

Civil Engineering Department

*Two Days Workshop on "RECENT ADVANCEMENT IN ENVIRONMENTAL
ENGINEERING - RAEE 2017"*

Dates: 20th and 21st March 2017



CHIEF PATRON
Dr. Dinesh R. Shah

CHIEF PATRON
Dr. Navin C. Shah

CONVENOR
Mr. Kamlesh N. Gandhi

COORINATOR
Mr. Parth Tandel
Miss. Nikahat Samnani
Miss. Helly Mehta

ORGANIZING MEMBERS
Mr. Mehul Patel
Ms. Maitri Shah
Ms. Dimple Desa:
Ms. Unnati Bhagat
Ms. Nikita Patel
Ms, Runali Chheda

Inaugural Function
DATE: 20th March, 2017, Monday
TIME 9:30 am to 10:15 am
VENUE: Manjula Hall

SCHEDULE

Day I: 20th March 2017 (Monday)

- 08:30 am – 09:30 am *Breakfast and Registration*
- 09:30 am – 10:00 am *Inaugural Function and Group Photo*
- 10:00am– 12:00 am *Session I (Mr.Nihar Doctor)*
“Basics of Effluent Treatment Plant, Various Treatment options and Disposal norms”
- 12:00 pm – 12:30 pm *Lunch*
- 12:30pm – 01:30 pm *Session II (Dr. Minakshi Vaghani)*
“Evaluation of Environmental Management System in Industry”
- 01:30 pm – 3:30 pm *Session III (Dr. K.D. Yadav)*
“Solid Waste Management”

Day II: 21st March 2017 (Tuesday)

Morning Session (9 am – 11:30 am)

Batch 1 :Site visit at Bamroli Waste Water Treatment Plant

Batch 2: Site visit at Sarthana Water Treatment Plant

Lunch

Afternoon Session (1:30 pm – 4:00 pm)

Batch 1 : Site visit at Sarthana Water Treatment Plant

Batch 2: Site visit at Bamroli Waste Water Treatment Plant

Session Wise Course Content of RAEE- 2017

Total 3 sessions were carried out by the mentioned experts whose lectures are been summarized as follows:

Day I: 20th March, 2017

Session I: Mr.Nihar Doctor on “Basics of Effluent Treatment Plant, Various Treatment options and Disposal norms.”

The first session started with the basic study of Effluent Treatment Plant. This session covered the various units that are required for an ETP; also the design norms and consideration that are to be taken into account at time of designing an ETP were discussed. As the speaker being from field person shared the on field construction methodology and also the issues that were faced at that time. This session created a rough idea about the treatment plants to students that helped them for next day field visit. Also students queries were solved.

Session II: Dr. Minakshi Vaghani on “Evaluation of Environmental Management System in Industry”

This session carried out the process involved in environmental management system. Also the methods that are involved in the 3 types of monitoring i.e. Water, Air and Soil Monitoring. The expert also shared the live examples of her auditing work and the illegal means that the exiting industries are doing w.r.t environmental management. Instrumentation that is required for particular type of monitoring were discussed and explained. Brief idea about the auditing work was given to students.

Session III: Dr. K.D Yadav on “Solid Waste Management”

As the solid waste crisis are increasing day by day the negative impact due to it are also increasing. So as to make aware about the demerits of improper management of solid waste this session was arranged and also this would help out the students even to carry out further some project work in this aspect. The session basically included the discussion of characteristic of solid waste, types of solid waste, disposal methods, and also the transferring process of waste from its generation point to final disposal. Live examples of the same were shared with the students.

Day II: 21st March, 2017

Field Visit

On the second day of workshop field visit was arranged for the students so as to get on filed exposure to the theory that they learned from the Session 1 on previous day. Visit was arranged at the Sarthana Water Treatment Plant, Surat and Bamroli Wastewater Treatment Plant, Surat. Students visited both the plants and understood the design of units, on field problems, working of units as well as maintenance of particular plants.

Inaugural Function



Session Time



Visit Gallery



At Bamroli Wastwater Treatment Plant



At Sarthana Water Treatment Plant