



Sathyabama Institute of Science and Technology

[Deemed to be University]
Centre of Excellence for Energy Research
Centre for Waste Management



One Day Hands-on Training on Biofuel Production & Characterization

Experience a Simple Process to Reuse the Waste Edible Oils and Fats

Energy sources depletion and Environmental stringencies have led to the exploration of Alternate fuels. Biodiesel is a safe alternative fuel to replace traditional petroleum diesel possessing high-lubricity, clean-burning ability and the only alternative fuel for use in existing, unmodified diesel engines without any retrofits. A Biodiesel facility at International Research Centre, Sathyabama Institute of Science & Technology invites interested candidates to make best use of the opportunity to understand the underlying principles in biodiesel production and characterization.

Training Dates

Choose any one convenient date

27/06/2019

25/07/2019

29/08/2019

26/09/2019

24/10/2019

28/11/2019

12/12/2019

Registration fee

Students /Scholars: 750 INR

Academicians : 1000 INR

Industrial Participants/Other Labs: 1500 INR

- ✓ Registration fee can be paid by cash or DD drawn in favor of Sathyabama institute of science and technology payable at "Chennai".
- ✓ The Registration fee includes Workshop kit, softcopy of training manual, refreshment and lunch
- ✓ Certificates will be issued to all the participants
- ✓ Accommodation will be provided for outstation participant by remittance of Rs 200/day
- ✓ 20% discount on consultancy charges will be given.



Training Highlights

- 🔧 Biofuels-introductory concepts, Production & Performance Evaluation
- 🔧 Lab scale Biodiesel Production
- 🔧 Cloud and pour point (ASTMD2500), Acid number (ASTMD664)
- 🔧 Moisture content, Density(ASTM1298), Viscosity(ASTMD445) & corrosion measurements(ASTMD130)
- 🔧 Flash and Fire point(ASTMS93) measurements
- 🔧 Biodiesel Washing and Drying techniques
- 🔧 Biodiesel and Blends Calorific value Value(ASTM1500) measurements
- 🔧 Cloud and Pour point measurements

Convener

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Co-conveners

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