



## Udupi District Bioenergy Research, Information & Demonstration Centre

### MSLS-MAHE- Students visit

BSc Biotechnology students from Manipal School of Life Sciences, MAHE, visited Bioenergy centre on 24 April 2024. Dr. Santhosh Poojary and Mr. Vinay Shetty demonstrated the biofuel production process to the participants.





## **Biofuel Awareness Programs**

The Bio-fuel Awareness Programme was conducted for the first-year engineering students of NMAMIT as part of the Student Induction Program 2024-25. Dr. Ujwal P, Coordinator of BRIDC, Dr. Santhosh, Co-coordinator of BRIDC, and staff member Mr. Vinay Shetty, put in dedicated efforts to organize the sessions for over 1,300 students. In addition, Biotechnology Engineering students and a few batches of students from other colleges also participated as part of their academic projects.



## **Bio-diesel usage demo programme**

In line with KSBDB guidelines, a biodiesel usage demonstration program was conducted on 4 October 2024.



## Radha Nayak Government High school Yennehole- Visit

Demonstration programmes was conducted for high school students of Radha Nayak Government High school, Yennehole on 20 November 2024. Dr. Santhosh Poojary and Mr. Vinay Shetty demonstrated the biofuel production process to the participants.



## Dr. NSAM High School, Nitte -NCC students visit

NCC students of Dr. NSAM High School, Nitte visited Bioenergy Centre on 20 December 2024. Dr.Ujwal P., Dr. Santhosh Poojary and Mr. Vinay Shetty demonstrated the bio fuel production process to the participants.



## Kerala Mallapuram Students Visit

Bsc Botony final year students of Government Arts and Science College for Women, Mallapuram Kerala, visited Bioenergy Centre on 13 January 2025. Dr.Ujwal P.,and Mr. Vinay Shetty demonstrated the bio fuel production process to the participants.





## Nitte Deemed to be University Officials Visit

Nitte Deemed to be University officials headed by Prof. (Dr.) Suma Ballal, Deputy Registrar, Nitte University visited Bioenergy Centre on 10 February 2025. Dr. Santhosh Poojary and Mr. Vinay Shetty explained the biofuel centre activities.



## Research activities 2024-25 (Ongoing)

A hydrothermal unit for renewable diesel production research has been installed at the Biofuel Centre, funded by a project grant from Nitte University. In addition, an on-road engine (Tata Sumo model) has been repaired and is now ready for installation to operate on 100% biodiesel. Biodiesel has also been successfully produced using waste oil from a jackfruit processing company.



**B100 -Engine Setup**



**Jackfruit Company  
Waste oil Biodiesel**



**Hydro-Thermochemical Processing of Biomass**

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