

## About SPAV

At SPAV, the academic focus and approach is a unique blend of design, creativity and objectivity with a social purpose. Students not only learn the skills required, but during the course of studies are exposed to thought-provoking and intellectually inspiring sessions, through studios, field trips and research projects, which brings out the creative best in them.

**Prof. Dr. Ramesh Srikonda**  
Director SPA, Vijayawada

# PLACEMENTS



### Head, Department of Architecture

Prof. Dr. Amitava Sarkar

### Program Co-ordinator

Dr. G. Karteek

### Core Faculty

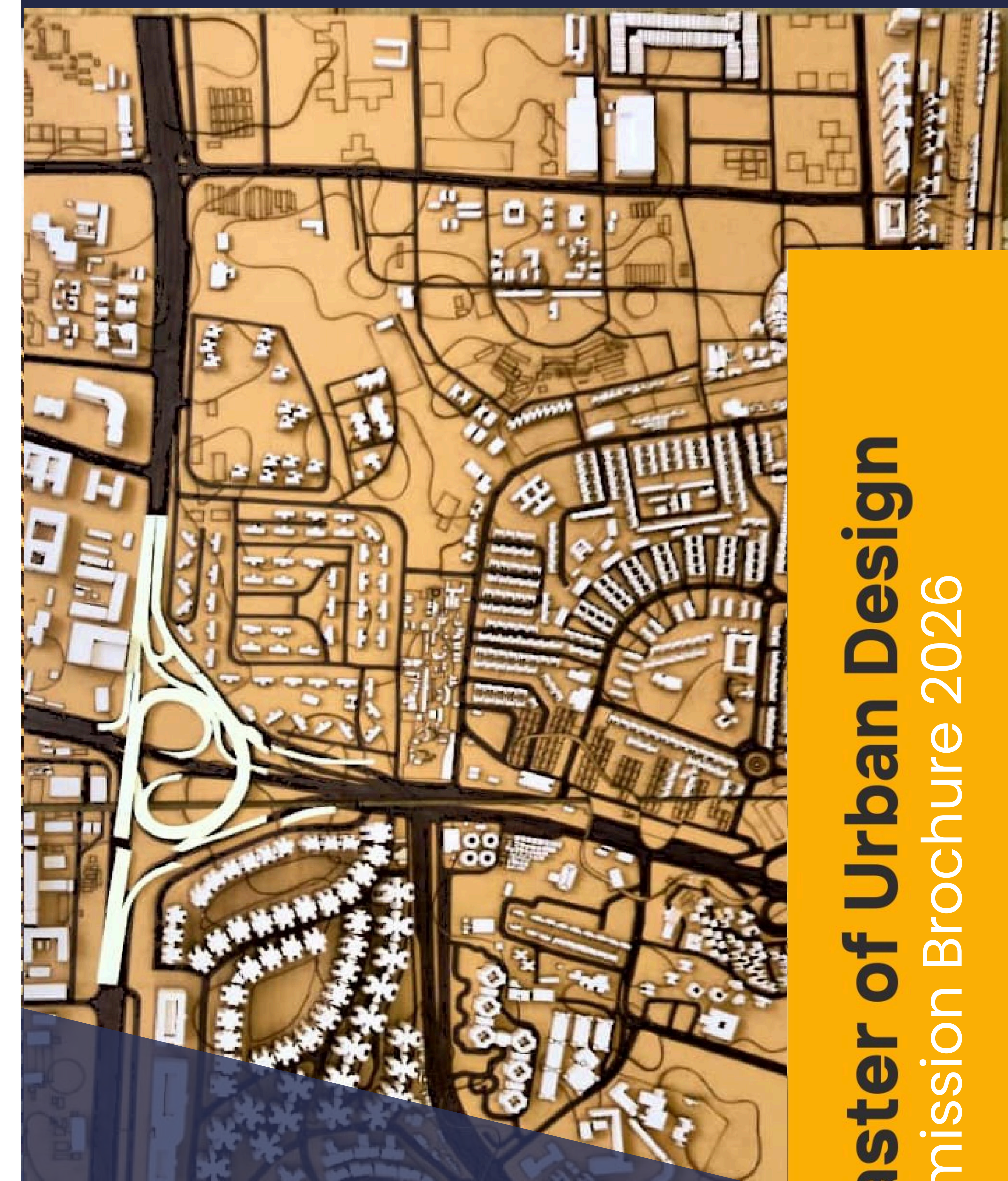
Ar. Deepak Kumar

Ar. Ch Dheeraj V M

Ar Monisha V Kunjuman

Ar Thushara P T

## SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA



**Master of Urban Design**  
Admission Brochure 2026

## DEPARTMENT OF ARCHITECTURE

### Contact Us

Phone:  
0866 2469 449

www.spav.ac.in

Address:  
School of Planning and Architecture, Vijayawada.  
Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India

