

**NATIONAL CONFERENCE**  
**ON**  
**EMERGING TRENDS**  
**AND**  
**CHALLENGES IN MECHANICAL**  
**ENGINEERING**

**(ETCME - 2021)**

**16<sup>th</sup> September 2021**



**Under**  
**INTERNAL QUALITY ASSURANCE CELL**  
**Organized by**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**KAVIKULGURU INSTITUTE OF TECHNOLOGY**  
**AND SCIENCE**

**(Managed by Vodithala Education Society, Hyderabad)**

**Permanently affiliated To RTM Nagpur University and**

**Approved by AICTE and COA, New Delhi**

**Ramtek-441106 Dist-Nagpur (M.S.)**

**www.kits.edu**

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## ABOUT RAMTEK

Ramtek is a pilgrimage center which is 45 kms from Nagpur. It is on the Nagpur-Jabalpur highway. It is known for its sprawling lakes like Khindsi and scenic grandeur and above all it is venerated as the birthplace of a great literary work. Kavikulguru Kalidas wrote his masterpiece Meghdootam here.

## THE INSTITUTE

Kavikulguru Institute of Technology and Science (KITS), Ramtek, is a self-financed engineering Institution run by Vodithala Education Society, Hyderabad with an objective of providing quality technical education to rural students. The Institute is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur. The Institute offers undergraduate, post graduate and Ph.D. programs. The Institute has lush green campus sprawling over an area of about fifty acres. The Institute is well known for its discipline, providing quality education, concern for the society and environment. The focus is to inculcate continuous learning habit with positive attitude and ethically sound values within the faculty and students. The Institute has always envisioned instilling life skills among the students through their participation in various curricular, extra-curricular and co-curricular activities.

## ABOUT DEPARTMENT

Mechanical Engineering Department was established in the year 1985. The department had accredited "Twice" by the NBA, AICTE, New Delhi for its consistent quality-seeking approach towards dissemination of high-level technical knowledge. The Department receives research and modernization grants from UGC, MHRD, AICTE and TEQIP.

To meet the required academic standards, quality instruction to students is imparted by the motivated and qualified faculty members providing good academic insights. Students are especially trained to meet the current industrial requirements.

## CONFERENCE THEME

In an increasingly knowledge driven global economy, invention and innovation are critical to long term competitiveness. Hence technical institute have to keep pace with the rapidly changing technology. Hopefully the contribution in the current technology will boost the research.

The objective of this conference is to bring together innovative academicians, researchers, scientists and the expert from industry in various areas to a common platform for constructive and fruitful dialogue on emerging theoretical concepts and practical ideas.

## CALL FOR PAPERS

ETCME-2020 provides a leading forum for the presentation of new advances and research in the field of Mechanical Engineering. The conference will bring together leading researchers engineers and scientist in the domain of interest. Accordingly topics of interest for the submission include are not limited to;

- Advanced Energy Sources
- Automation, Mechatronics, and Robotics
- Automobiles
- Biomedical Engineering
- CAD/CAM/CIM/CFD
- Advanced Engineering Materials
- Fluid Flow, Heat and Mass Transfer
- Industrial & Mechanical Systems
- Manufacturing and Production Processes
- Tribology
- Mechanical Design

## PARTICIPATION

The participation in the conference is open to the faculty members, Research Scholar from the R&D Institute, Engineers from the industry and the students.

**PAPER SUBMISSION:** per should be sent in IEEE format not exceeding six pages. The submission should be made online through  
Email: [etcme2020@gmail.com](mailto:etcme2020@gmail.com)

## EXTENDED DATES

Full Paper submission	5 <sup>th</sup> Sept'2021
Notification of	7 <sup>th</sup> Sept'2021
Registration commences	7 <sup>th</sup> Sept'2021
Last Date of Registration	14 <sup>th</sup> Sept'2021

## Registration

Author and co-authors of the paper has to pay registration charge of Rs. 200/- per author. Use the following link for registration into the conference after paying the registration fees. Also attach the payment slip in the google form.

Registration link:  
<https://forms.gle/BcpVQ2r6eqM2LZEb9>

The amount shall be paid by Net Banking/NEFT/RTGS.

## Bank Details:

**UCO Bank**, titled- KITS Conference MED  
Acc No. **19320110096420**, IFSC -**UCBA0001932**.

## ADDRESS FOR CORRESPONDANCE:

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