



# 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 Fermentation and Distillation for Bioethanol Production

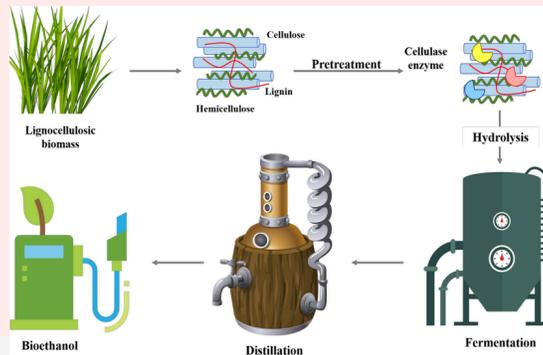
Date: 19/09/2025

#### 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 programme for 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

The term "biomass" describes the organic material that is utilized to produce energy known as "bioenergy." The main sources of biomass are living or recently living plants, as well as biological waste from commercial and residential use. The process of energy conversion from biomass includes thermal conversion, chemical conversion, biochemical conversion and electrochemical conversion. This training program provides an opportunity to understand the various source points for the generation of biomass, its characterization by proximate analysis, extraction of lignin, hemicellulose and cellulose, fermentation and distillation. This training programme will address sustainable development goals (SDGs) 1,7,11 and 13.



#### Highlights:

- Hands-on training on Separation of Lignin, Cellulose and Hemicellulose.
- Biomass fermentation and distillation.
- Alcohol detection.
- Centre for Waste Management laboratory facilities visit.

#### Venue

Hands-on training - Biofuel lab  
(Third floor)  
International Research Centre

Registration fee for students: Rs. 500

Faculty: Rs.750

Account number: 891734627

IFSC Code: IDIB000T020

Bank name: Indian bank

Account name: Dean (Publications & Conferences)

Sathyabama Institute of Science and Technology

#### For registration:

[Click here](#)

To Know about us please follow

Website:

<https://www.centreforwastemanagement.com>

Youtube:

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

Internship and  
Consultancy  
Services  
are offered here

Time:  
9am to 3.15pm

Certificate &  
Lunch  
will be provided

#### Chief Patrons

Dr. Mariazeena Johnson, Chancellor

Dr. Marie Johnson, President

Ms. Maria Bernadatte Tamilarasi, Vice President

Mr. J. Arul Selvan, Vice President

Ms. Maria Catherine Jayapriya, Vice President

Mr. R. Akash, Vice President

#### Patron

Dr. T. Sasipraba, Director (Innovation)

#### Organizing Secretary

Dr. Dawn S S, Professor (Research)

#### Conveners

Dr. P. Priyadharsini, Assistant Professor (Research)

Dr. J. Arun, Assistant Professor (Research)

Dr. N. Nirmala, Assistant Professor (Research)

Dr. Santhosh A, Assistant Professor (Research)

#### Co- Conveners

Mr. J. Jayakanth, Scientific Assistant

Ms. A. Bhuvaneshwari, Scientific Assistant

Ms. S. V. Siva Shankari, Scientific Assistant

Mr. A. Silambarasan, Technical Assistant

Mr. K. Alagar, Project Associate-I (DST- SYST)

Ms. J. Merlin, Research Scholar.

#### Contact us

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