



# 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 : 22/07/2023**

**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

Dr. Dawn S S, Professor (Research)

### 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)  
Dr. M. Sivasakthi, Assistant professor (Research)  
Dr. P. Priyadharsini, Scientific Assistant  
Ms. A. Bhuvaneshwari, Project Assistant  
Mr. S. Sanjay Kumar, Project Assistant