

Preamble

To become world economic superpower, the India has to have a strong manufacturing capability. Out of the BRIC countries, the India has a strong potential for becoming world manufacturing hub. This is evident from reports of many international development agencies.

The present decade 2011-20 is full of many technological challenges in the field of manufacturing. While the traditional manufacturing processes have to be matured and optimized; newer manufacturing methods and technologies like micro machining, nano-technology, net shape manufacturing etc. are emerging and becoming important. Manufacturing of products with newer materials being developed calls for additional challenges. A thorough understanding and mastery of this is vital. The computer applications in manufacturing, be in the form of CAM, CIM, etc. or in the form of computer simulation of processes, quality control, etc., is going to be pervasive. The production planning and control of manufacturing processes is also important for efficient manufacturing. The seminar will attempt to provide a forum to academia and industry to discuss all these issues.

Themes

- Mechanical Processes for Manufacturing
- Newer Machining Processes
- Nano Technology
- Micro Machining
- Analysis and Simulation of Manufacturing Processes
- Computer Applications in Manufacturing
- Lean Manufacturing
- Nett-Shape Manufacturing
- Optimization of Manufacturing Processes
- Production Planning and Control
- Intelligent Manufacturing
- Energy Efficiency in Manufacturing

Participants

Professionals from Engineering Departments, Industry, Consultants, Design Units, Research and Testing Laboratories, Educational and Research Institutes are invited to attend the programme.

Call for Papers

It is proposed to have several technical papers, key note address, state of art lectures by eminent professors, experienced engineers and faculty members in this seminar.

Unpublished Papers are invited. Contributors may send their abstracts of the paper through e-mail to the organizing secretary on seminar mail id : amtcd2011@gmail.com. Submissions should be in MS Word, Time New Roman (12 point) with 1.2 line spacing. Peer reviewed papers will be published in the seminar proceedings.

Important Dates

- Submission of Abstracts : June 3, 2011
- Acceptance of Abstracts : June 7, 2011
- Submission of Full-length Papers : June 12, 2011

Registration

Registration of delegates should be made in advance by remitting the registration fee as indicated below along with duly filled in Registration form.

- Corporate member of IE(I) / Non-member from Educational Institution : Rs. 500
- Non-corporate member (Individual) : Rs. 800
- Students/ Research Scholars : Rs. 300

Registration fee is to be paid by Demand Draft drawn in favour of "The Institution of Engineers (India), Udaipur Local Centre", payable at Udaipur.

The facility for subsidized stay arrangements for outstation participants will also be available in the Scientist Hostel on prior information.

First Information Brochure
All India Seminar on

Advances in Manufacturing Technologies and Challenges of the Decade Ahead

June 18-19, 2011 Udaipur

Under the Aegis of
Mechanical Engineering Division Board, IE(I)



Organized by

The Institution of Engineers (India)

Udaipur Local Centre

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In association with

**Mechanical Engineering Department
College of Technology and Engineering**

Maharana Pratap University of Agriculture and Technology,
Udaipur – 313 001 (Raj.)

Geetanjali Institute of Technical Studies

Dabok, Udaipur – 313 022 (Raj.)

**All India Seminar on
Advances in Manufacturing Technologies
and Challenges of the Decade Ahead**

June 18-19, 2011

REGISTRATION FORM

Name

Designation and Official Address

Mailing Address

Phone/Mobile.....

Telex/Fax

E-mail:.....

IE(I) Membership No.
(If any).

Details of course fee Payment by crossed

Cheque/D.D. No. _____ Dated _____

Drawn on _____ (Bank Name)

Signature

About Udaipur

Udaipur recently rated as no. 1 city, the then capital of princely state of Mewar, is a beautiful city of lakes, palaces and fountains which attracts one million tourist from within the country and abroad every year. Serene in the shadow dark green hills of Arawali, four lakes Pichola, Fatehsagar, Udaisagar and Bari are shimmering jewels from the opal surface of which rise fairly snow white palaces, Jagmandir and Jagniwas. The famous temple of Shrinathji Nathdwara (50 km), Chittorgarh Fort (110 km), Ranakpur (90 km), Kumbalgarh (90 km) are other places of interest. During June the climate of city is comparatively hot.

Udaipur located on NH-8 and NH-76 east west corridor, both express highways, is connected by daily Air India and Jet Airways flights from Delhi and Mumbai. It is also connected by train from Delhi (750 km), Ahmedabad (250 km), Mumbai (800 km), Indore (450 km) and Jaipur (430 km). Luxury coaches are available from various important cities of India.

Convener

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