-KK is functional under the School of Architecture of the University. Four batches of B.Voc. (Interior Design) program have completed their programme and are scheduled to receive the degree certificates of batch 2017 in the forthcoming convocation in November 2018.

Program(s) offered

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

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

Faculty

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

Academic Activities

1. Visiting Faculty/ Name	Resource Persons from Industry and Trade Event	Date
Mr. Lokesh Kaushik	Executive Engineer, CPWD <i>Sustainable Design Process</i>	20/8/2017
Ar. Rajeev Shringi	Professor, Department of Architecture, MNIT Jaipur <i>Sustainable Design Process</i>	24/4/2018
Mr. Kalpathy V Murali	Training Manager <i>Acoustics and False ceilings</i>	10/11/2017
Ar. PulkitRana	Practicing Architect <i>Materials in Interior Design</i>	17-18/4/2018
Ar. N. K. Khare	Chief Town Planner (Rtd.), Government of Rajasthan <i>Conservation of Built Heritage and Sustainable Planning</i>	19/3/2018

2. Awards

- Priya Raj student of B. Voc. Batch-2014 (July) received 'Armstrong Award for Excellence in Vocational Education' in Convocation 2017 of Central University of Rajasthan.
- Kirti Agarwal Student of B. Voc. Batch-2014 (July) received 'Armstrong Award for Excellence in Vocational Education' in Convocation 2017 of Central University of Rajasthan.
- Komal Rani Student of B. Voc. Batch-2014 (January) received 'Armstrong Award for Excellence in Vocational Education' in Convocation 2017 of Central University of Rajasthan.
- Sristi Gupta Student of B. Voc. Batch-2014 (January) received 'Armstrong Award for Excellence in Vocational Education' in Convocation 2017 of Central University of Rajasthan.



Student of B. Voc Batch-2014 (January) Receiving 'Armstrong Award for Excellence in Vocational Education' in Convocation'17 of Central University of Rajasthan

School of Chemical Sciences and Pharmacy

Dean: Prof. Vipin Kumar

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

Department

- Department of Chemistry
- Department of Pharmacy

Department of Chemistry

Head: Prof. R. T. Pardasani

The Department of Chemistry is committed to research and teaching since its inception in 2010. The department started master's in science (Chemistry) 2-year programme in 2010 and immersed with full time Ph. D. programme in 2012, Integrated M. Sc. (Chemistry) 5-year programme in 2013 and Integrated M. Sc. B. Ed. (Chemistry as Major) 3-year programme in 2015. The Ph.D. programme in Chemistry aims to train the students with basic and cutting-edge research. We have crossed traditional vertical boundaries of scientific disciplines in past 8 years of journey and emerged with drug designing, organometallic chemistry, bioorganic and bio-inorganic chemistry, materials chemistry, theoretical chemistry in line with gaining more strength towards asymmetric synthesis, heterocyclic/macrocyclic chemistry and organic spectroscopy. The department is funded by DST-FIST and faculty received research grants from various funding agencies such as CSIR, DST, UGC, etc.

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Prof. R. T. Pardasani	Professor	Organic, Heterocyclic and Computational Chemistry
Dr. Raghu Chitta	Assistant Professor	Organic and Inorganic Materials for Solar Energy Storage, Sensors
Dr. Easwar Srinivasan	Assistant Professor	Asymmetric Synthesis and Organocatalysis
Dr. M. Bhanuchandra	Assistant Professor	Transition -Metal Catalyzed Organic Transformations and Synthesis of Organic Materials

Dr. Anuj K. Sharma	Assistant Professor	Bio -inorganic Chemistry, Inorganic Medicine, Coordination Chemistry
Dr. Thirumoorthi R.	Assistant Professor	Main Group Chemistry, Organometallic Chemistry
Dr. Partha Roy	Assistant Professor	Nanotubes, nanowires, optoelectronic of the nanomaterials
Dr. Chandrakanta Dash	UGC FRP Assistant Professor	Metal Catalyzed Organic Transformations, Small Molecule Activation, Green Synthesis and Catalysis
Dr. Anurag Prakash Sunda	DST INSPIRE Faculty	Molecular Dynamics Simulations, Polymer Electrolytes, Ionic Liquids, and Interfaces
Dr. Ch. Gupta Chandaluri	DST INSPIRE Faculty	Functional molecular materials: fabrication, properties, and applications
Dr. Jony Saha	DST INSPIRE Faculty	Nanomaterials, mesoporous materials and catalyst applications

Academic Activities

1. Expert lecture/Seminar/Visit

Name	Event	Date
Prof. Ram Mohan	Better Living Through Green Chemistry <i>Illinois Wesleyan University, USA</i>	13/12/2017
Prof. Man Singh	Physicochemical Properties of Proteins -Lanthanide Nanoemulsion <i>School of Chemical Sciences, Central University of Gujarat, India</i>	19/02/2018
Prof. Akhila Kumar Sahoo	Lewis -Acid/ Metal Catalyzed Transformations: Synthesis of Nitrogen Rich Organic Molecules <i>School of Chemistry, University of Hyderabad, India</i>	19/02/2018
Prof. Kalidas Sen	Electronic Structure of Confined Atoms and Molecules <i>School of Chemistry, University of Hyderabad, India</i>	25/06/2018

2. Other Academic Activities

- Department has celebrated Science Day on 28th February, 2018.

3. Extramural funding received

- Department of Science and Technology, Government of India sanctioned Rs. 70.5 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016-2021).
- Department have various ongoing extramural funded projects of Rs. 5.07 Crores from different agencies of Government of India such as DST, CSIR, UGC etc.

4. Equipments procured/Facility Available

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

5. Awards/Achievements

- Dr. Easwar Srinivasan : Best Oral Presentation Award in International Conference on Advancing Green Chemistry: Building a Sustainable Tomorrow held on Oct. 3-4, 2017 at Delhi University
- Monika Sheoran (Research Scholar) : Selected in HPSC (2018) for Assistant Professor Job in Haryana
- Anupama Kiran : Assistant Professor at Regional Institute of Education (RIE), Bhubaneswar.
- Manoj Meghwal (M.Sc. 2013-15 Batch) : Chemist E1' post in ONGC on 21.08.2017 and presently posted in ONGC, Ahmedabad
- Manoj Meghwal (M.Sc. 2013-15 Batch) : Pursuing MS from Lyon University, France
- Ms. Gunjan Sharma (Int. MSc.) : Selected for Integrated PhD Programme at JNCASR Bangalore in July 2018 session
- Ms. Kamini Jahkhar (Int. M.Sc.) : Selected for M.Sc. Virology program at the National Institute of Virology (NIV), Pune.



Project Dissertation



Poster Presentations

Department of Pharmacy

Head: Prof. Vipin Kumar

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

Programs Offered

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

Faculty

Name	Designation	Area of Specialization
Dr Vipin Kumar	Associate Professor	Medicinal Chemistry
Dr Devesh M Sawant	Assistant Professor	Medicinal Chemistry
Dr Ruchi Malik	Assistant Professor	Medicinal Chemistry
Dr Umesh Gupta	Assistant Professor	Pharmaceutics
Dr KaiserRaza	Assistant Professor	Pharmaceutics

Academic Activities

1. Extramural funding received

Various extramural funded-projects of Rs. 294 lakhs are ongoing in the Department sanctioned by different agencies of Government of India like DST, DST-FIST, DST-Nanomission, CSIR, DBT, UGC and SERB.

2. Awards/Achievements

Dr. Ruchi Malik

Awarded with DST -DAAD grant for the research on "Design, synthesis and biological evaluation of GSK-3 inhibitors as cognition enhancers"

Dr. Umesh Gupta

Appointed as editorial board member of "Pharmaceutical Nanotechnology" a peer reviewed International Journal of Bentham Science Publications

Mr. Pramod Kumar (Research Scholar)

Ms. Nagarani Thotakura (Research Scholar)

Student Travel Award to attend 5th Nano Today Conference at Hawaii, USA

DST travel grant from DST -SERB to attend 5th Nano Today Conference held at Hawaii, USA from Dec . 6-10, 2017 for poster presentation on the topic "Aspartic Acid DervatizedHydroxylated Fullerenes as Drug Delivery Vehicles of Docetaxel: An Explorative Study"

Mr. Arshad Jamal, Mr. Iliyas Khan and Mr. ShubhamParashar (Research scholars)

Awarded Senior Research Fellowship (SRF) -2018, ICMR, New Delhi

Mr. IliyasKhan (Research scholar)

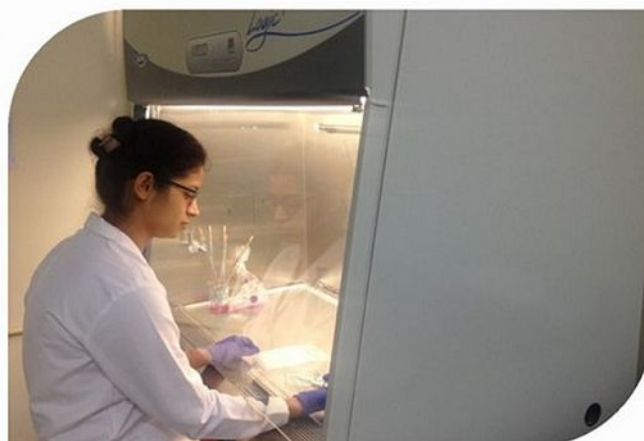
Prestigious Commonwealth Split site Fellowship Tenable at UK -2018

Mr. Shubham Srivastava (Research scholar)

Senior Research Fellowship (SRF) -2018, CSIR, New Delhi



Interaction with Eminent Pharmaceutical Scientist Prof. N. K. Jain



Student Performing Animal Cell Culture Experiment

School of Commerce and Management

Dean: Dr. Parveen Sahu

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

Department

- Department of Commerce
- Department of Management

Department of Commerce

Head: Dr. Praveen Sahu

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 the commerce faculty to further channelize and streamline their contribution. The Department of Commerce is committed to impart quality knowledge as per global standards.

