Participants
Faculty Members from AICTE approved Engineering Colleges, research scholars and delegates from Industries.

FREE Accommodation in Hostels (Boarding and Lodging)

Registration and Fee
Participants have to submit the scanned copy of the registration form in the prescribed format only through email to regaraj@gmail.com. Registration will be done on “First Come First Serve” basis. The number of participants is limited to 50. A course fee of Rs.500=00 (Five hundred only Refundable) in the form DD in favour of The HEAD, Mechanical Engineering Dept, Engineering College, Osmania University, Hyderabad, 7 payable at Hyderabad. The Industry participants should pay Rs.2000=00 as registration fee.

COURSE MATERIAL – Relevant course material in the form books and notes

Important Dates
Last date for Registration : 01-06-2013
Intimation of Selection : 03-06-2013
Workshop Date : 10-14 June 2013

General Information
Participants are requested to make their own arrangements for their stay and travel. As seats are limited, early registration is appreciated. Intimation of selection will be done through e-mail only.

Address for Communication
Coordinator: Dr. R. Rajendra,
Department of Mechanical Engineering
University College of Engineering (Autonomous)
Osmania University, Hyderabad– 500 007
Mobile: 9494 560 763
Office Phone No. 040-27097346
Email: regaraj@gmail.com

CHIEF PATRON
Prof. S. Satyanarayana, Vice Chancellor,
Osmania University

PATRON
Prof. V. S. S. Kumar, Principal, UCE, OU.

CHAIRMAN
Prof. S. Venkatesh, Head MED, UCE, OU

COORDINATOR
Dr. R. Rajendra
Associate Professor

ADVISORY COMMITTEE
Dr. A. M. K Prasad, Professor
Dr. P. Laxminarayana, Professor
Dr. A. Krishnaiah, Associate Prof
Prof. Ananth Raj, ECE, UCE, OU

ORGANISING COMMITTEE
Mr. U. Ashok Kumar Asst. Professor (C)
Mr. M Prakash Asst. Professor (C)

Short Term Course
Knowledge based systems in Engineering
(Under TEQIP-II) from 10-14 June, 2013

Organized by

Mechanical Engineering Department
University College of Engineering
Osmania University, Hyderabad 500 007

Telephone: 040-27682317
E-mail: med.ouce@gmail.com
www.ouceou.edu
OBJECTIVES OF ABOUT THE WORKSHOP


Neural Networks: Training of neural networks: learning methods: supervisory, unsupervised, incremental, batch modes of learning

Combined GA-FL, GA-NN and NN-FL

Multi-objective GA (NSGA-II)

Single and Multi-objective optimisation using Particle Swarm optimisation algorithm (PSO)

(NOTE: C, C++, MATLAB Programming language is suitable)

ABOUT COLLEGE OF ENGINEERING (A), OU

The University College of Engineering (UCE) has the distinction of being the oldest and the biggest among the Engineering Colleges of the State of Andhra Pradesh. Established in the year 1929, eleven years after the formation of Osmania University, it was 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 and Engineering, Electrical and Electronics Engineering, Electronics and Communications Engineering, and Mechanical Engineering. The College also offers courses leading to the award of Master of Computer Applications, Master of Science by Research and also Master of Engineering/Technology and Ph.D., in the various branches of Engineering. Part-time courses are offered at postgraduate levels. As of today, there is a yearly intake of 320 undergraduate students (full-time) and 290 postgraduate students (full-time and part-time). Here are 109 teaching staff members, including 24 professors.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering was established in the year 1939 at University College of Engineering, Osmania University to offer five-year Degree Program with an initial intake of 50 students. It has since then grown significantly by spreading its academic activities in offering courses at Undergraduate level as well as Post Graduate level. Currently each year the department admits 60 students for the Undergraduate programme and 64 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 stream. The Department also admits 60 students for Post Graduate courses (CAD/CAM and Tool Design) offered in Collaboration with CITD. The Department receives research and modernization grants from UGC, MHRD, AICTE and TEQIP. So far the department has produced 60 Ph.D’s. The Department has well equipped laboratories to facilitate opportunities for experimentation in the areas of Rapid Prototyping, CAD/CAM, Machine Tools & Metrology, Production Technology, Material Testing, Metallurgy & Material Science, Thermal Engineering and Heat Transfer. So far 80 research scholars were awarded Ph.D degrees in the department.

Speakers:

Prof. Dilip Kumar Pratihar, IIT Kharagpur,
Prof. Ashish Ghosh, ISI Kolkata,
Prof. V.Pandu Ranga, MIC CoE
Dr. Somak Datta, BITS Ranchi,
Dr. L.Sivaramakrishna, OUCE, OU.
Prof. Ananth Raj, ECE, OU, OU
Dr.R.Rajendra, MED, OUCE.
Dr.Lokender Reddy, EEE, OUCE, OU