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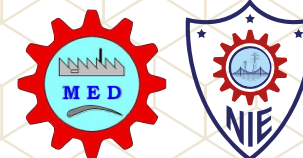
## REGISTRATION FEE (Including GST)

Category	Amount in INR
Faculty/ PG/PhD Scholar	800
UG student	400
Industry/Researcher	1500

The registration fee can be remitted online and send the transaction detail to [mechengg.nie@gmail.com](mailto:mechengg.nie@gmail.com) for which the details are shown below:

A/C No : 50100243056071  
IFSC Code : HDFC0002568  
Bank Name : HDFC BANK  
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## TWO DAYS NATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN MECHANICAL AND MATERIAL SCIENCES-2022 (NCRAMMS- 2022) (Hybrid Mode)



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Organised by  
Department of Mechanical Engineering,  
**THE NATIONAL INSTITUTE OF ENGINEERING,**  
(An Autonomous Institution under VTU, Belgavi),  
Manandavadi Road, Mysuru 570 008, India.  
Web: [www.nie.ac.in](http://www.nie.ac.in)

## ABOUT THE INSTITUTE

The National Institute of Engineering (NIE), established in the year 1946, today stands 196th place among top engineering colleges in the country that include IITs and NITs as per National Institution Ranking Framework (NIRF-2021) announced by Ministry of Human Resources Development (MHRD).

The National Institute of Engineering, Mysuru, an Autonomous Institute under Visveswaraya Technological University (VTU), in the state of Karnataka, India, spread on a 15 acre of art campus is the state second oldest and Mysuru's first Engineering college. The Institute offers UG, PG courses in Engineering, Doctoral Programmes in Civil, Electrical, Electronics and Communication, Computer science, Mechanical and Industrial Production Engineering. It is a recognised research institute under VTU, Belagavi.

## ABOUT THE DEPARTMENT

The Under graduate programme in Mechanical Engineering, established in 1958, is designed to provide broad competence in basic Mechanical Engineering and provide deeper Knowledge of major selected areas of current interest. The department also offers postgraduate courses in the field of Machine design and Industrial Automation Robotics. The highly qualified faculty are actively engaged in research and consultancy works in the area of composite materials, Fuel and Lubricants, Renewable Energy Systems and Nano technology Materials.

## ADDRESS FOR CORRESPONDENCE

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## ABOUT THE CONFERENCE

The aim of the conference is to bring together the scientists and experts from industries, researchers, government agencies and academicians to provide a forum for the exchange of ideas, ongoing research & developments focusing on the current trends in Mechanical Engineering. The authors may contribute their paper in the area of Mechanical Engineering such as Materials, Design, Manufacturing and Thermal. Participants are provided with a platform to present their paper and get suggestions from the subject experts and top academicians/researchers.

## CONFERENCE TOPICS

Participants from the Academia, Industry, Engineers, Students and R&D Organization are invited to submit the original and unpublished full research papers on the topic, but not limited to

### Materials:

- Synthesis, Processing, Characterization and Applications of Polymer and Metal Matrix, Composites, etc.
- Advanced Engineering Materials- Nano materials, smart materials, etc

### Design:

- Kinematics, Dynamics, Engineering Analysis.
- Vibration, Acoustics and Maintenance Engg.
- Fatigue and Fracture Analysis.
- Tribology and Wear.

### Manufacturing and Management

- Automation, Mechatronics & Robotics.
- Advanced Machining Technology.
- Planning/Scheduling/Optimization.
- Agile, Additive, Smart, Sustainable, & Flexible Manufacturing.
- Rapid Manufacturing & Technology.
- CAD/CAM/CAE/CIM.

## Thermal

- Fluid flow, Heat and Mass transfer
- Fluid Machines and IC Engines
- Refrigeration & Air conditioning
- Computational Fluid Dynamics

## IMPORTANT DATES

Full paper submission deadline	: 24 June,2022
Notification of Acceptance	: 28 June, 2022
Registration commences on	: 28 June 2022
Last date of registration	: 04 July 2022
Conference dates	: 07-08 July 2022

## SUBMISSION GUIDELINES

The paper must be in Double column and the length of the Abstract should not exceed 250 -350 words and the paper must be typed in MS -Word in Times New Roman, Font size 10, Line spacing 1", on one side of A4 size paper with at least 1" margin on all sides. The full paper length is limited to a maximum of 5 pages. The full length paper should contain Abstract , Introduction, Methodology & Implementation, Results & Discussion, Conclusions and References. For more details please see the guidelines by IJERT. Authors interested in presenting paper(s) on any one or more of the mentioned topics should fill the details and upload full paper to <https://forms.gle/8ouYWTYpTyNbuEUVA>



## PUBLICATION

The submitted manuscripts will be peer reviewed and scrutinized for plagiarism (maximum 15%) as a mandatory requirement for publications. All accepted papers will be publishing in the International Journal of Engineering Research & Technology (IJERT) conference proceedings (ISSN number) with an extra 300 INR. The IJERT conference proceeding is indexed in Google Scholar and Research Gate.