Programs offered

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

Faculty

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

1. Awards/Achievements

The following students of the department have passed UGC-NET exam in the year 2017-2018:

Name of the Student	Batch	NET -JRF
Maya	2014 -16	NET
Namrata Sharma	2014 -16	NET -JRF
Narendra Kumar	2014 -16	NET
Neethu Mohan	2014 -16	NET -JRF
Neha Prakash	2014 -16	NET
Garima Khangarot	2015 -17	NET
Kamlesh Choudhary	2015 -17	NET
Monika Yadav	2015 -17	NET
Pooja Yadav	2015 -17	NET
Sunil Kumar Narolia	2015 -17	NET
Kiran Meena	2016 -18	NET
Komal Jangid	2016 -18	NET
Lata Paliwal	2016 -18	NET
Priyanka Kumari	2016 -18	NET
Preeti Kumari	2016 -18	NET

- Mantri Naresh, Komal Jangid and Lata Paliwal participated in west-zone Anveshan on Cloud
- Accounting and Mantri won first prize in Indo Cloud Accounting on National Science Day organised by Ganpat University, Mahesana, Gujarat.
- Hostel fest at CURaj was coordinated and conducted by Ms. Varsha Rustagi.
- Navneet Singh, Arjun Khateek and Mantri Naresh are working as Entrepreneur at B-fress organics Pvt. Ltd.
- Navneet Singh won first prize in Kisme Kitna Hai Dum organised by Economics department at CURaj.
- Vishal Kaushik coordinated football tournament conducted during 25-28 March, 2018 at CURaj.
- Vishal Kaushik won three gold medals in 100m, 200m and relay race each, 7-9 April, 2018 in intra department matches at CURaj.
- Preeti Kumari won one gold in badminton tournament and 1 silver medal in table tennis CURaj.
- Rekha won one silver medal in table tennis tournament.
- Vishal Kaushik received 1st position at National Championship National Games held at Guru Nanka Girls College, Muktsar Sahib, Punjab, 17-19 April, 2018.

2 Extra-curricular activities

- A trip to Jaisalmer by the students of commerce department.
- Participation in Economania and Treasure Hunt by the students of commerce department 26 March, 2017.
- Participation in CURAJ Cricket League by the students of commerce department 20 Aug to 30 Sep., 2017.
- MOCK Interview for capacity Building on 29-09-2017.
- Interactive session on "New Trends of Corporate Disclosure Practices in Leading Company" on 22/09/2017.



*Degree Distribution to Commerce Students
at 4th Convocation Ceremony held
on 13 Nov., 2017*



*Intra-Departmental Cricket tournament
organized by Commerce Department on
5 Sept., 2017*

Department of Management

Head: Dr. Maithili R. P. Singh

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

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Dr. Maithili R. P. Singh	Professor	Marketing
Dr. Sanjay Kumar	Assistant Professor	Finance
Dr. Avantika Singh	Assistant Professor	HRM
Dr. Tulsee Giri Goswami	Assistant Professor	HRM

Academic Activities

1. Conference/Workshop/Symposium organized

- Department has organized two days National Seminar in collaboration with National Commission for Women, New Delhi "National Seminar on Role of Women in Unpaid Care Work- Issues, Challenges and Strategies" on March 27th and 28th 2018.

2. Other Academic Activities

- Department has organized a visit to Barefoot College, Tilonia for MBA students.

3 Extramural funding received

- Department has an ongoing extramural funded-project of Rs. 10.73 Lakhs, sanctioned by UGC

4 Equipment procured/Facility

- Laptop and Printer



National Seminar on "Role of Women in Unpaid Care Work-Issues Challenges and Strategies", March 27-28, 2018

School of Earth Sciences

Dean: Dr. L. K. Sharma

The School of Earth Sciences is committed to provide interdisciplinary knowledge in the field of environmental sciences and atmospheric science and 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

Coordinator: Prof. Someshwar Das

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

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Prof. Someshwar Das	Professor	Atmo spheric Modelling; Cumulus Convection, Cloud Microphysics
Dr. Subrat Kumar Panda	Assistant Professor	Regional climate change modeling, Indian Monsoon Studies

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. P.V.S. Raju	Centre for Ocean -Atmospheric Science and Technology (COAST) Amity University Rajasthan	03/07/2017

Prof. Toru Terao	Faculty of Education, Kagawa University, Japan <i>Direct Validation of TRMM/PR near Surface Rain over the Northeastern Indian Subcontinent Using a Tipping Bucket Rain Gauge Network</i>	24-27/09/2017
Prof. AjitTyagi	Air Vice Marshal (Rtd) Director General of Meteorology (Rtd), IMD, Koteswaram Professor, Ministry of Earth Sciences, President, Indian Meteorological Society	18/12/2017
Prof. Sushil Kumar Dash	Emeritus Professor, Center for Atmospheric Sciences, Indian Institute of Technology Delhi	18/12/2017
Prof. U. C. Mohanty	Emeritus Professor, School of Earth, Ocean and Climate Sciences, Indian Institute of Technology, Bhubaneswar	17/02/2018
Dr. Suman Goyal	Scientist-F, India Meteorological Department, New Delhi <i>Satellite Meteorology: An Overview</i>	27-30/3/2018
Dr. L.S. Rathore	National Disaster Management Authority, New Delhi, Consultant, World Bank, DGM (Rtd), India Meteorological Department	01/05/2018

2. Conference/ Workshop/Symposium Organized

- One-Day Workshop on “Career and Opportunities in Atmospheric Science” was organized by Central University of Rajasthan, in collaboration with Indian Meteorological Society (IMS), Jaipur Chapter, Amity University, Jaipur and BIT, Mesra (Jaipur Campus) on 15 March, 2018.

3. Other Academic Activities

- Department organized an educational tour to visit India Meteorological Department, Meteorological Centre, Jaipur on 22 March, 2018.
- Celebrated World Meteorological Day with the theme “Weather-ready, Climate-Smart” on 23 March, 2018.

4. Extramural Funding Received

- Department have various ongoing extramural funded projects of Rs. 42.59 Lakhs from University Grant Commission UGC), Government of India and Disaster Prevention Research Institute, Kyoto University, Japan.

5. Equipments Procured/Facility

- High Performance Computing (HPC) System for Weather Analysis and Visualization Laboratory (Procurement is in progress).

- Meteorological observatory for real time weather observation (Procurement is in progress).

5. Awards/Achievements

- Prof. Someshwar Das was elected as the Chairman of the Indian Meteorological Society, Jaipur Chapter.
- Dr. Subrat Kumar Panda was elected as the Council Member of the Indian Meteorological Society, Jaipur Chapter
- Dr. Subrat Kumar Panda got the certificate of outstanding contribution in reviewing the International Journal titled "Global and Planetary Change" (IF=3.98), Elsevier Publication in recognition of the contributions made to the quality of the journal in the year 2017.



Visit of Prof. Toru Terao to the Department of Atmospheric Science from 24-27 September, 2017



Education tour to India Meteorological Center, Jaipur with the students of School of Earth Science 22 March, 2018

Department of Environmental Science

Head: Dr. Laxmi Kant Sharma

As an emerging economy, India is in its peak of infra structural development and needs environmental experts, trained personnel for monitoring of pollution and assessing the environmental impacts of developmental projects. Looking to the present scenario and futuristic needs, the department has established with the objectives:

- To impart knowledge of environmental problems of regional and global scale;
- To train the students for scientific analyses of environmental components for efficient environmental decision-making and management.

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Dr. Laxmi Kant Sharma	Associate Professor	Environmental Remote Sensing
Dr. Devesh Sharma	Assistant Professor	Water Resources Modelling and Management, Climate Change
Dr. Garima Kaushik	Assistant Professor	Bioremediation, Industrial waste water treatment, Biomedical waste management
Dr. Ritu Singh	Assistant Professor	Nanoparticle based Environmental Clean - up technologies
Dr. Alok Kumar	Assistant Professor	Biogeochemistry, Hydro - geochemistry.

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Kirit S Parikh	IRADe, New Delhi <i>"Awareness on Climate Change"</i>	23/09/2017
Prof. Toru Terao	Kagawa University, Japan <i>Visit</i>	25 - 27/09/2017
Dr. Sarnam Singh	Indian Institute of Remote Sensing, ISRO, Dehradun <i>"Environmental Protection and Natural Resources management: Role of Geospatial technologies"</i>	07/10/2017
Prof. M.N. V. Prasad	Former Dean and Professor, School of Life Sciences, University of Hyderabad <i>"Trace metals and their bioremediation"</i>	19 - 21/03/2018

2. Conference/Workshop/Symposium organized

- Department of Environmental Science in collaboration with Integrated Research and Action for Development (IRAD), New Delhi, organized 3 days (21-23 September, 2017) symposium to raise awareness on Climate Change among university students.

3. Other Academic Activities

- 29th IIRS Outreach Program on "Hyperspectral Remote Sensing and its Applications" was successfully conducted from 19 February to 13 March, 2018.
- Educational tour to India Meteorological Department, Jaipur.

4. Extramural Funding Received

- Total Rs.135.28 Lakhs received as extramural funding under following categories:
DST-FIST (Level 1- Category) (Budget: Rs 80 Lakhs)
- Project titled “Stratified Forest Biomass Modeling Using AVIRIS Next Generation (NG) Hyperspectral Data” as Project Investigator sanctioned by SAC (ISRO), Ahmedabad (Budget: Rs 19.40 Lakhs).
- Sanctioned APN funded international collaborative project to Dr. Devesh Sharma with IGES (Japan) entitled “Assessment of Climate-Induced Long-term Water Availability in the Ganga River Basin and Impacts on Energy Security in South Asia’ (Duration- 1 Year (2017-18), fund- USD 7290).
- Sanctioned project to Dr. Devesh Sharma entitled “Climate Change Impacts Studies for Rajasthan (Areas of Inland Drainage and Mahi Basin)” in collaboration with MNIT (Jaipur) and IIT (Delhi) and funded by Indian National Committee on Climate Change (INCCC), Ministry of Water Resources, Govt. of India (Duration: 3 yrs. (2018-2021, Fund: Rs 30.78 lakhs).

5. Equipment/ Software Procured/Facility

- ERDAS Imagine software (05 Licences)
- E-cognition software (05 Licences)

5. Awards/Achievements

Dr. Devesh Sharma attended “Workshop on developing an operational water security index and demonstrating its application in diverse regions of Asia”. Thuyloi University, Hanoi, Vietnam. (9-13 December 2017).

