

International Conference on Innovations and Challenges in Mechanical Engineering

ICICME – 2021

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For Further Correspondence

Secretary, ICICME-2021

icicme2021@kluniversity.in

Ph: 7893536029



International Conference on Innovations and Challenges in Mechanical Engineering

ICICME-2021

28th and 29th June 2021

Virtual Conference

Organized
By

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

Vaddeswaram, Guntur Dist.-A.P (India)

www.kluniversity.in

Convener

Dr. DVA Ramasastry

Head of the Department

Dept. of Mechanical Engineering, KLEF

Mobile: +91 9491175108

Office: 0863-2399999; EXTN: 1441

Email: dvarasastry@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-2021 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 papers would be published in the Conference Proceedings (as soft-copy, with ISBN and would include abstract).

Papers presented in ICICME-2021 will be provided with an opportunity to publish in **Design Engineering (Toronto)** ISSN:0011-9342 or **Turkish Online Journal of Qualitative Inquiry** ISSN: 1309-6591L (SCOPUS indexed) up on acceptance after satisfactory peer-review by the journal editorial board. Author's need to pay an additional amount as per the publisher charges after acceptance.

Conference Theme

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
- Industrial Engineering and optimization

Innovations and Challenges in Manufacturing

Engineering:

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

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 institution as Category I Institution. The university was also ranked 41 under NIRF 2020.

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 6 (six) 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 **22nd June 2021**
- Acceptance notification/Revision request **24th June, 2021**
- Registration of accepted papers **25th June, 2021**
- Submission of Camera-ready paper along with Registration form **25th June, 2021**
- Intimation of Program Schedule **26th June., 2021**

Registration Fee

Minimum one author per paper should register for presenting the work

- Research Scholar and Student **₹ 350/-**
- Faculty Member **₹ 550/-**