

## TRAINING REPORT

### “Collection, Storage, Handling and Disposal of Plastic Wastes”

**Trainee:** Mrs Mahima T  
Scientist C, Zonal Office, Bengaluru

The u/s was nominated for three days residential training programme on “Collection, Storage, Handling and Disposal of Plastic Wastes” during August 31 to September 02, 2015 at Central Institute of Plastics Engineering & Technology (CIPET), Chennai. The training Programme comprised of nine presentations, practical demonstration and field visits to MSW management sites. Few of the presentations were vague and mainly focused on promoting plastics rather than addressing the plastic menace. The field visits were not well planned and the plastic processing unit was not in operation at the time of visit.

Topic	Name of the faculty	Observations
Plastic Materials- Applications	Mr. N. Mohan Kumar	General overview of various plastic materials and its applications.
Plastics Processing Techniques- an overview	Mr. M. Peer Mohammed	Mainly focused on different plastic manufacturing techniques and limitation of each manufacturing process but did not deal with the pollution arising from the manufacturing processes.
Applications of Recycled Plastics	Dr. K. P. Bhuvana	Different methods of plastic recycling, plastic roads, pyrolysis and gasification etc were explained. The Power and fuel from plastic wastes was well elaborated.
Plastics waste Management- Technological options and Key issues, Environmental Legislation, and CIPET initiatives	Mr. S. Sugumar	Environmental laws related to plastic management.
Codification for Recyclable	Mr. D. Baskaran	Different codes of plastics and their

plastics and identification of plastic wastes by simple methods		significance. This helps in selection of suitable plastic containers for storing food etc.
Identification of plastics by simple methods	Mr. D. Baskaran	The presentation focused on identification of plastics by simple and instrumentation methods at recyclers end. It also explained different tests to identify the plastics.
Waste Management of E-waste plastics	Mr. P. Parthasarthy	Environmental benefits of recycling, de-manufacturing of E-waste plastics, Sustainable recycling, Solutions for E-waste
Plastics Waste management-challenges & opportunities	Mrs. Mangalam Balasubramaniam	Citizens responsibility for segregation at source, Recycling vs upcycling. Waste as a resource
Waste to Wealth from PET bottle recycling	Mr. K. Shankar	Recycling and applications of recycled PET bottles. case studies
Plastics Waste Management-Indian perspective	Mr. M. Navaneethan	Issues related to plastic management like littering, poor citizens involvement etc.

The presentations were made by eminent professors but few of the topics were irrelevant to the subject. Overall the training was informative and benefitted the participants. Issues like cleaner technologies in plastic manufacturing and innovative solutions to plastic problem could be addressed.

21-09-2015

**Mahima T  
Scientist-C**



**CENTRAL POLLUTION CONTROL BOARD, SOUTH ZONAL OFFICE**  
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F. No. Admin/31/Trg/ZOB/2015-16

September 21, 2015

To

The In charge  
Environmental Training Unit  
Central Pollution Control Board  
‘Parivesh Bhawan’  
East Arjun Nagar, Shadhara  
Delhi-110 032

**Sub: Report on the training Programme on “Collection, Storage, Handling and Disposal of Plastic Wastes” at CIPET Chennai.**

Sir,

The competent Authority of CPCB vide order No. F. No.B-13011/CIPET/ETU/2007/ dated 26.08.2015, nominated Smt. Mahima T, Sc-C of this office to three days residential training programme at CIPET, Chennai during August 31 to September 02, 2015. In this connection, please find enclosed a report on the training programme for kind perusal pl.

Yours faithfully

(S. Suresh )  
Zonal Officer

Encl: As above

