

*National Conference on*

# Energy and Manufacturing Scenario – 2020

**“NCEMS – 2020”**

**28<sup>th</sup> March 2020**

**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, 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 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, recognized under 2(f) & 12(B) of UGC and 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 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. The Department offers 4 year B.E. Degree Programme in 'Mechanical Engineering' and 2 year M.E. Degree Programme in 'Thermal Engineering'. The mission of the department is "to educate the 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 Mechanical engineering. Papers are invited from Post Graduate students / Researchers / Practicing Engineers and R & D Personnel. The NCEMS-2020 significantly benefits a wide variety of academic and industrial sectors.

## CONFERENCE THEMES

### MANUFACTURING

- RPT / 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 ([ncems2020@gmail.com](mailto:ncems2020@gmail.com)).

## PAPER FORMAT

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

## REGISTRATION

At least one author per paper should register for presentation. Mere participation is also allowed against registration. All delegates and authors will have to confirm their participation by online registration.

## REGISTRATION FEE

UG / PG Students :Rs.1000  
Research Scholars and Practicing Engineers :Rs.1200  
R&D Personnel & Faculty members :Rs.1300  
Registration fee includes Conference Kit, proceeding copy & refreshments. Fee should be sent by Demand Draft in favor 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

- 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. (IJIRSET)
- International Journal of Advanced Research Trends in Engineering and Technology. (IJARTET)

## LOCATION

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

## IMPORTANT DATES

Submission of abstract : 28.02.2020  
Notification of Acceptance : 10.03.2020  
Submission of full paper : 20.03.2020  
Conference Date : 28.03.2020

## ADDRESS FOR COMMUNICATION

**The Organizing chair,  
NCEMS-2020, Department of Mechanical Engg.,  
Kings College of Engineering, Punalkulam-613303.  
Tel : 04362-282474, 282397, 282400  
Web : [www.kingsindia.net](http://www.kingsindia.net)  
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## CONTACT NUMBERS

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## REGISTRATION FORMAT

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

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