

5th International Conference on Innovations and Challenges in Mechanical Engineering

ICICME-2024

REGISTRATION FORM

Name.....

Designation

Name and Address of the Organization

.....

.....

Phone No.:.....

E-Mail:.....

Category: UG/PG Students/Research Scholar /Faculty Member /Industry Person/Non-Presenting Member

Presenting Paper: Yes / No

Registration Details:

Submit your paper to following mail-ID & Link:

icicme@kluniversity.in

Link for Paper formatting & Submission:

[PAPER SUBMISSION LINK](#)

Link for Registration:

[ICICME-2024 REGISTRATION LINK](#)

Dated _____ Amount Rs. _____

Mode of Payment done: _____

Payment Reference No: _____

Date:

Signature

Chief Patron:

Er. K. Satyanarayana, President, KLEF

Patrons:

Er. K. L. Havish, Vice-President, KLEF

Er. K. Raja Harin, Vice-President, KLEF

Prof. K.S. Jagannatha Rao, Pro- Chancellor

Prof. G.P. Saradhi Varma, Vice-Chancellor

Prof. N. Venkatram, Pro Vice Chancellor

Prof. A V S Prasad, Pro Vice Chancellor

Prof. K Subba Rao, Registrar

Prof. T.K Rama Krishna Rao, Principal CoE

Conference Chairs:

Prof. B. Nageswara Rao

Dr. T Vijaya Kumar

Convener

Prof. S. S. Rao

Dr. Priyaranjan Sharma

Co-Conveners

Prof. S. N. Padhi

Prof. G. Murali

Dr. D. V. A. Rama Sastry

Secretaries:

Prof. G Diwakar

Dr. Priyaranjan Samal

Advisory Committee

Prof. A Jagadeesh

Prof. K. Rama Krishna

Prof. K V Narasimha Rao

Editorial Board

Prof. A Srinath

Prof. N.B.V. Prasad

Prof. P. V. Chalapathi

Organizing Committee

Prof. V L Mangesh

Dr. K V Durga Rajesh

Dr. P Kasi V Rao

Dr. PNVB Subramanyam

Dr. M Nageswara Rao

Dr. B Kiran Kumar

Dr. G. Yedukondalu

Dr. AVS Ram Prasad

Dr. Atul Bhattad

Dr. Vinay Atugar

Dr. K Sai Sarath

Dr. K Lokesh

Dr. P Rajkumar

Dr. A Harsha

Dr. Giphin George

Dr. T Kanthimathi

Mrs. K Sireesha

Mr. S Ramesh Kumar

Mr. Syed Karimulla

Mr. G R Sanjay Krishna

Keynote Speakers

Dr. Qian Geng

Xi'an University of Architecture and Technology, China

Dr. Xiongwei Yang

Seoul National University, South Korea

Dr. Md Julker Nine

The University of Adelaide, Australia

Dr. Filipe Fernandes

Polytechnic of Porto, Portugal

Dr. K. Venkateswarlu

National Aerospace Laboratory, Bangalore, India

Prof. Rakesh G Mote

Indian Institute of Technology Bombay, India

Dr. Chakradhar Dupadu

Indian Institute of Technology Palakkad, India

Dr. Shrutidhara Sarma

Indian Institute of Technology Jodhpur, India

For Further Correspondence

Prof. G Diwakar

Dr. Priyaranjan Samal

Organizing Secretaries, ICICME-2024

Email: icicme@kluniversity.in

Mobile: +91-9848759879

+919937402318



5th International Conference on Innovations and Challenges in Mechanical Engineering

ICICME-2024

15th and 16th March 2024



Organized
by

Department of Mechanical Engineering
Koneru Lakshmaiah Education Foundation
(Deemed to be University)

Vaddeswaram, Guntur Dist., 522302, A.P., INDIA
www.kluniversity.in

About the Conference

The conference aims to provide a platform for researchers, academicians, industry professionals, and students to exchange ideas, share research findings, and foster collaborations. Through keynote presentations, paper presentations, and interactive sessions, ICICME-2024 intends to contribute to the evolution of mechanical engineering in the era of digital and smart manufacturing.

