



TRAINING PROGRAM BY IWMA

@IWMA office 11th Oct-2017 between 9.30am and 5.30pm

Operation & Maintenance of ETP & STP systems

OBJECTIVES OF THE PROGRAMME!!

A one two day training on “**Operation & Maintenance of ETP & STP systems**” is organized to make members aware of Operation & Maintenance of ETP & STP , its treatment Systems , trouble shootings, effluent standards,disposal techniques, sludge handlings etc.

METHODOLOGY

- **Power point presentation**
- **Videos**
- **Case studies of ETP & STP Operations**
- **Group Exercise on Assessment of Performance of ETP / STP**
- **Quiz programme & Group Discussion**

BENEFITS

1. **Development of knowledge & skill for operation ETP/STP**
2. **Knowledge & Experience sharing for better understanding**
3. **Disposal methods**

TARGET AUDIENCE

Managers of ETP/STP operations, Supervisors handling ETP/STP Technicians, Field operators, Environment and Safety professionals

TOPICS

Water Pollution: An Overview

Sources of wastewater, generation in Domestic & industrial sector, Health Impact, prevention & Control measures, pollution control Acts & Rules etc

Characteristics of Wastewater

Physical, Chemical and Biological Parameters & their Significance in STP & ETP

Types of Treatment Systems

Primary, Secondary & Tertiary Treatment Process, Recycling process, Disposal Standards & Methods, ZLD system etc

ETP & STP Operation & Maintenance Techniques

Operation parameters, Norms Discharge Standards & Trouble Shooting, Group Exercise on Interpretation of Performance Data etc.

Sludge Utilization & Disposal Methods

Sludge Digestion Tank (Biogas Plant), Land application as Manure Dewatering or Sludge Drying Bed, Filter Press, Co processing in Cement Kilns, Disposal to TSDF site etc

*****Quiz programme & Group Discussion *****

FACULTY MEMBERS

***Mr. A. Manoharan,
Former Zonal Officer, CPCB***

*35 years of experience in Pollution Control activities in
CPCB*

PROGRAM DETAILS

DATE 11.10.2017 (9.30 AM To 5.30 PM)

***VENUE
Classroom session AT***

***INDUSTRIAL WASTE MANAGEMENT
ASSOCIATION***

*New No. 34, (Old No. 70) First Floor, Brindavan
Street, West Mambalam
Chennai- 600 33
Ph: 044-4552265*

PARTICIPATION FEES

- *IWMA Members - Rs.1000 /- per participant
(Non-Transferable)*
- *Non-Members – Rs 1500/- per participant
(Non-Transferable)*

NUMBER OF PARTICIPANTS

- ✓ *Total no of participants limited to 25*
- ✓ *Based on first come first serve basis*
- ✓ *Two participants per organization*

REGISTRATION METHOD

*E-Mail the details of participant(s) like name, designation, contact
details, along with IWMA Membership*

number for confirmation to:

technical@iwma.in

Once confirmed, send Registration form & Cheque / DD to:

***New No 34, (Old No. 70), First Floor,
Brindavan Street, West Mambalam
Chennai- 600 033***

Last date for Registration through

Mail: 20.06.2017

REGISTRATION FORM

INDUSTRIAL WASTE MANAGEMENT ASSOCIATION TRAINING PROGRAM



Participants' details

Name:

Designation:

Organization:

Membership no:

Address:

City and pin code:

Email and phone:

The cheque / DD for Rs.-----in favour of IWMA,

Ashok Nagar, payable at Chennai.