



Emergency Response Centre
M.P. POLLUTION CONTROL BOARD

Three-day State level Workshop on
ONLINE REAL-TIME ENVIRONMENTAL MONITORING TECHNOLOGY
04 - 06 July 2017

Venue : Auditorium, Lake Conservation Authority, Bhopal

PROGRAMME SCHEDULE

9.15 - 10.15 am		Registration
10.15 - 10.55 am		Inaugural Session
10.15 - 10.20 am	Welcome address	Shri R.S. Kori, Director (Env.), MPPCB, Bhopal
10.20 - 10.25 am	Opening remarks	Shri A.A. Mishra, Member Secretary, M.P. Pollution Control Board
10.25 - 10.35 am	Key note address	Shri Malay Shrivastava (IAS), Chairman, M.P. Pollution Control Board
10.35-10.50 am	Address by Chief Guest	Dr. Tejinder Singh, IFS APCCF, Head, Western Region, MoEF & CC, Gol
10.50 - 10.55 am	Vote of Thanks	Shri Sandeep Sarwan, ERC, M.P. Pollution Control Board, Bhopal
10.55 - 11.10 am	Tea break
		TECHNICAL SESSION I & DISCUSSION
11:10 - 11:30 am	1.	An overview on real-time monitoring status in Madhya Pradesh State by Dr. Rajendra Chaturvedi, Scientist, ERC, MPPCB
11:30 - 12:45 pm	2.	Fundamentals of Real-time Automated Monitoring Systems (RTAMS) by Shri Sanjeev K. Kanchan, CSE, New Delhi
12:45 - 14:00 pm	3.	Principles & Technologies involved in RTAMS By Shri Abhijit Pathank, Scientist, CPCB, Delhi
14:00 pm - 14.30 pm	 Lunch Break
		TECHNICAL SESSION II & DISCUSSION
14.30 pm - 15.45 pm	4.	Understanding on CEMS selection for Process and Sector Specific Industries by Shri Tejbir Singh, M/s ABB India Ltd.
15.45 pm - 17.00 pm	5.	Protocol for installation and Performance check of CEMS by Shri Abhijit Pathak, Scientist, CPCB, Delhi

Day – Two, 5th July 2017

TECHNICAL SESSION III & DISCUSSION

- | | |
|------------------|---|
| 10:00 – 11.15 am | 1. Calibration of Gaseous CEMS – Regulators' Perspective
by Shri Tejbir Singh, M/s ABB India Ltd. |
| 11:15 – 12.30 pm | 2. PM-CEMS : Technology options & Device Calibration
by Shri Sankar Kannan, M/s SICK India Pvt. Ltd. |
| 12:30 – 13:30 pm | 3. PM-CEMS : Regulators' Perspective
by Shri Sankar Kannan, M/s SICK India Pvt. Ltd. |
| 13:30 – 14:15 pm | Lunch Break |

TECHNICAL SESSION IV & DISCUSSION

- | | |
|------------------|---|
| 14:15 – 15:30 pm | 4. An Overview on Continuous Effluent
Quality Monitoring System (CEQMS)
by Shri Abhijit Pathak, Scientist, CPCB, Delhi |
| 15:30 – 16:15 pm | 5. Legal Framework and prescribed
Standard methods for real-time monitoring
by Shri Abhijit Pathak, Scientist, CPCB, Delhi. |
| 16:15 – 17:15 pm | 6. Visit to Environment Surveillance Centre |

Day – Three, 6th July 2017

TECHNICAL SESSION V & DISCUSSION

- | | |
|------------------|---|
| 10:00 – 11.30 am | 1. Understanding on CAAQMS Technology and
Calibration Procedures
by Shri Ramanjaneyulu Polu, M/s EOEPL, Hyderabad |
| 11:30 – 12.15 pm | 2. Quality Assurance Levels and Certification of RTAMS
by Shri Sanjeev K. Kanchan, CSE, New Delhi |
| 12:15 – 13:30 pm | 3. Data communication protocols and
Procedures for Data validation
by Shri Aditya Sharma, Scientist, CPCB, Delhi |
| 13:30 – 14:00 pm | Lunch Break |

TECHNICAL SESSION VI & VALEDICTION

- | | |
|------------------|--|
| 14:00 – 15:30 pm | 4. Data Tampering Threats and Counter Measures
by Shri Sudheesh Narayan,
M/s Knowledge Lens, Bangalore |
| 15:30 – 16:15 pm | 5. Indigenous and Globally accredited /
empanelled Laboratories
by Shri Sanjeev K. Kanchan, CSE, New Delhi |
| 16:15 – 17:15 pm | Panel Discussion / Valedictory function |