

COURSE DETAILS

A. Name of the Institute	Environment Protection Training and Research Institute (EPTRI), Hyderabad, Telangana
B. Name/title of the Course	Sustainable Urban Development - in French Language
C. Proposed Dates and Duration of the Course in weeks / months	From 01-12-2026 to 14-12-2026 Two (2) weeks
D. Eligibility Criteria for Participants 33. <i>Educational Qualification</i> 34. <i>Work Experience ,if any</i> 35. <i>Age Limit</i> 36. <i>Target group</i>	• Bachelor's Degree and above in Basic sciences/Social Sciences and Humanities/ Management and Engineering • Minimum of 2 years of experience • 25–45 years • Government officials from concerned departments, Practitioners, Academicians and Policy makers
E. Aims & Objectives of the Course	To strengthen participants' understanding and practical skills in planning, managing, and promoting sustainable urban development practices. The course will examine the principles and practices of sustainable cities and communities in the context of urban planning and the new urban agenda. This course will cover the Concepts, Frameworks, challenges and issues in e Urban Development and good governance. Objectives By the end of the training, participants will be able to: • Understand the principles and dimensions of Sustainable Urban Development • Analyze urban challenges related to climate change, infrastructure, and social inclusion • Apply sustainable planning tools and frameworks in urban contexts • Promote green infrastructure, sustainable mobility, and smart city approaches • Integrate SDGs (especially SDG 11: Sustainable Cities and Communities) into urban planning • Develop practical solutions for local urban sustainability issues
F. Details/Content of the Course	Course content over leaf
G. Mode of Evaluation of Performance of the ITEC Participant	• Individual and group work to evaluate the understanding of the issues under discussion and retain the acquired knowledge. • Mock exercises, Role play, Case studies, Individual presentations and other tasks will be proposed to the participants.
H.Name of the Department	Training Division, EPTRI

Sustainable Urban Development (SUD)

Rationale of the course:

Rapid urbanization has created significant challenges such as inadequate housing, traffic congestion, environmental degradation, climate risks, waste management issues, and social inequality. Sustainable Urban Development (SUD) promotes balanced growth by integrating environmental protection, economic viability, and social equity.

The two (2) week course will examine the principles and practices of sustainable development in the context of urban development.

The course is envisioned to give the participants:

- Provide a foundational analysis of urban sustainability through exploring the theoretical frameworks and global institutions for sustainability and sustainable development
- Explore thematic issues in urban environment such as climate change and disaster management, water and sanitation, waste management etc.
- Review best practices and lessons learnt on managing cities

Course Modules and Content:

Module 1: Introduction to Sustainable Urban Development

- Concepts and principles of SUD
- Urbanization trends and challenges
- Linkages with Sustainable Development Goals (SDGs)

Module 2: Urban Governance and Policy Frameworks

- Urban governance models
- National and global frameworks (SDG 11, New Urban Agenda, AMRUT, Smart Cities Mission)
- Role of local bodies and citizen participation

Module 3: Climate-Resilient Cities

- Urban climate risks and vulnerability
- Disaster risk reduction and adaptation strategies
- Nature-based solutions

Module 4: Sustainable Infrastructure and Mobility

- Green buildings and energy efficiency
- Sustainable transport systems
- Water-sensitive urban design

Module 5: Waste Management and Circular Economy

- Solid waste management systems
- Urban circular economy models
- Community-based sustainability practices

Module 6: Smart and Inclusive Cities

- Smart city concepts and technologies
- Digital tools for urban planning
- Social inclusion, equity, and affordable housing