Ms. Kritika Sharma, UGC-NET 2017

Mr. Manish Kumar UGC-NET, 2017

Ms. Sonali Sharma, UGC-NET, 2017

Mr. Vipin Sharma, UGC-NET 2017

Mr. Siddhartha Sarkar, CSIR-JRF 2017 (AIR-93)

Mr. Siddhartha Sarkar, GATE 2017 (AIR-75)

Ms. Kanchan Lakra, UGC-NET 2017

Mr. Piyush Tripathi, GATE 2017 (AIR-88)

Mr. Deepak Kumar, GATE 2017 (AIR-472)

Mr. A. Krishnan, UGC-NET 2017.

- Mr. Siddhartha Sarkar selected for Ph. D. at IISER-Bhopal, IISER-Pune, IIT-Gandhinagar and Physical Research Laboratory, Ahmedabad.
- Ms. Kritika Sharma (Research scholar) visited Mexico under Indo-Mexico bilateral project (DST-CONACYT Project Number: INT/MexicoP-04/2016 under PI-Dr. Garima Kaushik) entitled “Design of a microbial process for the removal of organophosphorous pesticides in water supplies from rural and urban water bodies” from 14 January 2018 to 4 February, 2018.
- Mr. Mohd. Ashraf Dar awarded DST inspire fellowship for pursuing Ph. D.
- Mr. Piyush Tripathi received student project support grant from DST Rajasthan for M.Sc. Project on “Biodegradation of organophosphate by bacterial species”.

5. Extracurricular Activities

- Department of Environmental Science organized a wildlife awareness program- WILD ARK 2k17 on the occasion of wildlife week from 06-07 October, 2017.
- Department of Environmental Science celebrated "World Ozone Day - Caring for all life under the Sun" on 16- 17 September, 2017



Students on bird watching trail during Wild Ark-2017



Visit of Ph. D. scholar Kritika Sharma to UANL Mexico under Indo-Mexico bilateral project during 15 Jan.,-04 Feb., 2018

School of Education

Dean: Prof. D. C. Sharma

The School of Education, Central University of Rajasthan was established in the 2014. The School of Education is running an Innovative Education Program, integrated three years M. Sc. B. Ed. Program in collaboration with School of Mathematics, Chemical

Sciences and Physical Sciences and Department of Economics which aims at producing prospective teachers with the sound knowledge of content and pedagogy. The vision of the School of Education is to develop professionally equipped and human teachers along with the establishing Center of excellence in Pedagogy, Curriculum and Research. The foot step; University has taken towards seeking quality education by inculcating professional value and ethics blended with the realistic field experiences among the pre-service teachers.

Department

- Department of Education
- Department of Yoga

Department of Education

Head: Dr. Anjali Sharma

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

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Dr. Anjali Sharma	Associate Professor	Educational Administration, Planning and Finance, Curriculum Development
Dr. Narendra Kumar	Assistant Professor	Research Methodology, Educational Planning and Policies, Educational Psychology
Dr. Gobind Singh	Assistant Professor	Foundations of Education, Guidance and Counselling and Pedagogy of Mathematics

Academic Activities

1. Other academic activities (Educational Tour, Academic Celebration Such as Science Day)

Theme/Event Name	Organizer/Coordinator if any	Date
<i>Interactive Session</i>	Coordinated and organized by Dr. Gobind Singh and Dr. Narendra Kumar	17/08/2017

Teachers Day Celebration	Coordinated and organized by Dr. Narendra Kumar and Dr. Gobind Singh	05/09/2017
International Women Day	Coordinated and organized by Dr. Gobind Singh	08/03/2018

2. Placements/Internship

Successfully Completed School Internship of 20 weeks

Name of the student

All students of Integrated M. Sc. B. Ed. (V Semester) of the session 2015-18

Organization/Company name

In Various Kendriya Vidhyalayas during July -Dec 2017 for 20 weeks

3. Extracurricular activities

Sports: Students of the Department participated in various Sports in University.

Cultural Event(s): Students of the Department participated in various cultural activities in the University



First Interactive Session Teachers Day



Celebration of International Women Day

Department of Yoga

Coordinator: Prof. M. Krishnan

Co-coordinator: Dr. Neeraj Panwar

At present, the Department of Yoga offers Masters in Yoga Therapy with the focus on imparting knowledge for the treatment of existing mental and physical health issues. Yoga therapy is a growing field and scientific evidences have begun to emphasize its efficacy in the prevention of illnesses and promotion of health along with treating non-communicable diseases. This program provides comprehensive knowledge of Yoga therapeutic techniques applicable for various ailments. It also provides exposure to various fundamentals, types and aspects of Yoga practices and philosophies.

Program Offered

- M. Sc. Yoga Therapy

Faculty

Name	Designation	Area of Specialization
Dr. Chobe Shivaji Vilas	Assistant Professor (since 18/5/2018)	Yoga Therapy, Integrative Medicine, Ayurveda, Counseling and Psychotherapy.
Dr. Meenakshi	Assistant Professor (since 18/5/2018)	Yoga Therapy, Integrative Medicine, Naturopathy, Ayurveda, Counseling and Psychotherapy.

Academic Activities

1. Expert lecture/Seminar/Visit

Name	Event	Date
Prof. K. Subramanyam	Eminent Professor, Swami Vivekananda Yoga AnusandhanaSamsthana - SVYASA Bangalore <i>Yoga for prevention of diseases, promotion of health and peace</i>	14/05/2018
Dr. Guru Deo	Assistant Professor, Morarji Desai National Institute of Yoga, New Delhi <i>Special Yoga Practical session</i>	14/05/2018
Dr. Ramakant Mishra	Assistant Professor, Department of Yoga, University of Rajasthan, Jaipur <i>Pranayama and Meditation Techniques</i>	14/05/2018
Dr. AsemJayanti Devi	Assistant Professor, Department of Yoga, MDS University Ajmer <i>Expert, conducting Yoga Practice session</i>	14/05/2018

2. Conference/Workshop/Symposium organized

- Department of Yoga, Central University of Rajasthan (CURAJ) organized one-day National workshop on Yoga entitled "Healthy Lifestyle Through Yoga Awareness" on 14 May, 2018. (As per requested by MHRD to disseminate and give wide publicity for Celebrations of International Day of Yoga (IDY) 2018)

3. Other Academic Activities

- "4th International Day of Yoga" was organized by Department of Yoga, Central University of Rajasthan, Bandarsindri, Ajmer (CURAJ) on June 21, 2018.

Department of Yoga conducts daily Morning Yoga practice (6:30 to 7:30 AM) for all university students and staff members.



National workshop on Yoga entitled "Healthy Lifestyle through Yoga Awareness" on 14 May. 2018

School of Engineering and Technology

Dean: Prof. Manish Dev Shrimali

School of Engineering and Technology was established in the University in the year 2010 to impart quality technical education for sustainable development. The school offers post-graduate and research programs in Engineering and Technology. The objective of the

School is to play a prodigious role in achieving the vision of the University i.e., education for sustainable development. The school aims at providing excellent training to students/scholars in advanced technologies, 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 one department i.e. Computer Science and Engineering (CSE) and is expected to expand very soon to achieve its goal.

Department

- Department of Computer Science & Engineering

Department of Computer Science & Engineering

Head: Prof Manish Dev Shrimali

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

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Gaurav Somani	Assistant Professor	Distributed Systems, Computer Networks, Ad hoc networks, Cloud computing.
Ravi Saharan	Assistant Professor	Algorithms, Computer Graphics, Image processing, Theoretical computer science.
Dr. Muzzammil Hussain	Assistant Professor	Network Security, Wireless Sensor Networks, Computer Networks.
Dr. Karan Verma	Assistant Professor	Security, Information Security, VANET, MANET, Wireless Ad hoc Networks.

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Suneeta Aggrwal	MNNIT Allhabad, Uttar Pradesh <i>Recent trends in Computer Science</i>	21/12/2017
Prof. Suneeta Aggrwal	MNNIT Allhabad, Uttar Pradesh <i>New era of Research in Computer Science</i>	12/05/2018

2. Extramural Funding Received

- Dr. Karan Verma received INDIAN-Brazil Joint Research Cooperation project of Rs. 50 Lakhs.

3. Equipments procured/Facility

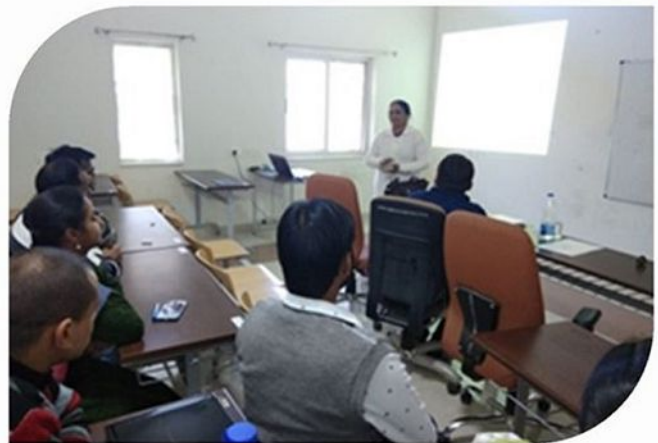
- IEEE Online
- ACM Digital Libraries

4. Awards/Achievements

- Usha Jain (Research Scholar)
- Ashish Kumar
- Lalit Kumar Chanchlani
- Maulana Azad Minority Scholarship
- NET November, 2017
- NET November, 2017



M. Tech. Research Laboratory



Expert Lecture in Dept. of CSE

School of Humanities and Languages

Dean: Dr. N. Lakshmi Aiyar

The School is composed of dedicated and talented faculty whose mission is to cultivate awareness of Interdisciplinary understanding and sensitivity to the ideas and human values characterizing human discourse, thought, experience and achievement.

Literature, Languages and philosophy turn the students into analytically sound, critical, discerning thinkers, who are aware of the cultural, political, and economic issues shaping our world. The School offers a technology-enhanced curriculum that encourages open-mindedness and an informed consideration of the human tradition. The many beliefs, histories, and words of our collective cultural heritage strengthen the literature studies imparted for the transmission of knowledge.

