



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)



CENTRE FOR WASTE MANAGEMENT & CENTRE OF EXCELLENCE FOR ENERGY RESEARCH

One-day Training cum Workshop on Biomass Proximate Analysis and its Valorisation using Hydrothermal Reactor

Date: 17/06/2023



About the centre

The Centre for Waste Management and the Centre of Excellence for Energy Research were founded with the goal of developing new ideas and technologies to achieve a cleaner, greener and sustainable environment. Since its inception in 2011, the Centre has been involved in research leading to innovative products, developing patent-liable novel ideas in Waste Management, publishing the experimental results in indexed/peer reviewed journals, training graduate/research students, offering consultancy services with the facilities available, and engaging in several outreach activities to disseminate and demonstrate the research findings for the benefit of society.

About the programme

Waste is a valuable resource for recovery of various value-added products. Energy engineering is the emerging discipline for achieving negative carbon emission. Environmental engineering aims to provide clean water, air and land for better living as per sustainable development goals (SDGs). This training program provides an opportunity to understand the various source points for the generation of waste, characterize the waste by proximate analysis and divert it for energy recovery using hydrothermal reactor as a prioritizing measure to prevent environmental deterioration. Proximate analysis and HTL can be used to characterize and process all type of wastes such as agriculture, algae, sewage, municipal and forest residues.

We offer consultancy services for biomass characterization, GC, bio fuels production and AAS

Location:

International Research Centre,
Fermentation and bioprocessing lab, 3rd floor

To register:

<https://docs.google.com/forms/d/18ALgK86sHi9YmNq4KAcyt5plnrI65XuE0jmRcT0qJC0/edit>
Registration Fee : Rs. 750
GPay Number : 9442435421

To Know about us

Website

<https://www.centreforwastemanagement.com>

Youtube

<https://www.youtube.com/channel/UCxBcv3nd9oXoNqJfBVRu9wg>

Patrons

Dr. Mariazeena Johnson, Chancellor
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Organizing secretary

Dr. Dawn S S, Professor (Research)

Conveners

Dr. P. Priyadharsini, Scientific Assistant
Dr. J. Arun, Assistant Professor (Research)
Dr. N. Nirmala, Assistant Professor (Research)
Dr. Sivasakthi. M, Assistant Professor (Research)

Highlights:

- Hands-on training on proximate analysis (moisture content, volatile matter, ash and fixed carbon content).
- Biomass valorisation using hydrothermal reactor.
- Importance of biofuel for sustainable environment.

All participants will get certificate

Contact Us

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