Course structure

This online training course will be conducted on the Moodle and Zoom platform through a variety of tools such as recorded video lectures, classroom exercises, reading materials and resources, audio/visual methods including short films and interviews, and interactions with key experts. The programme will cover the following:

Course dates

August 28 to September 10, 2021

Module 1: Understanding urban air pollution, public health and special challenge posed by the vehicle sector

Module 2: How vehicle technology roadmaps has evolved to reduce emissions from vehicles. What more is needed to control real world emissions.

Module 3: Strategies for on-road emissions management – current and new generation strategies for inspection and maintenance of vehicles and on-road emissions monitoring

Module 4: How electric vehicle programme can help

Module 5: Public transport strategies to reduce emissions with special focus on bus transport reforms

Module 6: Non-motorised transport strategies for zero-emissions mobility

Module 7: Urban planning, transport integration and compact urban form

Module 8: Restraint measures to reduce vehicle miles travelled – designing parking policy as a demand management measure and understanding global practices like congestion charging, low emissions zones etc

Who can apply?

- Government officials from different departments involved with transport sector policies and strategies
- Professionals and practitioners helping with strategy development in cities
- Academicians and researchers
- Students aiming to enrich curriculum and shaping careers in this sector

Course fee

Rs 3,500 for Indian participants
US $100 for International participants

For more information, please contact:
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Under the national clean air programme 122 cities are implementing clean air action plans to meet the target of reducing particulate pollution by 20-30 per cent by 2024. Transport sector emissions mitigation poses a special challenge as it requires complex set of strategies. This includes planning and implementation of emission management strategies, phase out of old vehicles and also zero emissions electric vehicle programmes. At the same time there is a need for urban planning strategies to reduce vehicle miles travelled and congestion to reduce real world emissions of vehicles. The programme will be designed to convey the interconnectedness of strategies needed to control vehicular pollution. It is aimed at giving practical skills that can be used in action. It is important to build capacity and a new cadre of professionals with greater regulatory, design, innovation and implementation skills for time-bound air quality improvement. It is important to build capacity and understanding for implementation of strategies to reduce vehicular emissions.

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