# 2nd NATIONAL CONFERENCE ON MECHANICAL ENGINEERING NCME - 2015

(6th & 7th November, 2015)

University Institute of Engineering & Technology, Panjab University SSG Regional Centre, Hoshiarpur



# **REGISTRATION FORM**

(Please fill in blo	ck letters only)		
Name:			
Designation:			
Institution:			
Address for Corr	espondence:		
Contact Number	:E	mail:	
Accommodation	Required:	(Yes/ No)	
<b>Payment Details</b>	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		
DD No:	Date:	Amount:	
On Bank:	Branch:		

Seal & Signature of Head of the Deptt./ Head of the Institution

#### Chief Patron

Prof. Arun Kumar Grover

Vice Chancellor, Panjab University, Chandigarh

#### Patron

Prof. H.S. Bains

Director, Panjab University SSG Regional Centre, Hoshiarpur

#### Conference Chair

Er.Gaurav Saini (ME Deptt.)

#### Conference Co-Chairs

Er. Abhishek Chauhan (ME Deptt.)

Er. Rajeev Kumar Dang (ME Deptt.)

# Organizing Secretary

Mr. B.M. Singh

Er. Ramandeep Singh (ME Deptt.)

#### **Organizing Committee**

Dr. Manu Dogra (ME Deptt.)

Er. Jaswinder Singh (ME Deptt.)

Er. Harkamal Preet Singh (ME Deptt.)

Er. Ravinder kumar Pal (ME Deptt.)

Mr. Vinay Arora (Coordinator Applied Sciences Deptt.)

Er. Mandeep Singh Walia (Coordinator ECE Deptt.)

Dr. Sukhvinder Singh Bamber (Coordinator CSE & IT Deptt.)

Er. Ajay Kumar Saini (ME Deptt.)

Er. Gurwinder Singh (ME Deptt.)

# **Advisory Committee**

Dr. Satya Prakash (Prof. Emeritus, IIT Roorkee)

Dr. M.P. Poonia (Director NITTTR, Chandigarh)

Dr. S.P. Singh (Prof. Mech., IIT, Delhi)

Dr. Buta Singh Sidhu (Dean Academic, PTU Jalandhar)

Dr. Harpreet Singh (Assoc. Prof. Mech., IIT, Ropar)

Dr. R.S. Bharj (Head Mech., NIT, Jalandhar)

Dr. Alakesh Manna, (Prof. & Head Mech, PEC University of Tech., Chd)

Dr. Rajesh Kumar (Prof. Mech., SLIET, Longowal)

Dr. S.S. Dhami (Prof. Mech., NITTTR, Chandigarh)

Dr. T.S. Sidhu (Director, SBSSTC, Ferozepur)

Dr. Nirmal Singh (Director, P.I.T., Hoshiarpur)

Dr. Sehijpal Singh (Prof. Mech. GNDEC Ludhiana)

Dr. S.S. Jolly (Prof. Mech.), M.M. University, sadopur, Ambala

### For Any Queries, Please Contact

Conference Chair : +91-9888577591

Co- Conference Chair : +91-9855006798, +91-9501866990. Organizing Secretary : +91-8146888226, +91-9815067970

# 2nd NATIONAL CONFERENCE ON MECHANICAL ENGINEERING NCME - 2015

(6th & 7th November, 2015)





# Organized by:-

University Institute of Engineering & Technology,
Panjab University SSG Regional Centre,
P.O. Allahabad, Bajwara, Una Road
Hoshiarpur – 146021

Phone : 01882 - 282617 Fax : 01882 - 282221

Website : www.ssgpurch.puchd.ac.in E-mail : ncme2pussgrc@gmail.com

#### About Hoshiarpur (Punjab)

Hoshiarpur is a district of the state of Punjab in northern India. It is one of the oldest districts of Punjab. The region is known as Land of Saints. It is situated in the Shivalik Hills, which are foothills of the Himalayas. Hoshiarpur is also known as the door to Himachal and Himalayas.

#### Panjab University, Chandigarh

Panjab University is the fourth Oldest University of the Country. It was established in 1882 at Lahore (now in Pakistan). The University acquired this campus at Chandigarh in 1955-56. It is a University of national character and stature by virtue of its age, experience, achievements and philosophy. The University has 188 affiliated colleges spread over Punjab and also has one Rural Regional Centre at Kauni, and 3 Regional Centres at Muktsar, Ludhiana and Hoshiarpur.

#### Panjab University SSG Regional Centre, Hoshiarpur

Panjab University SSG Regional Centre (PUSSGRC), Hoshiarpur established in 2006 is an off-campus Establishment of Panjab University, Chandigarh, Within a short span, it has set Quality Standards in Education.

The Constituent Institutes of this Campus are

University Institute of Engineering and Technology

Department of Computer Science and Applications

University Institute of Legal Studies

#### Department of Mechanical Engineering

The Department of Mechanical Engineering came into its existence right from the inception of the Regional centre in the year 2006. The department started offering undergraduate courses leading to four year Bachelor of Engineering (B.E) degree in Mechanical Engineering in the year 2006.



#### Conference Objective

The Objective of "2nd National Conference on Mechanical Engineering" (NCME-2015) is to bring Researchers and Experts from academia and industry on a common platform to discuss, share and create awareness about the latest technologies adopted in the field of Mechanical Engineering. It will help in bridging the gap between academia, research and industry, which is need of the day.

#### Conference Topics

- . I.C. Engines
- · Heat transfer
- Fluid Mechanics/ Fluid Machinery
- · Refrigeration and Air Conditioning
- · Fuel Propellants
- · Machine Design ,CAD/CAM
- · Vibration and Noise
- · Robotics, Mechatronics
- · Artificial Intelligence and Optimization Techniques.
- · Conventional and Non-conventional Manufacturing Processes
- . CAM, FMS, CAE, CIMS, RPT, FEM, CAPP
- . Quality control and Management, JIT, TQM,
- · Nano technology, Advanced Materials.
- Fracture Mechanics
- · Renewable energy Resources
- Computational Fluid Dynamic
- Surface Engineering
- . Modeling and simulation
- Cryogenics
- Tribology
- · Machine Design and dynamic

# The topics are indicative but not limited to these.

## Paper Format and Submission:-

Authors are requested to send Soft Copy of the Original and Full Length Paper Contributions of ongoing and unpublished research to ncme2pussgrc@gmail.com. The maximum length of Full Paper is six pages. The paper should be in the IEEE Double Column Format and must include Title, Authors, Address, Phone number and email. Authors will be notified about the acceptance/revision/rejection of the paper by email only.

#### Paper Important Dates

Full length paper Submission	24th Sep., 2015
Paper Acceptance Notification	18th Oct., 2015
Registration closes	1st Nov., 2015

#### Registration Fee

	Indian (Ks)
Delegates from industry	5000
Delegates from Academics	1200
Students / Research Scholar	750
Participant (Without paper presentation)	750

#### Mode of Payment

Payments can be made by Demand Draft drawn in favor of "Director, PUSSGRC, Hoshiarpur" Payable at Hoshiarpur, Punjab.

#### Location



8 km from Hoshiarpur Bus Stand 7 km from Hoshiarpur Railway Station 130 km from Chandigarh 50 km from Jalandhar Nearest Airport (Amritsar- 123 km, Chandigarh-145 km)

### **Nearby Places to visit**

- · Chintpurni Temple (52 km)
- · Golden Temple (112 km)
- Wagha Border (144 km)
- Jwala ji Temple (73 km)
- Naina Devi Temple (100 km)