



MASTER OF BUILDING ENGINEERING AND MANAGEMENT



योजना तथा वास्तुकला विद्यालय, विजयवाड़ा
School of Planning and Architecture, Vijayawada
An Institute of National Importance, Ministry of Education Gov. of India

www.spav.ac.in

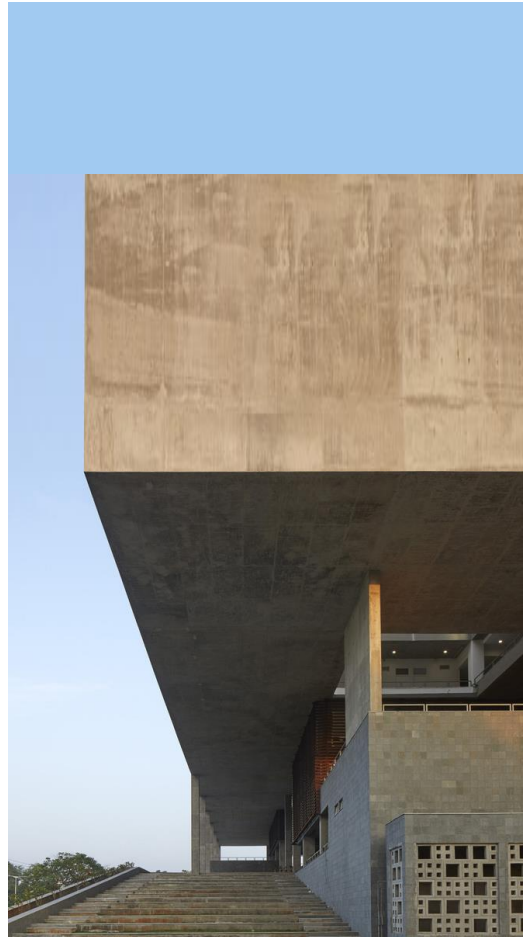
About

SPAV

School of Planning and Architecture, Vijayawada, (SPAV), was established on July 7, 2008 by the Ministry of Education (erstwhile known as Ministry of Human Resource Development), Government of India, as an autonomous institution. SPAV is one of the three institutes of national importance and is a premier Centrally Funded Technical Institution (CFTI) directly under the Ministry of Education, for excellence in the fields of Planning and Architecture.

The school has distinguished itself and has grown as a role model in the professional education offering undergraduate, post graduate and doctoral programmes in the fields of planning and architecture, while at the same time fostering quality research in these domains. Presently the School has two departments - Planning and Architecture.

The campus is green rated and is equipped with state-of-the-art infrastructure such as hostels, central library, ICT enabled teaching atmosphere, high end digital surveillance systems, modern laboratories, spacious studios, classrooms, open air theatres, auditorium, cafeteria, outdoor sports facilities, etc.



At SPA Vijayawada, academic degree programmes are designed to address physical, socio-economic and environmental challenges, so as to achieve future sustenance and hence, to cater to the specific needs of the industry and academics.

SPAV envisions "to achieve academic excellence in Architecture and Planning through innovating, creating, acquiring and disseminating knowledge using sustainable local and global practices and enhancing the quality of society through responsible built environment."



About MBEM



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



Director's

Profile



Prof. Dr. Ramesh Srikonda

Dr. Ramesh Srikonda was born on Aug 26th, 1960 in Andhra Pradesh, India. He has acquired his Bachelor's Degree in Architecture in 1982 in first class with distinction from JN Technological University, Hyderabad, AP. He has completed his Post-Graduation in Town and Country Planning from Anna University, Madras with a first class in the year 1984. He also holds Post Graduation Diploma in Ecology and Environment from 'Institute of Ecology and Environment', Delhi.

He has conducted an extensive research on "Energy Conservation Studies in Buildings through Components / Materials and Space Conditioning Options" in IIT Delhi, which is an essential area of his research for saving energy, conserving fossil fuels with due regard to Climate change and acquired Doctorate (Ph.D) from the IIT, Delhi. He joined the Central Government Service through UPSC – Central Architectural Services (CAS) in 1985 (Central PWD) and also rendered his professional services in various capacities such as Deputy Architect, Architect, Regional Architect, Senior Architect, Chief Architect and Director of Planning, Additional Charge as Director (Slum & JJ), to the Government of India.

