

COURSE STRUCTURE



ONLINE TRAINING COURSE

Multi-sector Strategies for Clean Air Action in Cities of India

COURSE STREAM 1

Why is the air in cities polluted?

Module 1: Overview – The imperative of the National Clean Air Programme against the backdrop of urbanisation and industrialisation

Module 2: Strengthening of air quality monitoring, data analysis, pollution source assessment and information dissemination:

- ◆ Air quality monitoring and data analytics
- ◆ Enhanced strategies for air quality monitoring and dissemination, alternative method of monitoring, modelling and integration of results of the ongoing source apportionment and inventory studies with action plans among others.
- ◆ Pollution source assessment to understand and support clean air action plan
- ◆ Different techniques on modelling for prediction of source wise contribution to air quality
- ◆ Meteorology and air quality

Module 3: Governance framework for managing air quality

- ◆ National Clean Air Programme (NCAP) framework: Towards compliance and deterrence
- ◆ Framework for regional air quality improvement

Sector-wise action plan with intervention strategies for air pollution control

Module 4: Emission control from new and old vehicles to speed up change towards clean, decarbonised and zero emissions vehicles:

- ◆ Roadmap for stronger BS-VI regulations
- ◆ On road emission management strategies
- ◆ Fleet renewal and scrappage programme
- ◆ Roadmap of electric vehicles

Module 5: Mobility and transportation strategies to reduce emissions:

Strategies related to public transport reforms, multi-modal integration, walking and cycling, electric mobility and travel demand management measures like parking policy to address air pollution.

- ◆ Public transport strategies
- ◆ Walking, cycling and accessibility
- ◆ Parking strategy for demand management

Module 6: Pollution control strategies for industry and power plants:

Strategies needed for smart emissions monitoring of industries, industrial pollution load management, good practices in pollution management in small and medium scale units (including brick kilns), clean fuel strategy and implementation of emissions standards, controlling fugitive emissions among others.

- ◆ Strategies for the industry sector
- ◆ Strategies for power sector

Module 7: Reduction and management of waste and fugitive dust emissions: Strategies and system design for controlling pollution from construction and demolition waste, and from other waste streams to control waste burning.

- ◆ Construction and demolition waste
- ◆ Solid waste management