

## International Virtual Conference

on

### Advances in Mechanical Engineering, Industrial Informatics and Management (AMEIIM-2022)

From

25<sup>th</sup> -26<sup>th</sup> February 2022

Organised by



### Department of Mechanical Engineering National Institute of Technology Raipur

#### Address for Correspondence

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AMEIIM-2022

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For Registration and other details, please visit Website:

[ameiim2022.nitr.ac.in](http://ameiim2022.nitr.ac.in)

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#### ABOUT AMEIIM-2022

On stepping into its successful 60<sup>th</sup> year, Department of Mechanical Engineering, NIT Raipur is organizing its 1<sup>st</sup> International Conference on *Advances in Mechanical Engineering, Industrial Informatics and Management (AMEIIM-2022)* on **25<sup>th</sup> -26<sup>th</sup> February 2022** for deliberating with distinguished experts in this field. This invitation is open for all academicians, research scholars, post-docs, PG and UG students functioning in the relevant areas. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in relevant areas.

#### CALL FOR PAPERS

Students, Faculties, Research Scholars, Scientist and Industrial Executives are welcome to submit the one-page abstract of their research on any of the following themes although not limited to following areas:

- Advance in Thermal Engineering
- Mechanical System Design
- Vibration and Control
- Advanced Manufacturing Technologies
- Green Manufacturing / Lean Manufacturing
- Additive Manufacturing / Reverse Engineering / Re-Engineering
- Advancements in Material and Metallurgical Processes
- CAD/CAM/CIM
- Robotics and Automation
- Modeling, Analysis and Simulation of Mechanical System
- Optimization Techniques/Soft Computing Techniques
- Internet of Things (IoT)
- Industry 4.0
- Soft Computing and Artificial Intelligence
- Enterprise Resource Planning
- Management Information System
- Industrial Engineering and Management

## ABOUT RAIPUR

Raipur, capital of Chhattisgarh is a historical city of India. Energy Park, Gandhi Udyan, Purkhouti Mukangan, Burha Sarowar, Guru Ghasidas Museum, Nandanwan Zoo, Mahamaya Temple etc. are some of the interesting places to visit in Raipur. Raipur is a fast-developing city and emerging as education hub of India. Many institutions like National Law University, AIIMS, IIM, Engineering and Medical College have been established here. Since, Chhattisgarh is rich in mineral, agriculture and forest, many public sector, private sector and multinational companies are situated around Raipur

## ABOUT NIT RAIPUR

National Institute of Technology Raipur (Formerly Government Engineering College Raipur), situated in the capital of a newly incepted state of Chhattisgarh, has proven to be "avant-garde" in the field of science and technology over past few decades in this region. With sweet memory of foundation ceremony by our President Hon'ble Dr. Rajendra Prasad on 14th September 1956, the institute started with two departments namely Metallurgical and Mining Engineering. Later the inauguration of the Institute building was done by our Prime Minister Hon'ble Pt. Jawahar Lal Nehru on 14th March 1963. The status of Government Engineering College, Raipur had been elevated to National Institute of Technology by the Central Govt. with effect from 1st Dec. 2005. This Institute had been working since last 50 years with a mission to support growth and promotion of industries and community of the region. The Institute has long recognized its role in engineering education, generation and dissemination of useful and relevant technologies in the service of the society.



## ABOUT MECHANICAL ENGINEERING DEPARTMENT

The Mechanical department started in the year 1958 and department offers undergraduate program (B. Tech.) in Mechanical Engineering and Postgraduate program (M. Tech.) in Thermal, Design, Industrial Engineering and Management. It is one of the largest departments of the institute with intake of 90 students for undergraduate course and 43 students for post graduate course. Department also offers Ph.D. program in all relevant discipline of Mechanical Engineering including Thermal, Design, Production, and Industrial Engineering and Management.

## IMPORTANT DATES

Last Date Paper submission: 15<sup>th</sup> December 2021  
Final Acceptance Notification: 15<sup>th</sup> January 2022  
Registration Start Date: 15<sup>th</sup> January 2022  
Registration End Date: 15<sup>th</sup> February 2022

## Note:

1. Authors submitting full paper will be considered for Online Oral Presentation & Publication in *Springer and/or Scopus Indexed Journal* (Collaboration process with Journal Proceedings is on process) subjected to peer review policy and terms & conditions of publisher.
2. *Plagiarism should be strictly avoided for final publication.* Plagiarized manuscripts may be rejected at any stage during conference peer review/publication schedule etc.

## SUBMISSION PROCEDURE



Abstract and full length paper need to be submitted through the Easy Chair web-portal using the following: link: <https://easychair.org/conferences/?conf=ameiim2022>.

## REGISTRATION DETAILS

Registration fee is payable by Any Online Mode, in the account of "Director, NIT Raipur", A/C No.: 38027633250, IFSC Code: SBIN0002852, Branch: GCET Branch, Raipur (C.G). The registration fees include conference e-certificate, e- proceedings and publication in book series.

Dates	Indian Nationals (INR) / Foreign Nationals		
	(USD) per paper per author		
	Research Scholars/ Students	Academicians/ Faculties/ Scientists	Industry Persons
15 <sup>th</sup> January 2022 to - 15 <sup>th</sup> February 2022	INR 6500+ <b>GST@18%</b>	INR 7000 + <b>GST@18%</b>	INR 8000 + <b>GST@18%</b>
	\$120 + <b>GST@18%</b>	\$150 + <b>GST@18%</b>	\$ 200 + <b>GST@18%</b>

**Note:** No registration after 15<sup>th</sup> February 2022 shall be entertained.

**MODE OF DELIVERY:** Online (Through Online Platform Only)

Participants will be informed to install an appropriate "Online Presentation App" on their Mobile phones / Laptops / Desktops for Oral Paper Presentation. Meeting code for the same will be shared with all participants, prior to the event and other relevant information will be shared by mail only.