



# International Conference on Industrial Digital Twins for Smart Manufacturing 2026



20-22 July 2026  
IIT Madras, India

## Call for Abstracts

The International Conference on Industrial Digital Twins for Smart Manufacturing (ICIDTSM 2026) will be held from 20–22 July 2026 at Indian Institute of Technology Madras, bringing together global leaders from academia, industry, research laboratories, and technology enterprises to explore the next evolution of intelligent manufacturing systems.

### Conference Focus

ICIDTSM 2026 is a high-impact international platform showcasing emerging technologies that are reshaping industrial ecosystems. The program will highlight advances in connected machines, autonomous robotics, and AI-driven decision systems, culminating in the deployment of fully integrated Digital Twin environments for smart manufacturing.

### Conference Topics

- Sensing Technologies
- IoT & IIoT
- Communication & Control Technologies
- Edge / Fog / Cloud Computing
- Robotics and Automation
- Additive Manufacturing and 3D Printing
- AI & ML for Smart Manufacturing
- Generative and Explainable AI
- Computational Metrology and Inspection
- Large Language Models & Agentic AI
- Digital Twins and Cyber-Physical Systems
- AR, VR & XR
- Industry 4.0 and Industry 5.0
- Smart & Dark Factories
- Human–Machine Collaboration
- Sustainable and Frugal Manufacturing

### Important Dates

Abstract Submission Deadline      **30th April 2026**  
Abstract Acceptance Notification    **10th May 2026**  
Registration Deadline                 **15th May 2026**

### Registration Fee

Category	Indian Nationals (INR)	International (USD)
Students/Research Scholars	5000	100
Faculty	8000	175
Industry & Govt. Organization	10000	200
Only Participation / Accompanying Person	3000	60

### Submission Guidelines

Authors are invited to submit a 2 page extended abstract of the research that has not been previously published or under review elsewhere. Abstracts will be peer-reviewed for technical soundness, originality, and relevance. Accepted abstracts will be included in the abstract book and will also be made available online. Authors can submit the full paper for further peer-review and publication in reputed journals and conference proceedings. Detailed instructions regarding abstract and full paper templates will be provided in the official ICIDTSM 2026 website.



# International Conference on Industrial Digital Twins for Smart Manufacturing 2026



## Organizing Committee

Patron : Prof. V. Kamakoti, Director, IIT Madras  
Convener & Organizing Secretary : Prof. N. Arunachalam  
Co-convener : Dr. Srinivasulu Devadula

## Local Organizing Committee

- Prof. C. Balaji
- Prof. Ramesh Babu N
- Prof. P. Chandramouli
- Prof. Krishnan Balasubramanian
- Prof. G.L. Samuel
- Prof. Amitava Ghosh
- Prof. Sushanta Kumar Panigrahi
- Prof. Sathyan S
- Prof. K. Hariharan
- Prof. Somashekhar S. Hiremath
- Prof. P.V. Manivannan
- Prof. Sundararajan Natarajan
- Prof. Palaniappan Ramu
- Prof. Murugaiyan Amirthalingam
- Dr. Anil Meena
- Dr. Piyush Shakya
- Dr. Charchit Kumar
- Dr. Anuj Kumar Tiwari

### **Website & Publicity**

Prof. Sushanta Kumar Panigrahi  
Dr. Anuj Kumar Tiwari

### **Abstract & Paper Review**

Prof. Amitava Ghosh  
Prof. G.L. Samuel

### **Sponsorship**

Prof. K. Hariharan  
Dr. Piyush Shakya

### **Conference Registration and Helpdesk**

Prof. P.V. Manivannan  
Dr. Anil Meena

### **Transportation & Accommodation**

Prof. Somashekhar S. Hiremath  
Dr. Charchit Kumar

## National Advisory Committee

- Prof. N Venkaiah (IIT Tirupati)
- Prof. Santhakumar Mohan (IIT Palakkad)
- Prof. M Ravisankar (IIT Tirupati)
- Prof. Palan I A (IIT Indore)
- Prof. S Aravindan (IIT Delhi)
- Prof. M Ramji (IIT Hyderabad)
- Prof. Kesavan (IIT Palakkad)
- Prof. Apurbba Kumar Sharma (IIT Roorkee)

## Venue and Location

**T.T.Jagannathan Auditorium, ICSR, IIT Madras, Chennai, PIN-600036, Tamil Nadu, India**

## **Contact Information**

Email ID: [icidtsm2026@gmail.com](mailto:icidtsm2026@gmail.com) | Contact: +91 98541 49839

Website: [www.ge.iitm.ac.in/icidtsm-2026](http://www.ge.iitm.ac.in/icidtsm-2026)

We warmly invite you to submit your latest research to ICIDTSM and look forward to welcoming you to IIT Madras, Chennai! **ICIDTSM 2026 Organizing Committee**