Department

- Department of English
- Department of Hindi

Department of English

Head: Prof. Supriya Agarwal

Department of English was established in the academic session 2010-11. It offers degrees at M.A. and Ph. D. level. Established with an aim to mentor its students both in and beyond the class rooms, it provides intensive training through pedagogical lectures, film screening, symposia, national and international workshops and conferences. The syllabus of the subject explores the connection between language, literature, culture, visual representation and multi-disciplinarily. The program not only imparts essential knowledge but equips and trains the students for careers in varied avenues.

Programs Offered

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

Faculty

Name	Designation	Area of Specialization
Prof. Supriya Agarwal	Professor	Gender and Cultural Studies, World Literature
Dr. Sanjay Arora	Associate Professor	English Language Teaching, Applied Linguistics, CLT
Dr. Bhumika Sharma	Assistant Professor	Postcolonial Studies, African American Writing
Dr. Neha Arora	Assistant Professor	Dalit Literature, Comparative Literature
Dr. Devendra Rankawat	Assistant Professor	Postcolonial Studies, Creative Writing
Dr. Ved Prakash	Assistant Professor	Popular Culture, African -American Literature and Film Studies

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Pragati Jain	Central University of Rajasthan <i>"How to Write a Research Proposal"</i>	10/12/2017
Prof. Somdatta Mandal	Vishwa Bharati University, West Bengal <i>"Research Methodology"</i> <i>"Background to American Literature"</i>	20/02/2018
Prof. Sharan kumar Limbale	Y.C.M.U, Nasik, Maharashtra <i>"Poetics of Resistance"</i>	23/03/2018

2. Conference/Workshop/Symposium Organized

- A symposium on "Digital Humanities" was organized on 9 March, 2018. Dr. William Henry Spates, Dr. Sonali Dutta Roy, Mr. Sumit Dey were the Key Speakers.

3. Equipment Procured/Facility

- Pearson Test of Proficiency software which enhances language learning was bought for 25 users

4. Awards/Achievements of Students

- Harish Sen (MAEN 2013-15) selected as Senior Teacher, Rajasthan Government.
- Amiya Ghosh (2012-14) and Vivek (2015-17) qualified UGC-NET.

5. Extracurricular Activities

- Under the aegis of Drama Club, a play "Rakt Beej" by the Tamhankar Theatre Group, Jaipur, in collaboration with Airport Authority of India, Kishangarh was staged on 26 July, 2017.
- The Literary Club organized "Mulaqat-e-Faiz", a literary presentation by the students of the department on Faiz's life on 26 March, 2018.



The team of students of "Mulaqat-e-Faiz", with Hon'ble VC and Faculty Members



The Speakers of "Digital Humanities" with the students and faculty members

Department of Hindi

Head: Prof. N. Lakshmi Aiyar

The department is working energetically with an intention to meet the research challenges of the society in various fields like media studies, women studies, folk literature, functional Hindi and its styles fulfilling the needs of the present trend. It is enriched with 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 Center 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	Associate professor	Comparative literature
Dr. Jitendra Kumar Singh	Assistant Professor	Hindi Criticism, Linguistics, Language Technology and NLP
Dr. Mamata Khandal	Assistant Professor	Comparative Studies, Linguistics
Dr. Suresh Singh Rathore	Assistant Professor	Katha Sahitya, Lok Sahitya, Modern poetry
Dr. Sandeep Vishwanathrao Ranbhirker	Assistant Professor	Bhakti Literature, Hindi Poetry, Fiction, Women's writing

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Shri Brijesh Singh	Bilaspur, Chhattisgarh “कविता में छंद की महंता एवं अनुप्रयोग”	22/03/2018
Prof. Chaman Lal Raina	Florida International University (U.S.A.) “कश्मीरी शैव दर्शन”	05/04/2018
Prof. Indranath Choudhury	Retd. Professor, University of Delhi. “Comparative Indian Literature: Importance and Recent Trends” “Literature and other Arts (Disciplines): Comparative Study of Resistance”	05/04/2018 06/04/2018
Prof. Chandra Mohan	General Secretary, Comparative literature Association of India. “1 Cultures of the Margin in Multilingual Societies: Comparative Study” “Comparative Literature and Translation: Its Significance in the Modern Context.”	05/04/2018 06/04/2018

2. Extracurricular Activities

Celebrated Premch and Birth Anniversary on 31 July, 2017.

Celebrated Nirala Birth Anniversary on 21 February, 2018.

3. Awards/Achievements of Students

JRF to SRF: Dugamber Sainath Gangadhar

The following students have qualified UGC NET/JRF

- | | | | |
|---------------------|-----|-----------------------|-----|
| • Rajkumar | JRF | • Balveer | JRF |
| • Seema Meena | JRF | • Jivan Ram | NET |
| • Bhagwati | NET | • Prakash Chand Verma | NET |
| • Suraj Mal Kumahar | NET | • Suman Dhudhwal | NET |
| • Manohar Kanwar | NET | • Subhangi | NET |
| • Nemichand Kumawat | NET | • Rahul Saini | NET |
| • Geeta | NET | • Amar Singh | NET |
| • Bhanwar Lal | NET | | |

School of Life Sciences

Dean: Prof. Pradeep Verma

The School of Life Sciences has been established in 2012 with an emphasis on interdisciplinary teaching and research in modern biology. 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 have modern seminar halls, auditorium and smart classes.

Department

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

Department Biochemistry

Head: Dr. Chandi C. Mandal

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

Programs Offered

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

Faculty

Name	Designation	Area of Specialization
Prof. M. K. Krishnan	Professor	Silkworm Biotechnology, Genomics and Proteomics
Dr. Chandi C. Mandal	Associate Professor	Cellular Signalling associated with Cancer and Bone Biology
Dr. Vishvanath Tiwari	Assistant Professor	Bacterial resistance, Host - pathogen Interaction, Drug Discovery and Vaccine Design, Nanomedicine
Dr. Vijay K. Prajapati	Assistant Professor	Infectious Biology and Drug Discovery
Dr. Kiran K. Tejavath	Assistant Professor	Glycobiology and Protein Biochemistry, Glyconanotechnology
Dr. Shiv Swaroop	Assistant Professor	Protein Engineering and stability, Vaccine design, Biophysics, Synthetic biology
Dr. Dhaneswar Prusty	UGC FRP Assistant Professor	Molecular parasitology and Drug discovery

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Ram Gopal Nitharwal	Department of Biochemistry and Biophysics, Stockholm University, Sweden <i>"Biochemical characterization of Cry-EM structure of a respiratory super-complex from Mycobacteria"</i>	03/04/2018
Suresh Kumar	Examiner of Patent and design, Kolkata, India <i>"Intellectual Property Rights"</i>	24/01/2018

2. Other academic activities (Educational Tour, Academic celebrations)

Theme/event name	Organizer/coordinator if any	Date
Departmental Research Activity-2018	Department of Biochemistry	06/04/2018
Science Exhibition-2017 (Problem with Public Health and Agriculture in Rajasthan)	Department of Biochemistry	22/09/2017

3. Extramural Funding Received

In the current year (2017-18), Dr. Chandni C. Mandal received extramural grant of Rs. 16.45 Lakhs from DST (DST-RFBR, Indo-Russia) and Dr. Vishvanath Tiwari received grant of Rs. 35.00 Lakhs from SERB-DST

4. Equipments Procured/Facility

- Nano-spectrometer
- Incubator Shaker
- Autoclave
- Spectrophotometer
- Centrifuge

5. Awards/Achievements

Faculty

Name of Faculty	Name of Award	Year	Agency/Institution Society
Dr. Vishvanath Tiwari	Shakuntala Amir Chand Prize	October, 2017	Indian Council of Medical Research
Dr. Vishvanath Tiwari	INSA Medal for Young Scientists -2018	April, 2018	Indian National Academy of Sciences
Dr. Vijay Kumar Prajapati	ISCB Young Scientist Award	January, 2018	Indian Society of Chemists and Biologists

Research Scholar

Name of Scholars	Name of Award	Year	Agency/Institution Society
Ankit Sharma	Best oral presentation award	December, 2017	University of Rajasthan, Jaipur, Rajasthan

Students

Name of Students	Course	Batch	Exam qualified	Year
Rahul Shobhawat	Int. M.Sc.	2013 -2018	NET -JRF, GATE	2018
Vikramaditya Singh	Int. M.Sc.	2013 -2018	NET -JRF, GATE	2018
Neha Mishra	M. Sc.	2015 -2017	NET -JRF	2017
Manoj Khokhar	M. Sc.	2012 -2014	NET -JRF	2018
Hitaishi Sihag	M. Sc.	2016 -2018	NET, GATE	2017
Surbhi Dahiya	M. Sc.	2016 -2018	NET, GATE	2018
Mukut Pratap	Int. M. Sc.	2013 -2018	NET	2018
Manisha Nasker	M. Sc.	2015 -2017	GATE	2017
Shruti Gupta	M. Sc.	2016 -2018	GATE	2018
Diwakar Sharma	M. Sc.	2016 -2018	GATE	2018
Shruti Panwar	M. Sc.	2016-2018	GATE	2018



Science exhibition organized by Department of Biochemistry, 2017



Departmental research activity-2018 organized by Department of Biochemistry

Department of Biotechnology

Head: Dr. Pankaj Goyal

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

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Prof. A. K. Gupta	Professor	Plant Molecular Biology and functional Genomics
Dr. Pankaj Goyal	Associate Professor	Molecular Medicine and Pregnancy disorders
Dr. Jogeswar Panigrahi	Associate Professor	Molecular Plant Breeding
Dr. Janmejy Pandey	Assistant Professor	Microbial Genomics and Metagenomics
Dr. Tarun K. Bhatt	Assistant Professor	Molecular Parasitology
Dr. Suman Tapryal	Assistant Professor	Antibody Engineering and Vaccine Development
Dr. Jay Kant Yadav	Assistant Professor	Protein Aggregation and Folding
Dr. S. T. Vaiphei	Assistant Professor	Biomarker discovery
Dr. Jayendra Nath Shukla	Assistant Professor	Insect Genetics and Molecular Biology
Dr. Surendra Nimesh	UGC FRP Assistant Professor	Nanotechnology

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Arun Yadav	Scientist, Australian National University, Canberra, Australia	09/02/18

Dr. Pankaj Yadav	Scientist, German Cancer Research Centre, Heidelberg, Germany <i>Improved case - only approach to study genome-wide gene-environment interaction</i>	04/05/18
Dr. Daniella Brunnet	Scientist, Comprehensive Cancer Centre, Mainfranken, University, Hospital of würzburg, Germany	05/03/18

2. Extramural Funding Received

Various extramural funded-projects of Rs. 279.86 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB etc. In the current year (2017-18), Department has received extramural grants of Rs. 185.65 Lakhs.