He was instrumental in the conception of the Post Graduate Programme M.Arch (Sustainable Architecture) a unique programme in this part of country with contemporary relevance in the times of climate change and energy crises. He has published scores of technical papers in reputed International Journals and presented technical papers at various National and International conferences. He is also credited with bringing as well as leading several research and Consultancy projects including works for the Government of Andhra Pradesh through Institutional Consultancy Cell of SPA Vijayawada.



Our Core Faculty



**Dr. Uma Sankar
Basina**
Associate Professor



**Dr. Kranti Kumar
Myneni**
Assistant Professor



Dr. Nagaraju Kaja
Assistant Professor



Mr. Vijesh Kumar V
Assistant Professor



HoD

Dept. of Architecture
Associate Professor

Dr. Srinivas Daketi

Dr. Daketi Srinivas is a highly accomplished professional with a diverse background in Architecture, holding a Bachelor's degree in Architecture and a Master's in Planning with a specialization in Housing. Currently serving as the Associate Professor of Architecture at the School of Planning and Architecture, Vijayawada, Dr. Srinivas brings 17 years of comprehensive experience in teaching, practical work, and international projects, including his role as an Associate Professor in Eritrea under the United Nations Development Programme (UNDP).

Dr. Srinivas has made significant contributions to academia, participating in seminars, conferences, and workshops, presenting papers on topics ranging from cultural approaches to architecture to the impact of culture on rural built environments. With a strong academic record, a wealth of practical experience, and a commitment to ongoing research and development, Dr. Daketi Srinivas stands as a distinguished Head of the Department of Architecture at the SPAV.

Link: [Architecture Faculty SPA Vijayawada](#)



Course

Outline

EN VOYAGE:

The course is designed with a vision of uniting and strengthening the domains of Architecture, Civil Engineering and Management into an all-innovative Building Engineering and Management. The programs are consistently updated to reflect the latest initiatives.



RESEARCH AND INNOVATION ORIENTED PROGRAMME:

The curriculum encourages students to acquire knowledge in state-of-the-art construction techniques and other related aspects such as Materials, Construction Finance, Quality Management, Contracting, Safety and Legal Issues, Value Engineering, Project Planning, Human Resource Management, Advanced Technologies (BIM, Primavera, MS Projects), and Operational Research. It emphasizes the importance of today's construction needs for a rewarding management career in the infrastructure construction industry.

CURRICULUM PERTAINING TO THE INDUSTRY:

Guest lectures, workshops, and site visits are all featured in the MBEM curriculum in order to keep up with this growing industry. Some of the most prestigious professionals offer their grace to the department. Students must complete a Summer Internship to acquire valuable insights regarding the profession before embarking on their career.



State of the Art Curriculum



The Building Engineering and Management curriculum at the School of Planning & Architecture Vijayawada targets aspiring Architects and Civil Engineers, emphasizing project management. Encompassing project stages from inception to completion, it ensures comprehensive coverage of practical project management aspects.

The curriculum highlights key project management facets: Cost, Quality, Time and Safety, In the initial three semesters, students gain hands-on knowledge in schedule management, cost estimation, quality control,

procurement, contract and risk management equipping them with essential construction project management skills.

A summer internship augments learning, enabling students to apply knowledge in real-world scenarios. Guided by esteemed organizations. They enhance project management skills and grasp industry practices. The program fosters student-expert interactions through webinars, special lectures. and workshops bolstering comprehension and providing insights into industry trends.



Career

Prospects

The program equips students with a deep understanding of building technologies, sustainable practices, and efficient project delivery methodologies. Graduates are well-prepared to take on roles in construction involving project planning, execution, and monitoring, ensuring the timely and cost-effective completion of construction projects.

The school's emphasis on practical applications and industry collaborations enhances students' readiness for the demands of the field.

With the growing complexity of modern construction projects, the Master's program at the School of Planning and Architecture, Vijayawada, opens doors to a diverse range of opportunities within the dynamic and evolving realm of Building Engineering and Management.

