



INTERNATIONAL CONFERENCE
ON
EMERGING TRENDS IN MECHANICAL ENGINEERING
(ICETME 2010)
First Call
(November 5-7, 2010)

ORGANISED BY

Department of Mechanical Engineering
THAPAR UNIVERSITY, PATIALA

(declared as Deemed-to-be-University u/s 3 of the UGC Act, 1956)

Patiala (Punjab) – 147004
INDIA

Introduction

The Thapar University is today recognised among the leading privately managed grant-in-aid engineering institutions of the country and the best of its kind in the north-western region of India. NAAC, an Autonomous Institution of UGC, has accredited Thapar University at the B++ level among Deemed Universities with Institutional score of 82%. The TTC with its three institutions viz, TU, TP and TCIRD, is today a unique Campus in our country with extraordinary potential for development of indigenous technology and its engineering industries. A Centre of Relevance and Excellence (CORE) has been set up at Thapar University by TIFAC Mission REACH of Department of Science & Technology, Govt. of India in its first phase of setting up eight CORES at various Institutes and Universities spread all over the country. Science and Technology Entrepreneur's Park (STEP) has been established jointly by Thapar University and DST, Govt. of India. Thapar University has impressively grown in size and activities during the last five decades of its existence. Nearly 10,500 engineers have left its portals so far, distinguishing themselves as proud Thaparians in diverse fields in our country and abroad. As a fitting recognition of its pioneering role in promoting the growth and development both at National and International levels, Thapar University was granted full autonomy and the status of a Deemed University in 1985 by UGC.



Objective and Theme

The primary objective of the conference is to bring together the experts from academic institutions, industries and research organisations devoted to the various domains of Mechanical Engineering and to facilitate close interaction for the exchange of views on the emerging trends in mechanical engineering research. The conference is an attempt to provide the participants a common platform to share their views and ideas through technical sessions, deliberations and discussions pertaining to latest developments. In addition, the conference will also have invited lectures/talks by eminent personalities from academia and industries. Papers are invited from the prospective authors from industries, academic institutions, R&D organizations and from professional engineers. Potential topics to be addressed in this conference include, but are not limited, to the following:

(A) ADVANCES IN DESIGN ENGINEERING :

- Computer Aided Design & Optimization
- Fracture Mechanics /Damage Mechanics
- Industrial Tribology
- Noise, Vibration and Condition Monitoring
- Structural Integrity Assessment

(B) ADVANCES IN PRODUCTION AND INDUSTRIAL ENGINEERING:

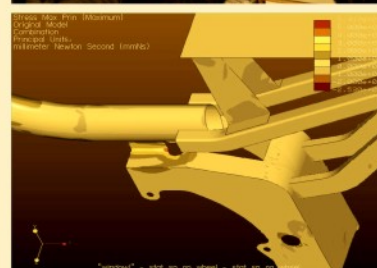
- Computer Integrated Manufacturing
- Manufacturing
- Quality Engineering & Supply Chain Management
- Robotics & Mechatronics
- Rapid Prototyping

(C) ADVANCES IN THERMAL ENGINEERING:

- Computational Methods in Fluid Mechanics and Heat Transfer
- Heat Transfer
- Non-conventional Energy Sources
- Power plant Engineering
- Refrigeration and Cryogenic Engineering
- Turbo Machines and Fluid Power Engineering

