

International Conference on Advanced Materials, Manufacturing, Management and Thermal Sciences

[AMMMT 2019]

Announcement and Call for Papers

Venue

Siddaganga Institute of Technology

Tumakuru - 572 103, Karnataka, India

November 13th & 14th, 2019



Department of Mechanical Engineering and Industrial Engineering & Management

Siddaganga Institute of Technology

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi
Approved by AICTE, Programme Accredited by NBA, New Delhi and ISO 9001:2015 Certified)

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In association with

Visvesvaraya Technological University, Belagavi

Indian Institute of Metals, Bangalore Chapter

Institution of Engineers India, Tumkur Local Chapter

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PROCEEDINGS & PUBLICATION :

All the papers presented at AMMMT-2019 will be published in the form of proceedings (CD) and those Research papers meeting the journal requirement will be published in peer-reviewed Scopus Indexed international Journals.

For submission of papers follow the Author instructions link in conference website: ammmt-2019@gmail.com or the corresponding journal website.

SOUVENIR :

A souvenir will be brought out on the occasion of the conference, giving details of the programme, abstracts, list of sponsors and advertisements.

Website : <http://am0.32mmt-2019.sit.ac.in>

ABOUT TUMAKURU

Tumakuru is a district head quarters in Karnataka state situated on NH-4 (Bangalore-Pune highway) at a distance of 60 km from Bangalore and 50 Km from the Bangalore International Airport. In recent years, Tumkur has emerged as an important centre for education, industry and commerce in the state. The district consists chiefly of elevated land intersected by river valleys. A range of hills rising to nearly 4000 feet crosses it from north to south, forming the watershed between river basins of the Krishna and Kaveri. In and around Tumkur there are a number of historical places to visit, such as, Siddaganga, Shivagange, Devarayanadurga, Yedeyur, Shravanabelagola, Belur, Halebeedu, etc.

About SIT

The Siddaganga Institute of Technology (SIT), Tumkur, was established in the year 1963 by Sree Siddaganga Education Society (SSES), headed by His Holiness "Dr. Sree Sree Sivakumara Swamiji", a centenarian. The college is an autonomous institution, affiliated to Visvesvaraya Technological University (VTU), Belgaum, Karnataka, approved by AICTE, New Delhi and programmes accredited by NBA, New Delhi. At present, the institute offers 12 Undergraduate Programmes and 16 Postgraduate programmes. The institute has well qualified, experienced and competent faculty numbering 333 and 100 of them have Ph.D and another 65 are pursuing their Ph.D. Sixteen departments in the institute are recognized as research centers by Visvesvaraya Technological University and offer Ph.D and M.Sc (Engg.) by research. S.I.T. is a beneficiary of Technical Education Quality Improvement Programme (TEQIP), a World Bank assisted Project (Phase-I & II). S.I.T is topped among the 100 Engineering Institutions of the country (70th rank) under National Institutional Ranking Framework (NIRF) of MHRD, Govt. of India.

Departments of Mechanical Engineering and Industrial Engineering and Management have well qualified and committed faculty with well equipped laboratories,

workshops and other infrastructural facilities and are also actively engaged in Industry-Institute interaction. Major areas of specialization in these departments are Materials Engineering, Manufacturing Engineering, Machine Design, Thermal Engineering and Management. These departments offer U.G. programme in Mechanical Engineering and Industrial Engineering & Management. The departments also offer P.G. programmes in Thermal Engineering, Manufacturing Science & Engineering Also, M.Sc (Engg) and Ph.D. Programmes are being offered by the research centre of the Departments. Both the departments have been accredited by NBA, New Delhi for five years. 81 research scholars have registered for their Ph.D programme in the research centres of departments.

PREAMBLE

The main objective of conference is to engender advances and innovations in the field of Mechanical Engineering Sciences particularly in the areas of Materials Engineering, Manufacturing, Management and Thermal Sciences. Over the last decade, there has been a surge of innovations in these fields which evince a lot of interest among the researchers as well as common man who look at the benefits derivable out of these research applications. The conference is aimed at providing a platform to all researchers to interact, share their research findings and to discuss their research ideas with the co-researchers from all over the world. It also provides an opportunity to highlight recent developments and to discuss future directions on these exciting fields.

Keynote lectures by experts in various fields will inspire the researchers and provide an exposure to various aspects and an opportunity for discussions with distinguished experts. It is earnestly hoped that the conference will be of great success in bringing more researchers together.

Researchers from various research laboratories, industries, academia and the research scholars pursuing their Doctoral / Masters work are invited to present their original work and participate in AMMMT-2019, a two day event in the academic and serene environs of S.I.T., Tumkur.

SCOPE

The Conference will have oral and poster paper presentations covering topics such as :

I Advanced Materials

- ◆ Advanced Materials and their Processing
- ◆ Composite materials and Hybrid Composites
- ◆ Smart materials and Shape memory alloys
- ◆ Solidification
- ◆ Materials Forming and Joining
- ◆ Modelling and Simulation
- ◆ Materials Characterization
- ◆ Physical Metallurgy
- ◆ Corrosion and Degradation of metals
- ◆ Nano Materials and Processing

II Manufacturing

- ◆ Lean and Agile Manufacturing
- ◆ CAD /CAM and Flexible Manufacturing
- ◆ CIM and Rapid Prototyping
- ◆ Non-Traditional Machining and Manufacturing
- ◆ Intelligent Processing and Manufacturing
- ◆ Metrology and Instrumentation Measurement
- ◆ Design Optimization in Manufacturing

III Management

- ◆ Logistics and Supply Chain Management
- ◆ Total Quality Management
- ◆ Lean Six Sigma
- ◆ Business Process Re-Engineering
- ◆ Project Management
- ◆ Quality Management Systems
- ◆ Product Design and Development
- ◆ Value Engineering and Analysis
- ◆ Management Information System

IV Thermal Sciences

- ◆ Computational Fluid Dynamics
- ◆ Gas Turbines
- ◆ I.C.Engines and Combustion
- ◆ Alternate Fuels and Bio-Fuels
- ◆ Heat and Mass Transfer
- ◆ Non-Conventional Energy Systems

INVITATION

Original Research Papers on the above themes are invited from all Researchers, Academicians and Professionals.

IMPORTANT DATES

Submission of Full Papers	: 7th Sept. 2019
Date of Acceptance	: 20th Sept. 2019
Submission of manuscript in camera ready form along with Registration	: 7th Oct. 2019
Papers are to be checked for Plagiarism and should be within 20%.	

REGISTRATION FEE

Indian Academicians / Research Scholars / Students Participation & Presentation in Conference	: ₹ 2000/-
Participation, Presentation and Publishing in Scopus Indexed Journal (Based on acceptance by journal reviewers)	: ₹ 9000/-
Overseas Participants	: \$ 200/-
Payments should be via online at : hterp.sit.ac.in	
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CONTACT DETAILS

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November 13th & 14th, 2019

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Title of the Paper : _____

Please indicate :

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erp.sit.ac.in

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Signature

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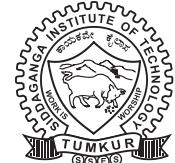
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To,

_____ : From : _____

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