

National Conference on

Energy and Manufacturing Scenario – 2015

“NCEMS – 15”

14th March 2015

Call for Papers



Organized by
Department of Mechanical Engineering

KINGS COLLEGE OF ENGINEERING

Punalkulam, Thanjavur-613 303.

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ABOUT THE INSTITUTION:

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and under-privileged students of this region. KCE has been started during 2001 and run by Raj Educational Trust (RET), KCE is approved by All India Council of Technical Education (AICTE), New Delhi and is affiliated to the Anna University, Chennai. KCE has acquired ISO certification by TUV, Rheinland, Germany and Accredited by NBA. Six U.G. (B.E., B.Tech.,) and four P.G. (M.E.,) programmes are being offered. KCE has been recognized as a Research Center by the Anna University, Chennai for Mechanical Engineering and ECE Departments.

The institution provides all basic and advanced amenities to the students and the faculty members as well. Utmost importance is given for quality education through modern teaching methodologies. Most modern and sophisticated laboratories, well qualified and experienced faculty members are the assets of the institution. The institution grows at a faster pace as it has a very sound management, willing to do everything needed for making it a great institution.

OUR DEPARTMENT:

The department of **Mechanical Engineering** was started in the year 2006, offering both UG and PG programmes. The Department offers 4 years B.E. Degree Programme in 'Mechanical Engineering' and 2 years M.E. Degree Programme in 'Thermal Engineering'. The mission of the department is "To educate students to become globally competent". The department of mechanical engineering shares the mission and vision of the institution in imparting quality education to the students. We have a team of highly experienced and dedicated faculty to impart quality education to the students. We also have well established laboratories to provide practical exposure to the students. The department has been recognized as a research center by the Anna University, Chennai to carry out Full time/Part Time research leading to Ph.D. Degree in Mechanical Engineering.

CONFERENCE OBJECTIVE:

The conference aims at bringing researchers, academicians, practicing engineers and industrialists on to a common platform which provides a national forum for researchers to exchange of ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in engineering sciences. The papers are invited from Post Graduate students / Researchers / Practicing Engineers and R & D Personnel. The NCEMS -15 significantly benefits a wide variety of academic and industrial sectors.

CONFERENCE THEMES:

MANUFACTURING

- RPT / Finite Element
- Unconventional Machining Processes
- Welding & Casting
- Nano Technology
- Composites / Advanced Materials
- CAD / CAM / CIM
- Advanced Manufacturing Techniques
- Lean Manufacturing/ANN

ENERGY

- Thermal Engineering
- Renewable Energy Management
- Solar Energy
- Wind Energy
- Advanced Heat Transfer
- Tidal Energy
- Energy Storage Technologies
- Biomass Gasification

PAPER SUBMISSION:

Original research and unpublished papers are invited in the above list of themes. The authors are requested to submit an abstract not exceeding one page. It should carry the name and address of the author(s) with their affiliation (including phone number and E-mail). The abstract may also be sent through E-mail (ncems15@gmail.com).

PAPER FORMAT:

Size A4, Single column, maximum no. of pages not exceeding 8 pages, Font- Times New Roman, Size-12 with 1.5 line space

REGISTRATION:

At least one author per paper and all other participants should register on or before the deadline. All delegates and authors will have to confirm their participation by E-mail.

REGISTRATION FEE:

Post Graduate Students	: Rs.500
Research Scholars and Practicing Engineers	:Rs.600
R&D Personnel	:Rs.750

Registration fee includes conference Kit, proceeding copy & refreshment. Fee should be sent by Demand Draft in favour of "The Principal, Kings College of Engineering" payable at Thanjavur. For details visit <http://www.kingsindia.net>

Conference Publication:

Selected papers will be published in any of the following International Journals.

- International Journal of Core Engineering and Management (IJCEM)
- International Journal of Emerging Trends Science and Technology. (IJETST)
- International Journal of Engineering Science and Technology. (IJEST)
- International Journal Innovating Research in Science, Engineering and Technology. (IJIRSET)
- International Journal of Advanced Research Trends in Engineering and Technology. (IJARTET)

VENUE:

The college is located 15Km from Thanjavur Railway station and 10Km from Thanjavur New Bus Stand. (Between Thanjavur and Pudukkottai Highway)

IMPORTANT DATES:

Submission of abstract	: 03.02.2015
Notification of Acceptance:	17.02.2015
Submission of full paper with Registration fee	: 25.02.2015
Conference Date	: 14.03.2015

ADDRESS FOR COMMUNICATION:

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REGISTRATION FORMAT:

Participants are requested to retype the given format and send it by post or by email

National Conference on Energy and Manufacturing Scenario - 2015 (NCEMS-15)

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Registration Category: Post Graduate students / Researchers / Practicing Engineers / R & D Personnel.

Signature of the Applicant

Signature of the Sponsoring Authority with seal