3. Equipments Procured/Facility Available

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Stereozoomic Microscope • PCR • Refrigerated Centrifuge • Shaking Waterbath • Electrophoresis System • Incubator Shaker • Sonicator • Autoclave • Flow Cytometer • Analytical Balance • Cooling Incubator • Deep Freezer • Cold Cabinet • Laminar Air Flow | <ul style="list-style-type: none"> • Liquid N2 storage container, Nitrogen gas cylinder, • UV-Vis Spectrophotometer • Green House • Rota Evaporator • Fluorescent Microscope • Multigas Incubator • Biosafety Cabinet • Centrifuges • Lyophilizer • Computer Workstations • Trans Blot • Thermo Shaker • Nanodrop |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

4. Awards/Achievements

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • R. Mankamna Kumari • Nikita Sharma • Nidhi Verma • Simangla Borsaikia (M. Sc. student) | <ul style="list-style-type: none"> • ICMR-SRF • UGC-SRF • UGC-SRF and DBT Travel Award • CSIR-UGC-JRF NET. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|



Animal Cell Culture Facility



Research lab

Department of Microbiology

Head: Prof. Pradeep Verma

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

Programs Offered

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

Faculty

Name	Designation	Area of Specialization
Prof. Pradeep Verma	Professor	Fermentation and Bioprocess Technology, Biofuels
Dr. Pawan Kumar Dadheech	Associate Professor	Microbial diversity and phylogenetics, Metagenomics, Cyanobacterial bioprospecting, Cyanotoxins
Dr. Nidhi Pareek	Assistant Professor	Microbial proteomics, Marine bioprospecting, Bioprocess development
Dr. Akhil Agrawal	Assistant Professor	Petroleum microbiology, Metagenomics, Cyanobacterial biotechnology
Dr. Arvind Pratap Singh	Assistant Professor	Functional genomics, host - pathogen interactions
Dr. Chandra Sekhar Gahan	Assistant Professor	Bioprocess Engineering and Bio-Hydrometallurgical Engineering
Dr. Deeksha Tripathi	Assistant Professor	Molecular biology of infectious diseases, Host - pathogen interactions,
Dr. Vijay Kumar Verma	Assistant Professor	Molecular cell biology and biochemistry of Infectious diseases

Academic Activities

1. Extramural Funding Received

Department of Science and Technology, Government of India sanctioned INR. 45 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016- 2021).

Various extramural funded-projects of INR 178.9lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB.

In the current year (2017-178), Department has received extramural grants of INR 104.7 Lakhs.

2. Equipments Procured/Facility

Central Instrumentation Facility

Ultra Centrifuge (Beckman Coulter)

Fast Protein Liquid Chromatography (FPLC) System (GE Healthcare)

Photoautotrophic Culture Laboratory

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

Gel Doc TM XR System (Bio-Rad)

Thermo cycler PCR C1000 (Bio-Rad)

Distillation Unit (Merck)

UV-Visible Spectrophotometer (Shimadzu)

High Speed Centrifuge (Beckman Coulter)

Incubator shaker (Lab Tech)

Bioinformatics Laboratory

3. Awards/Achievements

Dr. Nidhi Pareek received “Young Scientist Award (Industrial Microbiology)” from Association of Microbiologists of India, 58th Annual Conference of Association of Microbiologists of India and International Symposium on Microbes for Sustainable Development: Scope and Applications (MSDSA-2017). Babasaheb Bhimrao Ambedkar University, Lucknow. (16-19 November, 2017).

Dr. Akhil Agrawal and Mr. R. Sandeep won 2nd runner up prize in Business Plan Competition, 5th Rajasthan Science Congress-2017, Amity University Rajasthan (13-15 October, 2017).

Akhil Agrawal attended Workshop on System biology and molecular economy of microbial communities”. ICGEB-ICTP-APCTP Trieste, Italy. (3-7 July, 2017) and “International Conference on Environmental Microbiology and Soil Microbiology”. Ontario, Canada. (18-20 September, 2018).

Dr. Pawan K. Dadheech visited as “Guest Scientist” at Leibniz-Institute of Freshwater Ecology and Inland Fisheries, Stechlin, Germany (21 May-5 July, 2018).

Ms. Neha Nagar qualified Graduate Aptitude Test in Engineering (GATE) in Life sciences, , 2017 GATE

2017 with Score-404, 89 percentiles.

Ms. Neha Nagar qualified JOINT CSIR-UGC NET 2017 Examination in Life Sciences with AIR-39 (UGC-JRF).

Mr. Ganshyam Prajapat selected for Senior Research Fellowship funded by CSIR for the period of three years.

Ms. Komal Agrawal received First Prize in Oral presentation at Biospectrum 2017, International Conference on Biotechnology and Biological Sciences, University of Engineering and Management, Kolkata. (25-26 August, 2017).

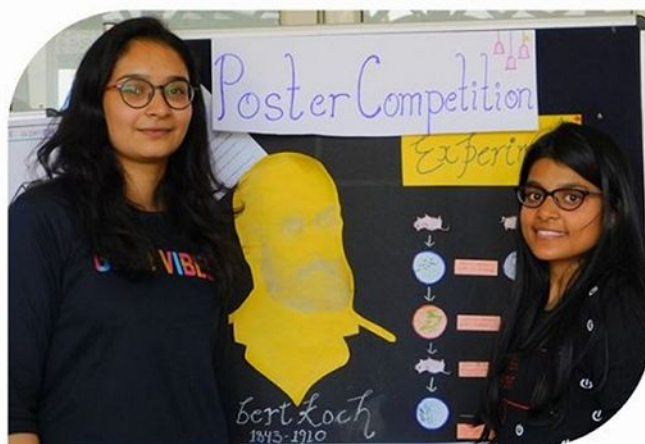
Ms. Himanshi received Second Prize in Oral Presentation at Waste to Wealth in Mineral and Metallurgical Industries (WMMI-2018), IIM Bhubaneswar Chapter and CSIR-IMMT Bhubaneswar, Odisha. (9-10 March, 2018).

Ms. Himanshi received Third prize in Group Seminar at "Board of Research in Nuclear Sciences (BRNS) and Association of Environmental Analytical Chemistry of India (AEACI) Thirteenth School on Analytical Chemistry", CSIR-IMMT Bhubaneswar, Odisha. (23-30 April, 2018).

Ms. Neha Nagar received First Prize in Group Seminar at "Board of Research in Nuclear Sciences (BRNS) and Association of Environmental Analytical Chemistry of India (AEACI) Thirteenth School on Analytical Chemistry", CSIR-IMMT Bhubaneswar, Odisha. (23-30 April, 2018).



Dr. Nidhi Pareek receiving Young Scientist Award during 58th Annual Conference of Association of Microbiologists of India and International Symposium on Microbes for Sustainable Development: Scope and Applications, Babasaheb Bhimrao Ambedkar University, Lucknow, Nov 16-19, 2017



Poster competition at Department Fest- Escheria-2018, Feb 20-22, 2018

School of Mathematics, Statistics and Computational Sciences

Dean: Dr. D. C. Sharma

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

Department

- Department of Computer Science
- Department of Mathematics
- Department of Statistics

Department of Computer Science

Coordinator: Dr. A. Naga Raju

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

Programs offered

- Ph. D. in Computer Science
- M. Sc. Computer Science, II Years.
- Integrated M.Sc. Computer Science, V Years
- M. Sc. (CS). Big Data Analytics, II Years
- M. Tech. (CS) Cyber Physical System, II Years

Faculty

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

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. Atal Chaudhuri	Professor, Department of Computer Science and Engineering, Jadavapur University. <i>Seminar for M. Sc., M.Tech. Students and Faculty of CS and CSE</i>	18/09/2017 and 19/09/2017

2 Other Academic Activities

Department organized 2nd International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2017).

3 Extracurricular Activities

GIAN Workshop on Machine Learning from- 30 Oct., 2017 to 11 Nov., 2017. Visited Foreign Dignitaries: Prof. Rao Vemuri, University of California UC, Davis.

GIAN Workshop on Big Data Analysis and Mining in Deep Web Repositories. 8-12 January, 2018. Visited Foreign Dignitaries: Prof. Gautam Das, University of Texas



GIAN Workshop on Machine Learning
from 30 Oct., 2017 to 11 Nov., 2017



GIAN Workshop on Big Data Analysis and Mining
in Deep Web Repositories. From 8-12 January, 2018

Department of Mathematics

Head: Prof. Jugal K. Prajapat

In the very first year of the establishment of the University i.e. in 2009, department started M. Sc. Tech. Mathematics three years (Six Semester) post graduate program, during the last academic year (2017-18), M. Sc. Mathematics two-year (Four Semester) post graduate program has been started by the department instead of earlier program M. Sc. Tech. Mathematics. The department aims to prepare higher mathematics teachers and researchers for pure and applied mathematics and to prepare trained manpower needed for Research and Development related to industries and research organizations.

