

# Sixth International Conference on Materials Science and Manufacturing Technology 2024 (ICMSMT 2024)

11 - 12, April 2024 | Coimbatore, India | [www.icmsmt.com](http://www.icmsmt.com)

Call for  
Papers

Sixth edition

## ICMSMT 2024

Materials science and manufacturing process is one of the significant symbols of modern day's high-tech revolution. The technological developments in the materials science paves the road for advancements in materials science and manufacturing technology across the world. Materials are the key factor for the emerging industries of all kind. In order for new material to get the actual application, exquisite preparation and manufacturing must be processed. No doubt manufacturing is critical in every walk of life. With rapid development computer technology, communications technology and network technology, traditional manufacturing process has evolved to intelligent manufacturing which is more intelligent, more precision and more efficient.

## CALL FOR PAPERS

ICMSMT 2024 invites full length original research contributions from science, engineering professionals from industries, R&D organisations, academic institutions, government departments and research scholars from across the world. Full length original research contributions and review articles not exceeding six pages as per the IOP Science manuscript template shall be submitted. The manuscript template shall be found in the downloads section. The manuscript should contribute original research ideas, developmental ideas, analysis, findings, results, etc. The manuscript should not have been published in any journals/magazines or conference proceedings and not under review in any of them. Further the manuscript should contain the name of the corresponding author with e-mail id and affiliation of all authors.

Softcopy of the full length manuscripts (in .pdf format) shall be submitted to [icmsmtoffice@gmail.com](mailto:icmsmtoffice@gmail.com)

### Topics (but NOT limited to)

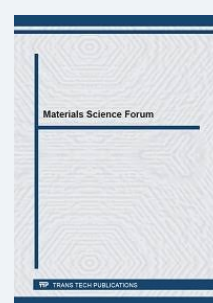
#### Materials Science

Advanced materials  
Biomaterials  
Composite materials  
Energy storage and conversion materials  
Renewable materials  
Functional materials  
Nano materials  
Building materials  
Chemical materials  
3D materials  
Cryogenic materials  
Polymer science  
Smart/Intelligent materials/Intelligent systems  
Optical/Electronic/Magnetic materials  
Automation, control and information technology  
Magnetic materials and smart materials for specific applications  
MEMS and structural control  
Active materials in MEMS applications  
Materials property and characterisation  
Thin film technology  
Electronic materials  
Electrical Engineering  
Electronics and Communication Engineering

#### Manufacturing Technology

Aerodynamics  
Manufacturing systems and simulation  
Machine design  
Machinery dynamics  
Nanotechnology  
Mechanical dynamics and vibration  
Mechanical strength  
Mechanical design  
Casting technology and equipment  
Welding technology and equipment  
Plastic processing technology  
Cellular manufacturing  
Advanced manufacturing processes  
Laser processing  
Automation  
Industrial automation and process control  
Intelligent controllers  
Virtual instrumentation in automation  
Machine vision system  
Industrial robots and automation  
Controllers and distributed control system  
Embedded system  
Sensors for automation  
Vibration engineering

### Publications



The book of proceedings of ICMSMT 2024 will be published in

**Materials Science Forum Journal**  
**Key Engineering Materials Journal**  
**Solid State Phenomena**  
**Defect and Diffusion Forum**  
**Journal of Biomimetics, Biomaterials and Biomedical Engg**

#### Indexing and Abstracting

SCOPUS, Ei Compendex, Inspec, GeoRef NASA ADS  
Chemical Abstracts Service, INIS Atomindex, CSA

- Published volumes in **Scientific.Net** -

#### ICMSMT 2023

Materials Science Forum (M)SF, Volume 1099 (2023)  
Materials Science Forum (MSF), Volume 1098 (2023)  
Materials Science Forum (MSF), Volume 1097 (2023)  
Key Engineering Materials (KEM), Volume 961 (2023)  
Key Engineering Materials (KEM), Volume 960 (2023)  
Key Engineering Materials (KEM), Volume 959 (2023)  
Journal of Biomimetics, Biomaterials and Biomedical Engg. (JBBBE), Vol. 63 (2023)  
Solid State Phenomena (SSP) Volume 350 (2023)  
Defect and Diffusion Forum (DDF), Volume 429 (2023)

#### ICMSMT 2022

Materials Science Forum (MSF), Volume 1073 (2022)  
Materials Science Forum (MSF), Volume 1072 (2022)  
Solid State Phenomena (SSP) Volume 338 (2022)  
Defect and Diffusion Forum (DDF), Volume 149 (2022)  
Key Engineering Materials (KEM), Volume 933 (2022)

#### ICMSMT 2021

Materials Science Forum (MSF), Volume 1048 (2022)

#### ICMSMT 2020

Materials Science Forum (MSF), Volume 1019 (2021)

### Important dates

Last date for paper submission	25, February 2024
Notification of acceptance	15, March 2024
Registration commencement	01, February 2024
Registration deadline	25, March 2024
Camera Ready Paper (CRP) submission	25, March 2024
Release of Conference schedule	25, March 2024
Conference date(s)	<b>11 - 12, April 2024</b>

### Contact details

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Papers from ICMSMT 2024 will be published in the following IOP Conference Series

#### IOPscience

Materials Science and Engineering  
A Conference Proceedings Journal

#### Indexing and Abstracting

Conference Proceedings Citation Index - Science (CPCI-S)  
(Clarivate Analytics), Ei Compendex, Inspec, CAS, etc.

- Published volumes in **IOP : MSE** -

ICMSMT 2023 - IOP Conference Series : Materials Science and Engineering, Volume 1291 (2023)  
ICMSMT 2022 - IOP Conference Series : Materials Science and Engineering, Volume 1258 (2022)  
ICMSMT 2021 - IOP Conference Series : Materials Science and Engineering, Volume 1166 (2021)  
ICMSMT 2020 - IOP Conference Series : Materials Science and Engineering, Volume 872 (2020)  
ICMSMT 2019 - IOP Conference Series : Materials Science and Engineering, Volume 561 (2019)

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