

10- 14 MARCH 2025

About SPAV

School of Planning and Architecture, Vijayawada, (in short SPAV), was established on July 7, 2008 by the Ministry of Education (MoE), Government of India, as an autonomous institution. SPAV is a premier Centrally Funded Technical Institution (CFTI) directly under the MoE, for excellence in the fields of Planning and Architecture. The experienced faculty and guest lectures by eminent visiting faculty and industry experts from all over the country, the quality of education imparted and its focus on research puts SPAV in the league of leading institutes in the country.

Registration Details

Register Here



**Registration Deadline : 09 March,
2025 5.00 P.M.**

For registration, fees, more details visit

https://acupcb.spav.ac.in/capacity-building/cbp_24_03/

Programme Coordinators

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Capacity Building and Skill Enhancement Program

Organized by: acupcb.spav.ac.in

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Natural Resource Management for Climate Change Mitigation and Adaptation

About The Program

This Program underscores the critical significance of climate change as a global concern, emphasizing its profound implications for ecosystems, biodiversity, and natural resource management. Human-induced activities, particularly the release of greenhouse gases, are identified as the primary drivers of climate change, resulting in temperature variations, altered precipitation patterns, and increased frequency of extreme weather events. To address these challenges, this capacity building programme advocates for a dual approach—mitigation and adaptation.

Mitigation involves curbing greenhouse gas emissions, while adaptation focuses on building resilience to cope with inevitable impacts. The subsequent discussion delves into the extensive spectrum of natural resource management, encompassing activities like fishery, forestry, agriculture, water management, and biodiversity preservation. The narrative underscores the importance of integrating effective mitigation and adaptation measures within the context of natural resource management for long-term sustainable development.

This programme emphasizes the interconnectedness of ecosystems, climate, and human activities, stressing the imperative of a holistic approach to address the multifaceted impacts of climate change on natural resources. Further provides insights into the responses which demonstrate management commitment and sustained actions towards mitigation to climate change.

Program Structure

DAY 1

Introduction to Climate change

- Introduction to Climate Change
- Basic Understanding of Key Concepts
- Global, National and Sub-national level Challenges

DAY 2

Climate change Impacts on Natural Resources & eco systems

- Climate Change Impacts on different sectors
- Climate Change Vs Water/Agriculture/Livestock/ Forests Sectors
- Economics of Climate Change and Climate Finance

DAY 3

Strategies for climate change adaptation and mitigation

- Climate change Adaptation and Resilience
- Approaches and tools for integrated natural resources management
- Projects & Policy Scenario in Climate Change Adaptation & Mitigation

DAY 4

Responses for Climate change Resilience; case studies

- Efforts and options for Climate Change Mitigation and Adaptation
- Green building concepts & Renewable Energy related initiatives
- Conservation of Natural Resources & Management

DAY 5

Traditional wisdom for Natural Resource Management and a way forward

- Climate Change in the Indian Context
- Indian traditional Knowledge systems
- Nature-based solutions for sustainable resource management

Programme Relevance

This training programmes is aimed at enhancing the capacities of working professionals and mid-career urbanists, this is relevant to ULB's

- To understand the range of environmental and climate change and associated risks being faced by the cities under current and future carbon scenarios.
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- For improved awareness among local municipal officials and other stakeholders of the city and for the capacity building.
- To Identify opportunities and recent strategies for mitigating and managing effects of Climate change.
- To gain actionable insights in managing Natural resources by climate related issues.