

ABOUT THE CONFERENCE

The fundamental discoveries made in materials science domain have substantially increased the mankind's ability to modify matter. In addition, smart electronic materials have a very high innovation potential for the utilization in numerous practical applications. In this way, the 4th International Conference on Trends in Material Science and Inventive Materials [ICTMIM 2022] establishes a platform to discuss and collect together the novel research ideas leading to new innovations from a fundamental point of view and real-time applications and in many cases it utilizes the novel functionalities. 4th ICTMIM 2022 has planned to discuss the challenges in realizing the smart electronic materials with functionally significant properties that are attractive for innovative real-time applications. The conference also welcomes the discussion on new approaches to establish composition-structure-properties and the possibility of using the obtained data for solving the materials science challenges.

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.

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Inventive Electronics Materials

- ◆ Advanced Electronics and Photonics
- ◆ Computational Materials and Modelling
- ◆ 3D & 2D Materials
- ◆ Nanotechnology in Materials Science
- ◆ Green and Sustainable Materials
- ◆ Semiconductor & Electronic Materials and Devices
- ◆ Bio Electronic Materials and Sensors
- ◆ Thin Films, Materials Surface and Interfaces
- ◆ Modern Electronic Materials
- ◆ Multilayered Structures and Composite Materials
- ◆ Quantum-Sized Structures and Nanocrystals
- ◆ Electronic Biosensors
- ◆ MEMS and Sensors
- ◆ Light Emitting Materials
- ◆ Nano-Materials
- ◆ Opto-Electronic Materials
- ◆ Microwave and Antenna

Material Science

- ◆ Energy Harvesting Materials and Process
- ◆ Advanced Materials Synthesis and Purification
- ◆ Advanced Multi-scale Material Characterization Methods
- ◆ Quantum Matters and Applications
- ◆ Micro-Electronic Device Fabrication
- ◆ Nanostructure Fabrication and Self-Assembly
- ◆ Self-Healable and Stretchable Configurations
- ◆ Data-Driven Materials Design
- ◆ Advanced Charge Transfer and Suitable Interfaces
- ◆ Metallization and Superconductivity
- ◆ Advanced Electronic Packaging

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VENUE

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ICTMIM 2019

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