



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

Deemed to be University



Centre for Waste Management Centre of Excellence for Energy Research



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

Date: 09th February, 2024

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

Organising Secretary

Dr. Dawn S S, Professor (Research)

Conveners

Dr. N. Nirmala, Assistant Professor (Research)

Dr. J. Arun, Assistant Professor (Research)

Dr. R. Sathish Kumar, Associate Professor (Research)

Dr. Sivasakthi, Assistant Professor (Research)

Dr. P. Priyadharsini, Scientific Assistant

Co- Conveners

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

Ms. A. Bhuvaneshwari, Project Assistant (STI-Hub)

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

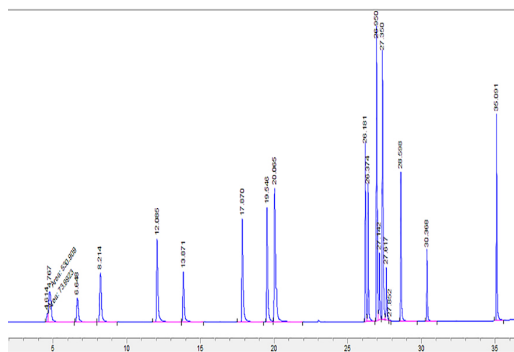
Contact Us

Dr. N. Nirmala

Centre for Waste Management

Mobile & WhatsApp: 9789035073

Email Id: centreworkcwm@gmail.com



Patrons

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Dr. T. Sasipraba, Vice Chancellor

Mr. J. Arul Selvan, Vice President

Mrs. Maria Bernadette Tamilarasi, Vice President

Ms. Maria Catherine Jayapriya, Vice President

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