

# ANIL AGARWAL ENVIRONMENT TRAINING INSTITUTE AAETI

A Centre for Science and Environment initiative

## CERTIFICATE COURSE CEMS, CEQMS and Data Interpretation

**C**ontinuous 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 near future, the real time data will become the basis for regulators to check compliance. 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 challenges include correct technology selection, installation, operation

& maintenance and data handling. Data interpretation plays an important role in 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.

Centre for Science and Environment (CSE) recognizes this need and announces a 5-day certificate course on CEMS, CEQMS and Data interpretation for environment professionals. The training methodology includes technical classes by experts, group exercises, presentation, technology demonstration and hands-on experience.

### OPEN FOR

Professionals from industries, environmental laboratories and regulatory bodies.



#### THE KEY TAKEAWAYS

- Pollution monitoring regulations in India and developed countries like US, Europe.
- Continuous monitoring technologies- suitability and limitations.
- Correct installation, operation and maintenance of CEMS and CEQMS.
- Requirement and procedures of calibration.
- Hands-on experience – Isokinetic dust monitoring.
- Hands-on experience – Effluent quality monitoring.
- Correct ways of data acquisition, handling and reporting.
- Data interpretation, compliance check and improvement.
- Certificate of training will be awarded to the participants on course completion.



#### COURSE DURATION

**December 9-13, 2019**  
(Monday to Friday)



#### TIME

**09:30 am to 05:30 pm**



#### LAST DATE FOR RECEIVING APPLICATIONS

**22nd November 2019**



#### COURSE VENUE

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



#### COURSE FEES

The course is not chargeable. CSE will bear the following expenses: transportation of the participants (from CSE, New Delhi to Neemli and back), boarding and lodging (for 5 nights, from 8th December to 12th December, 2019), training cost and use of recreational facilities at AAETI.

## TO REGISTER

[shreya@cseindia.org](mailto:shreya@cseindia.org)



#### FOR MORE DETAILS, CONTACT

**Shreya Verma**

**Senior Research Associate- Industrial Pollution| Centre for Science and Environment**

Phone: 011-40616000 (Ext: 303) | Mobile- +91-8882084294 | Fax: 011-29955879