The campus has ICT enabled teaching atmosphere, high end digital surveillance systems, modern laboratories, spacious studios and classrooms, open-air theatres, auditorium, cafeteria, and outdoor sports facilities. The various labs in the campus include:

**Computer Labs, Geoinformatics Lab, Art Lab, Landscape Lab, Material Testing Lab, Surveying Lab, Model making & Carpentry Lab, Climatology Lab, Conservation Lab, Environmental Monitoring Lab, Structural Lab**



**செய்வனை**  
where cultures converge, stories begin

## About the Programme

The Programme offers perspectives on Urban interventions in complex urban environments considering various social, behavioral, environmental and historic factors for formulating design and development strategies.

The course offers documentation of dynamic aspects of growth and transformation in various cities and provides direction for further Urban development, Urban Redevelopment, Urban Renewal, Urban Conservation and new growth strategies at varying scales through broad range of subjects and interactive design studio projects.



### PROGRAM OUTLINE

The overall structure of the Curriculum is designed to focus on the student-centric and diverse learning that is required for the program, with scope for research and exploration. A strong theoretical foundation is very much essential to inform students about various dimensions and theories of Urban Design.

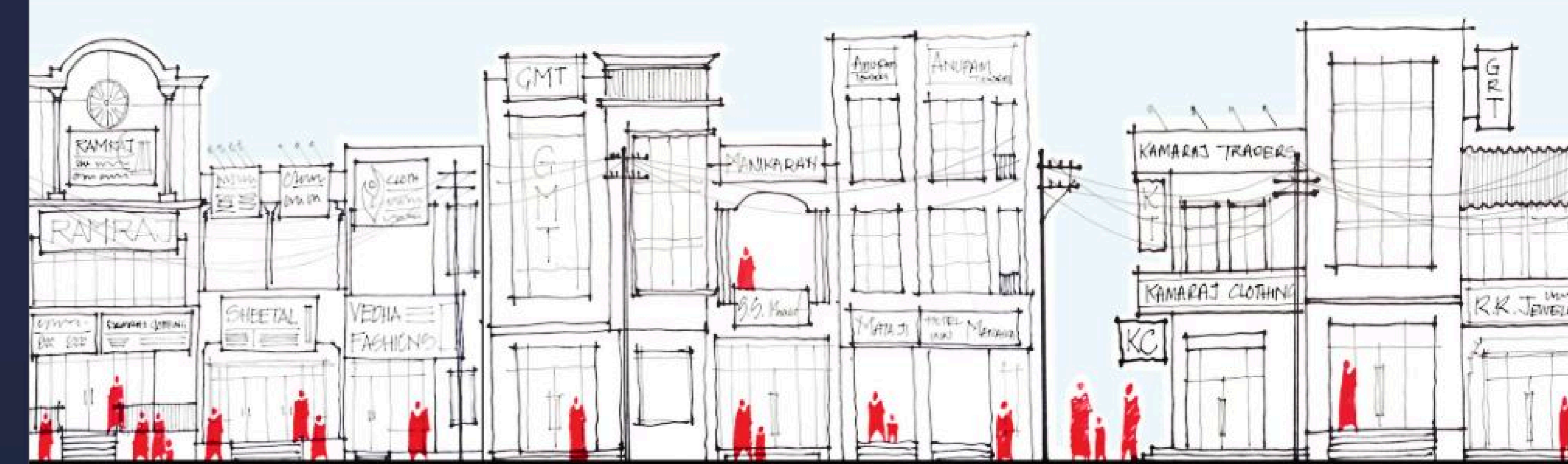
The curriculum is equipped with scope for more theoretical learning in the initial semesters. Core learning is through Studios and Labs in the course, which first orients students to various types of urban issues of varying scales and then develops guided Urban interventions at these varying scales.

Role of the lab in the second semester is to equip the students with the ongoing research worldwide and to instill a sense of research and inquiry into cities. The idea is to have higher emphasis on theoretical learning in the initial semesters and core learning as well as research in the later semesters.



