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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

1st International Conference

on

Future Trends in Materials and Mechanical Engineering

(ICFTMME-2020)

May 29-30, 2020



Organized by

Department of Mechanical Engineering

SRM Institute of Science and Technology

Delhi-NCR Campus, Ghaziabad, U.P. (INDIA), 201204



<https://icftmme.webs.com/>



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About SRM IST

SRM is one of the top universities in India with more than 55,000 students and nearly 3,000 faculty across the campus offering a wide range of programs like undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine, Health Sciences, Science and Humanities. The Institute has four sprawling campuses in India, namely, SRM Kattankulathur campus in Kanchipuram, SRM Ramapuram campus in Chennai, SRM Vadapalani campus in Chennai and SRM Delhi-NCR campus in Ghaziabad. SRM has world class infrastructure including smart classrooms, hi-tech labs, research laboratories with advanced instrumentation facilities, modern library and Wi-Fi facility. Our excellence in education, research and placements over the last 30 years has won us noteworthy ranking and accreditations (NAAC 'A++' Grade, "Category 1" by UGC and "A Grade" by MHRD). SRM has strategic alliances with leading 102 institutions across the globe and students from 52 countries are pursuing various courses to enrich knowledge.

About Mechanical Engineering Department

The Department of Mechanical Engineering is one of the pioneering departments of SRM IST. The goal of the department is to provide a flexible educational experience in core and allied streams of Mechanical Engineering. The Mechanical department conducts national and international conferences, faculty development programs, guest lectures, key note speeches, workshops, industrial visits and value added courses to enhance and spread knowledge obtained through research with other researchers in India and abroad. Mechanical Engineers have a broad spectrum of opportunities in industrial giants in the field of Energy, Oil and Gas, Manufacturing, Steel, Automotive, Robotics and Information Technologies. Core industries like Rexroth Bosch Group, Saint-Gobain Corporation, Hyundai, Larsen & Toubro, Mahindra, etc. recruits our students. Many IT industries also have CAD/CAE divisions, which increases the job potential of mechanical engineers in IT industries too. Around 70% of the students are placed in reputed industries practicing core and allied engineering, through campus recruitment and the remaining 30% prefer higher studies in India and abroad.

About ICFTMME-2020

International Conference on Future Trends in Materials and Mechanical Engineering (ICFTMME-2020) is organized by the Department of Mechanical Engineering, SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (U.P.), India. It is an initiative to provide a common platform for researchers working in the field of Materials and Mechanical Engineering to share knowledge and ideas for technological advancements. ICFTMME-2020 is mainly concerned with the broad areas of Mechanics, Manufacturing, Materials, Fluid and Thermal Engineering. However, the research works conducted in applied areas are also invited. This conference will be suitable for renowned researchers, young scientists, engineers from industries and other keen professionals (R&D, manufacturers, etc.).



Springer

All successfully reviewed, accepted and presented papers at ICFTMME-2020 will be published in SPRINGER Book Series "Lecture Notes in Mechanical Engineering" (indexed in SCOPUS and submitted for indexing to Web of Science), as per the scope of Book Series, relevancy of research paper, peer review recommendation and decisions from editors/session chairs/organizing committee.



Call For Papers

Following tracks are invited for peer review and possible inclusion in the conference proceedings:-

Materials

- ⇒ Nanomaterials and Nanocomposites
- ⇒ Polymers
- ⇒ Advanced materials

Mechanical Engineering

- ⇒ Engineering Design
- ⇒ Fluid and Thermal Engineering
- ⇒ Production Engineering and Management
- ⇒ Instrumentation and Mechatronics

Paper Submission

Prospective authors are requested to prepare their manuscript as per the required format and submit it using submission link given below:

MS Word Format - <https://drive.google.com/file/d/1XYcEngjKYx24er5jTqRCGBzxQTZljrLF/view>

Paper Submission Link - <https://easychair.org/conferences/?conf=icftmme2020>

Review Process

Peer review is an essential and key part of the academic publishing. Your submitted manuscript need to be reviewed to ensure as well as add on the quality of your work. Organizing Committee will send each submitted manuscript to two independent reviewers/experts in the area of manuscript.

Reviewer will evaluated the manuscript as per the following Criteria

- 1) Relevance to the Conference Call
- 2) Quality of the manuscript
- 3) Originality of the manuscript
- 4) Scientific contribution of the manuscript
- 5) Comments for the author(s)

Based on reviewers suggestions, organizing committee will decide the following:

- a) Manuscript accepted as it is
- b) Manuscript accepted with minor changes
- c) Manuscript required major changes and need to be review after changes
- d) Manuscript rejected

Registration

At least one author of each paper must be registered for the conference. Presentation of an accepted paper at the conference is a requirement of publication. Any paper that is not presented at the conference will not be submitted for publication.

The registration fee for author(s) / delegate(s) is as follow:

- Author from Industries : Rs. 6000/-
- Author from Academia : Rs. 5000/-
- Research Scholars/ Students : Rs. 4000/-
- Delegate/listener from India: Rs. 2000/-
- Author from Abroad : USD 150/-
- Delegate/listener from Abroad : USD 100/-

Accommodation may be provided in the university campus as per the availability, on request of the participant at nominal charges.

Important Dates (Revised)

■ Last Date of Full Paper Submission
August 5, 2020

■ Last Date for Registration and Camera Ready Paper
September 15, 2020

■ Notification of Acceptance
September 5, 2020

■ Date of Conference
November 6-7, 2020