

ABOUT JCT COLLEGE OF ENGINEERING AND TECHNOLOGY

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.

ABOUT DEPARTMENT

The focus of the mechanical department is to offer quality education in the specialized fields of Design, Manufacturing, Thermal and Materials engineering. Department consists Qualified and Experienced Faculty/Staff. Faculties are actively engaged in Teaching and mentoring students apart from perusing their research activities in the emerging fields of engineering.

ABOUT THE CONFERENCE

International Conference on Trends in Material Science and Inventive Materials (ICTMIM 2019) is being organized on 28-29 March, 2019 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.

CALL FOR PAPERS

TRACK 1: FORMING & MACHINING

- ✓ Machining of Steels
- ✓ High Speed Machining Abrasive Machining of Steels
- ✓ Forming of Steels Through Stamping, Bending and Drawing Methods
- ✓ Hydroforming of Steels
- ✓ Sheet Metal Forming
- ✓ Finite Element Analyze

TRACK 2: HEAT TREATMENT

- ✓ Heat Treatment of Alloy Steels
- ✓ Tool Steels & Non Ferrous Alloys
- ✓ Natural and Artificial Ageing
- ✓ Vacuum Heat Treatment
- ✓ Heat Treatment Furnaces and Equipment
- ✓ Safety And Health at Heat Treatment

TRACK 3: WELDING AND CUTTING IN IRON & STEEL INDUSTRY

- ✓ Fusion Welding Application in Iron-Steel Industry
- ✓ Diffusion Welding Application in Iron-Steel Industry
- ✓ Welding Consumable Used for Iron-Steel Industry
- ✓ Welding Design for Iron- Steel Industry
- ✓ Cutting fn Iron- Steel Industry

TRACK 4: METALLURGY AND MATERIALS

- ✓ Iron & Steel Classes and Standards

- ✓ Fracture and Fatigue Behavior of Iron & Steel

TRACK 5: POWDER METALLURGY

- ✓ Novel Coating Materials
- ✓ Hard Coatings
- ✓ Tribology
- ✓ Nanostructured coatings

TRACK 6: CASTING

- ✓ Steel Casting Technologies and Applications
- ✓ Nodular Cast Iron Technologies and Applications
- ✓ Lamellar Graphite Cast Iron Technologies and Applications

TRACK 7: NANOTECHNOLOGY IN MATERIALS SCIENCE

- ✓ Nanophotonics and Optics
- ✓ Nanoelectronics
- ✓ Nanobiotechnology
- ✓ Nanomedicine & Nanodevices
- ✓ MEMS & NEMS
- ✓ Nanomechanics
- ✓ Biomaterials
- ✓ Biosensors
- ✓ Building Materials
- ✓ Catalytic Materials
- ✓ Ceramic Materials
- ✓ Composite Materials
- ✓ Conducting Polymers
- ✓ Photonics
- ✓ Polymer Materials
- ✓ Smart and Intelligent Materials
- ✓ Soft Materials & Bio-Materials

ORGANIZING COMMITTEE

Chief Patron

Dr. G. Ramesh M.E., Ph.D., FIE,
Principal,
JCT college of Engineering and Technology,
Coimbatore, India

Conference Chair

Prof. Dr. P. Pitchandi,
Head of Department,
Department of Mechanical Engineering,
JCT college of Engineering and Technology,
Coimbatore, India

KEY NOTE SPEAKERS

Dr. D. Nirmal,
Chair-IEEE ED Coimbatore Chapter,
Associate Professor,
Department of Electronics and Communication,
Karunya University,
Coimbatore, Tamil Nadu, India.

SUBMISSION DETAILS:

Submit paper through mail to

profpitchandi@gmail.com

or

Submit in this link

<http://ictiie.com/form.php>

REGISTRATION DETAILS

Category	Author	Listener
Indian	INR. 8000	INR. 5500
Foreigner	100 USD	75 USD

Registration Link:

<http://ictiie.com/registration.html>

Video Presentation is acceptable

Skype ID: ICTMIM 2019

WEBSITE LINK

<http://ictiie.com/>

PUBLICATION & INDEXING

All registered papers will be published
in AIP Conference Proceedings - Scopus
Indexed.

CONTACT

Conference Chair:

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AIP

**INTERNATIONAL
CONFERENCE ON TRENDS IN
MATERIAL SCIENCE AND
INVENTIVE MATERIALS**

(ICTMIM 2019)



JCT College of Engineering and Technology



28-29 March, 2019

Organized By

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

**All registered papers will be published in
AIP Conference Proceedings & Indexed
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