

Faculty Development Programme on “Advanced Trends in Mechanical Engineering”

(February 20-24, 2017)



Department of Mechanical Engineering

in collaboration with

Punjab Institute of Technical Teachers Training & Research (PITTR)

(Academic Staff College of I.K. Gujral Punjab Technical University, Kapurthala)

IK Gujral Punjab Technical University, Kapurthala

About PITTR

The institute has been rendering remarkable service to technical education in the country specially in Punjab by offering Training and Faculty Development Programmes. The institute has signed (in a small journey of 4 years) MOU's with prestigious institutes and leading MNC's namely ISTE, NITTR, Infosys, Wipro Mission 10X, IBM and Oracle for undertaking collaborative programmes and projects for the benefit of students and teachers in the technical education institutes.

About Department of Mechanical Engineering

The Department of Mechanical Engineering has been established keeping in mind the growing demand in the field of Mechanical Engineering. The department offers science-based engineering curriculum. The course contents are periodically updated for introducing new scientific and technological developments. Undergraduate students are encouraged to undertake various research projects. The department maintains active research groups for carrying out collaborative and interdisciplinary research.

The faculty members of the department are well qualified, having rich experience in teaching, research and consultancy work. All Faculty members have Ph.D. qualification & excellent academic credentials. They have been conferred with many prestigious awards at national and international levels. Several faculty members serve on the editorial boards of national and international journals, review technical articles for journals on a regular basis, and organize national international symposia and conferences.

Scope of Faculty Development Programme

With the aim to acquaint the participants with present and future technological trends and developments in Mechanical Engineering, this FDP is being organized by I.K. Gujral Punjab Technical University. This FDP covers the scope of advanced trends in Mechanical Engineering such as conventional and non-conventional Manufacturing Processes, Thermal Spray Coating, Fracture Mechanics, Mechanical Characterization of thin films, Finite Element Modeling & Simulation, Composites, Computer-aided Design & Manufacturing, Autonomous actuators, Unmanned vehicles, Nano particle synthesis, Zero emission heat engines, MEMS (Micro-electromechanical systems), Magnetic Resonance damper, Energy & alternative energy resources/systems.

Objective of Faculty Development Programme

- ⇒ To share the ideas regarding various advanced technologies and future research trends.
- ⇒ To enhance knowledge in the field of advanced Mechanical Engineering.
- ⇒ To enrich the analytical skills of academicians and practitioners.
- ⇒ To bring brain storming sessions from different domains.
- ⇒ To explore new research ideas out of these interactive sessions.

Registration Fee: Every participant is required to deposit ₹1000 as registration fee. The duly filled registration form shall be mailed to jujharsingh2085@gmail.com or manojmittal74@gmail.com.

Venue: Seminar Hall (Ground Floor), I.K. Gujral Punjab Technical University, Kapurthala.

Important Dates: Last date of registration: 15-02-2017

Last date of payment for registration: 20-02-2017

General Information:

1. Registration kit and course material shall be provided to the participants.
2. No TA/DA shall be paid to the participants.
3. Accommodation will be provided to participants if required. Prior information is mandatory.
4. For details, please visit pitttr.ptu.ac.in.

Chief Patron

Sh. Rakesh Kumar Verma, I.A.S.

Vice Chancellor

I.K.G. Punjab Technical University, Kapurthala

Patron

Dr. N.P. Singh

Dean P&EP

I.K.G. Punjab Technical University, Kapurthala

Chief Co-ordinator

Dr. Vikas Chawla, Professor

Professor & Head Mechanical Engineering Deptt.

I.K.G. PTU Main Campus, Kapurthala

Coordinators

Dr. Manoj Mittal

Assistant Professor (Mechanical Engineering)

I.K.G. Punjab Technical University, Kapurthala

Dr. Jujhar Singh

Assistant Professor (Mechanical Engineering)

I.K.G. Punjab Technical University, Kapurthala

Dr. Amoljit Singh Gill

Assistant Professor (Mechanical Engineering)

I.K.G. Punjab Technical University, Kapurthala

For any Query Please Contact:

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Assistant Professor (Mechanical Engineering)

I.K.G. Punjab Technical University, Kapurthala

Mob. No. 9478098026/9465884831

Email: manojmittal74@gmail.com/
jujharsingh2085@gmail.com

Organizing Committee

Dr. B.P. Garg (Chief Organiser)

Er. Reetipal Singh, Associate Professor (ME)

Dr. Neelkanth Grover, Associate Professor (ME)

Dr. Deepak Kumar Goyal, Assistant Professor (ME)

Dr. Vivek Aggarwal, Assistant Professor (ME)

Dr. Jaspreet Singh Chahal, Assistant Professor (EE)

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REGISTRATION FORM

Name: Mr./Ms./Dr. _____ (In capital letters)

Academic Qualification: _____

Designation: _____

Department: _____

Organization: _____

Experience: _____ (in years)

Field of Specialization: _____

Address for Correspondence: _____

Mobile No: _____

E-mail ID: _____

Accommodation needed: Yes/No

Signature and Date _____

RECOMMENDATION BY HEAD OF THE INSTITUTE/DEPARTMENT:

The applicant is permitted to attend the Faculty Development Programme

Signature and Seal of Sponsoring Authority

Date _____