### Eligibility

Bachelor's Degree in Architecture  
And as per the prevailing admission norms of SPAV



# Milestone of Innovation

## 50+ IPRs

### in a Single Year

We are proud to announce that the inaugural cohort of the Master of Design program has achieved an extraordinary milestone. In the 2025-26 Academic Year alone, our first-year M.Des students successfully filed 50+ IPRs through Design Innovation Centre, SPAV

### Our mentors

**Prof. Dr. Ramesh Srikonda**

Director, SPAV

**Prof. Dr. Amitava Sarkar**

Head, Department of Architecture, SPAV

**Prof. Dr. Anil Kumar Chilakapati**

M. Design & SPA-DIC Coordinator, SPAV

**Dr. Khuplianlam Tungnung**

Assoc. Professor, SPAV

**Ar. Divya Yadav**

Asst. Professor, SPAV

**Ar. Pushendra Kumar**

Asst. Professor, SPAV

**Ar. Samantha Kumar T**

Asst. Professor, SPAV

**Ar. Madhava Rao T**

Asst. Professor, SPAV

**Mr. Santhosh Kumar Pedagadi**

Asst. Professor, SPAV



## Admission & Eligibility

### Eligibility Criteria:

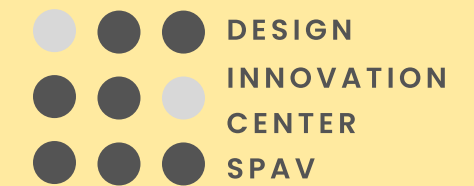
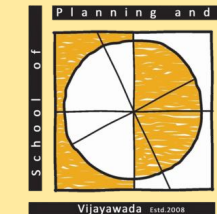
1. Bachelor's degree in Architecture from an accredited university or a recognized equivalent qualification.
2. Bachelor's Degree in Engineering, Design, or Fine Arts from a recognized university (or equivalent), paired with a valid CEED score.

### Marks/Grades Eligibility

For admission into M.Des program at SPAV, General, OBC, and EWS applicants require at least a 6.5 CGPA on a 10-point scale or 60% marks in their qualifying degree.

For SC, ST, and PH candidates, the requirement is a 6.0 CGPA or 55% marks.

These criteria are subject to any updated Government of India (GOI) norms adopted by the institute over time



## Department of Architecture

### Master of

# Design

### Total Seats

# 25



scan the  
QR for  
Admissions  
AY 2026-27

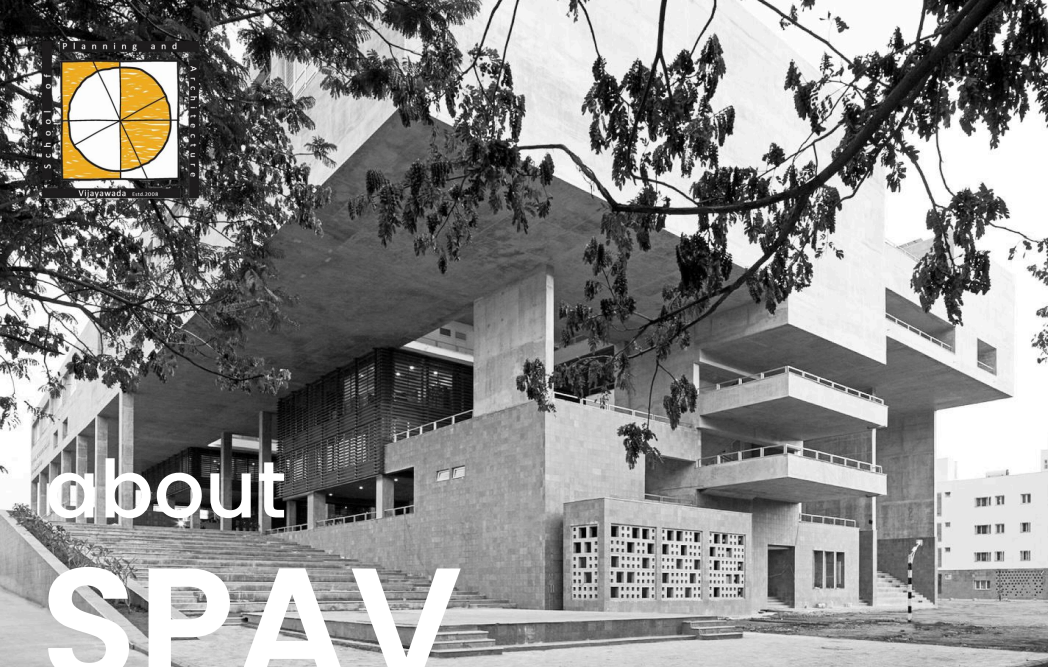
## Contact

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E : spavmdes@gmail.com

[www.spav.ac.in](http://www.spav.ac.in)

# 26



# about SPA V

# program & Course M.Des.

At SPA Vijayawada, an **Institute of National Importance** under the Ministry of Education, we don't just train designers; we empower visionary disruptors. Our award-winning Brutalist campus (**Eurasian Prize 2018**) embodies the "**Building as a Pedagogue**" philosophy, utilizing specialized zones like the Parasol (studios), Platform (workshops), and the Concourse a democratic "third space" for spontaneous intellectual exchange

### Vision

#### Industry Champions:

We align our curriculum with shifting global business patterns to provide high-demand, industry-leading skillsets

#### Holistic Leadership:

We nurture critical thinking, collaboration, and social responsibility to develop well-rounded professionals

#### Tech Frontiers:

We master the frontiers of AI, AR/VR, and Machine Learning to lead global design innovation

### The Promise

We empower you to transcend the status quo and shape the future of design.

### Shaping the Future of Innovation

The M.Des program at SPA Vijayawada is an intensive, two-year journey designed for those who wish to lead the next generation of creative practice. We cultivate "**Visionary Creators**" professionals who don't just solve problems but redefine how humanity interacts with the world.

### The Tailored Career Pathways: Design your own Major

#### Interaction Design

Create intuitive digital ecosystems and immersive interfaces.

#### Industrial & Product Design

Transition from concept to manufacturing for consumer and medical goods.

#### Communication & Visual Design

Master visual storytelling, graphic narratives, and strategic branding.

#### Learning Experience Design (LxD)

Explore the psychology of how people think, engage with systems, and acquire knowledge.

#### Automobile & Mobility Design

Engineer next-generation transport systems across land, air, and water.

### Designing the Unseen A Four-Semester Evolution of the Creative Mind

#### Semester I

##### The Foundation of Creative Intelligence

Master the design process through sustainable ergonomics and user-centricity, bridging the gap between sketching and 3D modeling while exploring materials and manufacturing.

#### Semester II

##### The Deep Dive into Advanced Systems

Solve complex real-world problems in a project-based laboratory using Design Thinking, semantic studies, and advanced applications of VR/AR

#### Semester III

##### The Architect of Innovation

Innovate within the Design Innovation Cell by integrating AI and IoT into systems, gaining an edge through a 6-week industry internship and IPR training

#### Semester IV

##### The Capstone & The Launchpad

Complete a Design Thesis focused on a patentable solution and master entrepreneurship to launch your venture, showcased at the Design Capstone Exhibition.

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Faculty -

**Dr. Kranti Kumar Myneni, Co ordinator**

**Dr. Nagaraju Kaja**

**Dr. Umashankar Basina**

**Ar. Vijesh Kumar**



**Prof. Dr. Ramesh Srikonda**  
Director SPA, Vijayawada

**Prof. Dr. Amitava Sarkar**  
HoD Dept of Architecture

# Life @ MBEM



## Our Past Recruiters



# School of Planning and Architecture, Vijayawada



## Masters in Building Engineering and Management



## Contact Us

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# About MBEM

The course of MBEM is designed holistically to accommodate the latest trends in the construction industry, both in academics and in the profession.

The course is intended to imbibe and amplify the knowledge of the construction industry through a series of lectures and practical case studies while also encouraging the students to acquire knowledge in avant-garde construction techniques as well as other allied topics such as Real Estate Management, Building Facilities Management, Finance Management, Occupational Health and Safety, Contracting and Legal Documentation, Value Engineering, and Human Resource Management are among a plethora of other topics.

The paramount focus is on developing professionals who are competent enough to complete complex projects from inception to completion with proficient analytical, interpersonal, and software skills while coordinating with the stakeholders and various consultants.



# MBEM Course Structure

1<sup>st</sup>  
Semester

- Project Planning and Scheduling Studio
- Construction Management, Tools, and Techniques
- Quantitative Methods and Operation Research
- Construction Technology, Materials, and Methods Advanced Building Services
- Construction Materials and Technology Laboratory

2<sup>nd</sup>  
Semester

- Project Cost and Contract Management Studio
- Project Cost Management
- Research Methodology
- Construction Occupational Health and Safety Administration
- Construction Contracts, Specifications, and Legal Issues Building
- Facilities Management

## SUMMER INTERNSHIP & TRAINING

3<sup>rd</sup>  
Semester

- Project Procurement Management Studio
- BIM-based Construction Management
- Project Finance and Risk Management
- Project Administration and Organisational Behaviour
- Construction Procurement and Inventory Management
- Dissertation

