



SATHYABAMA

Institute of Science and Technology

Centre for Waste Management

Centre of Excellence for Energy Research

jointly with

WasmanPro Environmental Solutions

organize



One Day Hands on Training cum Workshop on Food Waste Utilization for biogas production

Date : 16/06/2023

Venue: CWM, IRC



Centre for Waste Management, Centre of Excellence for Energy Research was established with a vision to develop new ideas and technologies towards achieving cleaner, greener and sustainable environment. The Centre since its inception in 2011 has been involving in research leading to innovative products, developing patent liable novel ideas in Waste Management, publishing the experimental outcomes in indexed/peer reviewed journals, training graduate/research students, offering consultancy services with the facilities available and involves in several outreach activities so as to disseminate and demonstrate the research findings for societal benefits. as a waste management measure a one-tonne capacity bio-gas plant has been established at the Sathyabama Institute of Science and Technology, to digest anaerobically the enormous quantity of food waste generated daily from the mess that caters to more than 10,000 inmates per day. This green initiative reduces the entry of several tonnes of food waste into the landfills and thus contributes to the reduction of institutional carbon footprints. The one-day training will help the participants get an introduction to the mechanisms by which food waste can be effectively converted into biogas.

Highlights

- Demonstration of Collection, Segregation, and Feeding of Food Waste in to the Digester.
- Operation of Biogas Plant and Fuel Storage.
- Analysis of Biogas Plant Sludge (pH, Alkalinity, VFA) for evaluation of Anaerobic Digester Stability.

Patrons

Dr. Mariazeena Johnson, Chancellor
Dr. Marie Johnson, President
Mr. J. Arul Selvan, Vice president
Ms. Maria Bernadatte Tamilarasi, Vice President
Ms. Maria Catherine Jayapriya, Vice president
Dr. T. Sasipraba, Vice Chancellor

For Registration: [Click Here](#)

Registration fees

Students and Scholars : Rs.750/-
Academician : Rs.1000/-
Industrial person : Rs.2500/-

Contact us

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Organizing Secretary

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Conveners

Mr. J. Jayakanth, Project Assistant
Mr. A. Santhosh, Project Coordinator

Co-Conveners

Dr. J. Arun, Assistant professor (Research)
Dr. N. Nirmala, Assistant professor (Research)
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