

# National Conference On Recent Trends in Mechanical Engineering

**NCRTME - 2016**

28 – 29 April 2016

*Under the Aegis of*



**ISHRAE**

Indian Society of Heating, Refrigerating & Air Conditioning Engineers

*Organized by*



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

*Sponsored by*

**TEQIP II, JNTUHCEH**

*Co-Sponsored by*



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## Objective of the Program

In recent years, 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 research and development 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 interact with eminent researchers and achievers and also to present their work in front of experts and peers. The conference has already attracted several collaborations from industries in the vicinity.

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. 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 the Education Times magazine, JNTUH CEH was rated in the top 20 Engineering Colleges in the country.

The Department of Mechanical Engineering exists since 1965, and several programs are accredited by NBA. The Department offers five PG programs on regular and part time basis in addition to the regular UG program and Integrated program, IDP and MoU based dual degree programs with Blekinge IT, Sweden and AIT, Bangkok.

## About ISHRAE:

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE), was founded in 1981 at New Delhi by a group of eminent HVAC&R professionals. ISHRAE operates from 41 Chapters and sub Chapters spread all over India, with HQ in Delhi. One of the most important objectives of ISHRAE is to offer Training Programs, and this is attempted at various levels. ISHRAE promotes research in the field of HVAC&R technology. It offers financial support to Graduate/Post Graduate students, to carry out innovative work on R & D in Technology, Systems and Processes.

## Call for Papers

The conference comprises of both invited lectures by eminent scientists and oral/poster presentations 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 of IJSER, [www.ijser.org/csp.aspx](http://www.ijser.org/csp.aspx) along with the 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

**Deadline for full paper submission: 31-03-16**

**Notification to author: 04-04-16**

**Registration and accommodation: 11-04-16**

**Dates of Conference: 28-04-16 and 29-04-16**

*The selected papers will be published in the International Journal of Scientific and Engineering Research, IJSER. For the format for submission of paper visit, [www.ijser.org/csp.aspx](http://www.ijser.org/csp.aspx)*

### 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

*The DD may be paid in the name of the “Organizing Secretary, NCRTME 2016” and to be sent along with the Registration form on or before 11-04-2016.*

### 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

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Shri. M. Naveen, Engineering Director, Tecumseh Ltd.,

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Dr. P. Prasanna, Asst. Professor

Shri. A. Balaram Naik, Asst. Professor

### Address for Correspondence:

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Dept of Mechanical Engineering

JNTUHCEH, Hyderabad – 85.

Mail to: [osncrtme2016@jntuh.ac.in](mailto:osncrtme2016@jntuh.ac.in)

Contact No: 9848117630

### Highlights of the Conference:

- Invited Lectures by eminent Scientists and Researchers
- Paper Presentations
- Poster Presentations by Students of UG & PG Engineering Courses

### Conference Sponsorship

Event Sponsorship: Rs. 30,000/- to

Rs. 50,000/- (Technical Paper Presentation or Poster Presentation)

Product Exhibition: Rs. 25,000/-

Stalls: Rs. 10,000/-

Lunch (Each Day): Rs. 20,000/-

## 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

D.D. No \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_ Signature

(seal)

Signature of  
Sponsoring Authority