4<sup>th</sup>  
Semester

- Thesis
- Quality and Human Resource Management

# Our Expertise

PROJECT MANAGEMENT

PROJECT DEVELOPMENT SERVICES

VALUE ENGINEERING

PROCUREMENT MANAGEMENT

REAL ESTATE MANAGEMENT

CONTRACT MANAGEMENT

STRATEGIES BUSINESS DEVELOPMENT

RESEARCH

FINANCIAL MANAGEMENT

DEVELOPMENT RESEARCH

VALUATION AND IRM

DESIGN MANAGEMENT

ADVISORY AND CONSULTING

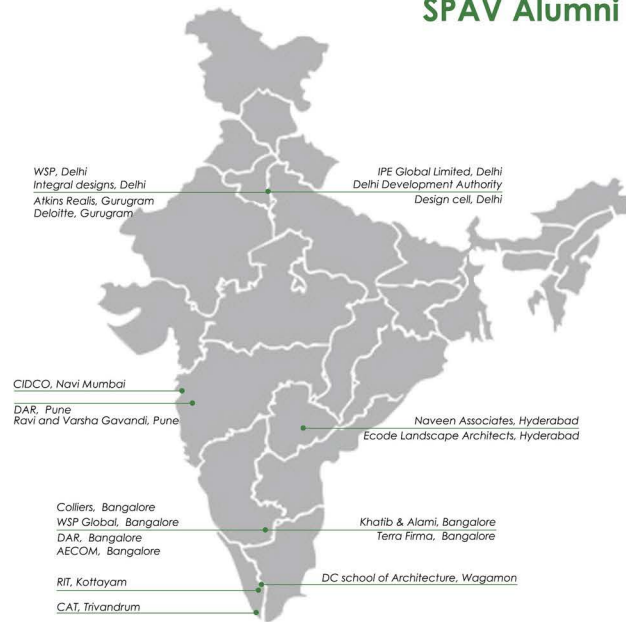
Students are trained to think critically and work both independently and in teams. Real-life studio projects help them apply knowledge in practical settings. They are skilled in MS Office, project tools (MS Project, Primavera, BIM), and architectural software. Site visits and coordination with consultants give them real-world exposure.



## Career Prospects

The Landscape Architecture Post-Graduate course at SPAV offers a forward-looking academic framework that responds to the evolving challenges of landscapes in India and across the globe. The curriculum is grounded in ecological sensitivity, cultural understanding, and sustainable design practices, addressing contemporary environmental and urban challenges. As a student here, one becomes part of a dynamic learning environment with accomplished faculty from the institute, as well as experts from leading institutions and professional practices working in the field of landscape architecture.

### SPAV Alumni at



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School of Planning and Architecture, Vijayawada  
An Institute of National Importance, Ministry of Education, Govt. of India

## M. Arch in Landscape Architecture



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Director, SPA Vijayawada

## Contact Us

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# MODULES

SEM 1

Introduce students to the **fundamentals of landscape architecture**, focusing on landscape design, plant systems, site processes, and visual communication through **studio work and field studies**.

SEM 2

Develop an **understanding of ecological systems** and site analysis, integrating ecosystem studies, plant design, geoinformatics, and landscape planning through **advanced studio exercises**.

SEM 3

Focus on **sustainable landscape practices** and professional skills, covering resource conservation, project management, **research methods**, and **practical training**.

SEM 4

Culminate learning through a **thesis and advanced explorations** addressing contemporary landscape challenges such as **future cities**, **green infrastructure**, and **environmental assessment**.

05 MODULES  
IN EACH SEMESTER

DESIGN STUDIOS

ECOLOGY & ENVIRONMENT

PLANTS & LANDSCAPE SYSTEMS

SITE PLANNING & ENGINEERING

THEORY, TOOLS & PRACTICE

## LANDSCAPE STUDIO I - VISHAKHAPATNAM

Through site visits and **documentation**, the first semester introduced students to designed landscapes and the process of **translating concepts into practice**.



Case study and documentation of all abilities parks and urban open spaces in Vishakhapatnam

## HIGHLIGHTS

This course offers essential training for professional roles in the landscape architecture sector. Students learn to understand ecological, cultural, and spatial dimensions of landscape planning and design, gain practical experience through studio-based learning and field engagement.

The curriculum includes landscape design studios, ecological systems, planting design, geoinformatics, landscape engineering, and research methods. The course emphasizes highly valued and transferable practical skills and knowledge needed to address contemporary landscape challenges.

## LANDSCAPE STUDIO II- BHUBANESWAR

The studio explored urban open spaces in **heritage landscapes** through documentation of Bhubaneswar's temple-town spaces and a **case study** of the Puri Jagannath Temple precinct.



