

School of Architecture

Blending Technologies

Department of Architecture

Committed to Regenerative Architecture

The School of Architecture was established in 2011 in the Central University of Rajasthan. The school's programmes focus on sustainable development goals, sustainable architecture, 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, and Urban Planning.

Educational Programmes

For admissions in the July 2022 session, the Department of Architecture offers two programmes:

- **M. Arch. (Sustainable Architecture)** Two Year (four semesters) Full-Time Programme
 - **Intake:** 23 (12 for admissions through CCMT and 11 through CUET)
 - **Reservation** in seats is as per University norms and Government of India Policies
 - **Eligibility:** Bachelor of Architecture degree course or equivalent courses recognized by the Council of Architecture with a minimum of 50% marks or equivalent grade in aggregate for general category and 45% or equivalent grade for SC/ST/OBC/PWD/EWS candidates.
 - **Admission:** Candidates with valid GATE Scores must apply through CCMT.
Others may appear in the Central University's Combined Entrance Test (CUET) 2022 being conducted by National Testing Agency.

- **Ph.D. (Full Time Programme)**
 - **Intake:** To be announced
 - **Eligibility:** A consistently good academic record possessing
 - a) Master's degree in architecture/allied specialization or equivalent from any recognized institution.**OR**
 - b) Bachelor's Degree in architecture or equivalent in first class with ten years' experience in teaching /research/ professional practice.
(A candidate having only a B.Arch. Degree shall, in addition, to the prescribed coursework for candidates with a Master's degree, be required to pursue the courses of the Master's Degree programme of the school as per the recommendation of the research committee.)

Fee Structure: Central University of Rajasthan offers high quality programmes with a highly affordable fee structure. The Details of can be seen at the University website.

M. Arch. (Sustainable Architecture)

The M. Arch. (Sustainable Architecture) programme aims to train Architects to understand issues associated with Sustainable Architecture, including but not limited to, environmental concerns, assessment methods, renewable energy technologies, consumption, construction materials, health and safety, economics, social development, project management policy framework, and green certification etc. This programme encompasses residential, commercial and public architecture, campus planning and large area development, as well as their effect on the urban and rural built environment.

The **Learning Outcome Based Curriculum** design of the programme is designed to develop knowledge, enhance skills and nurture appropriate attitude for sustainable architecture. The first three semesters are blend of theory and project courses. The project work during summer break after second semester is integral part of the programme. Dissertation course in the third semester prepares the students for research and academic pursuits. The fourth and final semester is dedicated to the design thesis project and the development of professional competence required for managing sustainable architecture projects.

The **Choice Based Credit System** followed by the University allows students to choose electives offered by the Department of Architecture and other departments of the University. They can also choose online courses as approved by the School board and fulfil requisite credits. Thus, students have flexibility of pursuing studies to suit their interests and career aspirations.

Infrastructure and Facilities

The University's campus spread over 518 acres of land boasts of high quality infrastructure that includes:

- **Central Library:** The Central Library of the university is well equipped with books on Architecture, online journals and e-books etc.
- **Hostels and Dining halls:** Separate buildings are designed to meet the comfort and safety for girls and boys. Hostels have facilities like with gymnasium, common rooms, hot water supply, wi-fi etc.
- **Sports and Games:** Playfields for cricket, football, basketball and volley ball, illuminated tennis courts, covered badminton hall and indoor games facilities.
- **Health Centre and Medical facilities:** The campus has a well-equipped health centre with resident nursing staff and indoor admission facilities. University has an ambulance for transfer to city hospitals in case of medical emergencies.
- **Bank and Post Office and other supportive facilities:** The campus has a branch of Bank of India, Post office, Canteen and a small shopping centre to meet the routine requirements of the students.
- **Auditorium:** The University boasts of its air-conditioned auditorium with state of art audio-video systems that can house nearly 1500 persons. The building designed by the department of Architecture is the venue for convocations, distinguished lectures, seminars, exhibitions and students' cultural activities.
- **Academic Departments:** The Schools of the University are housed in different academic blocks. The Department of Architecture is located on the third floor of building 4-A6. The department's facilities include:
 - Building Material Lab and Model making room,
 - Computer Lab with Autodesk Building Design Suit 2012 and Adobe Master Suite CS 5.5
 - A0 Size Plotter cum Scanner
 - Training Bays with hands on practice of acoustic ceiling installations

