



# Advance Training Programme on Continuous Emission and Effluent Monitoring System

**COURSE LINK** <https://www.cseindia.org/advance-training-programme-on-continuous-emission-and-effluent-monitoring-system-10725>

Centre for Science and Environment is organising a 4-days certificate course on “Advance Training Programme on Continuous Emission and Effluent Monitoring System”. Continuous Emission Monitoring System (CEMS) and Continuous Effluent Quality Monitoring System (CEQMS) are mandatory for plants in 17 industrial sectors (classified under highly polluting industries) and for common pollution treatment facilities. In addition, grossly polluting industries (GPIs) need to install CEQMS.

## TARGET AUDIENCE

Environment professionals from industries, consultants, environmental laboratories, regulators, academia and others interested participants. This programme is only for participants from Delhi, Haryana, Uttar Pradesh, Rajasthan, Andhra Pradesh, West Bengal and Odisha.

## COURSE FEE

The course is not chargeable. CSE will bear the following expenses of shortlisted candidates: transportation of the participants (from CSE, New Delhi to Neemli and back), boarding and lodging (for 5 nights, from 27th April to 1st May, 2021), training cost and use of recreational facilities at AAETI. Considering the current COVID situation, every participant will get one well sanitized room with trained staff who follow safe practices. The AAETI campus have a safe and Hygienic environment with proper social distancing, guest and staff temperature check.

## Training Coordinator

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The real time data will become the basis for regulators to check compliance, in near future. It can also help industrial sectors/regulators in process optimization and taking timely corrective measures. Since CEMS and CEQMS are complex and expensive technologies, there are significant challenges and risks associated with its implementation. The major challenges include correct technology selection, installation, operation & maintenance and data handling. Data interpretation plays an important role in

## COURSE HIGHLIGHTS

- Pollution monitoring regulations in India and developed countries like US and Europe.
- PM, Gaseous CEMS and CEQMS Technology selection and correct installation.
- Operation and Maintenance of PM, Gaseous CEMS and CEQMS.
- Requirement and procedures of calibration for PM, Gaseous CEMS and CEQMS.
- Data acquisition, handling and reporting.
- Data interpretation, compliance check and improvement.
- How to conduct CEMS and CEQMS Audit.
- Audit Methodology and development of audit questionnaire.

**Course Venue-** Anil Agarwal Environment Training Institute (AAETI), Tijara (Rajasthan)

**Dates-** 26 May - 29 May 2021

**Last Date to Apply-** 18 May 2021

identifying issues related to data integrity. Therefore, thorough knowledge and skills relevant to CEMS regime, becomes most crucial factor for industries, regulators and other stakeholders. This programme will also lay focus on audit methodology, which ensures correct implementation of CEMS, certification, verification, accreditation of the system, technical acceptance through calibration, quality assurance, generating accurate, reliable and traceable data.

This programme is only for participants from Delhi, Haryana, Uttar Pradesh, Rajasthan, Andhra Pradesh, West Bengal and Odisha.

Note: Only shortlisted candidates will be informed

PARTICIPANTS WILL BE AWARDED WITH A "CERTIFICATE OF COMPLETION" ON SUCCESSFUL COMPLETION OF THE PROGRAMME