Heritage landscape open spaces mapping and documentation

### Core Faculty:

- Dr. M. Banu Chitra, Associate Professor & Program Coordinator
- Prof. Dr. Shanmuga Priya G, Professor
- Ar. Kapil Natawadkar, Assistant Professor
- Ar. Somaina Islary, Assistant Professor



Central library

STATE OF  
THE ART  
TECHNOLOGIES



Landscape lab



GIS lab

SPAV fosters a learning-centric environment that emphasizes social engagement, ecological sensitivity, and critical thinking in landscape planning and design, integrating studio work with site-based learning and field exposure. The program equips students with contemporary tools such as geoinformatics and digital analysis techniques, ensuring proficiency in current technologies essential for addressing complex landscape challenges.

Prof. Dr. Amitava Sarkar,  
Professor & Head of the Department



## Career Prospects

This course offers essential training for professional roles in the Heritage sector. You'll learn to understand all aspects of heritage management theory and practice, gain practical experience with heritage sector professionals, and develop knowledge and skills essential for careers in Heritage Conservation in India and abroad. Unique modules cover Critical Approaches, Diagnostic Tools (including Lidar and photogrammetry), Heritage Assessment. Theory and Principles, and Studio for practical experience. The course focuses on providing you with highly valued and transferable practical skills, knowledge and experience.



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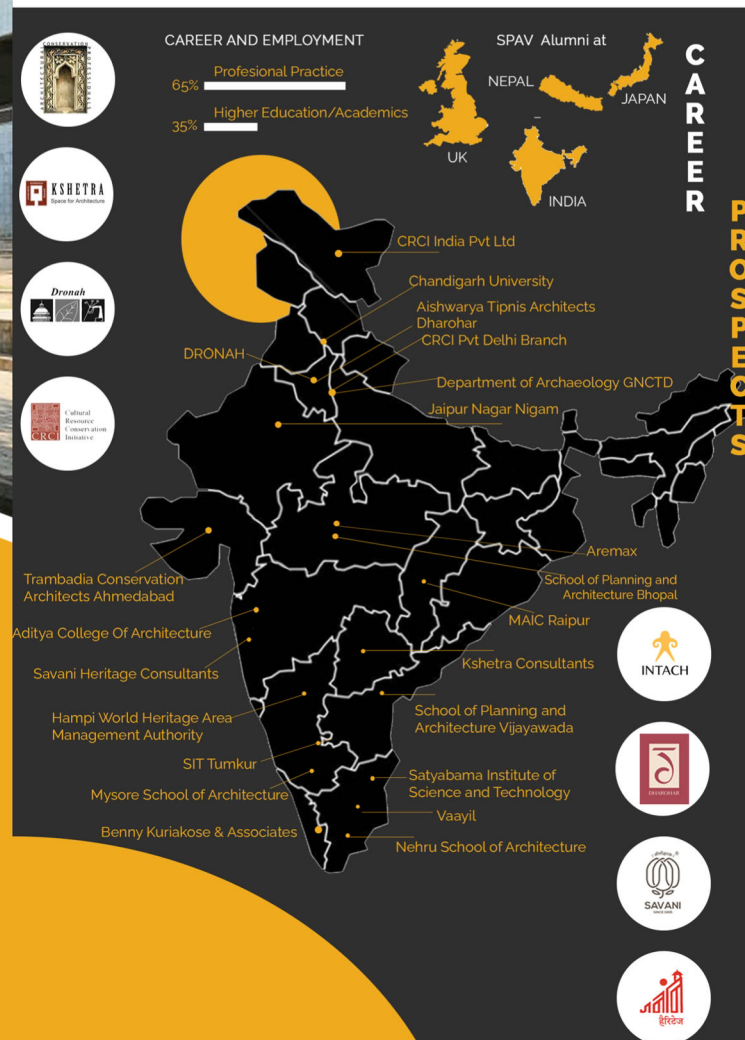
## M. Arch in Architectural Conservation



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# MODULES

The objective of the first semester studio is to introduce the students to the fundamentals of heritage and heritage sites through various training modules and through a studio exercise with a focus on documentation of heritage

The objective of the Second semester studio is to introduce the students to the problems and issues confronting historic heritage buildings and sites through an interdisciplinary approach, achieved by wherever possible, through a studio exercise.

The objective of the third semester studio is to introduce the students to a historic settlement/region; to understand the historic layering of the city/region and its values and meaning for the community.

Thesis study and topic should focus on conservation of heritage areas which are important in architectural merit, historic interests and cultural values. It should be structured to conserve these heritage areas, save them from ravage and encroachment and destruction

05 MODULES  
IN EACH SEMESTER

CRITICAL APPROACHES

DIAGNOSTIC TOOLS

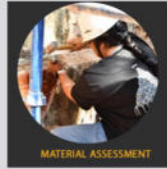
HERITAGE ASSESSMENT

THEORY & PRINCIPLES

STUDIOS

## CONSERVATION STUDIO -II AT MYSURU

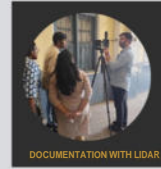
The second semester studio aimed to undertake a comprehensive conservation study and formulate a strategic intervention plan to revive the glory of the Attara Kacheri complex built in 1895 in Mysuru while retaining its historical integrity.