Programs Offered

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

Faculty

Name	Designation	Area of Specialization
Prof. D. C. Sharma	Professor	Operations Research, Mathematical Programming and Machining System
Prof. Jugal K. Prajapat	Professor	Complex Analysis, Geometric Function Theory, Planar Harmonic Mappings, Fractional Calculus
Dr. Anand Kumar	Assistant Professor	Fluid Dynamics, Magnetohydrodynamics, Boundary Layer Theory
Dr. Amit Chakraborty	Assistant Professor	Bio-Mathematics, Dynamical systems, environmental modeling and simulations
Dr. Vidyottama Jain	Assistant Professor	Fuzzy Optimization and Decision Making Financial Mathematics.
Dr. Ram Kishor	Assistant Professor	Celestial Mechanics, Dynamical systems, and Chaos, Mission Design
Dr. J. P. Tripathi	Assistant Professor	Mathematical Ecology and Epidemiology: Dynamical Systems
Dr. Vijay Kumar Yadav	Assistant Professor	Fuzzy Set Theory, Fuzzy Topology, Fuzzy Automata Theory, Category Theory
Dr. Vipul Kakkar	Assistant Professor	Algebra: Group Theory
Prof. A. P. Singh	Retd. Professor	Complex Dynamics

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Department organized a Workshop	<i>Planar Harmonic Mappings and Quasi-Conformal Mappings</i>	March 19-23, 2018
Prof. S. Ponnusamy	Head, ISI (Chennai Centre) on <i>Invited lectures on "Complex Analysis"</i>	November 7 -8, 2017

2. Extramural Funding Received

- Various extramural funded-projects of Rs. 85.17 lakhs have sanctioned by different agencies of Government of India e.g. UGC, DST-SERB, IUCAA.

3. Awards/Achievements

- Prof. A. P. Singh, nominated as Member/Editorial Board of Academy of Mathematics, Indore for three years (2018-2020).
- Prof. A. P. Singh, successfully conducted the Annual Conference of Ramanujan Mathematical Society, as Academic Secretary of RMS at University of Delhi (June 1-3, 2018).
- Dr. Ram Kishor, Best Poster Award of worth Rs. 5000/- Cash and Citation in 105th ISCA 2018 at Manipur University, Imphal, Manipur, during 16-20 March, 2018.
- Dr. Ram Kishor, elected as Sectional Committee Member for the section: Mathematical Sciences (including Statistics), ISCA, Kolkata, 2018.

Department of Statistics

Head: Dr. Jitendra Kumar

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

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Prof. M. I. Beg	Scholar in Residence	Generalized Order Statistics
Dr. Jitendra Kumar	Associate Professor	Time Series, Policy Process Reengineering and Big Data
Dr. Deepesh Bhati	Assistant Professor	Extreme Value Theory, Distribution Theory, Actuarial Statistics
Dr. Sanjay Kumar	Assistant Professor	Sampling Theory
Dr. Mahendra Saha	Assistant Professor	Industrial Statistics and Actuarial Statistics
Dr. Arvind Pandey	Assistant Professor	Survival Analysis, Frailty model, Bayesian Analysis
Dr. Abhimanyu Singh Yadav	Assistant Professor	Distribution Theory, Statistical Inference, Bayesian Computation

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Prof. R.B. Bapat	ISI, Delhi <i>Linear Models and its applications</i>	24/08/2017
Prof. Arvind Srivastava	Assistant Director, RBI, Mumbai <i>1. Opportunities and Career with Endeavour Scholarships and Fellowships Scheme</i> <i>2. Bankruptcy Predictions, Education and Training, Government of Australia</i>	25/08/2017
Prof. M. I. Beg	School of Mathematics and Statistics, University of Hyderabad <i>Recent Development in Generalized Order Statistics</i>	03/11/2017
Prof. R. N. Rattihalli	SDM College, Ujjre Karnataka <i>Maximum Likelihood Principal and application for Non regular families</i>	08/02/2018
Dr. Raghunath M.	SDM College, Ujjre Karnataka <i>A Class of epsilon-skew-symmetric distributions: Tests for symmetry</i>	09/02/2018

2. Extracurricular Activities

National Statistics Day: The department celebrated National Statistics day held on 29 June, 2018 on the birth anniversary of Prof. P.C. Mahalanobis. This year, the theme of celebration is "Quality Assurance in Official Statistics".

Dr. Jitendra Kumar, Dr. Mahendra Saha and Dr. Abhimanyu Singh Yadav delivered invited talks in the celebration program by Directorate of Economics and Statistics, Ajmer to the occasion of National Statistics Day, 2018.

3. Awards/Achievements of Students

15-Integrated M.Sc. Statistics (II Semester) successfully completed NPTEL online course on "Introduction to R". Out of which, one student secures mark in top 1% throughout India and 4 students secure marks in top 5% throughout India.



Faculty of department of statistics invited to deliver talk on the occasion of National Statistics Day, 29 June, 2018



Department of Statistics Celebrate National Statistics Day on 29 June, 2018 in the department.

School of Physical Sciences

Dean: Prof. Manish Dev Shrimali

Department of Physics

Head: Prof. Manish Dev Shrimali

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

Department

- Department of Physics

Programs offered

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

Faculty

Name	Designation	Area of Specialization
Prof. Manish Dev Shrimali	Professor	Nonlinear Dynamics and Chaos
Dr. Ajit Kumar Patra	Associate Professor	Magnetism and spin dependent transport in nanoscale structures
Dr. Neeraj Panwar	Assistant Professor	Multiferroics and Lead free Piezoelectrics, Exchange-Bias, Magnetization reversal
Dr. R.K. Verma	Assistant Professor	Surface Plasmon Resonance Photonics
Dr. Sukhmander Singh	Assistant Professor	Plasma waves, instabilities and electric pulsions
Dr. Girish Chandra Tewari	Assistant Professor	Low temperature electronic transport and superconductivity
Dr. Rakesh Kumar	Assistant Professor	Correlated quantum many -body systems, Topological phases
Dr. Brijesh Kumar Singh	Assistant Professor	Optical phase singularity, laser beam shaping
Dr. Sandeep Kumar	UGC FRP Assistant Professor	Experimental condensed matter physics
Dr. Divya Srivastava	DST Inspire Faculty	Graphene, Carbon nanotube and density functional theory
Dr. Pradeep Kumar	DST Inspire Faculty	2D Nano materials, Graphene, EMI shielding, Thermal Management, Energy Storage Applicaton

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Name	Event	Date
Dr. Sarveshwar Sharma	Centre of Plasma Physics, Gandhi Nagar (Gujrat) <i>Plasma Physics</i>	12/12/2017
Dr. Manas Patra	University of New South Wales, Sydeny Australia <i>Entanglement information and Computation</i>	12/01/2018
Dr. Kuldeep Malik	ITS, Engineering College Gr. Noida, UP <i>Yoga Awarness Program</i>	21/02/2018

2. Extramural funding received

- Various extramural funded-projects of Rs. 73.14 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST-RFBR, DST-SERB, IUAC and UGC etc.
- Dr. Neeraj Panwar received new SERB DST, IUAC, UGC-DAE sponsored project amounting of Rs. 70.85 Lakhs in the current year.
- Prof. Manish Dev Shrimali received a new SERB DST sponsored project of Rs. 25.00 Lakhs in the current year.
- Dr. Girish Chnadra Tewari received new SERB DST and UGC sponsored project of Rs. 60.00 Lakhs in the current year.
- Dr. Brijesh Kumar Singh received a new UGC sponsored project of Rs. 10.00 Lakhs in the current year.

3. Equipments procured/Facility

- DPSSLASER

4. Awards/Achievements

- Four students qualified JRF: Tulchhi Ram (2016-19), Surendra Kumar (2015-18), Vijaya Choudhary (2014-16), Bijendra (2014-16).
- Three students qualified NET: Pramod (2016-19), Ganna K Nair (2014-16), Sauvik Sen (2016-18).
- Two students qualified GATE: Abhaya Prasad Mohapatra (2016-18), Premashish Kumar (2016-18)
- Four students qualified JAM: Sandeep Jangir (2015-2018), Pawan Kumar Sharma (2015-2018), Mahesh Pankaj (2015-2018), Pankaj Choudhary (2015-2018).
- Three students joined Ph D program: Premashish Kumar (S N. Bose National Centre for Basic Sciences), KachoImtiyaz Ali Khan (IIT Delhi), Gourav Rana (MNIT Jaipur).
- Four students join M Sc program: Sandeep Jangir (IIT Bombay), Manisha Meena (Delhi University), Navneet Kumar (BHU), Pawan Kumar Sharma (IIT Rorrkee).



Computational Physics Lab



Integrated Physics Lab

School of Social Sciences

Dean: Prof. S. N. Ambedkar

The School of Social Science has four major innovative academic departments: Public Policy, Law and Governance, Economics, Social Work, and Culture & Media & Studies. The curricula developed and taught in all the Departments are modernized and improved considering latest academic trends of

the disciplines. The faculties of the School representing established Universities of the Country have done significant academic work in the last Academic Year 2016-17. Amounting more than 50 Lakhs Project Grants 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 (2016-17), a new Two-Years Master's Program on Digital Society is also being initiated in the School which is a special interdisciplinary course linking the academic trends of Social Sciences and Digital Technology.

Department

- Department of Culture & Media Studies
- Department of Economics
- Department of Public Policy, Law & Governance
- Department of Social Work

Department of Culture & Media Studies

Head: Prof. S. N. Ambedkar

The Department of Culture and Media Studies, School of Social Sciences started its academic journey on 1st August 2011. It was established to nurture new field of enquiry in the domain of interdisciplinary media, cultural and communication studies in India through teaching, research, and training the young minds. The curriculum in Culture and Media Studies is designed to enable the students to understand how the inter-relation between media and culture shapes individuals and communities and is in turn shaped by them. The programme aims to prepare students who will enter the world of media and cultural studies with a critical perspective and analytical mind and with an introduction to various media technologies, practices, and narratives.

Programs offered

- Ph. D. in Culture and Media Studies
- M. A. Culture and Media Studies

Faculty

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

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Name	Event	Date
Dr. Pilli Kennedy	Department of Communication, University of Hyderabad <i>Basics of Video Production</i>	28/08/2017 01/09/2017
Mr. Mohan Kumawat	Anhad Media Production House, New Delhi <i>Documentary Film Making</i>	25 -29/09/2017
Ms. Sania Hashmi	Anhad Media Production House, New Delhi <i>Research and Scriptwriting for Documentary</i>	25 - 29/09/2017
Mr. Prasad C Pawar	Prasad Pawar Foundation, Nashik <i>Creative Photography</i>	05/03/2018

2. Other Academic Activities

- Dr. Pranta Pratik Patnaik coordinated to celebrate World Photography Day on 19 August, 2017.
- Raheem Khan (Masters Student) won the first prize in film quiz competition in the Math-Earth 2K18 fest organized by the Department of Mathematics, Central University of Rajasthan.
- Rinku Kumar Meena (Masters Student) won the first prize in Wildlife Photography Competition organized by Department of Environmental Science in Central University of Rajasthan.
- Raheem Khan (Masters Student) won the first prize in news report writing in a capacity building workshop organized by Media Foundation, Jaipur.

