



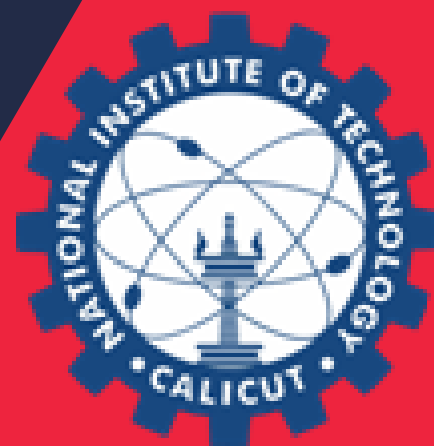
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ONLINE FIVE-DAYS WORKSHOP ON

"Energy Production, Utilization, and Storage"

With the association of

2nd International Conference in Fluid, Thermal and Energy Systems – 2024 (ICFTES'24)



नमसो मा ज्योतिर्गमय

**Organized
by**

**Department of Chemical
Engineering
& Mechanical Engineering
National Institute of
Technology Calicut
NIT Campus P.O. Kozhikode
– 673601**

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About NIT Calicut

National Institute of Technology Calicut was founded as Regional Engineering College, Calicut, in 1961. Set in a picturesque at the foothills of the Western Ghats, it is located about 22 kilometres north-east of Calicut city. It is a prestigious institute with a reputation for excellence at undergraduate, postgraduate and research levels, fostering the spirit of national integration among the students and close interaction with industry.

Course Objectives

The Workshop objective is to provide a comprehensive understanding of various aspects related to energy generation, efficient utilization, and effective storage methods. The course typically covers a wide range of topics related to energy systems, technologies, and sustainability. Some specific themes commonly associated with this course are:

- Renewable energy sources
- Energy storage
- Energy utilization for Desalination Process
- Sodium Ion batteries
- Biological energy harvesting
- Kinetic energy harvesting
- Solar energy storage system and application
- Conventional Energy Resources- Sustainable Technology
- Floating Photovoltaic Systems
- Phase change material for thermal management system
- Electrolysis hydrogen production
- Floating Photovoltaic Systems
- Phase change material for thermal management system
- Fossil fuel consumption and transition

N.B.: Topics can be change with the experts area of interest

List of Speakers

Prof. K.Srinivas Reddy
MED, IIT Madras

Prof. Santosh K. Sahu
MED, IIT Indore

Dr. Prodyut R. Chakraborty
MED, IIT Jodhpur

Dr. Anurag Goyal
MED, IIT Delhi

Dr. Udayraj
MED, IIT Bhalai

Mr. Santosh K Gurunath
MFounder Umanage
Developing Low Carbon
Hydrogen Economy

Dr. Dhinesh Thanganadar
Senior Process Engineer
United Kingdom Atomic
Energy Authority

Prof. Hoffmann J E
MMED,
University of Stellenbosch

Dr. Surajit Ghosh
CHED, MNIT Jaipur

Dr. Sukanta Halder
EED, SVNIT, Surat

Nidhi Agarwal
PLUSS Advanced Technology
Gurgaon, India

Prof. Bidyut Baran Saha
WPI-I2CNER Kyushu
University Japan

Dr. Niraj Thakre
Advance Software Engineer
Honeywell Technology
Solution Ltd

Dr. Panneerselvam Ranganathan
CHED, NIT Calicut

Dr. Vinod Kr . Sarma
MED. NIT Calicut

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