



# Sathyabama

Institute of Science and Technology  
Deemed to be University



Centre for Waste Management

Centre of Excellence for Energy Research

One day Training on

## Bench Scale Biodiesel Production and Characterization as per ASTM Standards

Centre for waste management, Centre of excellence for energy research is organizing a One Day Training on Bench Scale Biodiesel Production and Characterization as per ASTM standards. The scientific team has expertise in Biodiesel production from various sources including Waste cooking oil, Algal oil, Beef tallow, Goat fat, Rice bran oil and many other edible and non-edible oils.

**Date:30/09/2023**

### Training Highlights

Biofuels-Introductory concepts  
Production & Performance Evaluation  
Lab scale Biodiesel Production  
Determination of  
Acid number , Moisture content , Density,  
Viscosity, Corrosion measurements  
Flash and Fire point measurements  
Biodiesel demonstration  
Biodiesel Washing and Drying techniques  
Biodiesel and Blends Calorific value measurements  
Cloud and Pour point measurements

Registration fee

**Rs.850/- for Student**

**Rs.1500/- for Faculty**

**Rs.3000/- for Industry**

### Patrons

Dr. Mariazeena Johnson, Chancellor  
Dr. Marie Johnson, President  
Mr. J. Arul Selvan, Vice President  
Mrs. Maria Bernadette Tamilarasi, Vice President  
Ms. Mariya Catherina Jayapriya, Vice President  
Dr. T. Sasipraba, Vice Chancellor

### Conveners

Dr. Dawn S S, Professor (Research), CWM  
Mr. Santhosh A, Project Coordinator, STI-Hub, CWM

### Co-Conveners

Dr. J. Arun, Assistant Professor (Research), CWM  
Dr. Nirmala N, Assistant Professor (Research), CWM  
Dr. Sivasakthi M, Assistant Professor (Research), CWM  
Dr. Priyadharsini P, Scientific Assistant, CWM  
Mr. Sanjay Kumar S, Project Assistant STI-Hub, CWM  
Ms. Bhuvaneshwari A, Project Assistant, STI-Hub, CWM  
Mr. Jayakanth J, Project Assistant, STI-Hub, CWM

### Benefits of the training

**Biodiesel Entrepreneurship ----- Know how  
Establishment of biodiesel producer - buyer linkages**

### Contact Information

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