



School of Planning and
Architecture, Vijayawada



ADMISSION BROCHURE

BACHELORS IN PLANNING

4 year course

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."



PROGRAMME DESCRIPTION

Bachelor of Planning is a four year full time Bachelors degree programme in Planning offered by Department of Planning, SPAV, which inculcate students about the fundamental aspects and specialised techniques of spatial planning in a comprehensive manner that ranges from neighbourhood to regional planning.

The curriculum is designed to impart basic skills related to settlement patterns, growth and design, that would help students later in their careers to serve in various professional capacities in planning, development and management agencies in the public sector as well as private consultancy organizations. The aim of the programme is multi-disciplinary in nature - drawing from the field of city planning, blending the knowledge from architecture, engineering, geography, economics, sociology, management, law, etc.

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>



Semester I

Computer Application in Planning
Introduction to Urban and Regional Planning
Quantitative Methods for Planning
Evolution of human settlements
Surveying and Photogrammetry
Graphic Studio

Semester II

Introduction to Geoinformatics
Population and Settlement Geography
Planning Project Estimation
Elements of Economics for Planning
Elements of Sociology for Planning
Planning and Mapping Studio

Semester V

1.Planning and Management of
Green and Open Spaces
2.Integrated Planning for Informal Sector
3.Development Planning and Management
4.Environmental Planning and Management
5.Planning Legislation
6.Area Development Planning Studio

Semester VI

1.Regional Planning
2.Planning Practice
3.Project Formulation and Appraisal
4.Freight Transport and Logistics
5.Tourism planning
6.Data analytics and programming
in planning
7.Master Plan Studio
6 weeks training

Semester III

1.Planning Techniques
2.Planning Theory
3.Planning for Physical Infrastructure
4.Traffic and Transportation Planning
5.Socio-Economic Structure and Spatial Planning
6.Built Environment and Site Planning Studio

Semester IV

1.Advanced geoinformatics
2.Contemporary Planning Theory
3.Civic and Social Infrastructure Planning
4.Urban Renewal and Redevelopment
5.Housing and Real Estate development
6.Transportation planning Studio
4 week training

Semester VII

1.Dissertation - Formulation of Research
Proposal
2.Metropolitan planning
3.Governance and Management
4.Urban finance
5.Planning for disaster management
6.Environmental Impact Assessment
7.Regional Planning and Development Studio

Semester VIII

Rural Planning and development
Water Sensitive Urban Development
Climate Change and Cities
Dissertation



CAREER PROSPECTS

After graduating, the students are recognized as qualified experts in the field of town and country planning. They are employed in the planning industry as researchers, practitioners, and planners. Following a two-year period of practical experience, the students receive accreditation as Associate Members from the Institute of Town Planners, India (ITPI), which is part of the Ministry of Urban Development, Government of India.



STATE OF ART IN THE PROGRAMME

The planning studio exercises progress from basic technical drawing to preparation of base maps, then to site planning and traffic and transportation planning. The fifth and sixth-semester focus on studios in urban contexts and application-oriented theories. In the seventh semester, the study scale deals at a regional level with theory subjects emphasizing governance and finance. The eighth semester is about conducting an independent scientific research – culminating all the knowledge and learnings from previous semesters - in the form of a thesis on a topic of interest to each student. During the study, the students also undergo Practical Professional Training. After completion of the fourth-semester students, are required to work with non-governmental organizations (NGOs), and after their sixth semester they work in planning, organizations in the public sector or private consultancy organizations.

The students are equipped with the knowledge of various software such as Geographic Information System (GIS), ERDAS Imagine, AutoCAD, and Microsoft office tools. Adequate emphasis is given to practical/lab-oriented design exercises, where the students have the opportunity to learn by doing.



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. The various labs in the campus include:

computer lab
Geoinformatics lab
art lab
landscape lab
Material testing lab
Surveying lab
Model making & Carpentry lab
climatology lab
conservation lab
environmental monitoring lab
Structural lab

THE HAPPENING CAMPUS LIFE OF 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-Coordinator 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



SPAV sports meet



INYAN - Avant Garde performance



Onam celebration



Avant Garde



Ganesh Chaturthi celebration



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



Academic Block -SPAV

CONTACT

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

Phone: 0866 2469 449
Telefax: 0866 2469 451

Dr. Prasanth Vardhan
Head, Department of Planning &
Associate Professor
Department of Planning
headplanning@spav.ac.in
prasanth@spav.ac.in
866 2469 462