Faculty Members

Presently, the following four faculty members are appointed against the seven sanctioned positions for the Department of Architecture:

- **Prof. Neeraj Gupta, Professor**
Area of Interest: Sustainable Urban Development, Spatial Planning and Design, Development of Educational Campuses, Project Management, Contracts, Training and Capacity Building
- **Ar. Ritu B. Rai, Associate Professor**
Area of Interest: Architecture, Urban design, Water front Architecture
- **Ar. Vivekanand Tiwari, Assistant Professor**
Area of Interest: Environmental Planning, Watershed Management, Legal Policies
- **Ar. Sunil Sharma, Assistant Professor**
Area of Interest: City Planning, Transport Planning, GIS and Remote Sensing, Climatology, Building Physics
- **Ar. Mahesh Kumar, Assistant Professor**
Area of Interest: Energy Efficient Design, Vernacular Architecture, Green Building Certification, Building Physics

Guest Faculty from Professional and Academic World

The department organises thematic workshops, seminars and on-site sessions on regular basis. These learning are facilitated by acclaimed professionals and academicians. Few such professionals who have facilitated learning in previous years are listed here.

Sustainable Architecture, Spatial Planning and Design, Indoor Environment:

- **Prof. Manoj Mathur**, School of Planning and Architecture, New Delhi
- **Ar. Sanjay Prakash**, Practicing Architect and Campus Planner, New delhi
- **Ar. Rahul Mehrotra**, Professor of Urban Design and Planning, [Harvard Graduate School of Design](#) (GSD) in Cambridge, Mass., USA.
- **Prof. Anurag Roy**, Practicing Architect and Interior Designer, New Delhi
- **Dr Ranjana Mittal**, Professor, School of Planning and Architecture
- **Prof. Rajeev Shringi**, Professor, Department of Architecture and Planning, MNIT, Jaipur
- **Prof Kalpana Pandit, Professor**, Department of Architecture and Planning, MNIT, Jaipur
- **Mr. Naresh Duple**, Acoustic Expert, Armstrong

Research Methods for Sustainable Architecture

- **Prof. Sanjeev Vidyarthi**, Associate Professor, Urban Planning and Policy Program, The University of Illinois, Chicago
- **Dr. Mansee Bal Bhargawa**, Research Entrepreneur, Environmental Design Consultants, Ahmedabad
- **Dr. Satish Pipralia**, Associate Professor, Department of Architecture, MNIT, Jaipur.

Services, Utilities and Renewable Energy Technologies:

- **Prof. Nilkanth Shinde**, Expert - Renewable Energy, Shivaji University, Kolhapur
- **Er. Sudheer Mathur**, Consultant, MEP Services
- **Mr. Vishesh Swamiwal**, Executive Engineer, Electrical CPWD
- **Ar. Anup Rathi**, LEED AP, Energy Simulation Expert
- **Mr. Chandana**, Consultant, Fire Fighting Systems, Jaipur

Waste Management:

- **Prof. Herman Kohler**, Secretary ISWA, Viena, Austria
- **Prof. Mohammad Taherzadeh**, Director of Resource Recovery, University of Boras, Sweden
- **Dr Vivek Agarwal**, Centre for Development Communication, Jaipur

Environmental Planning, Landscape Design and Urban Forestry:

- **Prof Ashish Maitra**, Ex Director, School of Planning and Architecture, New Delhi
- **Ar. Mahesh Paliwal**, Landscape Consultant, New Delhi.
- **Ar. Mohan S. Rao**, Landscape Consultant, INDE, Bangalore
- **Mr.Y.C. Sharma**, IFS (Retd) Biodiversity Expert

City Planning, Urban Design and Housing:

- **Ar. Usha Kasana**, Chief Architect (Retd), PWD, Government of Rajasthan
- **Ar. N K Khare**, Head - Heritage and Conservation Cell and Technical Advisor, Government of Rajasthan
- **Ar. UK Srivastava**, Chief Town Planner (Retd.), Government of Rajasthan
- **Ar. A.K Gupta**, Chief Town Planner (Retd), Government of Rajasthan
- **Ar. Pushpak Pandit**, Urban Designer, Akalpan, Jaipur
- **Prof. Alok Ranjan**, Professor Department of Architecture, MNIT, Jaipur

Green Building Certification

- **Ar. Chaitali Basu**, Assistant Professor, School of Planning and Architecture, New Delhi
- **Ar. Megha Mittal**, Project Manager, Environmental Design Solutions, New Delhi
- **Ar. Ashu Dehdani**, Manager (Technical and Publications) at GRIHA Council, TERI, New Delhi

Awards

The Department of Architecture has successfully implemented the integrated micro watershed plan for 518 acres campus of CURaj at Bandar Sindri. This development of the Central University was honoured as an exemplary watershed management work at the annual GRIHA summit held at Delhi in 2014.

Industry Academia Interaction and Projects by the Department

Members of the faculty constantly interact with the professional bodies, consultants, and also provide advice to various national level educational institutions as member of Design Competition Jury and other Expert Committees. Professionals from the Industry are invited to present seminars etc.

The department also provides in-house honorary consultancy for the University's Development. Few projects undertaken by the department are:

- Integrated micro watershed management of CURaj campus including planning of four water harvesting structures.
- Design consultancy for development of Auditorium and three semi-permanent academic buildings each measuring about 2100 sq. m.
- Design of three permanent helipads at University Campus for landing of heavy helicopters of Indian Air Force.
- Design of New Girls Hostel
- Design of Academic Block for the School of Yoga and Education
- Landscape Development of Area In front of Administrative Block



Placements

The rigorous educational and professional training received by the students during the two year programme empowers them with high levels of competency and thus they are able to easily gain employment in different sectors.

Few organizations where our students are placed:

- Architecture Division, Border Security Force
- Schools of Architecture and Planning in State Universities, NITs, and Private Universities
- Professional Firms Providing consultancy in Sustainable Architecture
- Energy Consultancy Firms
- NGOs and Developmental Organisations
- Consultancy 'Start-Ups'
- Research Scholars in IIT, NIT, and SPA.
- Faculty Members in SPA, State Universities and Private Architecture Colleges

Convocations and Award of Gold Medals - Pictorial Preview



Ar. Mahesh Choudhary Gold Medalist Batch 2013-15



Ar. Yogita Bijrania Gold Medalist Batch 2015-17



Prof. Neeraj Gupta, Leading the Convocation Procession



Ar. Ashu Dehdani Gold Medalist Batch 2014-16



Learning Events and other Activities - Pictorial Preview



Mr Smith, VP Global Commercial Excellence, Armstrong Plants a Sapling in the campus after addressing the students



Prof. Arun K Pujari, Vice Chancellor, Felicitates Dr Sanjeev Vidyarthi after 'GIAN' workshop



Field Visit to Inforsys Campus, Jaipur



Study Visit To Nahargarh Jaigarh Ridge to understand Traditional Water harvesting Systems



Field Visit to the house of Ar. Sanjay Prakash, New Delhi



Study visit to Jwahaar Kala Kendra, Jaipur



Joint Studio Exercise with students of SPA Delhi and MNIT, Jaipur



Ar. Usha Kasana Reviews Design Thesis work



Learning Events and other Activities - Pictorial Preview



Field Visit to Mahindra SEZ, Jaipur



ECBC Workshop, VIT Campus, Jaipur



Field Study Visit to Dayalbagh Campus, Agra, to study an existing net zero institutional campus



Field Study Visit to Jal Mahal, Agra



Field Study Visit to Bhamashah State Data Centre, Jaipur