



GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF SCIENCE, TECHNOLOGY AND ENVIRONMENT
PUDUCHERRY POLLUTION CONTROL COMMITTEE
Puducherry EIACP PC HUB

Report

Group training on “*Segregation of Municipal Solid Waste*” to
Swachhtha Corporation Workers held on 24.08.2023 at 12.00 Noon
in the Community Hall, Boomiyampet, Puducherry.

Introduction

Department of Science and Technology, Puducherry Pollution Control Committee in incoordination with Pondicherry Municipality, Oulgaret Municipality, Keep Namma Pondy Clean NGO and Swachhtha Corporation organised the Science, Technology & Environment Climate Change – Capacity Building Group Training programme. The objective of this initiative is to promote sustainable practices and raise awareness among waste professionals in order to protect and preserve the environment, specifically by focusing on source segregation during waste collection.

Training Overview:

Solid Waste Management Induction Training program was conducted for the waste professionals of Municipalities. The training aimed to impart soft skills and educate the 82 waste professionals about the importance of source segregation and sustainable waste management practices. The training was divided into multiple sessions and targeted different groups of waste professionals. The entire event was a 'Zero Waste Event' organised with No single use water bottles or plates. The wastes generated were responsibly source segregated. Delicious Veg buffet was arranged by the Dept of Science and Technology.

Participants:

Thiru. Suresh Commissioner, Oulgaret Municipality as joined Chief Guest and Thiru. Mr.Jaishankar - MHO, Mr.Anoop - Swachatha GM, Mr.Joseph - Swachatha AGM, Swachatha Supervisor – Manivelu was participated. Commissioner, Oulgaret Municipality has expressed his gratitude to Department of Science, Technology and Environment and Puducherry Pollution Control Committee to taking this type of awareness training to protect the environment

J. Nithiya, Programme Officer, EIACP, PPCC welcomed the Officials, Stakeholder and Namma Pondy clean NGO staffs.



J. Jayakumar, CMC, PCZMA, DSTE has said LiFE Mission introduced by Shri Narendra Modi in Glasgow, Scotland on Oct- Nov, 2021 and The idea promotes an environmentally conscious lifestyle that focuses on 'mindful and deliberate utilization' instead of 'mindless and wasteful consumption'.

Mission LiFE was launched at Ekta Nagar (Narmada District, Gujarat, India) by Prime Minister of India, on **20 October 2022**, in the presence of United Nations Secretary General. Also he mentioned our Hon'ble Prime Minister said LiFE means **"Lifestyle for Today**

Environment”., there is a need for all of us to come together and take Lifestyle for Environment (LiFE) forward as a campaign. This can become a mass movement towards an environmentally conscious lifestyle.



SEVEN IDEA TO CONSEVRE OUR ENVIRIONMENT



Expert Member Tmt. Kayathri, President, Keep Namma Pondy Clean, Puducherry said segregation refers to the process of separation of municipal solid waste into four groups i.e., organic, inorganic, recyclables and hazardous wastes.



Waste must be separated into different fractions referred to as primary segregation. The segregation must be linked to primary waste collection from the streets. The waste fractions into which it must be sorted in detail should be based on waste characterisation, urban local body capacity and facilities, and other framework factors.

It is a critical requirement since it enables recycling, reuse, treatment and scientific disposal of different components of waste. Sorting/segregation shall take place at different levels such as source/household level.



Segregate waste into different streams such as dry recyclables, biodegradable waste, C&D waste, hazardous waste, etc., to minimise waste and ensure reduction in landfill space for final disposal besides ensuring appropriate processing.

Sustainable Waste Management:

- Overview of the challenges posed by improper waste management
- Introduction to the concept of sustainable waste management practices
- Benefits of source segregation and its impact on the environment

Source Segregation:

- Importance of source segregation in waste management
- Types of waste and their proper segregation methods
- Demonstration of practical segregation techniques
- Discussion on the benefits of source-segregated waste collection

Communication and Soft Skills:

- Effective methods of communication
- Developing interpersonal skills for interacting with the public
- Strategies for encouraging community participation in waste management

Environmental Protection and Health Safety:

- Understanding the environmental impact of waste mismanagement
- Introduction to occupational health and safety measures
- Guidelines for personal protective equipment (PPE) usage

Thiru. Goutham , Keep Namma Pondy Clean, Puducherry explain Training Methodology:

The training sessions were delivered through a combination of games, interactive discussions, practical demonstrations, and hands-on activities. The participants were encouraged to ask questions and actively engaged in the training to enhance their understanding and ensure effective knowledge transfer.





He said there are two types of waste collection services: primary and secondary.

Primary collection is the process of collecting waste from homes, markets, institutions, and other business entities and transporting it to a storage depot, transfer station, or disposal site, depending on the size of the city and the waste management system in place. It must be implemented in both small and large cities.

Secondary collection involves collecting waste from community bins, waste storage depots, and transfer stations and transporting it to waste processing facilities or final disposal facilities. These systems are required in all cities and towns for sanitation. To avoid overflowing containers and waste littering on the streets, a well-synchronized primary and secondary collection and transportation system is required. Furthermore, the transport vehicle should not only be capable of transporting segregated waste, but also be compatible with the waste storage depot's equipment design to avoid multiple waste processing.

Training Outcomes:

The Solid Waste Management Induction Training achieved the following outcomes:

- Enhanced understanding of sustainable waste management among the waste professionals.
- Increased awareness of the importance of source segregation and its positive impacts
- Improved communication and soft skills for effective interaction with the public
- Heightened awareness of occupational health and safety measures.

In this said training programme 100 Swachatha Corporation Workers has along with Officials of PPCC, PCCC and Municipality Staff was participated in the training programme.

Tmt. R. Thenmozhi, Senior Project Associate, Puducherry Climate Change, PCCC, DSTE has requested to all take pledge on Life style for Environment and concluded the group training with vote of thanks.





Lunch was provided to all the participants.
