

## “AMEIIM-2022”

Online International Conference

on

Advances in Mechanical Engineering,  
Industrial Informatics and Management

From

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



Organized by

Department of Mechanical Engineering



National Institute of Technology Raipur  
(Chhattisgarh)



**IOP** Conference Series  
Proceedings services for science  
Materials Science and Engineering (MSE)

### Chief Patron

Dr. A. M. Rawani, Director, NIT Raipur

### Patron

Dr. P. Diwan, Dean (R&C), NIT Raipur

### Chairperson

Dr. S. Sanyal, HoD & Professor  
Department of Mechanical Engineering, NIT Raipur

### Organizing Secretaries

Dr. N.V. Swamy Naidu

Associate Professor, NIT Raipur

Dr. Suraj Kumar Mukti

Assistant Professor, NIT Raipur

Dr. Jagadish

Assistant Professor, NIT Raipur

### Address for Correspondence

Dr. Jagadish

Department of Mechanical Engineering  
NIT Raipur (CG)-492 010

Email: jagadish.mech@nitrr.ac.in

Contact No.: +91-8811940517

Dr. N.V. Swamy Naidu

Department of Mechanical Engineering  
NIT Raipur (CG)-492 010

Email: nvsnaidu.mech@nitrr.ac.in

Contact No.: +91-9963390988

### Keynote Speakers:

- ✓ **Dr. Kapil Gupta**, Professor, University of Johannesburg, South Africa
- ✓ **Mr. R.N.Chouhan**, Scientist, Jawaharlal Nehru Aluminium Research Development and Design Centre Nagpur

### Important Dates:

<b>Last Date of Full Paper Submission:</b>	25 <sup>th</sup> December 2021
<b>Final Acceptance Notification:</b>	15 <sup>th</sup> January 2022
<b>Registration starts:</b>	15 <sup>th</sup> January 2022
<b>Registration Ends:</b>	15 <sup>th</sup> February 2022
<b>Conference Date:</b>	25 <sup>th</sup> -26 <sup>th</sup> February 2022

### Targeted Participants:

- ✓ U.G./ P.G. /Ph.D. Students
- ✓ Faculty/Staff of Institutions/Universities
- ✓ Researchers/Scientists/Industry Persons

### Abstract Submission Guideline:

- ✓ Authors should submit “**Full-Length Manuscript**” directly to “**Morressier Platform**” for peer review process using this link:  
<https://www.morressier.com/call-for-papers/6194e6faa1da2d0012d462e7>
- ✓ All accepted and presented Full Length papers will be published in **Scopus Indexed** of “**IOP Conference Series: Materials Science and Engineering**” subjected to peer review policy and terms & conditions of publisher.
- ✓ **Plagiarism should be strictly avoided for final publication.** Plagiarized manuscripts (**more than 20%**) will be rejected at any stage during conference peer review/publication schedule etc.

### Scientific Themes:

Authors are solicited to contribute to the conference by submitting full length articles that illustrate research results, projects, experiment works and industrial experiences that describe significant advances in the following areas, but are not limited to:

- ✓ Advance in Thermal Engineering
- ✓ Heat & Mass Transfer
- ✓ Thermal Energy & Environmental Engineering
- ✓ Computational Fluid Dynamics (CFD)
- ✓ Solar Thermal Application
- ✓ Refrigeration and Air Conditioning,
- ✓ Alternate Fuels of IC engine
- ✓ Mechanical System Design
- ✓ Vibration and Control
- ✓ Finite Element Analysis / Finite Element Methods
- ✓ Composites Mechanics
- ✓ Modeling, Analysis and Simulation of Mechanical System
- ✓ Advanced Manufacturing Technologies
- ✓ Green Manufacturing / Lean Manufacturing
- ✓ Additive Manufacturing /Reverse Engineering / Re-Engineering
- ✓ Advanced Metal Forming, Bending, Welding and Casting Techniques
- ✓ Manufacturing system and simulation
- ✓ Advancements in Material and Metallurgical Processes
- ✓ CAD/CAM/CIM
- ✓ Optimization Techniques/Soft Computing Techniques
- ✓ Internet of Things (IoT)/ Industry 4.0
- ✓ Soft Computing and Artificial Intelligence
- ✓ ERP/MIS/CRM/Change Management
- ✓ Strategic Management
- ✓ Industrial Engineering and Management
- ✓ Supply chain Management
- ✓ Production & Operational Management

## Registration Fee Details (in INR)

	<b>Participants</b>	<b>Registration Fee (INR): *Includes Publication Charges +GST</b>
<b>Early Bird Registration</b>	UG/ P.G/ Ph.D. Students	<b>3500</b>
	Academicians / Faculties from Various Institutions/Universities	<b>4000</b>
	Researchers/Scientists/Industry Persons	<b>4500</b>
	Foreign UG/ P.G/ Ph.D. Students (Outside India)	<b>120 USD</b>
	Foreign Academicians/ Faculties (Outside India)	<b>150 USD</b>
	Researchers/Scientists/Industry Persons (Outside India)	<b>200 USD</b>
<b>Late Registration</b>	UG/ P.G/ Ph.D. Students	<b>4000</b>
	Academicians / Faculties from Various Institutions/Universities	<b>4500</b>
	Researchers/Scientists/Industry Persons	<b>5000</b>
	Foreign UG/ P.G/ Ph.D. Students (Outside India)	<b>150 USD</b>
	Foreign Academicians/ Faculties (Outside India)	<b>180 USD</b>
	Researchers/Scientists/Industry Persons (Outside India)	<b>250 USD</b>

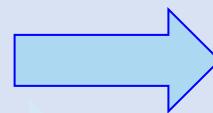
**VISIT CONFERENCE WEBSITE FOR COMPLETE DETAILS:**

**<https://ameiim22.netlify.app/>**

**or Email Us: [ameiim@nitrr.ac.in](mailto:ameiim@nitrr.ac.in)**

**Publication in "IOP Conference Series: Materials Science and  
Engineering"**

**Indexed in Scopus**





**IOP Conference Series**  
Materials Science and Engineering

Indexed by:



Scopus



Clarivate  
Analytics



Compendex