

Chief Patron : **Sri. Vikas Raj**, IAS
Incharge Vice Chancellor, OU

Patrons : **Prof. V.S.S.Kumar**
Principal, University College of Engg., OU
Dr. G. Satheesh Reddy
Distinguished Scientist and Director, RCI, Hyd.

Conference Chairman : **Prof. Sriram Venkatesh**, Head
Conference Co-chairman : **Sri Y.Sreenivas Rao**
Project Director, Programme AD, DRDO, Hyd.

Organising Secretary : **Prof.A. Krishnaiah**
Conveners : **Dr.Narsimhulu Sanke**
Assistant Professor
Dr. L.Siva Rama Krishna
Assistant Professor

ADVISORY COMMITTEE

Prof. A.Venugopal Reddy, Dean, FOE, UCE, OU, Chairman
Prof. S. Ramachandram, Vice - Principal, UCE, OU, Co-Chairman
Sri. Shujayat Khan, Principal Director, CITD, Hyd.
Prof. B.Chennakesava Rao, Principal, CBIT, Hyd.
Dr. G. V. Ramana Murthy, Principal, VCE, Hyd.
Prof. P.A.Sastry, Principal, MVSR, Hyd.
Dr. D. Hanumantha Rao, Principal, MECS, Hyderabad
Prof. Basheer Ahmed, Director cum Advisor, MJCET, Hyd.
Prof. M.A. Mallik, Principal, DCET, Hyd.
Prof. S. Venkateshwar, Principal, MCET, Hyd
Ln. D. Linga Reddy, Secretary & Correspondent, SITS, Hyd
Sri. N. Ravichander, Executive Director, BHEL, Hyd.
Dr. G. Madhusudhan Reddy, Scientist G, DMRL, Hyd.
Dr. S. Satyanarayana, Director, APLMEC Systems, Hyd
Mr. P. Sathaiah Potana, Vice President, SatyamVenture, Hyd.

ORGANISING COMMITTEE

Prof. P. Laxminarayana, Chairman
Prof. P. Usha Sri, Co-Chairperson
Mr. K. Mohan Murali, Associate Professor
Mr. V. Nageswara Rao, Associate Professor
Dr. R. Rajendra, Associate Professor
Mr. V. Uma Maheswar, Associate Professor
Mr. M. Chandra Sekhar Reddy, Associate Professor
Dr. P. Ramesh Babu, Associate Professor
Mrs. K. Saraswathamma, Assistant Professor
Mr. G. Narendra, Assistant Professor
Mr. B. Hadya, Assistant Professor
Mr. E. Madhusudan Raju, Assistant Professor
Dr. K. Buschaiah, Scientist / Instrumentation Engineer
Mr. G. Venkateswarulu, Assistant Professor (C)
Mr. K.L. Uday Kiran, Assistant Professor (C)
Mr. K. Venkateswarulu, Assistant Professor (C)
Mr. U. Ashok Kumar, Assistant Professor (C)
Mr. M. Prakash, Assistant Professor (C)

CONTACT DETAILS

Prof. SRIRAM VENKATESH,
Head and Chairman, ETIME-2014
Department of Mechanical Engineering
University College of Engineering (Autonomous)
Osmania University, Hyderabad-500 007, Telangana State.
Mobile : 07093138208

Organising Secretary : **09440834065**
Conveners : **09885415325, 07659074564**
Office Phone No. : **040-27097346, 27682317**
E-mail : **etime2014@gmail.com**

IMPORTANT DATES

Submission of full paper : 15 November, 2014
Notification of acceptance : 25 November, 2014
Submission of final paper : 30 November, 2014

REGISTRATION

The selected participants should register by sending the duly filled in registration form along with the registration fee on or before 5th December, 2014. Only registered candidate's papers will be considered for publication in the conference proceedings with ISBN number.

FEE STRUCTURE

Category	Fee (Per person / paper)
Delegates from R & D Organizations & Industry	Rs. 5000/-
Faculty from Academic Institutions	Rs. 2500/-
PG Students & Research Scholars.	Rs. 1000/-

TRAVEL & ACCOMMODATION

Travel and accommodation expenses are to be borne by the participants only. Participants have to arrange on their own for accommodation. However, limited accommodation will be provided for outstation delegates on payment basis depending on the availability in the University Guest House and delegates are required to indicate the same in advance.

SPONSORSHIP

Diamond Sponsor	: Rs. 1,50,000/-
Golden Sponsors	: Rs. 1,00,000/-
Silver Sponsors	: Rs. 50,000/-

Five, Four, and three delegates can be deputed at free of registration cost for Diamond, Golden and Silver sponsors respectively.

