

2<sup>nd</sup>

**International Conference  
on  
Advances in Mechanical Engineering:  
Transcending Boundaries  
ICAMET-2023  
May 26,27, 2023**



**Organized by**



**Department of Mechanical Engineering  
Mangalam College of Engineering  
Ettumanoor, Kottayam, Kerala  
Approved by AICTE and  
Affiliated to  
APJ Abdul Kalam Technological University (KTU)**



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**Dr. Praveen .B**

Post-Doctoral Fellow

Department of Mechanical & Aeronautical Engineering

University of Pretoria, South Africa

**Dr. Sharu B K**

Post-Doctoral Fellow

University of California Los Angeles, USA

## About the conference

ICAMET-2023 is an International Conference on Mechanical Engineering encompassing fields of Thermal engineering, Fluid mechanics, Material Science, Design and Manufacturing and related interdisciplinary sciences organized by the Department of Mechanical Engineering of the Mangalam College of Engineering. ICAMET-2023 will be held during May 26<sup>th</sup>-27<sup>th</sup>, 2023, at Mangalam College of Engineering, Kottayam. The conference will compose of multiple parallel sessions covering all the major themes and invited keynote lectures by eminent academicians and scientists from various fields. The conference also seeks to provide a common forum for researchers, scientists and engineers from these diverse fields of interdisciplinary sciences to discuss and exchange ideas with their peers. Publication of original research articles, review articles and feature articles in the conference proceedings book with ISBN number is also envisaged. The scope of the conference may include following major topics, but are not limited to:

### A) THERMAL AND FLUID

Renewable and Non-Conventional Energy Sources  
Energy Storage  
Internal Combustion Engines  
Propulsion  
Computational methods in Thermal Engineering  
Refrigeration and Air conditioning  
Heat and Mass Transfer  
Computational Fluid Dynamics  
Fluid Mechanics & Fluid Machinery  
Micro and nanofluidics

### B) DESIGN AND MANUFACTURING

Modeling and Simulation of Systems and Processes  
CAD/CAM/CIM/ Automation and Robotics  
FEM  
Nanomaterials and systems

Mechatronics  
Tribology  
Smart materials  
Dynamics & Vibration  
Alloys/Composites/Ceramics/Polymers  
Advanced Manufacturing Processes/Additive manufacturing  
Space vehicles  
Materials processing

### C) INTERDISCIPLINARY AREA

Biomechanics  
Biomedical Engineering  
Instrumentation and control  
MEMS  
Bio fluid dynamics  
Computational Biology  
Surface engineering  
Targeted drug delivery  
Electric and Hybrid vehicles

### D) INDUSTRIAL ENGINEERING AND MANAGEMENT

Supply Chain Management  
Optimization techniques  
Product Design and Development  
Product Lifecycle Management  
Sustainable Manufacturing  
Operations Research  
Total Quality Management

### Publications

Original and unpublished research papers are invited for presentation in this conference with an aim to publish in SCI and SCOPUS indexed international conference proceedings after peer review and additional cost. Authors are directed to visit the conference website for details on paper preparation. Check plagiarism before submission.

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PROCEEDINGS



## Registration fees

Category		Registration Fee (Indian)	Registration Fee (International)
Authors	Student /Research scholar	750 INR	\$ 50
	Academician / Industry	1500 INR	\$ 100
Delegates	Student /Research scholar	500 INR	\$ 40
	Academician / Industry	1000 INR	\$ 75

## Important Dates

Submission of abstract of paper : 15<sup>th</sup> March, 2023  
Notification of initial acceptance : 25<sup>th</sup> March, 2023  
Submission of full length paper : 5<sup>th</sup> April, 2023  
Author(s) notification after review : 30<sup>th</sup> April, 2023  
Final paper submission : 5<sup>th</sup> May, 2023  
Notification of final acceptance : 10<sup>th</sup> May, 2023  
Last date of registration : 25<sup>th</sup> May, 2023

## About the Institute

Mangalam College of Engineering (MLM) stands supreme in the field of technical education with excellence and quality in education. Approved by the All India Council for Technical Education (AICTE) and affiliated to the APJ Abdul Kalam Technological University (KTU) in Kerala, MLM is promoted by the Mangalam Educational Society, with a mission to bring out leaders for a technology-driven environment.

## Contact Us

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