## **International Conference on Innovations and Challenges in Mechanical Engineering** ICICME-2023

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Name and Address of the Organization
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**International Conference** on Innovations and **Challenges in Mechanical Engineering** 

**ICICME-2023** 

(Hybrid Conference)

15th and 16th May 2023

**Department of Mechanical Engineering** 

**Koneru Lakshmaiah Education Foundation** 

(Deemed to be University) Vaddeswaram, Guntur Dist.,

**522302.** 

A.P., INDIA www.kluniversity.in

## **Scope of Conference**

A number of proven personalities from Industry, Research Organizations and Academic Institutions have given their consent to grace the conference to emphasize the benefits of Innovations and Challenges in Mechanical Engineering for a wide variety of engineering applications.

## **Call for Papers**

ICICME-2023 invites papers related to various techniques on Innovations and Challenges in Mechanical Engineering for presentation. The papers and invited talks by eminent practicing engineers are expected to benefit the participants.

## **Conference Proceedings**

All accepted **abstracts** would be published in the **Conference** Proceedings with **ISBN**.

All accepted peer reviewed full length papers presented in ICICME-2023 will be published in Scopus/WoS/ Scpus & WoS Journals with an additional amount.

#### **Conference Theme**

# Innovations and Challenges in Mechanical Engineering:

- Industry4.0
- Applied Mechanics
- Thermal and Fluid Flow
- Computer aided engineering design
- Energy Engineering & Alternate Fuels
- Industrial Tribology
- Machine Design
- Industrial Internet of Things
- Industrial Engineering and optimization
- Robotics and Automation
- Dynamics and Vibration control
- Industrial Engineering and optimization

- Autonomous vehicles
- Green Manufacturing
- Refrigeration and Heat Transfer Systems
- Material Characterization
- Manufacturing Techniques
- Rapid Prototyping
- Polymers and Composites
- Industrial applications of CFD
- Digital Manufacturing.
- Modeling of Manufacturing Systems.
- Smart Materials

#### **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 KLCollege of Engineering, which was upgraded to KL College ofEngineering 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 institution as Category I Institution. The university was also ranked 27<sup>th</sup> in NIRF 2022 rankings.

## **Guidelines 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.

#### **About the Department**

The Mechanical Engineering Department at KLEF is dedicated to providing high-quality education and research opportunities in the of mechanical engineering. field department is equipped with state-of-the-art laboratories and workshops to facilitate handson learning experiences for students. The faculty members are highly qualified and experienced professionals who are committed to providing quality education and mentorship department offers students. The undergraduate, postgraduate, and research programs that are designed to equip students with the necessary knowledge and skills to excel in the industry. The department also encourages students to participate in research projects and industrial collaborations to stay up-to-date with the latest technological advancements in the field.

#### **Dates to Remember**

Abstract Submission: 25<sup>th</sup>April 2023

• Acceptance notification: 30th April,2023

 Submission of Camera-ready paper along With Registration form : 06<sup>th</sup>May, 2023

• Registration of accepted papers:

7<sup>th</sup>May, 2023

• Intimation of Program Schedule:

• 10<sup>th</sup> May, 2023

## **Registration Fee**

Minimum one author per paper should register for presenting the work

• UG or PG Student: Rs. 1000 / \$20

• Research Scholar and Faculty Member:

Rs. 1500/\$25

• Industry Persons: Rs. 2000/\$30