

ICEM-2020

International Conference on Evolution in Manufacturing

10th-12th December 2020

The conference ICEM 2020 is aimed at creating a cross-disciplinary summit that transcends departmental, institutional, industrial, public and private research organizations as well as global barriers and lends itself to the integration of research and education in the vital field of advanced materials and manufacturing. This conference is dedicated to bringing up substantial discussions on major sectors of advanced materials processing, engineering and application, material analysis and characterization, functionally graded materials, composite materials, glass and ceramics, coatings and surface engineering, nanostructure and nonmaterial, biomaterials, metal alloys, superalloys, smart materials, computational and simulation, energy and environment, optimization, industrial automation, and diverse fabrication processes such as welding, casting and molding, as well as tribology and bioengineering and to foster Hon'ble Prime Minister's prestigious mission of Make in India.

Scope of Conference

Advanced Material

- Nanostructured & Nanomaterials
- Composite Materials
- Glass and Ceramic Materials
- Light Metals And Alloys
- Steel Alloys
- Shape Memory Alloys
- High-Temperature Materials
- Biomaterials
- Functionally graded materials
- Optical and Electronic Materials
- Manufacturing system planning, control & Quality engineering, Advance Technologies & Support Technologies in Manufacturing System
- "Internet of things" technology for manufacturing operations
- Wearable Devices Nest evolution in manufacturing
- Cloud manufacturing, Futuristic Manufacturing
- 3D Printing Technologies for Product Manufacturing
- Design for Manufacturing, Lean Manufacturing
- Sustainable Manufacturing
- Web Application in Product Manufacturing
- Operation and Manufacturing Management
- Supply Chain Management
- Value Supply Chain

Materials Manufacturing and Processing

- Materials Synthesis, Processing and application
- Material Characterization
- Advanced metal forming, bending, welding & casting techniques
- Powder metallurgy
- High-speed Machining
- Hybrid Machining
- Non-conventional machining processes
- Additive processing and joining technologies
- Surface engineering for manufacturing process
- Design and Behaviour of equipment and tools
- Surface Treatment and Machining
- Computational Modeling and Simulation

Manufacturing automation & Robotics, Modeling & Simulation

- Automation & IT for Simulation, Current trends in Automation
- Automation solutions, Process, and Product Automation
- Application of Automation & IT for augmenting Plant performance
- Collaborative operation (Robot-Human Interaction)
- Multibody-dynamics

Soft Computing Techniques in Engineering and Technology

- Game Theory
- Artificial Intelligence
- Optimization Technologies

Organizer and Associated Institutes



Call for papers	22 June 2020
Last date for paper submissions	22 Oct 2020
Notification of Paper Acceptance	10 Nov 2020
Deadline for Camera-Ready Paper Submission	15 Nov 2020
Early Registration Deadline	12 Nov 2020
Last date for registration with late fees	20 Nov 2020

Category		Early Registration-till November 20, 2020 (Fee including 18% GST)		Late Registration-Till November 30, 2020 (Fee including 18% GST)	
		National	International	National	International
Author	Student / research scholar	INR 2360	USD 100	INR 3540	USD 150
	Academician / Industry	INR 3540	USD 150	INR 4720	USD 200
Delegate	Student / Research Scholar	INR 1180	USD 50	INR 2360	USD 50
	Academician / Industry	INR 2360	USD 100	INR 3540	USD 100

Delegates from **INDIA** can make payment through **bank transfer** only. Note: Minimum one registration is mandatory for a paper to be the part of proceedings. If author/co-author wish to attend the conference and require separate proceeding and certificate along with the conference kit, in that case the author / co-author need to pay full registration fees individually. Accommodation could be arranged in Institute hostels or guest house as per the availability, on the payment basis for which the organizers will provide necessary assistance if informed well in advance. **International delegates** are requested to make payment by **WIRE Transfer** (Outward Remittance) using SWIFT code Please contact Organizing Team for details. While making Wire transfer.

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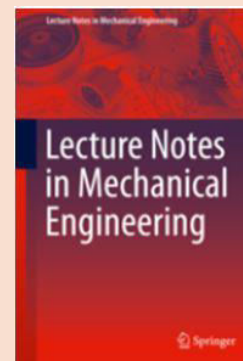
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All the accepted papers will be published in reputed indexed journals.

For further details refer conference website www.icem2020.in

Papers submission is only through the EasyChair.

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About Organizing Institute

The college was established in 1963 with the name as **Malaviya Regional Engineering College, Jaipur** as a joint venture of the Government of India and the Government of Rajasthan. Subsequently; on June 26, 2002 the college has been given the status of National Institute of Technology and on 15 August 2007, Proclaimed Institute of National Importance through Act of Parliament. The Institute is fully funded by Ministry of Education (Shiksha Mantralaya), Government of India. More than 12,000 students have already been graduated since its establishment.

The Department offers academic programmes at three levels leading to Bachelor of Technology (B.Tech.), Master of Technology (M.Tech.), and Doctor of Philosophy (Ph.D.) degrees. In addition, continuing education programmes in specialized areas are offered on a regular basis for industry professionals and academic staff from other colleges. An extremely dynamic and large faculty (current strength of about 30), and a well experienced support staff, give the Department a breadth of research focus and wide range of technical expertise. Our experienced faculty members have a passion for teaching and an avowed commitment to research and development. Majority of the faculty holds doctoral degrees from reputed institutes. Apart from teaching, the faculty is engaged in diverse research areas with several faculty members even serving as guest editors of various reputed journals. We are continually striving to improve the quality of our programs by finding new ways of structuring our curriculum and exploring new delivery methods

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