3. Extracurricular Activities

- The Department organized its 3rd Media Fest-Media Utsav on 4 October, 2017.
- Published 'CURAJ- VARTA', an in-house Lab Journal of the Department.



Dr. Pilli Kennedy, Faculty, Department of Communication, University of Hyderabad taking video production class



Mr. Raheem Khan, CMS Student (II Sem) receiving first prize for news report writing in capacity building workshop organized by Media Foundation, Jaipur

Department of Economics

Head: Prof. S.N. Ambedkar

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

Programs Offered

- Ph. D. in Economics
- M. A. Economics
- Integrated M. Sc. Economics
- Integrated M. Sc. B.E d. Economics

Faculty

Name	Designation	Area of Specialization
Dr. A. K. Giri	Associate Professor	Macro Economics and Finance
Dr. Hemlata Manglani	Assistant Professor	Micro Economics, International Trade, Growth
Dr. Pragati Jain	Assistant Professor	Environment, Development Studies
Dr. Pramod Kumar Naik	Assistant Professor	Financial Economics, Econometrics
Dr. Satyanarayan Murthy	Assistant Professor	Macro Economics and Finance, Monetary economics
Dr. Mohd. Hussain Kunroo	Assistant Professor	Macro Economics, Financial Economics, Econometrics

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Name	Event	Date
Prof. Debashish Acharya	University of Hyderabad <i>Macroeconomic Issues</i>	28/7/2017
Prof. Ganesh Kawadia	Devi Ahilya University, Indore <i>Environmental Sustainability and State of Happiness</i>	24/4/2018

2. Conference/Workshop/Symposium Organized

- One-day workshop on “Budget Planning and Preparation” was organized in Collaboration with BARC (Budget Analysis Rajasthan Centre) NGO, Jaipur on January 12, 2016.
Interactive Session by Start Up Oasis delivered by Ms. Nidhi Kachhawa, on 20 September, 2017.

3. Awards/Achievements

- The Hindu has published the story of Dr. Hemlata Manglani working on Seld Groups and Women Empowerment on 30 April, 2018.

The following students have been qualified UGC NET/JRF.

Shimla	UGC NET
Surbhi Sethi	UGC NET
Suruchi Shrimali	UGC NET (JRF)
Shardendu Sharma	UGC NET
Suman	UGC NET
Abhinash	UGC NET
Shivangi Sharma	SET
Krishna JNair	UGC NET (JRF)
Kundan Kumar	UGC NET
Madhuri	UGC NET

4. Extracurricular Activities

- A) Sports Students of the department have performed extra-ordinary in the inter departmental sports tournaments and received awards in Football, Kabaddi, and Cricket.
- B) Economania Fest, 2017-2018 : Department of Economics and economic society organized the annual fest Economania 2017-18 during 23, 24 and 25 March 2018. There were a total 12 innovative events (Panel discussion, Ballyhoo, Pathshala, Unlock the mystery, Daredevils, Animo, Mock stock, vivacity) those were conducted post the inauguration ceremony. Economania 2k18 began by paying a tribute to mother earth by planting medicinal plants and hence creating awareness regarding a need for a sustained environment and economy.



Economania Fest, 2017-2018

Department of Public Policy, Law & Governance

Head: Dr. S. Kandasamy

Completed nearly five years at the end of the Academic Year 2016-17. It runs very innovative Master's and Ph. D. Programs which introduce students to the study of policy-making and implementation processes, the power of policy analysis and making judgments along with understanding of legal principles and operation of law in a composite society. The PPLG Programs 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.

Programs Offered

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

Faculty

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

Extra-Mural Funding received

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

Awards/Achievements

UGC-NET Qualified

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

Department of Social Work

Head: Dr. Subhasis Bhadra

The Department of Social Work is actively involved in academic and field based practices, since its establishment (2012). It strives to work towards participative, inclusive and sustainable development. Dept. believes in promoting maximum human potentials, skill development, equal opportunity, justice, respect for diversity and anti-discriminatory environment within the society. The department endeavors to make: Globally competent, socially significant and locally relevant trained personnel. The function of Department covers four areas first, teaching which includes imparting academic degrees with the motto of providing education for sustainable development. The second is Practice which includes integrating the theory into practice by programmatic intervention and field laboratories. The third is research which includes students' dissertation based on empirical work and evidence. The fourth area is extension covering field action projects.

Programs offered

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

Faculty

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

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Name	Event	Date
Dr. Anshuman Karol	Sr. Program Manager, PRIA, New Delhi <i>The role "PRIA" in Community Development</i>	17/11/2017
Dr. Jahanara M Gajendragad	Visited the department as an external expert to conduct Viva -Vice Examination for Fieldwork	11/12/2017 and 12/12/2017

Dr. Johny Augustine	Associate Professor, School of Social Work, St Ambrose University, Davenport, USA <i>Social work as profession in USA and India</i>	16/01/2018
Dr. D Muralidhar	Professor of Department of Psychiatric Social Work, NIMHANS, Bangalore <i>Challenges in Social Work Practice</i> Visited the department as member of "Board of Studies"	04/04/2018 and 05/04/2018
Dr. Subhabrata Dutta	Professor, Department of Social Work, Assam (Central) University, Silchar, Assam. Visited the department as member of "Board of Studies"	4/04/2018 and 05/04/2018
Dr. Prativha J Mishra	Professor, Department of Social Work, Guru Ghasidas University (Central University), Bilapur, Chhattrishgarh, Visited the School of Social Sciences and Department as member of "School Board"	03/05/2018
Dr. Archana Dassi	Professor of Social Work, Department of Social Work, Jamia Millia Islamia, New Delhi <i>Fieldwork in Social Work Learning</i> Visited the department as an external expert to conduct Viva - Vice Examination for Fieldwork and Dissertation	10/05/2018

2. Conference/ Workshop/Symposium Organized

- The Department of Social Work organized "Eco-WaSH Capacity Building Workshop" in Collaboration with Department of Science and Technology, New Delhi, on 22-26 Nov., 2017.
- The Department of Social Work in collaboration with St. Ambrose University, Davenport, USA, organized an International colloquium on 12 January, 2018, titled "Primary Health care in India: Practice and Challenges".
- The Department of Social Work organized interaction with the MSW and Ph. D students with the MSW students of St Ambrose University, Davenport, USA on 11 January, 2017; and organized a field visit for the foreign students in two different NGOs in Ajmer District (Barefoot College, Tilonia and RMKM, Ajmer) on 13 January, 2018.
- The Department of Social Work Organized a program with the students on World Social Work Day, 20 March, 2018, on the theme "Promoting Community and Environmental Sustainability".
- The Department of Social Work Organized a Workshop on "Child Protection, Care and Adoption in India" for two days on 22-23 March 2018 for the students and research scholar of the Department of Social Work.

3. Extracurricular Activities

- **Students participation in Cultural Activities**

The students from the department participated in various cultural events in the university and took active role in celebration of Matri Bhasha Diwas celebration. Two of the students were part of the music club and joined in various concert. The students organized a cultural evening while the students from St. Ambrose University, USA visited the Department in January.

- **Students participation in Sports**

Students participated in various sports activity and one students of MA Social Work was in the University Basketball team.

- **Swacha Bharat Abhiyan (2017-18)**

Department of Social Work on behalf of University facilitated various activities related to Swachh Bharat Abhiyan programme. The programme envisages motivating and mobilizing the students to keep the environment clean. Students from various departments and schools joined in the Swachh Bharat Abhiyan programme. The students were oriented about the need of cleanliness and healthy environment in the growth and development of an individual and protecting environment. The activities are undertaken under Swachh Bharat Abhiyan programme are cleaning drives, plantation exercises, Swachhta oath taking in the campus, nearby schools, cleaning drive in the villages, community visits to create awareness among the community members on cleanliness and related activities, sensitization rally on dissemination of hygiene in the villages.

4. Major activities carried out in the year 2017

Field visit in the villages	Mundoti, Kheda, Sirohi and Fallotha
Plantation drives	Kheda, Nauhriya, Sirohi and Fallotha
Sensitization programme among youth, adolescent girls in the villages	Bandar sindri, Mundoti, Kheda, Nauhriya, Sirohi and Fallotha
Activities carried out during the Observance of Swachhta Pakhwada (1-15 September, 2017)	<ul style="list-style-type: none">● Cleaning drive activities in the Campus● Plantation exercises in the University campus.● Swachhta Pledge/Oath taking ceremony in the campus.● Cleaning drive and Swachhtha Pledge was carried out in the Govt High School, Fallotha, Tilonia.● Awareness campaign related to health and hygiene at in Higher Secondary School, Bandar Sindri● Organizing camp in villages based on Swachhtha Theme.● Publicized of Swachhtha Activities through Social and Electronic Media
Students project work on sanitation, environment and related topics	



The students of Social Work are with the school children to promote cleanliness and hygiene practice



Inauguration of the two days' Workshop on "Child Protection and Adoption in India" on 22 March, 2018, organized by Department of Social Work, Central University of Rajasthan

