

## **URBAN PLANNING SECTION**

The intent of this Programme is to educate the students in high level knowledge acceptable at global level enabling them to face field problems of urban and regional planning. The training reinforces them to pursue further academic achievements through research. This course is delivered using flexible teaching methods comprising studios, tutorials, theory and intensive field visits. The section is equipped with sufficient facilities for these purposes. To meet professional requirements, students are exposed to knowledge for practical perception of the techniques, applied in planning research. The area of decision-making is made stronger by the use of various software applications. Courses involved in curriculum are, Urban Planning Theory & Techniques, Urban Housing, Research Methodology, Sustainable Environmental planning, Innovation in urban infrastructure planning, Governance & management and Professional Project. The section has produced quality planners since 1987. The alumni students are functioning as consultants handling national and state problems. Many are absorbed in government sector also. The reflection of policy implementation can be visualized in sustainable development. However, some post-graduates of the institute opt to continue with doctoral studies. They focus on quality training in research. The section contributes sizable number of publications too. The post graduate section is vibrant in offering consultancy services also to various government agencies, through erudite faculty. The section is recognised by national professional body Institute of Town Planners of India (ITPI) and other planning schools.

### **PROGRAMME EDUCATIONAL OBJECTIVES**

- I. To develop strong understanding of fundamentals in urban and regional planning among the students.
- II. To provide technical knowledge to formulate, solve and analyse urban planning problems for research and development programmes suitable for Doctoral research to be recognised at a global level.
- III. To produce students with the necessary theoretical background, technical skills and knowledge of government policies to work professionally in the area of urban planning.
- IV. To prepare students for successful career and technical knowhow with the values and social concern to meet the requirements at National and International levels.
- V. To provide exposure to the students in emerging technologies, adequate training and opportunities to work on research problems with effective skills.
- VI. To train the students with effective communication skills and leadership to impart professional and ethical practices.

### **Program Outcomes (POs) :**

- a. Apply knowledge of statistics, social-science, architecture and civil engineering to urban planning problems.
- b. Identify, formulate, research literature and solve repetitive urban planning problems.
- c. Planning of various infrastructure meeting desired specifications and requirements for sustainable development.

- d. Explore inventory and surveyed data, interpret and analyze the information to provide conclusion.
- e. Select and use appropriate planning techniques and software tools to analyze urban planning problems with understanding of limitations.
- f. Assess local and global impact of societal issues on planning profession.
- g. Able to understand the impact of planning solutions on society and demonstrate the knowledge of, and need for sustainable development.
- h. Demonstrate their professional and ethical responsibilities.
- i. Able to function as a member or a leader on planning working group, as well as on multidisciplinary aspects.
- j. Communicate effectively both in verbal and written forms.
- k. Understand managerial principles for application to their work as a member and/ or leader in a team of planning projects.
- l. Adopt to transform by understanding the need of independent and life-long learning.

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