

National Conference
on
**Energy and
Manufacturing
Scenario – 2022**

“NCEMS – 2022”

09th June 2022

Call for Papers



Organized by
Department of Mechanical Engineering
KINGS COLLEGE OF ENGINEERING
Recognized under 2(f) & 12(B) of UGC
A NAAC Accredited Institution, Approved by AICTE &
Affiliated to Anna University
Punalkulam, Near Thanjavur,
Pudukkottai Dist – 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 was established in the year 2001 and run by Raj Educational Trust (RET). KCE is approved by All India Council of Technical Education (AICTE), New Delhi, affiliated to Anna University, Chennai and recognized under 2(f) & 12(B) of UGC. KCE is accredited by NAAC. Five U.G. (B.E.) and four P.G. (M.E.) programmes are being offered.

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 this 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. The Department offers 4 year B.E. Degree Programme in 'Mechanical Engineering' and 2 year M.E. Degree Programme in 'Thermal Engineering' with Anna University approved research centre. The mission of the department is "to educate students to become globally competent". The department shares the mission and vision of the institution in imparting quality education to the students. The department has well established laboratories to provide practical exposure to the students and dedicated faculty team.

CONFERENCE OBJECTIVE

The conference aims at bringing researchers, academicians, practicing engineers and industrialists to a common platform which provides a national forum for researchers to exchange ideas in recent advances on various aspects of theories, analysis, experimentation and computational methods in Energy and Manufacturing Scenario. Papers are invited from Post Graduate students / Researchers / Practicing Engineers and R & D Personnel. The NCEMS-2022 significantly benefits a wide variety of academic and industrial sectors.

CONFERENCE THEMES

MANUFACTURING

- FEA
- Unconventional Machining Processes
- Welding & Casting
- Nano Technology
- Materials-Composites
- 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 (ncems22@gmail.com).

PAPER FORMAT

Size A4, Single column, maximum no. of pages not exceeding 8 pages, Times New Roman, 12 font size with 1.5 line spaces.

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 online registration.

REGISTRATION FEE

UG / PG Students :Rs.250

Research Scholars and Practicing Engineers :Rs.500

R&D Personnel & Faculty members :Rs.750

Registration fee includes Conference Kit, copy of the conference proceedings. Fee should be sent by Demand Draft in favor of "The Principal, Kings College of Engineering" payable at Thanjavur. For details visit <http://www.kingsengg.edu.in>

CONFERENCE PUBLICATION

Selected papers will be published in anyone of the following journals.

- International Journal of Core Engineering and Management (IJCEM)
- International Journal of Trend in Scientific Research and Development. (IJTSRD)
- International Journal of Engineering Science and Technology. (IJEST)
- International Journal of Innovating Research in Science, Engineering and Technology. (IJRSET)

LOCATION

The college is located 15km from Thanjavur Railway station and 10km from Thanjavur New Bus Stand.

IMPORTANT DATES

Submission of abstract : 20.05.2022

Notification of Acceptance: 23.05.2022

Submission of full paper : 25.05.2022

Conference Date : 09.06.2022

ADDRESS FOR COMMUNICATION

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Mobile : 63803 56560

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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 - 2022 (NCEMS-2022)

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

Signature of the Applicant

**Signature of the
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