By emphasizing innovation and addressing challenges in this dynamic field, the conference seeks to propel mechanical engineering into a future where digital technologies play a pivotal role in shaping the manufacturing landscape.

Call for Papers

ICICME-2024 invites papers related to various techniques on Innovations and Challenges in Mechanical Engineering for presentation.

All accepted **papers** would be published in the **Conference Proceedings** (as soft-copy, with **ISBN** and would include abstract).

Papers presented in ICICME-2024 will be provided with an opportunity to publish in **journal indexed in SCOPUS (Publication charges will be additional and separate from the registration fee).**

Conference Theme

Innovations and Challenges in Manufacturing Engineering:

- Digital and smart Manufacturing.
- Sustainable Manufacturing
- Instrumentation and Control
- Material Characterization
- Manufacturing Techniques
- Rapid Prototyping
- Polymers and Composites
- Lean Systems.
- Modeling of Manufacturing Systems.

Innovations and Challenges in Robotics and Design:

- Industry 4.0
- Applied Mechanics
- Bio-mechanics
- Computer aided engineering design
- Finite element analysis
- Industrial Tribology
- Machine Design
- Robotics and Automation
- Dynamics and Vibration control
- Industrial Internet of Things
- Industrial Engineering and optimization
- Autonomous vehicles

Innovations and Challenges in Thermal Engineering:

- Thermal and Fluid Flow
- Refrigeration and Heat Transfer Systems
- Energy Engineering & Alternate Fuels
- Micro - Nano Devices and Systems.
- Intelligent Hybrid and Electric Vehicles.
- New Refrigerants.
- Phase Change Materials.
- CO₂ Capture and Sequestration.
- Green Energy and Green Power.

Koneru Lakshmaiah Education Foundation

The Koneru Lakshmaiah Charities was established as a trust in the year 1980 with its official address at Museum Road, Governorpet, Vijayawada, Andhra Pradesh 520 002 and started KL College of Engineering in the Academic year 1980-81.

KL Deemed to be university was established in 1980-81, as KL College of Engineering, which was upgraded to KL College of Engineering Autonomous in 2006 by UGC, and was declared as a Deemed to be University in 2009 by UGC, MHRD Govt. of India. In 2012 as a Deemed to be University the institution was accredited by NAAC with A Grade and later in 2018, was re-accredited by NAAC with A++ grade. In 2019 UGC, MHRD declared this intuition as Category I Institution. The university was also ranked 28 under NIRF 2023.

Guide lines for paper submission

- Experimental investigation with specific conclusions
- Original Contribution, not published earlier
- Case studies of industrial importance
- Simulation studies with practical demonstration/result
- Design of Instruments / Systems / Software

Format for submission of paper

- Paper should not exceed Six(6) A4 Size sheets
- Font : Times New Roman
- Margins : Left = 1.5 Inch Right, Top & Bottom = 1.0 Inch
- Abstract: 11 Point Italic with single line spacing to be placed after title and other details.
- Key words : 4 (Four)
- Text : 12 Point normal justified Para heading: 12 Point Bold Sentence case Spacing = 1.5 lines Figures to be inserted in jpg Format.
- At least one of the authors is required to register and attend the conference for presenting the paper.
- Maximum number of authors is 4 (Four)
- E-mail of the corresponding author should be given.

Dates to Remember

- | | |
|---|----------------------------------|
| • Full Paper Submission | 25th Feb 2024 |
| • Acceptance notification/Revision request | 29th Feb, 2024 |
| • Registration of accepted papers | 4th Mar, 2024 |
| • Submission of Camera-ready paper along with Registration form | 5th Mar, 2024 |
| • Intimation of Program Schedule | 10th Mar, 2024 |

Registration Fee

Minimum one author per paper should register for presentation.

- | | |
|--------------------------------|-------------------------|
| • Research Scholar and Student | : INR 1000/ \$20 |
| • Faculty Member | : INR 1500/ \$25 |
| • Industry Person | : INR 2000/ \$30 |