MATERIAL ASSESSMENT



SITE SURVEY



DOCUMENTATION WITH LIDAR

Case study and documentation of historic structures in Mysuru.

## HIGHLIGHTS

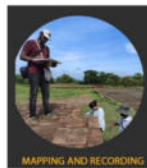
This course offers essential training for professional roles in the Heritage sector. You'll learn to understand all aspects of heritage management theory and practice, gain practical experience with heritage sector professionals, and develop knowledge and skills essential for careers in Heritage Conservation in India and abroad. Approaches, Diagnostic Tools (including Lidar and photogrammetry), Heritage Assessment, Theory and Principles, and Studio for practical experience. The course focuses on providing you with highly valued and transferable practical skills, knowledge and experience.

## CONSERVATION STUDIO III- ANDHRA PRADESH

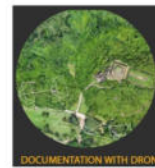
The third semester studio focused on the Cultural Landscape management approach for integration of heritage resource conservation and management into the planning framework at the regional, settlement, zonal and area scale.



ON SITE DOCUMENTATION



MAPPING AND RECORDING



DOCUMENTATION WITH DRONE

Cultural heritage documentation, condition mapping and conservation strategy



Central library

## STATE OF THE ART TECHNOLOGIES



DRONES



3D PRINTING



360 DEGREE CAMERAS



LIDAR SCANNER



Conservation lab

GIS lab

SPAV fosters a learning-centric environment that emphasizes social engagement, ecological sensitivity, and critical thinking in landscape planning and design, integrating studio work with site-based learning and field exposure. The program equips students with contemporary tools such as geoinformatics and digital analysis techniques, ensuring proficiency in current technologies essential for addressing complex landscape challenges.

Programme Coordinator- Ar. Narasimman R  
Head of the Department - Prof. Dr. Amitava Sarkar

## CORE FACULTIES

Prof. Dr. Ramesh Srikonda  
Prof. Dr. Venkata Krishna Kumar Sadhu  
Dr. Jagath Kumari D  
Dr. Prashanti Rao  
Ar. Narasimman R

