



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

Deemed to be University



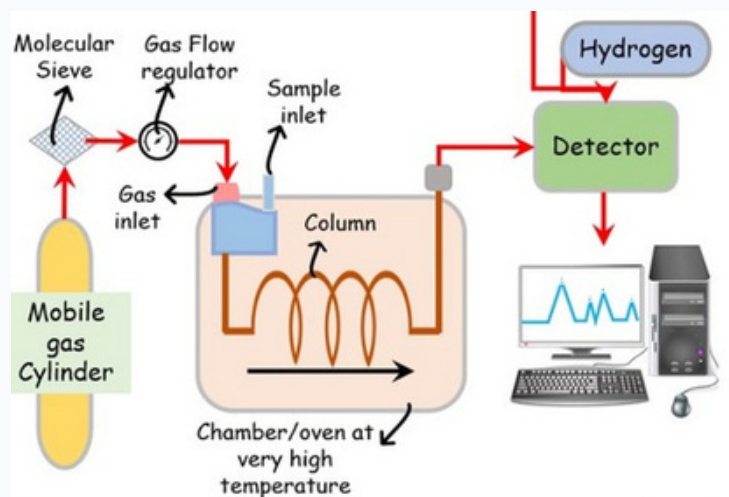
Centre for Waste Management

Centre of Excellence for Energy Research



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

Date: 28th March, 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)

Dr. A. Santhosh, Project Co-Ordinator (STI-Hub)

Co- Conveners

Mr. J. Jayakanth, Project Assistant (STI-Hub)

Ms. J. Merlin, Research Scholar

Mrs. S. V. Siva Shankari, Project Associate - I

Mr. Silambarasan, Field Assistant

Mr. K. Alagar, Project Associate - I

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

Organising Secretary

Dr. Dawn S S, Professor (Research)

Registration Fee:

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

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

To Register - [Click here](#)

Gpay Number - **9789035073**

To know about us follow:

Website: www.centreforwastemanagement.com

Youtube: [Click Here](#)

Consultancy Services provided for Gas Chromatography - FID/ TCD