

## Proceedings Publication

All the accepted and registered papers will be published in Scopus indexed Elsevier journal "Materials Today: Proceedings" as a Special Issue.



### Important Dates

FULL LENGTH PAPER SUBMISSION: 05-11-2022  
NOTIFICATION TO AUTHORS: 12-11-2022  
REVISION SUBMISSION BY AUTHORS: 19-11-2022  
EARLY BIRD REGISTRATION: 24-11-2022

Category	Early Bird registration (till 24-11-2022)		Late Registration (till 10-12-2022)
	Online	Physical	
Student	4000 INR	6000 INR	1000 INR / 25 USD per each paper
Academician / R&D Lab	5000 INR	7000 INR	
Industrialist	7000 INR	10000 INR	
Attendee	1000 INR	3000 INR	
Foreign Delegate	100 \$	N/A	

**Note:** Registration fee covers the participation and publication charge. There are no additional charges for publication.

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This conference covers different areas, which are well balanced in content and creates adequate discussion space for recent inventions.

ICMISM hosts following research areas:

- Molecular Dynamics and Modeling of Materials
- Manufacturing of Polymer, Ceramic Based Materials
- Materials for Green Technology
- Tribology and Surface Engineering
- Ceramic Processing
- Polymer, Ceramic & Metal Matrix Composites
- Mechanical Behavior of Metals
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- Phase Transformation
- Electron microscopy
- Creep
- Solid-state processing
- Hybrid composites
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- Micro & Nano Composites
- Nano-Mechanics & Nano-Electronics
- FEM Modeling of Materials
- Meso-scale Modeling
- Solidification, Processing & Corrosion
- Additive Manufacturing
- 3-D Printing
- Mechanical properties of materials
- Microelectronics packaging
- Crystallographic Texture
- Metallurgy
- Microstructure
- Welding
- Joining of metals
- Thermal processing
- Eco-efficient bio materials
- Biomaterials for tissue engineering
- Advanced bio materials

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## ICMISM-2022 Conference

Department of Mechanical Engineering under the aegis of VITB is organizing an International Conference on Materials Innovation and Sustainable Manufacturing (ICMISM) during 16-17, Dec 2022. The conference aims at providing learning ambience for sharing original research contributions and practical developments in the field of Materials Science and Manufacturing Technology so as to contribute its share for technological advancements. Globalization provides all around development and this development is not possible without technological contributions.

## Vishnu Institute of Technology

Vishnu Institute of Technology, was established in year 2008 by Sri Vishnu Educational Society, a leading educational trust to promote quality education, under the aegis of eminent philanthropist Padma Bhushan Dr. B.V. Raju and his legacy was continued by Sri K. V. Vishnu Raju. This autonomous institute, affiliated to JNTUK, Kakinada is accredited by NAAC with A+ grade. Over a decade, this institute has witnessed significant growth and emerged as one of the best engineering colleges in Andhra Pradesh.

## About Mechanical Engineering

The Mechanical Engineering Department of Vishnu Institute of Technology is accredited by NBA and it offers B.Tech, M.Tech and PhD programs. Our students are trained in state-of-the-art laboratories like Vehicle Technology, Applied Robot Control and Advanced CAD/CAM. The department major emphasis lies in solving societal problems through engineering innovations. Additional Skill Development Programmes ensures graduates are Industry ready.

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## ICMISM- 2022

## International Conference on Materials Innovation and Sustainable Manufacturing

16<sup>th</sup>-17<sup>th</sup>  
December  
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