

“International conference on
Recent Advances in Mechanical Engineering
(ICRAME – 2022)”

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Two day

“International Conference on
Recent Advances in
Mechanical Engineering”

(ICRAME – 2022)

(E-Conference)

4th & 5th March 2022

Sponsored by

Siddhartha Academy of General and
Technical Education, Vijayawada-10.

Organised by



Department of Mechanical Engineering

PVP Siddhartha Institute of Technology
Kanuru, Vijayawada-520007
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conference website:
https://www.pvpsiddhartha.ac.in/me_conference

ABOUT THE INSTITUTE

Prasad V Potluri Siddhartha Institute of Technology is established in 1998 with a great vision of producing quality technocrats, the college achieved its dream through meticulous planning of the administrators and the strenuous effort of the faculty. The Institution has attained success in creating the zeal for learning in the students. It is permanently affiliated to Jawaharlal Nehru Technological University, Kakinada. As a result of its concentrated efforts to attain quality, it is conferred Autonomous status in 2012. Certified by ISO 9001:2015, the college is accredited by National Assessment and Accreditation Council with A+ grade and also by the National Board of Accreditation (CSE, IT, EEE, ECE, ME, CE).

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has been in existence ever since the college has been started in 1998. The department is reaccredited by the National Board of Accreditation in 2019 and is certified by ISO 9001:2015 certification. The annual intake of the students is 120+24 in undergraduate course and faculty consists of 5 professors, 5 Associate Professors, 22 Assistant Professors. The department is equipped with the equipment of worth Rs.1.31 crores in a total area of 5413 Sq.Mts. The department of ME is also offering 2 year M.Tech course in Machine Design under JNTU Kakinada.

ABOUT THE CONFERENCE

This conference provides a forum for researchers, developers and academician who are involved in real time projects and research that provide solutions to exchange their valuable ideas and showcase the ongoing works which may lead to path breaking foundation of the futuristic engineering. The aim of this conference is to bring together the academicians, scientists, engineers and manufacturers from various institutions, universities, colleges and industry to discuss the relevance of various futuristic technologies emerging in the area of Mechanical Engineering.

PARTICIPANTS

The conference is expected to draw Participants from Academia, Students, Professionals from industry and Researchers belonging to Mechanical Engineering. All the sessions will be conducted through online mode.

List of Topics

Metal Matrix Composites
Advanced Materials and Alloys
Ceramic , smart, Nano Materials
Soft Materials & Bio Materials
Sustainable Manufacturing Technologies
Production and Operation Management
Supply Chain Management
Industrial Robotics and Automation
Simulation and Optimization Techniques
System Dynamics and Vibration
Corrosion, Welding
Fuel-cell, Magnetic, Optical Materials
Advanced Aerospace Materials
Experimental Techniques and Devices
Surfaces, Interfaces and Thin Films
Semiconductor Physics
Self-healing Materials
Renewable and Sustainable Energy
Thermal Aspects of Materials
Manufacturing and Production Processes and Systems
Flexible Manufacturing
Subtractive , Lean, Green Manufacturing
Industrial Engineering
Materials for Automotive, Aerospace, Marine
Tribology
Dynamic Behavior of Materials and Structures
Characterization and Testing
Novel Porus Materials and Their Applications
Polymer and Polymer Matrix Composites
Manufacturing system and technology
Surface Engineering
Modelling, Analysis and Simulation of Manufacturing Processes
Materials Forming
Metal Cutting Processes
CAD/ CAM/CAE/CIM
High-speed/Precision Machining and Inspection Technology
Design Technology
Control and Automation
Micro/Nano Machining Technology
Non-Conventional Machining Processes
Mechatronics

REGISTRATION FEE:

Conference Registration Fee:

National Delegate from Academia Rs: 1000/-

National Delegate from Industry Rs: 1500/-

International Delegates : \$ 50

International Student Delegates: \$ 25

Payment Details :

Account Number : 33672200009977

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Important Dates & Deadlines:

Submission of the complete paper 5th Feb, 2022

Acceptance Notification 12th Feb, 2022

Registration of Authors 19th Feb, 2022

Conference Dates 4th – 5th March, 2022

Conference proceedings (with ISBN number) will be published including all the papers presented at the conference. However, only selected papers presented at the conference will be published in AIP conference proceedings (Scopus indexed) journal upon payment of publication charge of \$ 100+GST / paper in addition to the conference registration fee. AIP will conduct rigorous quality check for all the shortlisted papers before final publication.

Paper Submission : Full papers may be sent to
icrame2022@pvpsit.ac.in

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