



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: 17th February, 2023

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. 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)

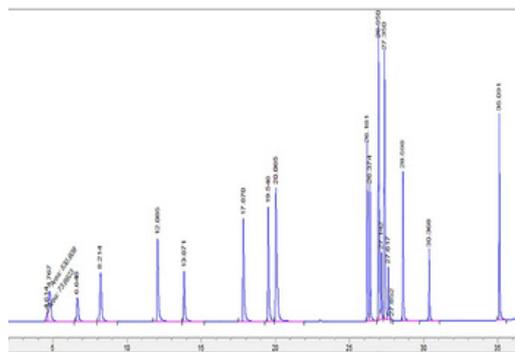
Contact Us

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Patron

Dr. T. Sasipraba, Vice Chancellor

Organising Secretary

Dr. Dawn S S, Professor (Research)

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