

About the Programme

This FDP aims at both technological and logistics challenges of utilization of biomass waste for power generation. The details of various biomass conversion technologies are also presented as main contents to help understand the primary barriers for the deployment of biomass conversion to power.

Speakers

Dr. Richard Blanchard	Loughborough University,UK
Prof. P. Mahanta	NIT Arunachal Pradesh
Prof. Kaustubha Mohanty	IIT Guwahati
Prof. Harish C. Das	NIT Meghalaya
Prof. Bijan K. Mandal	IEST Shibpur
Prof. Rupam Kataki	Tezpur University
Prof. Vasant Barve	K. K. Wagh Institute of Engineering Education and Research
Dr. Pravesh Shukla	IIT Bhilai
Dr. Pankaj kalita	IIT Guwahati
Dr. Lepakshi Borbora	IIT Guwahati
Dr. Malay Karmakar	CMERI Durgapur
Dr. Shantonu Roy	IEST Shibpur
Dr. Sukanta Roy	Curtin University, Malayasia
Dr. Saikat Jana	NIT Arunachal Pradesh
Dr. Dipak Sen	NIT Arunachal Pradesh
Dr. Anup Paul	NIT Arunachal Pradesh
Dr. Manjula Das Ghatak	NIT Arunachal Pradesh

About the Institute

The National Institute of Technology, Arunachal Pradesh was established on 18th August, 2010 as a member of a group of ten new NITs. These new NITs were established as centres of excellence in technical education to combat the growing need of technological professionals in India. NIT Arunachal Pradesh started functioning under the mentorship of NIT Durgapur. Currently it is functioning from its temporary campus at Yupia, district Papumpare of Arunachal Pradesh. Construction work is going on in its permanent Campus at Jote, district Papumpare.



About the Department

The Department of Mechanical Engineering at National Institute of Technology, Arunachal Pradesh was established in August 2013. It offers four year B.Tech degree in Mechanical Engineering with an annual intake of 38 students. The Department is running PG programme (2 years M.Tech.) in Mechanical System Design and Innovation Technology since July'2016 and has introduced another PG programme (2 years M.Tech.) in Fluids and Thermal from August'2019. Research programme (Ph.D) is also started since January' 2015. Currently the Department is having 10 research scholars.



AICTE Training And Learning Academy

Sponsored
Five Days Online
Short Term Training Program (STTP)

on
*Recent Development in Biomass to
Energy*

1st to 5th March 2021



Coordinator

Dr. Manjula Das Ghatak

Assistant Professor
Department of Mechanical Engineering
NIT Arunachal Pradesh

Organized By

**Department of Mechanical Engineering
NIT Arunachal Pradesh
Yupia-791112, Arunachal Pradesh, India**

Patron

Prof. (Dr.) Pinakeswar Mahanta

Director, NIT Arunachal Pradesh

Chairman

Prof. M. K. Shome

Dept. of M & H, NIT Arunachal Pradesh

Co-Coordinator

Dr. Shubhajit Das NIT Arunachal Pradesh

Organizing Committee

Dr. R. P. sharma NIT Arunachal Pradesh

Dr. Dipak Sen NIT Arunachal Pradesh

Dr. Anup Paul NIT Arunachal Pradesh

Dr. Prases Kr. Mohanty NIT Arunachal Pradesh

Dr. Sandip Kr. Mandal NIT Arunachal Pradesh

Topics to be Covered

The Course content provides in-depth coverage on important emerging areas, such as

- Renewable Energy, Energy Efficiency, and Resilience
- Biomass conversion technologies, such as gasification, combustion and cogeneration
- Bioenergy (biofuel/biomass)
- Economy and Environment
- Biogas: converting waste to energy
- Clean Fuels Technology & Health Effects
- Sustainable Energy, etc.

Lecture Schedule

Day	Session 1 (10-11:30 am)		Session 2 (12-1.30 pm)	Session 3 (2.30-4 pm)
1	Inauguration (10-10.30 am)	Lecture 1 (10.30-11.30)	Lecture 2	Lecture 3
2	Lecture 4		Lecture 5	Lecture 6
3	Lecture 7		Lecture 8	Lecture 9
4	Lecture 10		Lecture 11	Lecture 12
5	Lecture 13		Lecture 14	Lecture 15 (2.30-3.30 pm) Valedictory function (3.30-4)

Eligibility Criteria

Faculty members and research scholars from AICTE approved Engineering and polytechnic Institutes and Industrial persons are eligible to participate. Participants are required to fill online registration form. Detail is given in registration process.

Registration FEE

There is no registration fee to attend this programme. Participants willing to attend this online FDP should have the provision of laptop/desktop with good quality internet connections and other audio-visual facilities, as required for online training.

Registration Process

Participants interested to attend this program need to make compulsory online registration on the below mentioned link:

<https://forms.gle/Hw7KVs7xHRx84RNJA>

The last date of online registration is 26th February, 2021

Address for correspondence

Dr. Manjula Das Ghatak

Dr. Shubhajit Das

Department of Mechanical Engineering

NIT Arunachal Pradesh

Contact No.: 948521718/9435547092

Email ids: manjula@nitap.ac.in

shubhajit@nitap.ac.in

Important Dates

Date of event : **1st March 2021- 5th March 2021**

Registration closed: **26th February, 2021**

