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A National Conference on SUSTAINABLE MECHANICAL ENGINEERING: TODAY AND BEYOND

SMETB 2017

Organized by



**Department of Mechanical Engineering
Tezpur University, Tezpur-784028
Assam, India**

**Supported by
NEQIP (AICTE)**

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ABOUT THE CONFERENCE

The SMETB is a national conference organized by the department of Mechanical Engineering, Tezpur University. The conference is focused on the sustainable research in the broad areas of thermo-fluids, mechanical design and manufacturing. The conference will be held during March 24–25, 2017 in Tezpur University. The cutting edge research in the areas of Mechanical Engineering is progressing world-wide. In order to cope up with this challenging world, India needs to take up sustainable and high quality research in engineering. With this view, this conference aims to bring together the mechanical engineering community to explore and communicate novel ideas face to face. We hope that the conference will provide opportunities for future research collaborations among the academic institutions, research organizations and industries. The conference keywords include but not limited to:

- Thermo-fluid Engineering
- Microfluidics
- Renewable Energy
- Micro/Nano/Green Manufacturing
- Metal Forming
- Machine Design/Solid Mechanics
- Advanced materials
- Mechatronics and Robotics
- Operations Research
- Industrial Engineering

ABOUT TEZPUR UNIVERSITY

Tezpur University (TU) was established by an Act of Parliament of India in 1994 and is one of the 46 Central Universities of the country. Located in Tezpur, a historic town of Assam on the river bank of the mighty Brahmaputra, the University has a beautiful green and clean campus. An outcome of the Assam movement, the University, has made a notable mark in the national educational scenario with its dynamic and innovative methods of pedagogy and research. Recently, TU has been conferred with the Visitor's (President of India's) Best University Award, 2016. In the same year, the university was ranked 5th among the universities in an assessment of higher education institutions in India conducted by the Ministry of Human Resource Development (MHRD), Government of India, through the National Institutional Ranking Framework (NIRF). The University has also found a place in the list of top 800 universities of the world as prepared by the Times Higher Education World University Rankings among the list of top 980 universities of the world, 2016-17. The University has also been accredited with an 'A' grade by the National Assessment and Accreditation Council (NAAC) in 2016. Currently, the university offers 70 academic programs through 20 Departments under the Schools of Engineering, Sciences, Management, Humanities and Social Sciences. With 3800 students, 260 faculty members and 280 administrative and technical personnel, TU has emerged as a leading institute of higher education and research.

ABOUT THE DEPARTMENT

The department of Mechanical Engineering in Tezpur University was established in 2006 and it is one of six departments under School of Engineering. The department aims at producing skilled human resources with a strong foundation in Mechanical Engineering for the heavy engineering and manufacturing industry. The department is presently offering B.Tech, M.Tech (Applied Mechanics and Thermo-fluid Engineering) and Ph. D. programs in Mechanical Engineering. The department boasts of 16 regular faculty members with different areas of specialization. It's B.Tech. and M.Tech. Programs are approved by AICTE and the B.Tech. program was recently accredited by National Board of accreditation (NBA) in 2016.

CALL FOR PAPERS

Papers (original research, review article, case study) from academic institutions, research organizations and industry are invited. A full paper not exceeding six pages should be submitted in MS WORD format through e-mail at sme@tezu.ernet.in or tusme2017@gmail.com. All full papers will be peer reviewed. Authors will be required to submit camera-ready paper after acceptance. All the accepted papers will be published in the conference proceedings. The enhanced version of the selected papers may be considered for publication in Scopus indexed international journals. Among the papers presented during the conference, three papers will be selected on the recommendation of the selection committee for awarding the best paper awards.

IMPORTANT DATES

Submission of full paper:	JANUARY 30, 2017
Review comments of full paper:	FEBRUARY 20, 2017
Submission of camera-ready paper:	FEBRUARY 28, 2017
Last date of registration:	MARCH 2, 2017

REGISTRATION

At least one author of the accepted paper has to register for presentation. The registration fees are given below:

For students:	Rs. 1,500/-
For academic and research organizations:	Rs. 3,000/-
For industry professionals	Rs. 5,000/-

Delegates can pay the registration fees either through bank transfer or through demand draft/multi-city cheques drawn in favour of "TUME CONFERENCE" payable at **Tezpur University**. The DD/cheque/Bank receipt should be sent to the conference organizing secretary. The bank details for transferring registration fees is as under

Account number:	36382496095
Bank Name:	State Bank of India
Branch name:	Tezpur University
IFSC Code:	SBIN0014259

PROCEEDINGS AND SOUVENIR

It is proposed to make available the proceedings of the conference in print form. All accepted papers will be published in the conference proceedings. It is also planned to bring out an attractive souvenir that will include the abstracts of all accepted papers. The souvenir will include advertisement also. Tariff for advertisement in souvenir is as under:

Outside back cover	Rs. 40,000/-
Inside cover page	Rs. 30,000/-
Full page	Rs. 20,000/-
Half page	Rs. 10,000/-

ACCOMMODATION

The participants have to arrange for accommodation on their own. Hostel accommodations may be provided for student participants. Limited rooms will be available in university guest house. The booking of guest house rooms will be based on first-cum first-serve basis.