

Parsivementh Charitable Trust's A P SITIATI INSTITUTED OF INDICATION (Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai) (Religious Jain Minority)

DEPARTMENT OF CIVIL ENGINEERING

EXPERT LECTURE REPORT ON

Treatment Options for Managing Municipal Solid Waste in India

VENUE: - A.P. Shah Institute of Technology (Online mode)

EXPERT LECTURE DATE: - 21-08-2022

AUDIENCE: - Final Year Civil Engineering (DLO) Students and Interested Faculties

EXPERT SPEAKER: - Dr. Sudha Goel, Associate Professor, IIT Kharagpur.

ORGANISED BY: - Civil Engineering Department

FACULTY CO-ORDINATOR: - Prof. Mrunal Joshi

TOTAL STUDENTS AND FACULTIES ATTENDED: - 55

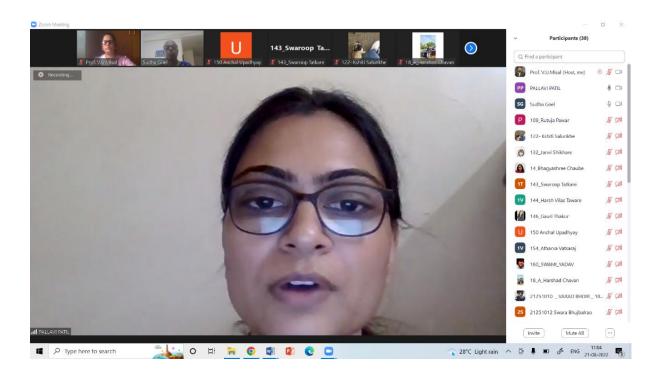
Now a day's solid waste management is becoming a problem of great concern because of huge quantities of waste generated. Proper treatment and disposal of waste is very much important from public health point of view and maintaining sanitation in community. This expert lecture was arranged to give insight to the students related to various treatment options available for managing solid wastes in India. In expert lecture mam have highlighted various simple methods or techniques that can be implemented for better waste management.

Dr. Sudha Goel madam had started her lecture by giving the overview of solid waste management system by functional elements of it. She had added the knowledge of students by sharing major gaps and highlighted the status of MSW management. She had described the various treatment facilities available, feasibility of treatment processes and the best available technology.

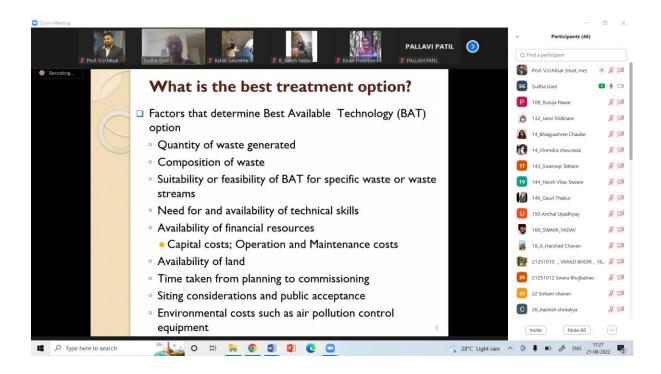
She emphasised more on segregation of waste at treatment plant for proper waste treatment and to have maximum efficiency of treatment. The speaker has also provided the information about pilot waste treatment plant at IIT Kharagpur campus and case study of Uttarpara composting plant and Baidyabati MSW Landfill site at Utter Pradesh. Madam has explained Cluster Approach for managing the rural solid waste very nicely and told that that is the best option to manage the waste from rural areas. At the end of the session she provided the information about Hazardous waste and its effects on human and surrounding.

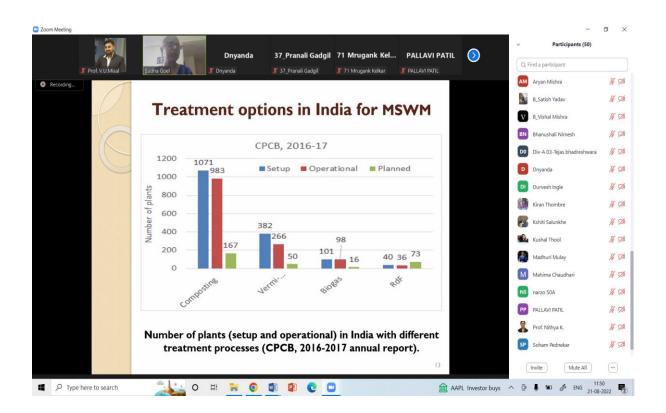
The topic was covered in a systematic manner. The lecture ended with question and answer session and vote of thanks.

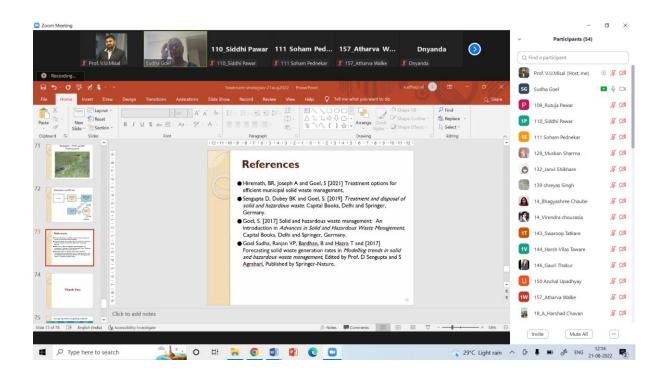
A few Glimpses of the lecture













Mapping with Program Outcomes:

POs satisfied are PO1, PO6, PO7, PO8 and PO12