

MEPM

DEPARTMENT OF PLANNING

ACADEMIC PROSPECTUS

MASTER OF PLANNING (ENVIRONMENTAL PLANNING AND MANAGEMENT)



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

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.

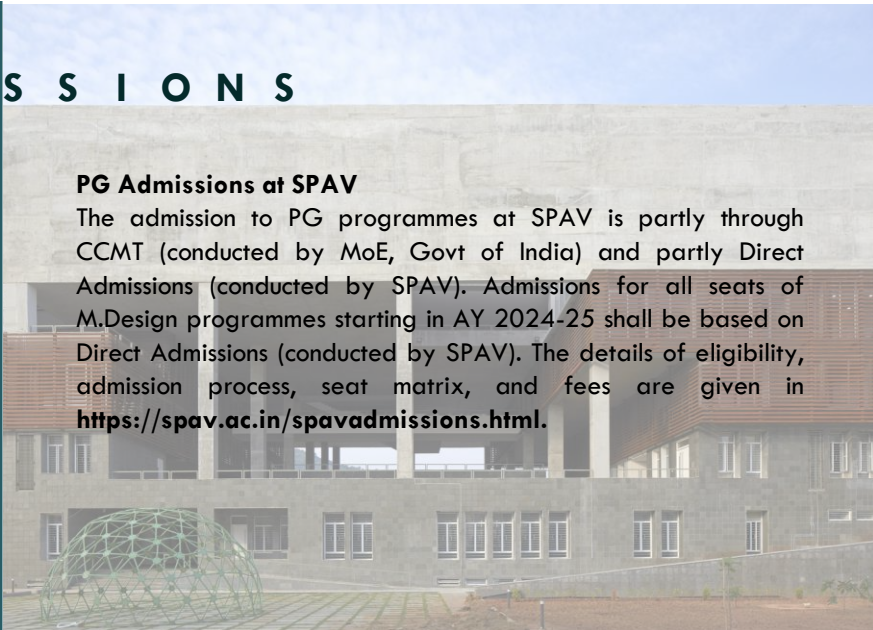
ABOUT SPAV

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."

A D M I S S I O N S

PG Admissions at SPAV

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>.



The Master of Planning (Environmental Planning & Management) (M.Plan) is a two-year full-time Master's degree program in Environmental Planning. It aims to equip students with skills to understand, analyze, and plan for urban and regional issues while maintaining ecological balance. The program is divided into four semesters, each with 30 credits. The first semester introduces fundamental aspects of planning, while the second semester focuses on core competencies in environmental planning, ecological footprint analysis, and waste water treatment. The third semester focuses on regional environmental planning issues and offers advanced theory courses. The fourth semester requires students to undertake a thesis/terminal project, focusing on academic or applied research, and two theory subjects on environmental justice and policy and governance.

Faculty Details: https://www.spav.ac.in/planning_faculty.html

COURSE STRUCTURE

FIRST SEMESTER (INTEGRATED)

- Area Planning Studio
- Planning Theories and Concepts
- Planning Techniques and Quantitative Methods
- Habitat and Environment Planning
- Infrastructure Planning
- Socio-Economic Dimensions in Planning

SECOND SEMESTER

- Urban Environmental Planning Studio
- Applications of Geoinformatics
- Environmental Monitoring & Assessment Tools
- Theory of Environmental Planning & Design
- Environmental Economics
- Socio-Economic Dimensions in Planning

Elective

- Ecological Footprints Analysis / Advanced Water and Wastewater Treatment / Planning for Healthy Cities
From other Master programmes (same semester)

SUMMER INTERNSHIP

THIRD SEMESTER

- Regional Environmental Planning Studio
- Research Methods
- Environmental Impact Assessment Techniques
- Project Planning & Management
- Energy Studies

Elective

- Human Settlements and Climate Change / Waste Management / From other Masters programme (same semester)

FOURTH SEMESTER

- Environmental Planning Thesis
- Environmental Justice and Professional Practice
- Environmental Law, Policy and Governance

STATE OF ART IN THE PROGRAMME

The Department of Planning at SPAV envisions the furthering of existing knowledge and creation of new frontiers in the field of 'Development and Planning' through providing enabling education and training, cutting edge research and professional consultancy in the region. Since 2008, the Department of Planning is involved in shaping young minds through quality education towards making them technically equipped, socially responsible and ethical professionals in the field of Planning.

The curriculum is designed in such a way that the students pursuing Masters Environmental Planning Management (MEPM) can take elective subjects from Master of Urban and Regional Planning and Master of Transportation and Infrastructure Planning (MTIP), which gives them diverse knowledge.

During the course, the students are trained to prepare integrated land use and Environmental plans, apply environmental planning techniques for natural resource baseline studies, detailed assessment of environmental status and impacts at a city level and regional level considering dimensions of planning, engineering and economics and will be provided with ample opportunities to interact with the subject experts, relevant organizations, etc. The course enables the students to gain real time experience through their involvement in the ongoing or live projects.

CONTENT OF SIGNIFICANCE

The department has two specialized labs for Environmental Planning. The GIS Lab that is furnished with thirty-five (35) top-of-the-line workstations running licensed GIS programs including ArcGIS Desktop, SPSS, ERDAS Imagine, and Imagine Photogrammetry, as well as softwares like GeoDa, Stella, and QGIS. The lab was set up with the goal of providing planning students with an understanding of geoinformatics and computing abilities related to relevant software, related scientific methods, and their relevance and applicability in the fields of urban, transportation and environmental planning. The Environmental Lab equipped with state of the art environmental pollution testing and monitoring equipment.

For the Post Graduate students, the department is setting up a systems dynamic lab with cutting-edge equipment.



DOMAINS WE FIT IN



ENVIRONMENTAL PLANNING



SUSTAINABLE DEVELOPMENT



SPATIAL ANALYSIS



CLIMATE RESILIENT PLANNING



URBAN AND REGIONAL PLANNING



ECO SYSTEM SERVICE VALUATION



DISASTER RISK & MITIGATION



NATURAL RESOURCE MANAGEMENT



HERITAGE & TOURISM PLANNING



RURAL DEVELOPMENT & COMMUNITY PLANNING



ENVIRONMENT AND SOCIAL GOVERNANCE



ENVIRONMENT IMPACT ASSESSMENT



ADVOCACY & PUBLIC POLICY REFORMS



INTEGRATED LAND USE & TRANSPORTATION



PROJECT VALUATION

The programme aims to produce specialists in environmental planning, preparing students to develop environmentally sensitive approaches and knowledge of state-of-the-art techniques. These planners are employed in various sectors, including environmental research institutes, government departments, development agencies, public policy organizations, NGOs, academics, and private firms.



CAREER PROSPECTS

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.

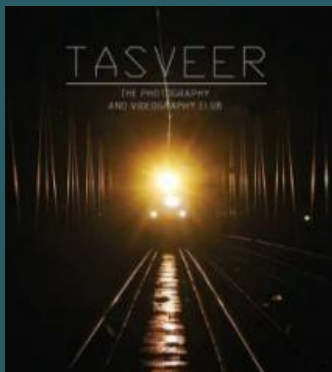
LIFE AT SPAV!



SPAV CLUBS

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- Coordinators 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 Club
8. Club IO / Tech Club
9. Anaadyanta club / Heritage club
10. Club natura / Nature club





CONTACT US

About College - <https://www.spav.ac.in/>

Programme Details - <https://www.spav.ac.in/mepm.html>

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