



# SATHYABAMA

## INSTITUTE OF SCIENCE AND TECHNOLOGY

Deemed to be University



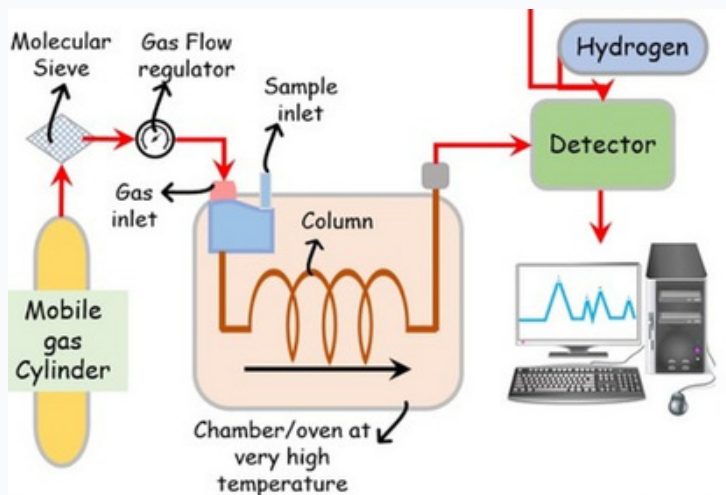
## Centre for Waste Management

## Centre of Excellence for Energy Research



### One day Workshop on Gas Chromatography- Flame Ionization Detector & Thermal Conductivity Detector (GC- FID/TCD)

**Date: 31st January, 2025**



### ABOUT CENTRE

Centre for Waste Management has housed the Gas Chromatography - Flame Ionization Detector & Thermal Conductivity Detector (GC- FID/TCD) for analysis of esters, solvent and gaseous samples. The facility is used in composition analysis of biofuel samples exclusively biodiesel derived from both edible and non-edible oils.

### Highlights

Hands-on training will be provided to cover:

- Chromatogram (GC-Profile) acquisition GC-profile interpretation for composition analysis
- Fuel performance analysis correlating the composition

### Conveners

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

### Co- Conveners

Dr. A. Santhosh, Project Co-Ordinator (STI-Hub)  
Mr. J. Jayakanth, Project Assistant (STI-Hub)  
Ms. J. Merlin, Research Scholar

### Contact Us

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### Patrons

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

### Organsing Secretary

Dr. Dawn S S, Professor (Research)

### Registration Fee:

**For Students / Scholars - Rs. 750/-**

**For Industrial persons - Rs.1,000/-**

**To Register : <https://forms.gle/rcFYdGusXyJdHf6H7>**

**GPay : 9789035073**

To know about us follow:

Website: [www.centreforwastemanagement.com](http://www.centreforwastemanagement.com)

Youtube: [Click Here](#)

**Consultancy Services provided for Gas Chromatography - FID/ TCD**