

National Conference on Recent Trends in Mechanical Engineering

NCRTME - 2016

First Notification

28 – 29 April 2016

Organized by



Mechanical Engineering Department
JNTUH College of Engineering Hyderabad
(Autonomous)
Hyderabad 500085

Objective of the Program

In the recent years, the research in Mechanical Engineering has progressed towards emerging areas such as processing of advanced materials, micro/nano manufacturing, microfluids, energy harvesting and utilization, biomechanics, medical robotics and precision mechatronics.

The main objective of the conference is to create awareness among young Mechanical Engineers about the current advances of research and importance of the knowledge of solving real life and industrial problems in the process of achieving the individual, collective and societal goals with sustainable technology, processes and products. The conference aims at inspiring young minds by presenting a platform to listen to eminent researchers and achievers and also to present their work in front of experts and peers.

The department proudly presents this National Conference in the honor of Dr. T. Kishen Kumar Reddy on the occasion of his superannuation in April 2016. Dr. Kishen K. Reddy is among few who are considered as out of box thinkers and doers. Dr. Reddy insists that the research should also consider real life and industrial problems for which the collaborations at different levels with industries, R&D departments and organizations is preliminary requirement. He is instrumental in spreading the awareness about research grants, IPR and research methodology. Dr. Reddy is the recipient of many research projects and very often people appreciate his honest research in whatever field he chooses.

The main topics of the workshop include but are not limited to

- (A) Thermal Engineering**
- (B) Manufacturing Engineering**
- (C) Materials Engineering**

- (D) Design Engineering**
- (E) Industrial Engineering**
- (F) Autotronics**

About JNTUHCEH and Mechanical Engineering Department

JNTUH College of Engineering Hyderabad, Kukatpally, Hyderabad since its inception in the year 1965 earned great reputation and fame not only in the state of Telangana and in India but also all over the world. In 2008, when JNTU is divided into four universities by the Ordinance of the Govt. of A.P., the college is retained as a constituent college of JNT University Hyderabad and was renamed as JNTUH College of Engineering Hyderabad.

The Department of Mechanical Engineering is one of the departments existing since 1965, the year of inception of the college. The Department offers five PG programs on regular and part time basis in addition to the regular UG program and Integrated program, IDP. M.Tech in Engineering Design has been started in 2010 which attracts meritorious students, in addition to M.Tech in Thermal Engineering and Advanced Manufacturing Sciences which are offered on regular and part time basis. M.Tech in Industrial Engineering and Management is offered on part time basis exclusively to cater to the needs of people from industry, who wish to pursue higher studies in the field of engineering and management. In addition, the department has several MOU programs with foreign universities.

Call for Papers

The conference will consist of both invited lectures by eminent scientists and oral/ poster presentation by young researchers. Those who wish to participate in the conference can send drafts of full papers of their work in English as per the template enclosed in the website:

www.jntuhceh.ac.in, along with title, authors, mailing address with telephone numbers to the organizing secretary.

Chief Patron: Smt. Shailaja Ramaiyer,
Vice Chancellor I/c, JNTUH

Co-Patron: Dr. N. Yadaiah
Registrar, JNTUH

Chairman: Dr. A. Govardhan
Principal, JNTUHCEH.

Co- Chairman: Dr. M. Sreenivasa Rao
Head, MED

Organizing Secretary: Dr. P.Bhramara
Associate Professor MED

Important Dates

Announcement & Call for papers: 28-01-16
Deadline for full paper submission: 29-02-16
Notification to author: 15-03-16
Registration and accommodation: 30-03-16
Dates of Conference: 28-04-16 and 29-04-16

Registration Fee

Faculty: Rs. 3000/- only per Author
Students and Research Scholars and Participants:
Rs. 1500/- only per Head
Participants from Industry: Rs. 5000/- only

Scientific Committee:

Dr. T. Kishen Kumar Reddy, Professor
Dr. A.V. Sita Rama Raju, Professor
Dr. K. Vijay Kumar Reddy, Professor
Dr. B. Sudheer Prem Kumar, Professor
Dr. A. Chennakesava Reddy, Professor
Dr. K. Eshwara Prasad, Professor
Dr. Bhaskar Mazumdar, Scientist 'F', DMRL, Hyd
Dr. Seshu Kumar, Scientist 'F', IICT, Hyd

Dr. Suresh Akella, Ex GM, TDC, Tecumseh Ltd.,
Mr. M. Naveen, Engineering Director, Tecumseh Ltd.,

Organizing Committee:

Dr. M. Manzoor Hussain, Professor
Dr. B. Anjaneya Prasad, Professor
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Dr. M.T. Naik, Professor
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Dr. A. Jaya Lakshmi, Professor
Dr. M. Vidya Sagar, Assoc. Professor
Dr. P. Prasanna, Asst. Professor
Mr. A. Bala Ram Naik, Asst. Professor

Address for Correspondence

Organizing Secretary - NCRTME
Dept of Mechanical Engineering
JNTUHCEH, Hyderabad – 85.
Mail to: osnrtme2016@jntuh.ac.in
Contact No: 9848117630

Highlights of the Conference:

- Invited Lectures on New and Emerging Fields by eminent Scientists and Researchers
- Paper Presentation
- Poster Presentation by Students of UG and PG Engineering Courses

Registration Form

National Conference on

Recent Trends in Mechanical Engineering 28-29 April 2016

Name: _____

Highest Qualification: _____

Designation: _____

Organization: _____

Address: _____

Email ID: _____

Phone No: _____

Accommodation: Y/N

Date: _____ Signature

(seal) _____ Signature of
sponsoring authority