Notable Hiring Organisations



JLL



Life at SPA V

The permanent campus of SPA Vijayawada is at the heart of Vijayawada city at ITI road and is approximately 10 acres, which hosts a set of iconic buildings with award winning designs that evolved in an environment friendly campus master plan. The campus accommodates the main iconic Academic and Administrative Block, the students residential blocks, and a dining cum guest house block. 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.



Life at SPAV



In addition, there are several well-equipped seminar rooms, smart lecture rooms, discussion rooms, board room and exhibition hall. These spaces are constantly in use to display student works, conduct juries, have industry-academia interface meetings, have campus placements, and hold training programmes and research meets.

The campus has an additional 2.66 acres land with green cover, which is in the process of being developed as an outdoor sports facility. The school has initiated to open its library, laboratories, and social spaces on weekends, as per demand, to ITI, Polytechnic and other institute in the vicinity as a gesture of social responsibility towards the region.



In SPAV, extra-curricular activities are important in campus life and there are ten cultural clubs, which contribute immensely to the vibrant campus. Each Club comprises of faculty coordinators and student committees guided by Secretary, Joint secretary, Coordinators, Co-Coordiators and volunteers. Clubs are as follows:-

1. Ritmo Club / Music
2. Tasveer Club / Photography
3. Monologue Club / Drama
4. Avante Garde Club / Fashion
5. Club-29 / Dance
6. Ground Zero Club
7. Aaira Club / Literary and Reading.
8. Club IO / Tech Club
9. Anaadyanta club / Heritage club
10. Club natura / Nature club



Life at MBEM



Primavera Workshop



Interactive lecture Sessions



Site Visits



Site Visit to RMC Plant



Internships

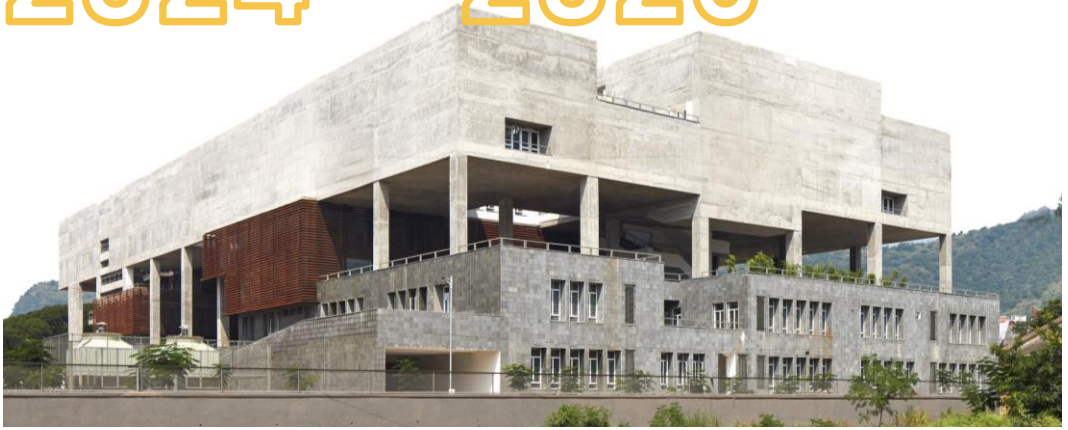


Felicitation on Teacher's Day



Admissions

2024 - 2025



PG Admissions

The admission to PG programmes at SPAV is partly through CCMT (conducted by MoE, Govt of India) and partly Direct Admissions (conducted by SPAV). Admissions for all seats of M.Design programmes starting in AY 2024-25 shall be based on Direct Admissions (conducted by SPAV). The details of eligibility, admission process, seat matrix, and fees are given in <https://spav.ac.in/spavadmissions.html>.

UG Admissions

The admission to all the seats of the Bachelor of Planning and Bachelor of Architecture courses is made on the basis of Central Seat Allocation Board (CSAB) and Joint Seat Allocation Authority (JOSAA), constituted by MoE, Govt of India. The students have to qualify the basic requirements as per CSAB and appear for JEE Mains Exams conducted by Govt of India. Admission of Foreign Nationals (FN) / Non-Resident Indians (NRI) and Person of Indian Origin (PIO) is made through DASA, a platform of admissions by the MoE, Govt of India. The details of eligibility, admission process, seat matrix, and fees are given in <https://spav.ac.in/spavadmissions.html>






Building Engineering and Management

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