

ABOUT THE CONFERENCE

International Conference on Trends in Material Science and Inventive Materials (ICTMIM 2020) is being organized on 9-10, April 2020 by JCT College of Engineering and Technology, Coimbatore, Tamil Nadu, India. The goal of this conference is to provide a platform for engineers and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of Material Science and Inventive Materials. All manuscripts must be prepared in English and are subject to a rigorous and fair peer-review process.

ABOUT THE COLLEGE

Shri Jagannath Educational Health and Charitable Trust were established by renowned and philanthropic people with an objective of providing education to all especially the down trodden and rural population.

Considering the growing demands for technical education in the country the trust has started an engineering college namely JCT College of Engineering and Technology in Pichanur in Coimbatore for the academic year 2009-10. The College is located at Pichanur at the foothills of the Western Ghats in a serene, eco friendly lush green environment. It is well connected by road, rail and air.

CALL FOR PAPER

Forming & Machining

- Machining of Steels
- Abrasive Machining of Steels
- Hydroforming of Steels
- Sheet Metal Forming
- Finite Element Analyze

Heat Treatment

- Heat Treatment of Alloy Steels
- Heat Treatment of Tool Steels
- Surface Treatment
- Natural and Artificial Ageing
- Vacuum Heat Treatment
- Heat Treatment Furnaces and Equipment
- Heat Treatment Damages and Analysis
- Safety and Health at Heat Treatment
- Welding Design for Iron- Steel Industry
- Cutting in Iron- Steel Industry
- Heat Treatment for Welded Steel

Metallurgy and Materials

- Iron & Steel Classes and Standards
- Refractories in Iron & Steel Industry
- Fracture and Fatigue Behavior of Iron & Steel

Powder Metallurgy

- Material Science and Technology
- Coating & Corrosion
- Novel Coating Materials
- Hard Coatings
- Tribology
- Processing and Characterization
- Nanostructured Coatings

Casting

- Steel Casting Technologies and Applications
- Casting Furnaces and Refractories
- Solidification Processes
- Different Casting Methods
- Different Moulding Materials and Applications

Nanotechnology in Materials Science

- Carbon Nanomaterials
- Nano Photonics and Optics
- Nano Electronics
- Nano Medicine
- Nano Mechanics
- Graphene Technologies
- Nanofabrication
- Thin Films and Coating
- Nano Biomaterials
- Nano Drug Delivery
- Advanced Metals & Alloys
- Biomaterials
- Building Materials
- Catalytic Materials
- Corrosion
- Conducting Polymers
- Environmental Coordination Materials
- Fluids and Liquid Crystals
- Fuel-Cell Materials
- Functionally Graded Materials
- Glass
- High Entropy Alloys
- Photonics
- Polymer Materials
- Self-Healing Materials

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SUBMISSION GUIDELINES

All papers must be formatted according to the IOP template, with a maximum length of 8-10 pages including figures and references in Microsoft Word /Latex Format. Send full Manuscript via email to ictmim.contact@gmail.com

REGISTRATION FEE DETAILS

Indian Authors

Authors: INR. 9500 / Paper
Listener: INR. 7500

Foreign Authors

Authors: 125 USD / Paper
Listener: 100 USD

VENUE

JCT College of Engineering and Technology
Pichanur Road, Off NH 47,
Pichanur, Coimbatore,
Tamil Nadu - 641105
India.

CONTACT

Dr. K. Geetha,

Dean Academics and Research,
JCT College of Engineering and Technology,
Pichanur, Coimbatore, India.
Email id: ictmim.contact@gmail.com
Phone No: +91 8754818524

Conference website: <http://www.ictie.com/2021/>

3rd International Conference on Trends in Material Science and Inventive Materials

(ICTMIM 2021)

On

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Organized by

**JCT College of Engineering and
Technology, Coimbatore**



All the registered and presented papers will
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