

ACADEMIC PROSPECTUS

MASTERS IN
URBAN AND REGIONAL PLANNING



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

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."

Department of Planning

Programmes of Study Offered

Bachelor's Degree Programmes

- B.Planning - Bachelor of Planning

Masters Degree Programmes M.Planning

- Master of Environmental Planning Management (MEPM)
- M.Planning - Master of Urban and Regional Planning (MURP)
- M.Planning - Master of Transportation and Infrastructure Planning (MTIP)

Doctoral Programme

- PhD- Doctoral Programme in Planning

Programme Description

Master of Planning (Urban & Regional Planning), abbreviated as M.Plan (URP), is a two year full time Master's degree programme offered in the department of planning aimed to equip the students with adequate skills required to comprehend urban and regional issues and to analyse physical, socio-economic, cultural, political and ecological dimensions of the human settlements. The course structure is designed to provide necessary exposure to various planning processes, emerging trends and other related advanced technical know-how. It intends to contribute towards the creation of professionals in the fields of Urban and Regional Planning, and hence to cater to the specific needs of the industry and academics.

During the course, the students will be provided with ample opportunities to interact with the subject experts, relevant organisations, etc. The course enables the students to gain real time experience through their involvement in the ongoing or live projects. The programme also include 6-8 weeks Internship that takes place during the summer Vacation.

Admission

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>



Programme Outline

M.Plan (URP) is a two-year course consisting of four semesters. The course structure and syllabus is designed in coherence with the Model Curriculum for M.Plan / M.Tech (Planning), All India Council for Technical Education, 2011. The course structure is a combination of various subjects, which includes studios, labs, theory, and field visits.

Semester 1

- Area Planning Studio
- Socio-Economic Planning
- Infrastructure Planning
- Habitat & Environmental Planning
- Planning Techniques and Quantitative Measure
- Planning Theories and Concepts

Semester 2

- Urban Planning Studio
- Land Economics and management
- City and Metropolitan planning
- Applications of Geoinformatics
- Urban and Regional Governance
- Smart Cities / Transport and Environmental Planning / Ecological Footprint

----- Summer Internship -----

Semester 3

- Regional Planning Studio
- Rural Planning and development
- Disaster preparedness and management
- Project Planning and management
- Advanced Research methods
- Planning legislations and professional practice

Semester 4

- Urban Planning Thesis
- Planning and Politics
- Development Finance

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 so that the students pursuing Masters in Urban and Regional Planning can take elective subjects from other Masters Programme in the Department and also outside the Institute, which gives them diverse knowledge.

During the course, the students are trained to prepare integrated land use and conduct detailed feasibility studies of different urban and regional planning projects considering dimensions of planning, engineering and economics and will be provided with ample opportunities to interact with the subject experts, relevant organisations, 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 a specialized lab for urban and regional planning 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.

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



Career Prospects

The programme is designed to enable the growth of the students into professionals in the field of both urban and regional planning. The students have broad opportunities to associate with government planning departments, urban local bodies, policy-research institutes, development and management organizations, academics etc. in both public and private entities and even NGOs.

DOMAINS STUDENTS FIT IN



CITY, METROPOLITAN & REGIONAL PLANNING



SUSTAINABLE PLANNING



SPATIAL ANALYSIS



INTEGRATED LAND USE & TRANSPORTATION



RURAL DEVELOPMENT & PLANNING



DISASTER RISK & MITIGATION



URBAN REGENERATION



PROJECT PLANNING & MANAGEMENT



HERITAGE & TOURISM PLANNING



HOUSING & REAL ESTATE



PROJECT VALUATION



LEGISLATION & DEVELOPMENT POLICIES



ADVOCACY & PUBLIC POLICY REFORMS



CLIMATE RESILIENT PLANNING



RESEARCH ANALYST



Life at SPAV

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.

LABS

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

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-Coordinator and volunteers.

CLUBS

- Ritmo Club / Music
- Tasveer Club / Photography
- Monologue Club / Drama
- Avante Garde Club / Fashion
- Club-29 / Dance
- Ground Zero Club
- Aaira Club / Literary & Reading Club
- Club IO / Tech Club
- Anaadyanta club / Heritage club
- Club natura / Nature club





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