

# CHALLENGES AND DEVELOPMENTS IN AMBIENT AIR QUALITY MONITORING



**COURSE FEE (INR) : 750 + (GST 18%)-(Students) | 2,000 + (GST 18%)-(Professionals)**  
**REGISTRATION LINK : <https://forms.gle/NFGwBqqdjR1Y1BiF8>**

**COURSE DATE : 28<sup>th</sup> to 30<sup>th</sup> April 2021**  
**COURSE DURATION : 09 Hours (3 Hours / Day)**  
**TIMING : 02:00 PM – 05:00 PM IST**  
**LAST DATE TO APPLY : 25<sup>th</sup> April 2021**  
**COURSE PLATFORM : Online**



**CEPHA Network**  
Clean Environment | Clean Community



**ORGANIZED BY**

**IN ASSOCIATION WITH**

**THIS COURSE IS JOINTLY ORGANIZED BY ENVITRAN, IIT MADRAS, CEPHA AND ENVIROTECH**

**BACKGROUND:** Air pollution is a serious concern in India, which becomes even more severe during winter season in Northern parts of India. National Clean Air Programme (NCAP) and setting up Commission on Air Quality Management (CAQM) are indicative steps of corrective actions taken by regulatory bodies in national perspective. Ambient air quality (AAQ) monitoring acts as the preliminary step in identifying the root causes for critical air pollution events. Monitoring is a prerequisite before getting into the control measures as this process would help in identifying the appropriate hotspots that need to be given top priority in the control stages. Technical skills and quality control for monitoring air quality is of prime importance as it provides evidence on the current levels of contaminants and provides policy-makers with information on how to better manage air quality in their regions. It is time to evolve new ideas and bridge the varied experiences and proficiency of diverse research initiations/technical knowhow from industries to push forward the cause of better monitoring regime.

**THE COURSE INSTRUCTORS ARE IITM FACULTIES AND INDUSTRY EXPERTS**

## WHO CAN APPLY

Industry professionals, Students, Researchers, Academicians, Faculties, Regulatory bodies, etc.,

## BENEFITS


- Participants will be trained for concepts of ambient air quality monitoring.
- Understanding the key challenges in air quality monitoring.
- Understanding the principles of monitoring instruments.
- Trouble shooting of monitoring instruments in the field.
- QA/QC in air quality monitoring & techniques.

## COURSE CONTENTS

- Introduction to Ambient Air Quality Monitoring.
- Methods of Ambient Air Quality Monitoring.
- Selection of Monitoring stations.
- QA/QC in Ambient Air Quality Monitoring.
- Virtual demonstration of AAQ Monitoring instruments and principles of analysis.
- Advancements in Ambient Air Quality using Low Cost Sensors.

**PARTICIPATION CERTIFICATE WILL BE ISSUED ON SUCCESSFUL COMPLETION OF THE COURSE**

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