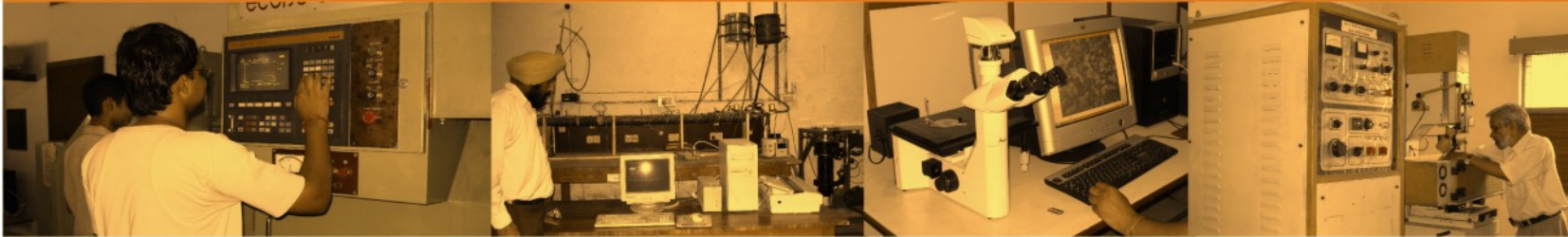
(D) INTER-DISCIPLINARY

- Advanced Materials
- Alternate Fuels
- Bio-engineering Applications
- Energy Management
- Nanotechnology
- Nuclear Engineering
- Space Science



Venue

The conference is being organised by the Mechanical Engineering Department of Thapar University (TU), Patiala (Punjab), India in the university campus which was established in 1956. The department offers B.E. Mechanical Engineering, BE (IE)–MBA, M.E. (CAD/CAM & Robotics), M.E. (Production & Industrial Engineering) and Doctoral programmes leading to Ph.D. Degree. The princely township of Patiala is refreshingly quiet with opulent lush green cover encompassing its entire landscape. Mid- November is relatively cool and warm clothing may be required. Patiala is well connected by Road and Rail with New Delhi (5 hours), the capital of India and surrounding locales like Chandigarh (1 hour) and Shimla (5 hours).



Attraction

- Sharing expertise and knowledge with the experts from reputed academic institutions, industries and research organizations.
- Exposure to the state-of-the-art in mechanical engineering research and development through invited talks.
- Exhibition of equipment, hardware and software related to Mechanical Engineering education and research.
- Rejuvenating and recreational sight seeing

Call For Paper

Official language of the conference is English. Original and unpublished research papers covering the conference themes are invited. Prospective authors are requested to submit full paper not exceeding **eight A4** size pages including text, figures, tables and references. The font to be used should be of Arial type and size 10. The authors should mention their affiliation, address for communication including mobile phone/fax numbers and e-mail address, detailed format of the paper submission is available on the University website www.thapar.edu. A soft-copy of full-length paper is to be emailed to icetme2010@thapar.edu. The full length paper shall be reviewed by the experts and the authors of selected papers would be asked for the presentation of their papers.

Best paper award will be given in two categories namely (i) participants from academic institutions, students and research scholars (ii) participants from research organisations and industries.

Proceedings

Papers selected for the presentation in the conference will be published in the proceedings of the conference.

Author's Schedule

Full length paper submission closes	15-05-2010
Notification of acceptance	15-07-2010
Camera ready paper submission	15-08-2010
Last date for conference registration	20-09-2010



Accommodation

Limited accommodation will be arranged for the delegates in the P.G. hostel free of charge. However, accommodation in hotels or Thapar University Guest House can be booked on request (on twin sharing basis), against payment of an advance booking amount. Guest House is located on the Campus and accommodation available in guest house is limited. Few good hotels are located within 3 kms from the venue. They range from two to three star standards with tariffs ranging from Rs. 1500/- to 2500/- per day.



Communicate to:

Mr. Satish Kumar / Dr. Rahul Chhibber

Organising Secretary- ICETME 2010

Mechanical Engineering Department

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REGISTRATION

All participants, including authors, are required to register as delegates to the conference. For registration, the enclosed registration form duly filled up along with the delegate fee must be sent to the Organising Secretary, ICETME-2010 on or before 20th September, 2010.

REGISTRATION FEE

Student delegates	Rs. 1000/-
Delegates from academic and research institutions	Rs. 3000/-
Industry and general delegates	Rs. 5000/-
Foreign delegates	USD 400/-
Foreign delegates (Students)	USD 150/-

The registration fee is to be paid through demand draft drawn in favour of "ICETME 2010" payable at Patiala.

Registration fee includes the following:

Conference kit including proceedings

Meals during the conference