Faculty: Academic Endeavours

Invited Lecture/Keynote/Session Chaired

Department of Architecture

Neeraj Gupta

- “Designing a Successful Career” at INIFD Poddar Institute, Jaipur, India. (5 August, 2017). Invited Lecture
- “Being a Successful Architecture Professional” at School of Architecture and Planning Amity University, Jaipur, India. (22 September, 2017). Invited Lecture
- Career Opportunities in Architecture Profession” at Manipal University, Jaipur, India. (23 September, 2017). Invited Lecture
- Foundation Course for Officers of the State Services on Conflict Management” at HCM RIPA, Jaipur. (6-October, 2017). Invited Lecture
- Technical Session, Rajasthan Science Congress” at Rajasthan Science Congress, Amity University, Jaipur. (14 October, 2017). Invited Lecture
- Stress Management” at Global Initiative of Academic Networks (GIAN). Central University of Rajasthan, Kishangarh, Rajasthan. (10 January, 2018). Invited Lecture
- Time Management” at Global Initiative of Academic Networks (GIAN). Central University of Rajasthan, Kishangarh, Rajasthan. (11 January, 2018). Invited Lecture
- Importance of Acoustics in Architecture” at 361 Degree Design Conference–2018. Jasubhai Media, Mumbai (16-17 February, 2018). Invited Lecture
- Urban Sustainability: Emerging Trends, Themes, Concepts and Practices” at International conference on Urban Sustainability (ICUS) 2018 on “Rethinking Urban Development: Livable and 'Smart' Cities”. MNIT, Jaipur. (16 March, 2018). Key Note Address
- Acoustic for Green Building” at IGBC Green League (IGL)-Learn, Leverage & Lead. CII-Indian Green Building Council (IGBC). (30 June, 2018). Invited Lecture

Ritu B. Rai

- Hampi heritage site” at MNIT, Jaipur. (May 2018). Invited Lecture

Department of Atmospheric Science

Someshwar Das

- “Career & Opportunities in Atmospheric Science” at Birla Institute of Science & Technology, Jaipur. (15 March, 2018). Invited Lecture
- “Numerical simulation of cloudbursts over the Himalayas” at WMO International workshop on Monsoons (IWM-6), Singapore. (13-17 November, 2017). Invited Lecture
- “Atmospheric processes and parameterization” at SERB training School. K.L. University, Amaravati, AP. (2-3 November, 2017). Invited Lecture
- “Field observations, Research and Modelling” at Climate change session of Rajasthan Science Congress-2017, Amity University, Jaipur, Rajasthan. (14 October, 2017). Invited Lecture
- “Career & Opportunities in Atmospheric Science” at World EDU Fair. MPS, Jaipur. (13 October, 2017). Invited Lecture
- “Understanding Clouds” at Celebration of WMO Day 2017. University of Allahabad. (18 August, 2017). Invited Lecture

Subrat Kumar Panda

"Climate Change Vulnerability Assessment and Adaptation" at 5th Rajasthan Science Congress at Amity University, Jaipur. (15 October, 2017). Session Chaired

Department of Biochemistry**Chandi. C Mandal**

"Omega-3 Fatty Acid Disrupts BMP Signaling to Prevent Micro calcification in Breast Cancer" at 7th International Conference on Translational Cancer Research, ICTCR 2018. Chennai, India. (8-11 February, 2018). Invited Lecture "Cold temperature: a not-estimated cancer risk factor" at NSCPTS 2017. Rajasthan University, Jaipur, India. (21-23 December, 2017). Invited Lecture "Cancer Awareness and Fundamentals of cancer research" at Amity University Rajasthan, Jaipur, India. (14 November, 2017). Invited Lecture

Vishvanath Tiwari

"Omics approach to understand carbapenem resistance in Acinetobacter baumannii and designing of alternate therapeutics" at "Trends in Genomics: Congruence with Contemporary Biotechnological Tools. Aligarh Muslim University (AMU), Aligarh. (20-21 March, 2018). Invited Lecture

"Multidisciplinary approach to understand carbapenem resistance mechanism in A. baumannii and assessment of alternate therapeutics" at Protein Structure and Dynamics in Health and Agriculture. Jamia Millia Islamia, New Delhi. (3-4 November, 2017). Invited Lecture

Vijay Kumar Prajapati

"Nanomedicine development for visceral leishmaniasis" at The Biotechnology Research Society of India conference, NEERI, CSIR, Nagpur. (9-10 September, 2017). Invited Lecture

"Vaccine development for visceral leishmaniasis" at Indian Society of Chemists & Biologist conference. Manipal University, Jaipur. (8 January, 2018). Invited Lecture

Department of Biotechnology**A. K. Gupta**

"Role of microbes in understanding molecular basis of life processes" at International conference on Role of microbes in industrial revolution. School of Life Sciences, Jaipur National University, Jaipur. (28-29 March, 2018). Invited Lecture

Pankaj Goyal

"Personalized medicine: New Horizon in Human Health Care" at Manipal University, Jaipur. (07 February, 2018). Invited Lecture

"INTENSE: Unveiling the illusive truth: Cofilin as amyloids" at Amity University, Jaipur. (20 Aug, 2017). Invited Lecture

Janmejay pandey

"Biological technologies for reclamation and sustainable development of agricultural landmass contaminated with xenobiotic pollutants" at National Workshop on Climate Change and Sustainable Development. Central University of Gujarat, Gandhinagar, Gujarat, India. (22-23 March, 2018). Invited Lecture

Jay Kant Yadav

"Amyloids of Antimicrobial peptides: A New Paradigm of Functional Amyloids" at Fakultät für Chemie Technische Universität München, Munich, Germany. (13 June 2018). Invited Lecture

Suman Tapryal

“Biological protein aggregates as potential micro-particulate catalysts” at National Conference on Protein Structure and Dynamics in Health and Agriculture (NCPS 2017). Department of Biosciences and Centre for Interdisciplinary Research in Basic Sciences, Jamia Millia Islamia, New Delhi. (3-4 November, 2017). Invited Lecture

Surendra Nimesh

“Nucleic Acids as potential drug molecules: Basic concepts and delivery” at National Workshop on Bioinformatics Applications in Modelling and Drug Design. Birla Institute of Scientific Research (BISR), Jaipur, India. (15-17 February, 2018). Invited Lecture

“Nanomedicine based strategies for the treatment of Hypercholesterolemia and related Cardiovascular diseases” at 24th ISCB International Conference (ISCBC-2018) on Frontier Research in Chemistry & Biology Interface. Manipal University, Jaipur, India. (11-13 January, 2018). Invited Lecture

“Nanotechnology based strategies for the treatment of Hypercholesterolemia and related cardiovascular diseases” at Rajasthan Conclave-5. Desert Medicine Research Centre, Jodhpur, India. (13-16 December, 2017). Invited Lecture

“Chitosan Nanoparticles for Efficient Gene Delivery” at National Workshop on MIND-MELD-How Interdisciplinary are you. Manipal University, Jaipur, India. (29 July, 2017). Invited Lecture.

Jayendra Nath Shukla

“Sex Determination mechanism: A potential insect control strategy”. at Curbing whitefly-plant virus pandemics-the departure from pesticides to genomics solutions, Indo-US Science and Technology Forum (IUSSTF). PAU, Punjab. (4-5 December, 2017). Invited Lecture

Department of Chemistry

R. T. Pardasani

“General Characteristics of Heterocyclic compounds, Planning Organic Synthesis and Applications of NMR” at Refresher Course. University of Rajasthan. (September 26, 2017). Invited Lecture

“Greener Approaches to the Synthesis of Agriculturally and Biologically Active Heterocyclic Scaffolds” at GA ECS-2017, National symposium in chemistry. Narayangaon. (December 15, 2017). Invited Lecture

“Current Trends in Chemistry and Science Innovations” at DST INSPIRE Camp. Manipal University Jaipur. (January 6, 2018). Invited Lecture

“Exploration of New Methodologies for the Synthesis of Heterocyclic Scaffolds” at University of Hyderabad. (January 16, 2018). Invited Lecture

“Greener Approaches to the Synthesis of Bioactive Heterocyclic Scaffolds” at ICNIA-2018. Jiwaji University, Gwalior. (March 9-11, 2018). Invited Lecture

Easwar Srinivasan

“Digging Deeper into the Proline Goldmine: Novel Catalysts for the Direct Asymmetric Aldol Reaction” at National Conference on Chirality. M. S. University of Baroda, Vadodara. (November 10-11, 2017). Invited Lecture

M. Bhanuchandra

“Transition-metal-free synthesis of spirocyclic tetraarylmethanes and carbazoles through two successive nucleophilic aromatic substitution reactions of dibenzothiophene dioxides” at International conference on frontiers at the chemistry-allied sciences interface (FCASI). Rajasthan University. (July 22-23, 2017). Invited Lecture

“One-Pot Twofold S_NAr Reactions of Dibenzothiophene Dioxides: Synthesis of Spirocyclic Tetraarylmethanes and Carbazoles” at National Conference on applied materials science. Central University of Gujarat. (April 6-7, 2018). Invited Lecture

Anuj K. Sharma

“Multifunctional molecular frameworks designed for metal-chelation therapy in Alzheimer's disease” at National Conference on recent Frontiers of Chemistry, (NCRFC 2018). Hemwati Nandan Bahuguna Garhwal University, Srinagar Garhwal, Uttarakhand. (April 27-28, 2018). Invited Lecture

Ch Gupta Chandaluri

“Electrocatalyzed Deposition of Nanostructures on Striped Patterns of Block Copolymer Template for Surfaces of Controlled Wettability” at National Conference on applied materials science, Central University of Gujarat. (April 6-7, 2018). Invited Lecture

Department of Commerce

Praveen Sahu

“New age economic reforms in India” at 7th national conference, BVM college of management education, Gwalior. (15 Jan 2018). Invited Lecturer

Department of Culture & Media Studies

Pranta Pratik Patnaik

“Mapping Creative Industry and Economy in India” at National consultation organized by Centre for Culture, Media & Governance [CCMG], Jamia Millia Islamia, New Delhi, India. (16–17 April, 2017). Invited Lecture

“Scaling-up Development Journalism Learning Modules” at one-day session organized by Centre for Mass Communication, University of Rajasthan, Jaipur, India. (6 May, 2018). Invited Lecture

Department of Economics

Hemlata Manglani

“Career in Economics”. Education Fair at Maheshwari Public School. (13 October, 2017). Invited Lecture

Department of Environmental Science

L.K. Sharma

“Recent trends in geospatial technology for resources management” at Brainstorming Session for Strengthening Interdisciplinary and Inter-Institutional Research in Rajasthan. Mohanlal Sukhadia University, Udaipur. (January 12-13, 2018). Invited Lecture