PRODUCT EXHIBITION

Mechanical software organizations, equipment manufacturers, suppliers and publishers can exhibit their products in a stall at the conference and the corresponding product exhibition fee is **Rs. 10,000/-**



Department of Mechanical Engineering PLATINUM JUBILEE YEAR CELEBRATIONS

NATIONAL CONFERENCE on EMERGING TRENDS IN MECHANICAL ENGINEERING (ETIME -2014)

29 - 30 December, 2014



Organized by
Dept. of Mechanical Engineering
University College of Engineering
Osmania University Hyderabad-500 007,
Telangana State, India



In Association with
Defence Research and
Development Organisation (DRDO)
Ministry of Defence, Govt. of India
Hyderabad

ABOUT COLLEGE OF ENGINEERING (Autonomous)



The University College of Engineering (UCE) has the distinction of being the oldest and the biggest among the Engineering Colleges of the States of Telangana and Andhra Pradesh. Established in the year 1929, eleven years

after the formation of Osmania University, it is the 6th Engineering College to be established in the whole of British India. The College moved to its present permanent building in the year 1947. Today it is the biggest among the campus colleges of Osmania University. The Golden Jubilee of the College was celebrated in 1979, the Diamond Jubilee in 1989 and the Platinum Jubilee in 2004. The College was made autonomous in 1994. The College offers four-year engineering degree courses leading to the award of Bachelor of Engineering (B.E.) in Biomedical Engineering, Civil Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communications Engineering and Mechanical Engineering. The College also offers courses leading to Master of Engineering/Technology, Ph.D., in various branches of Engineering and Master of Computer Applications, Master of Science by Research. Part-time courses are offered at postgraduate levels. As of today, there is a yearly intake of 320 undergraduate students and 784 postgraduate students (full-time and part-time) excluding 100 foreign students.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 1939 at University College of Engineering, Osmania University. It has since then grown significantly by spreading its academic activities in offering various programmes at Undergraduate, Post Graduate and Doctoral level. Currently each year the Department admits 60 students for the Undergraduate programme and 66 for the Post Graduate courses (Production Engineering, Turbo machinery and Automation & Robotics) in regular stream and 45 in part time Production Engineering, Automation & Robotics and Turbo machinery streams. The Department also admits 96 students for Post Graduate courses (CAD/CAM, Tool Design and DFM) offered in Collaboration with CITD. The Department receives research and modernization grants from UGC, MHRD, AICTE and TEQIP. So far the department has awarded 95 Ph.D's. Currently 150 Doctoral Students are on rolls. The department has well equipped laboratories to facilitate opportunities for experimentation in the areas of Rapid Prototyping, CAD/CAM, Machine Tools & Metrology, Production Engineering, Materials Testing, Metallurgy & Material Science, Thermal Engineering and Heat Transfer. Recently the Rapid Prototyping Center has been awarded the "Academic Research Award of Excellence" by Additive Manufacturing Society of India.

ABOUT HYDERABAD & COLLEGE LOCATION

Hyderabad is historical city which is more than 400 years old with a rich cultural heritage and exists along with the ultra modern infrastructure. Known as the City of Pearls, it is now globally famous as an IT hub, and also it has many prestigious Educational, Industrial, Defence and R&D organizations like CITD, BHEL, BEL, NMDC, NGRI, NFC, HAL, NFTDC and DMRL, DRDL, RCI, BDL, CCMB, IICT etc. The college is located 8 km from Secunderabad Railway station, 10 km from Hyderabad Nampally Railway station and 35 km from Rajiv Gandhi International Airport Shamshabad.

CONFERENCE THEME AND TOPICS

The conference Theme is "Enhancing Efficiency of Organizations through Innovative Methods in Mechanical Engineering". The main objective is to focus on the emerging trends in Mechanical Engineering and provide a common platform to exchange knowledge in the context of global competitiveness and rapidly advancing technologies. The conference will cover a wide range of topics which include but are not limited to :

- ✓ Engineering Materials, Mechanical Design
- ✓ Tribology, Vibration and Condition Monitoring
- ✓ Maintenance and Reliability Engineering
- ✓ Manufacturing Process and Technology
- ✓ CAD/CAM/CIM/FMS/ ROBOTICS/RPT
- ✓ IT and Internet Applications in Manufacturing
- ✓ Industrial Engineering & Operations Management
- ✓ Lean and Agile Manufacturing
- ✓ Modeling and Simulation
- ✓ MEMS, NEMS and Nano Technology
- ✓ Thermal Engineering, Heat and Mass Transfer
- ✓ Refrigeration & Air conditioning
- ✓ Combustion Engineering, CFD
- ✓ Energy Systems, Non Conventional Energy etc

SUBMISSION GUIDELINES

Authors are required to submit full length paper including figures, graphs, tables, references etc. not exceeding 6 pages. The manuscript should be in MS-word and strictly as per the template given in the University College of Engineering, Osmania University website www.uceou.edu. Submit full length paper by email: etime2014@gmail.com. After intimation of acceptance, soft copy of the camera ready paper should be submitted along with the registration form and fees to the address mentioned under contact details. The registration fee should be paid in the form of DD or Banker's Cheque (for local candidates) in favour of "The Chairman, ETIME- 2014, OU", payable at Hyderabad.

REGISTRATION FORM

PLATINUM JUBILEE YEAR CELEBRATIONS

NATIONAL CONFERENCE

on

EMERGING TRENDS IN MECHANICAL ENGINEERING

(ETIME - 2014)

(29 - 30 December, 2014)

1. Name.....

2. Designation

3. Title of the paper

.....

4. Name the Organization

.....

5. Address for Correspondence

.....

.....

Phone No.....

E-Mail.....

6. Accommodation Required: YES/NO

7. Registration details

Category:

(Industry /Academic / PG student & Research Scholar)

D.D.No. Dated:

Amount: Bank Name:

Place:

Date:

Signature of the Applicant

Signature of
Head of Institution / Dept.

:- DECLARATION BY AUTHOR :-

This paper has neither been published nor under consideration for publication elsewhere. I/we confirm that this work is original for consideration in the ETIME- 2014, OU conference.

Signature: _____

Name: _____

Place: _____ Date: _____

Note: Photocopy of the Registration Form can be used.