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scan for more information

Important Dates

Round 1 Early Bird

Abstract / Manuscript Submission	15.11.2020
Reviews to Authors	23.11.2020
Submission of Revised Manuscript	30.11.2020
Registration for Conference	07.12.2020

Round 2 Regular

Abstract / Manuscript Submission	30.11.2020
Reviews to Authors	08.12.2020
Submission of Revised Manuscript	14.12.2020
Registration for Conference	18.12.2020

Registration Fee Details

Category I (Abstract submission ==> Presentation ==> Book of Abstracts)

	Early Bird	Regular
Foreign Delegates	USD 100	USD 150
Industry / R&D	INR 3500	INR 4000
Academicians	INR 1500	INR 2000
Students (UG/PG/PhD)	INR 800	INR 1000
Participants (without abstract / Full Paper)	INR 500	INR 700

* Registration fee includes ebook of abstracts and participation certificate

Category II (Full paper submission ==> Presentation ==> SCOPUS indexed conference proceedings / Journals)

Foreign Delegates	USD 175	USD 225
Industry / R&D	INR 7000	INR 8000
Academicians	INR 5000	INR 6000
Students (UG/PG/PhD)	INR 4500	INR 5500

* Registration fee includes ebook of abstracts, participation certificate and eproceedings

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ICoFT 2020 FIRST INTERNATIONAL
CONFERENCE ON
MADE@NITPY

FUTURE TECHNOLOGIES
IN MANUFACTURING, AUTOMATION, DESIGN & ENERGY
(VIRTUAL MODE)

December 28-30, 2020



Organized by

NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY
(An Institute of National Importance under Ministry of Education, Govt. of India)

Thiruvettakudy, Karaikal - 609 609

<http://www.nitpy.ac.in>

About the Conference

Our first international conference aims to provide an effective platform for the active participants from the academia, industries and research institutes to connect and discuss the recent advances in Manufacturing, Automation, Design and Energy.

The international conference shall also create a multi-disciplinary summit that transcends departmental, institutional, industrial, public and private research organizations across the globe. It also lends itself to the integration of research and education in the pioneering field of Mechanical Engineering.

Objectives

- Convene the subject experts around the globe to imbibe technical knowledge to the participants in the allied branches of Mechanical Engineering.
- To provide a platform for the advancement of current knowledge in the field of Manufacturing, Automation, Design and Energy.

NIT Puducherry, Karaikal

National Institute of Technology Puducherry, Karaikal (NITPY), is an autonomous public technical institute nestled in the scenes of Karaikal, a coastal enclave in the basin of river Kaveri in the Union Territory of Puducherry. It is one among the 31 National Institutes of Technology of India and is declared as an Institute of National Importance by Government of India under NIT Act, 2007.

The institute was established in 2010 and is spread across 258 acres in the villages Poovam and Thiruvettakudy of Karaikal. The institution is at a constant attempt of making endeavours to scale new heights by developing a synergy between studies, research, consulting/training activities, and placements. The institute is ranked at 130 under the category of "India Rankings 2020 - Engineering" of the 2020 NIRF rankings, released by the Ministry of Education, Government of India.

Department of Mechanical Engineering

Department of Mechanical Engineering was established in July 2014 with an undergraduate (B.Tech.) Program. At present, the department also offers PhD programme. Dedicated faculty members with expertise in diverse domains of mechanical engineering such as Computer Aided Design, Industry 4.0, Smart Manufacturing, Ergonomics, Design Automation, Power Plant Structural Analysis, Natural Fibre Composites, Energy Engineering, Renewable Energy, Thermal and Fluid Science, which contributes to the department knowledge hub. Likewise, the non-teaching staffs are sound in technical skills and help to strengthen the student's theoretical understanding through lab practices.

Keynote Speakers

Prof. Ramamurthy Prabhakaran Eminent Professor
Department of Mechanical and Aerospace Engineering
Old Dominion University, Norfolk, UK



Prof. Joydeep Dutta Professor
Department of Applied Physics
KTH Royal Institute of Technology, Stockholm, Sweden



Prof. Dilip Kumar Pratihara Professor
Department of Mechanical Engineering
Indian Institute of Technology Kharagpur, India



Prof. Rajiv Prakash Professor & Dean(R&D)
School of Materials Science and Technology
Indian Institute of Technology (BHU) Varanasi, India



Scope of the Conference

Paper pertaining to all Mechanical Engineering related topics. Topics include, but not limited to, the following areas:

Manufacturing

Additive Manufacturing
CAD/CAM/CAE/Reverse Engineering
Composite and Polymer Processing
Digital Manufacturing and Smart Systems
Green and Sustainable Manufacturing
Machine Tool Design
Machining, Forming and Joining Technology
Materials Technology
Metrology and Quality
Micro and Nano Manufacturing
Modelling and Simulation in manufacturing
Non-Traditional / Advanced Machining processes
Precision and Surface Engineering

Automation

AR/VR in Automation
Robotics and Automation
CAD and Automation
Design Automation
Industry 4.0
IIoT
Manufacturing Automation
Modeling and simulation
Optimization algorithms
Process Automation & Monitoring
Sensor Technology
UAV, AUV

Design

Aerospace design
Bioengineering design
Design for X and additive manufacturing
Design with composite materials
Design theory, methodology and management
FEA and its applications
Industrial design
Mechanical design
Product design and development
Tribology

Energy

AI and ML for Renewable Energy Sources (RES)
Computational Methods for RES
Energy Storage
Energy Security & its policies
Energy Modelling, Simulation & Optimizations
Hydrogen & Fuel Cells
Micro & Nano Energy Materials
Net Zero Energy concepts
Other Conventional Energy Sources and its technologies
Renewable (Green) Energy Sources and its technologies

Paper Submission

Authors are invited to submit their contributions through the Easy chair

https://easychair.org/cfp/ICoFT2020-MADE_NITPY



Publications

Peer reviewing will be done by the eminent experts in respective research areas. At least one author should register for each accepted paper and it has to be presented in the conference. Only registered / presented papers in the conference will be published in the peer reviewed International journals /Conference proceeding.

Abstract and Full Length Paper Format

Authors can visit the following webpage to download the abstract and full length paper template.

<https://nitpymech.github.io/icoft2020/>

Guidlines for Authors

Both abstracts and papers must report a substantial advancement in the field of mechanical engineering that is both original and significant.

Category I (Abstract Submission): The length of the abstract shall not exceed 1300 characters and shall be published in an abstract book. One of the authors is scheduled to attend the conference in order to make a brief presentation of the work. Submissions should highlight the new results in order to allow the Program Committee to make an assessment of the work.

Category II (Full Paper Submission): Regular paper submissions shall not exceed 8 (eight) pages inclusive of bibliography. One of the authors is required to attend the conference to make a full presentation of the work.

Formatting instructions for all papers: they must be written in English and use templates that can be downloaded from the conference website. Only PDF files will be accepted for the review process.

All submitted abstracts and papers will be subjected to a "similarity test". Papers achieving a minimal similarity index i.e. less than 20% will be examined, and those are deemed unacceptable will be rejected/withdrawn without a formal review.

Journal Details will be updated soon in website

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