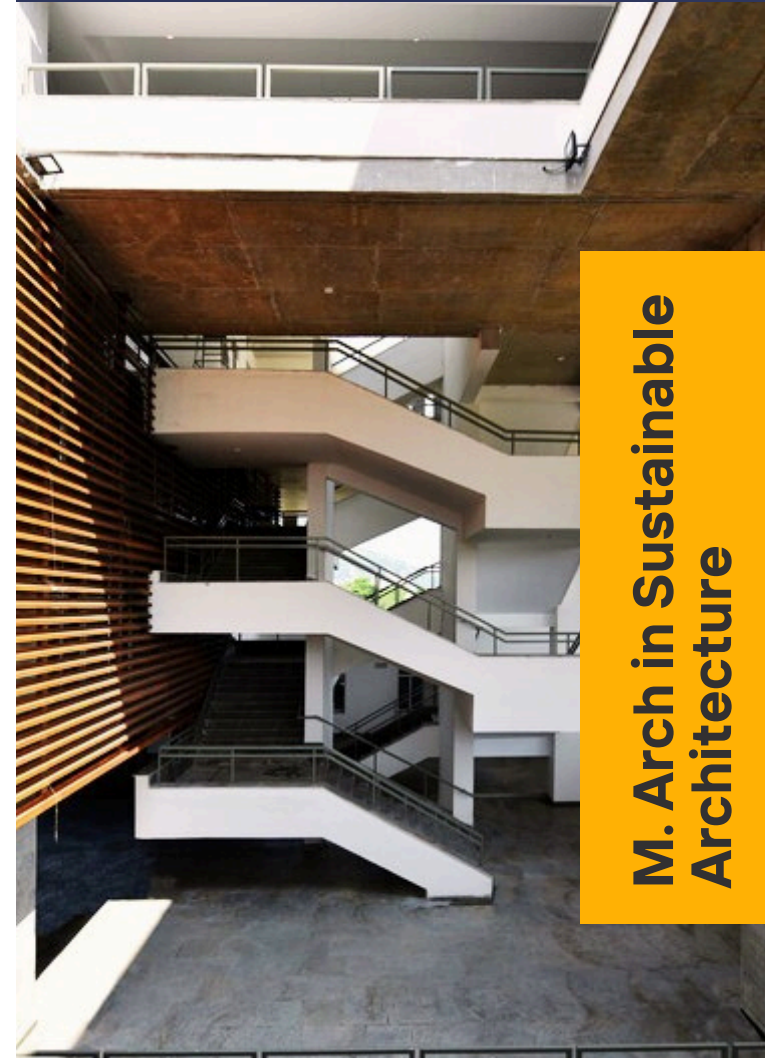
# TOP EMPLOYERS



The Sustainable Architecture program is designed to equip students with the knowledge and skills to integrate ecological principles into architectural practice, focusing on energy efficiency, sustainable materials, passive design strategies, and climate-responsive architecture. A curriculum allied with use of Climatology Lab, Environmental Monitoring Lab and Environmental Simulation Lab has been developed.



## SCHOOL OF PLANNING AND ARCHITECTURE, VIJAYAWADA



## M. Arch in Sustainable Architecture

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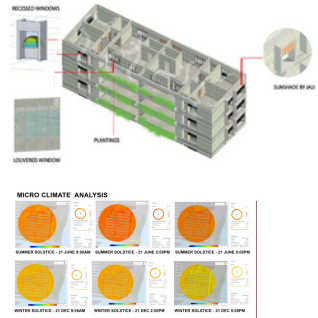
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# MODULES

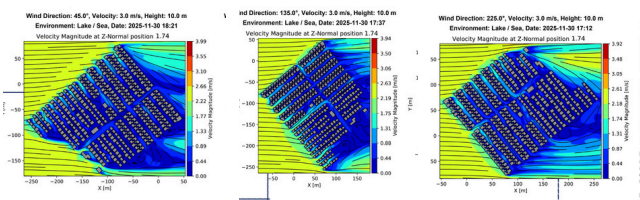
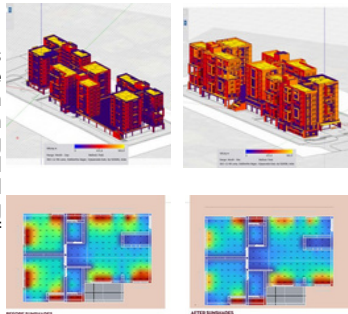
## Semester 1



Design Studio-I offers an in-depth exploration of climate elements and introduces 'Simple Passive Design Strategies', guiding students toward integrating passive design techniques into the architecture of a selected building typology within a specific climate zone.

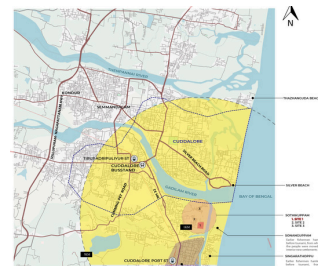
## Semester 2

Design Studio - II focuses on creating sustainable workspaces through advanced passive design strategies by analyzing climate at both micro and macro levels and quantifying the resulting energy requirements of the design.



## Semester 3

This design studio simulates housing in three LCZs using Environmental simulation tools to test strategies—albedo, vegetation, shading, street canyons, window-to-wall ratios, and roof types—to mitigate the Urban Heat Island effect and guide climate-responsive design and policy.



## Semester 4

Thesis  
Elective IV  
Building Information Modelling and Management

# WORKSHOPS & GUEST LECTURES



# INDUSTRIAL VISITS



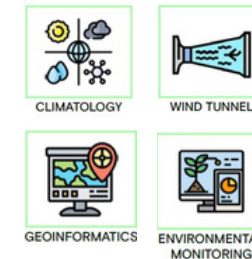
# HIGHLIGHTS

## Core Skills

**Research and Analysis** The course fosters research-based studies and design, encouraging students to interpret findings critically and develop strong analytical thinking skills. **Industry-Relevant Software Expertise** Students engage with industry-approved software, applying them to design exploration and research analysis throughout the course. **Green Building Rating Accreditations** Driven by a strong interest in sustainability, students are supported in earning certifications such as IGBC- AP, GRIHA, and LEED-GA.

**Head of the Department:** Prof. Dr. Amitava Sarkar

## Labs



## Core Faculty

**Programme Co-ordinator**  
Prof. Dr. Janmejoy Gupta

**Core Faculty**  
Prof. Dr. Iyer Vijayalaxmi Kasinath  
Prof. Dr. Lilly Rose A  
Prof. Dr. Janmejoy Gupta  
Prof. Dr. Amitava Sarkar  
Dr. Nagaraju Kaja  
Dr. Faiz Ahmed C  
Mr. Karthik Chadalavada  
Mr. Vijesh Kumar V

## Software Skills

