



Department of Mechanical Engineering
Goa College of Engineering

Cordially invites you for the Inauguration of

AICTE (ATAL) Sponsored Online Faculty Development
Program on

ALTERNATE FUELS

Monday, 06th December 2021 at 9.30 Hrs

Venue

Virtual Event Link

<https://meet.google.com/hhm-zvxn-pvq>

Dr. Vivek Kamat

Director, Directorate of Technical Education, Goa

Has Consented to be the Chief Guest

Dr. Rajesh B. Lohani

Principal, Goa College of Engineering, Goa

Will be the Guest of Honour

Dr. Jagannath Hirkude
FDP, Coordinator

Dr. Akshay Nigalye
Head, Mech. Engg. Dept.

PROGRAMME

09.30 – 09.35 am	Welcome Address by HMED
09.35 – 09.40 am	Overview of Program by Coordinator
09.40 - 09.45 am	Address by Guest of Honour
09.45 - 09.55 am	Address by the chief Guest
09.55 – 10.00 am	Vote of Thanks



MECHANICAL ENGINEERING DEPARTMENT
GOA COLLEGE OF ENGINEERING

AICTE Sponsored Faculty Development Programme on
ALTERNATE FUELS - From 06th to 10th December 2021

Date & Time	Event Schedule & Time				
	06.12.2021 9.00 to 9.30 AM Inauguration				
	9:30 to 11:30 AM		11:30 AM to 1:30 PM		2:00 PM to 4.00 PM
Monday 06-12-2021	Green fuels: Pragmatic intervention to slow down climate change: Dr. Manoj Borkar, Carmel College for Women, Goa	T e a B R E A K	Biofuels prospectus and challenges : Dr. Jagannath Hirkude, Goa College of Engineering	L u n c h B R E A K	Hydrogen: Alternate Fuel for IC Engines: Dr. Suresh Mane, Principal, GSIT, Karwar, Karnataka
Tuesday 07-12-2021	Bioethanol: Dr. Sachin Kumar, Scientist, National Institute of Bio-Energy, Kapurthala, Punjab		Net Energy Analysis of ethanol : Dr. Mahesh shelar, K. K. Wagh Institute of Engineering Education & Research, Nashik		Hands on session on : Optimization of Biofuel recovery using engineered microbial process and minimizing cost of centrifugation: Dr.Surajit Debnath
Wednesday 08-12-2021	CNG as alternate fuel for Indian Railways: Dr. Kumar G. N., NITK Surthkal		Nano additives for Biofuels: Dr. Dinesha P. , Manipal Institute of Technology, Manipal		Optimization of engine operating parameters with biodiesel: Dr. Jagannath Hirkude, Goa College of Engineering
Thursday 09-12-2021	"Production of biofuels and their application in CRDI & HCII engines": Dr. Sanjeevakumar Khandal		"Ultrasound assisted biodiesel synthesis from mixed oil feedstock - process optimization and kinetic analysis using heterogeneous kinetic model: Dr. Ritesh S. Malani, ICT Mumbai		Virtual visit to biodiesel production facility at GSIT, Karwar: Dr. Suresh Mane, Principal, GSIT, Karwar, Karnataka
Friday 10-12-2021	Meditate, relax and excel: Mr. Floyd D'Silva, Facilitator & Trainer, Self-growth modalities		Recent Research Progress on advanced diesel engine combustion modes for cleaner combustion in Hybrid vehicles: Dr.Dhinesh Balasubramanian		Feedback ,Valedictory Function & Online test