



AICTE NEQIP sponsored
Short Term Course
On



Advances in Mechanical Engineering and
Industrial applications
July 20-24, 2015

Chief Patron

Prof. M.K. Choudhuri, Vice Chancellor, Tezpur University (TU)

Advisor

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About Mechanical Engineering department, Tezpur University

Tezpur Central University was established by an Act of Parliament in 1994. It offers employment oriented and interdisciplinary courses to meet the local and regional aspirations and also offer courses and promote research in areas which are of special and direct relevance to the region and in emerging areas in Science and Technology. Mechanical Engineering (ME) is one of six departments under School of Engineering of Tezpur University which was established in the year, 2006. Presently the department is offering B.Tech. M. Tech. (Specialization: Applied Mechanics) and PhD programme. It's B.Tech. and M.Tech. Programmes are approved by AICTE. The department aims at producing skilled human resources for the industry and conducting cutting-edge research. The department has various laboratories with state of the art facilities, one central workshop with all kinds of machineries. In addition to

these, there are other common facilities of Computer Centre, Seminar Hall, Lecture Gallery, Video Conferencing room etc. for the students of School of Engineering.

About the programme

The proposed short term course is aimed at dissemination of the latest information to the participants in order to enrich their knowledge in the emerging areas of Mechanical Engineering research. The one week short term course is supported by AICTE NEQIP and the course is designed covering a wide range of topics of current research trends in Mechanical Engineering. The various topics that are expected to be covered in the course are as follows.

1. Computational fluid dynamics
2. Composite materials
3. Advanced manufacturing processes
4. Energy systems
5. Internal combustion engine
6. Biomass gasification
7. Material Science
8. Optimization methods
9. Metrology
10. Vibration

Resource persons

Distinguished professors from IIT Guwahati and other universities including Tezpur University will join the course as resource persons for delivering lectures on current topics of research related to ME.

Registration and Accommodation

Faculty members from AICTE approved institutes are eligible for registration to this course without paying any registration fees. Participants from non AICTE institutions need to pay Registration fees of Rs. 2000/- by A/C payee demand draft in favour of Registrar, Tezpur University, payable at SBI, Tezpur University Branch. Hostel facility will be provided to limited numbers of outstation candidates. No TA will be provided to the participants.

Important dates

Last date of registration: 6th July, 2015

Intimation of selected participants: 13th July, 2015

REGISTRATION FORM

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Name:

Designation:

Department:

Address of Institute:

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E-mail address:

Mobile No.:

Signature of applicant

Recommendation of the Head of the Organization

Signature with official seal

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Organized by

Department of Mechanical Engineering

Tezpur University

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