# One-week short term course on "ENERGY FROM WASTE: SUSTAINABLE APPROACHES"

8<sup>th</sup> to 12<sup>th</sup> March 2021 Organized by:



# DEPARTMENT OF MECHANICAL ENGINEERING NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR IMPHAL – 795004, MANIPUR, INDIA

\*\*ORGANISING TEAM\*\*

# **PATRON**

Prof. (Dr.) GOUTAM SUTRADAR
Director, National Institute of Technology Manipur

# **COORDINATOR**

Dr. HUIREM NEERANJAN SINGH Assistant Professor & Head (Mechanical Engineering) National Institute of Technology Manipur

# **ADVISORY MEMBERS**

Faculty & Staffs of Mechanical Engineering National Institute of Technology Manipur

#### **CHAIRMAN**

Prof. (Dr.) RAJESH KUMAR BHUSHAN Professor (Mechanical Engineering) National Institute of Technology Manipur

# **CONVENOR**

Dr. THOKCHOM SUBHASCHANDRA SINGH Lecturer (Mechanical Engineering) National Institute of Technology Manipur

Dr. SABINDRA KACHHAP
Assistant Professor (Mechanical Engineering)
National Institute of Technology Manipur



# **ABOUT THE INSTITUTE**

National Institute of Technology Manipur, a Centrally funded technical institution is set up to impart quality technical education at various level of higher learning. It is one of the ten new NITs established and developed as "Institute of National Importance" by an act of Parliament in 2007. NIT Manipur started its first session with the three branches of Engineering- Computer Science and Engineering, Electrical & Electronics Engineering and Electronics and Communication Engineering in 2010. Again, in the year 2015, Civil Engineering and Mechanical Engineering departments were started. As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers B.Tech., M.Tech., M.Sc. and Ph.D. programmes in several disciplines of Engineering, Technology and Sciences.

# **ABOUT THE COURSE**

The course is intended to provide an understanding to the basics of energy and potential for energy generation from various waste materials. The course will also provide an advanced intuition about the complex methods and processes for extraction of energy from wastes and various approaches towards achieving sustainable energy production. The experts will deliver various topics on energy extraction and utilization for producing power through combustion and combustion systems.

An e-certificate will be awarded after successful completion of the course to the participants.

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# **OBJECTIVE OF THE COURSE**

- Basic understanding on wastage and generation of wastage
- Intermediate insight on the methods of extraction of valuable energy/products
- Advanced process of utilization of waste products in energy generation

# TARGET PARTICIPANTS & FEES (All fees are inclusive of GST)

Higher Secondary Students / Undergraduate students : -FREE Post Graduate / Ph.D Scholars : Rs. 100/ Faculty / Staff of Engineering & Polytechnic Institutions : Rs. 500/ Industry professionals / Engineers : Rs. 1500/-

# REGISTRATION

Interested participants can fill the form given below for registration (Link to be provided)

The payment should be made online/NEFT to the following account

Name : Director NIT Manipur IRG

Account No. : 60330100000143

Bank and Branch : Bank of Baroda, NIT Manipur Campus, Langol

IFSC Code : BARBONITMAN

The STC is limited to 100 participants. Shortlisted candidates will be intimated through email. The last date of Registration is 6<sup>th</sup> March 2021.

For any details contact the Conveners:

Dr. Thokchom Subhaschandra Singh.
 Ph: +91-94029-32585 / Email: th.subhas143@gmail.com

2. Dr. Sabindra Kachhap.

Ph: +91-79034-63928 / Email: sabindra.05@gmail.com

# Resource persons:



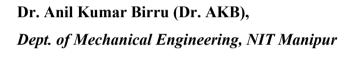
Prof. (Dr.) Rajesh Kumar Bhushan (Prof. RKB),

Dept. of Mechanical Engineering, NIT Manipur



Dr. Huirem Neeranjan Singh (Dr. HNS),

Dept. of Mechanical Engineering, NIT Manipur





Dr. Sabindra Kacchap (Dr. SK),

Dept. of Mechanical Engineering, NIT Manipur



Dr. Th. Subhaschandra Singh (Dr. ThSS),

Dept. of Mechanical Engineering, NIT Manipur

# PROGRAMME SCHEDULE

Date	8-03-2021	9-03-2021	10-03-2021	11-03-2021	12-03-2021
/Session					
	INAUGURAL	Session-III	Session-V	Session-VII	Session-IX
	&	Dr. AKB	Dr. SK	Dr. ThSS	Dr. HNS
	Session-I				
	"NEP"				
	Prof. RKB				
	Session-II	Session-IV	Session-VI	Session-	Session-X
	Dr. ThSS	Dr. HNS	Dr. ThSS	VIII	Dr. ThSS
				Dr. HNS	

"Energy from waste: sustainable approa	aches"	stc.mechnitmanipur@gmail.com
RE	GISTRATION FOR	RM
SI. No (For use by organiz	zing committee) ONLINE SHORT TE	RM COURSE
	ON	
"ENERGY FROM WA	ASTE: SUSTAINAE MARCH 08-12, 202 <sup>2</sup>	
	ORGANISED BY:	
	STATISTICS OF THOMAS	
NATIONAL INSTI	IT OF MECHANICA TUTE OF TECHNO GOL, IMPHAL - 79	LOGY MANIPUR,
REG	ISTRATION FO	ORM
1.Name of applicant (in Block Letters	s):	
2. Qualification/Standard	:	
3. Designation	:	
4. Institution/Industry/School	:	
(Attach a copy of ID card)		
5.Address	·	

:..... Date: .....

9. Amount (Rs.)

Signature of participant with date