

First Announcement

Design Workshop

Leading-edge Theories and Practices in Design (DeW 2010)

October 11-15, 2010



Organized by

**PDPM
Indian Institute of
Information Technology,
Design & Manufacturing
Jabalpur**

About Jabalpur

Located at the centre of the State of Madhya Pradesh in India, the city, known for its natural beauty and cultural heritage is an important educational centre of the state. Besides this, it is also a strong centre for defence material production with a Gun Carriage Factory and a heavy duty defence automobile manufacturing unit apart from ordnance factories under the Ministry of Defence. Known world-over for its 'Marble Rocks' and the 'Dhuandhar' water falls, the tourist sites 'Bhedaghat' and national wild-life sanctuaries 'Kanha', 'Bandhavgarh' and 'Pench' are also located nearby.

IIITDM Jabalpur

PDPM IIITDM Jabalpur, an institute born for innovation in engineering, has been established at Jabalpur by Ministry of Human Resource Development, Government of India. The Institute puts a lot of emphasis on cross-disciplinary education and imparting hands-on-experience to its students. The Vision of the Institute is to become a Global Center of Excellence in engineering education and research by building itself as an Enterprise of Knowledge. The Mission of the Institute is to create a multidisciplinary academic environment to prepare and train manpower of excellence for nurturing and promoting knowledge-based activities and innovations. Please visit www.iiitdmj.ac.in to know more about the Institute.

Background

The design paradigm has been changed leaps and bounds since the last decade. The design process adopted by the Indian industry in particular is not keeping pace with the technological developments associated with the modern design technology. Keeping this aim in mind, the Institute is holding the First Design Workshop on **Leading-edge Theories and Practices in Design**. The Workshop would focus on:

- ✳ Leading-edge Product Design
- ✳ Manufacturing technologies facilitating development of advanced product design
- ✳ Advances in fundamental design technologies
- ✳ Role of design software in design advancement

Scope of the Workshop

- ✳ To inculcate the culture of integrating design with production and treating design process with a holistic approach and not in isolation.
- ✳ To create an enabling environment for establishing and incubating design paradigm.
- ✳ To identify the potential areas of design services that the Institute can offer to the industry.
- ✳ To open a dialogue between the Institute and the Industry and evolve an active plan for ensuring continuous interaction with specific goals.

Technical Sessions

There will be a number of technical sessions, which will include lectures and laboratory sessions / introduction of the state of the art design tools. Further, on the last two days of the workshop, tutorials on 'Design Challenges' would be conducted by the people practicing design in industries. Besides, keynote addresses will be delivered during the Opening Session by leading design experts in the globe. The probable topics to be included are:

- ✳ Present and Future Perspectives of Design in India
- ✳ New Developments in Design-Enabling Technologies
- ✳ Fundamentals of Engineering Design
- ✳ Leading-edge Product Design
- ✳ Manufacturing Technologies facilitating development of Advanced Product Design
- ✳ Organizational structure & concerns in Product Design
- ✳ Role of Design Software in Advances of Design

Invited Speakers

- ✳ Professor Imre Horváth, TU Delft, Netherlands
- ✳ Professor Sanjay G. Dhande, Director, IIT Kanpur, India
- ✳ Professor B. Gurumoorthy, IISc Bangalore, India
- ✳ Professor Emeritus M. Kiuchi, University of Tokyo, Japan
- ✳ Professor Emeritus Y. Ito, Tokyo Institute of Technology
- ✳ Professor Ralph Bruder, TU Darmstadt, Germany
- ✳ Dr. Y. Fujita, Toshiba, Japan
- ✳ Mr. K. Kinokiri, Japan Vacuum Industries Association
- ✳ Professor M. Ishizuka, Toyama Prefecture University
- ✳ Professor M. Ishihama, KIAT, Japan
- ✳ Dr. Kuroda, Sumitomo Metal, Japan
- ✳ Mr. Tadashi Sasaki, Torishima, Singapore
- ✳ Mr. Kenji Omoya, Okuma, Japan
- ✳ Professor K.P. Karunakaran, IIT Bombay
- ✳ Mr. Shashikant Khanna, Tata Motors

Registration

Who can register?

The workshop is open to academicians as well as middle and senior industry personnel associated with the design related activities and involved in the design formalization in their organization. Those working in R&D labs are also welcome.

Number of Participants

Number of participants is limited to 60, excluding the speakers. Participants will be screened keeping their background in mind, but those who apply early will be given preference.

Registration Fee

Those interested in participating in the workshop should send the completed registration form, duly forwarded by the Head of their Organization, to the Convener.

Fee:

Participants from Academic Institutions: Rs. 1,000/-

Participants from Industry, R&D organizations: Rs. 2,000/-

The registration fee would cover a part of the expenses on course material, meals during workshop days and local transportation.

A non-refundable **Demand Draft** drawn in favor of “**Design Workshop 2010**” payable at Jabalpur, should reach the Convener not later than 30th September 2010.

Accommodation and Travel Support

Limited accommodation and financial support for travel (from the place of current residence to Jabalpur) would be provided for the participants on first-come-first served basis.

A visit to neighbouring places of tourism, like Kanha national park or Bandhavgarh national park, may be organized by the Workshop Secretariat, on request and payment basis, depending on the number of participating persons.

Organizing Committee

Technical Advisory Committee

Professor Sanjay G. Dhande, Director, IIT Kanpur
Professor H. P. Dikshit, School of Good Governance and Policy Analysis, Bhopal
Professor Anil Gupta, IIM Ahmedabad and National Innovation Foundation
Professor B. Gurumoorthy, IISc Bangalore
Professor Emeritus Y. Ito, Tokyo Institute of Technology
Professor Emeritus M. Kiuchi, University of Tokyo

Steering Committee

Dr. Vijay Kumar Gupta
Dr. P. N. Kondekar
Professor Aparajita Ojha
Professor Amit Ray, Emeritus Fellow
Dr. Tanuja Sheorey
Professor Puneet Tandon

Contact Persons

Convener: Professor Puneet Tandon
Co-Convener: Dr. Prashant Kumar Jain

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Registration Form

Workshop on

“Leading-edge Theories and Practices in Design”

October 11-15, 2010

PDPM IITDM Jabalpur
Jabalpur, MP 482 005 India

Name:

Designation:

Organization:

Contact Address:

E-mail:

Phone:

Fax:

Registration fee details

Amount:

DD Number:

Drawn Bank:

Payable at:

Date:

Place:

Date

Signature

Name, signature & seal of the recommending authority: