

CHIEF PATRON

Convener Committee, Anna University

PATRONS

Dr. V. Kumaresan, Registrar, Anna University

Dr. P. Jayashree, Dean, MIT

ADVISORY COMMITTEE

Dr. Cheng Siong CHIN, NCL, UK

Dr. Xiao-Zhi Gao, UEF, Finland

Dr. Xavier Fernando, TMU, Toronto

Dr. Alvaro Rocha, UOC, Portugal

Dr. Narottam Das, CQU, Australia

Dr. Ahmed Zobaa, BUL, London

Dr. Daniel Hone, UP, Czech

B. Wayne Bequette, Rensselaer Polytechnic University, New York

Sebastin Engell, TU Dortmund University, Germany

Jong Min Lee, Seoul National University, South Korea

Dr. Rohollah (Roham) Moghadam, CSU, Sacramento

Dr. S. Jagannathan, Missouri S&T

Dr. R. Krishnan, Argonne National Laboratory

Dr. V. Jagadeesh Kumar, IITM (Retd.), India

Mr. Selva Kumar, LLC, USA

Dr. M. Chidambaram, IITM (Retd.), India

Dr. S. Reganathan, MIT (Retd.), India

Dr. P. Kanagasapathy, MIT (Retd.), India

Dr. T. Thyagarajan, MIT (Retd.), India

Dr. N. Selvaganesan, IIST, Trivandrum

Dr. N. Sivakumaran, NIT, Trichy, India

Dr. K. Srinivasan, NIT Trichy, India

Dr. R.C. Panda, CLRI (Retd.), India

Dr. A. Malarkodi, NIOT, India

Dr. S. Ramakrishnan, IITM, India

Mr. A. Prabhakaran, ISA South India Section Elect, India

Dr. D. Sivakumar, Annamalai University (Retd.), India

Dr. P. Sivasankar, NITTR, India

Dr. V. Manikandan, CIT, India

Dr. Rengasamy, DRDL, India

Mr. R. Kumarasamy, CPCL, India

Dr. K. Ramakrishnan, PEC

ORGANIZING COMMITTEE

Convener

Dr. S. Kumar, Professor, IE, MIT Campus, Anna University

Co-Convener

Dr. D. Manamalli, Professor & Head, IE, MIT Campus, Anna University

Organizing Secretary

Dr. D. Vasanthi, Professor, IE, MIT Campus, Anna University

Joint Organizing Secretary

Dr. D. Kalpana, Assistant Professor (Sl. Gr.), IE, MIT Campus, Anna University

Treasurer

Dr. A. Ganesh Ram, Assistant Professor (Sl. Gr.), IE, MIT Campus, Anna University

Joint Treasurer

Dr. V. Gomathi, Assistant Professor, IE, MIT Campus, Anna University

Chairperson (Technical Committee)

Dr. J. Prakash, Professor, IE, MIT Campus, Anna University

Co-Chairpersons (Technical Committee)

Dr. S. Srinivasan, Professor, IE, MIT Campus, Anna University

Dr. K. Latha, Professor, IE, MIT Campus, Anna University

Dr. M. Vijayakarthish, Associate Professor, IE, MIT Campus, Anna University

Dr. N. Vinoth, Associate Professor, IE, MIT Campus, Anna University

Chairperson (Publication Committee)

Dr. M. Mythily, Assistant Professor (Sl. Gr.), IE, MIT Campus, Anna University

Co-Chairperson (Publication Committee)

Dr. K. Kamalanand, Assistant Professor (Sl. Gr.), IE, MIT Campus, Anna University

Chairperson (Tutorial Committee)

Dr. Sabitha Ramakrishnan, Professor, IE, MIT Campus, Anna University

Coordinators (Tutorial – I)

Dr. N. Pappa, Professor, IE, MIT Campus, Anna University

Dr. S. Sutha, Professor, IE, MIT Campus, Anna University

Coordinators (Tutorial – II)

Dr. S. Meyyappan, Assistant Professor (Sl. Gr.), IE, MIT Campus, Anna University

Dr. C. Shanthi, Assistant Professor (Sl. Gr.), IE, MIT Campus, Anna University

Coordinators (Tutorial – III)

Dr. S. Srinivasan, Professor, IE, MIT Campus, Anna University

Dr. M. Mythily, Assistant Professor (Sl. Gr.), IE, MIT Campus, Anna University

Coordinators (Tutorial - IV)

Dr. Sabitha Ramakrishnan, Professor, IE, MIT Campus, Anna University

Dr. N. Vinoth, Associate Professor, IE, MIT Campus, Anna University

Members

Mr. K. Selvakumar, TF, IE, MIT Campus, Anna University

Dr. S. Arockia Suganya, TF, IE, MIT Campus, Anna University

Mr. S.S. Preamananad, TF, IE, MIT Campus, Anna University

Venue: MADRAS INSTITUTE OF TECHNOLOGY CAMPUS,
CHROMPET, ANNA UNIVERSITY, CHENNAI 600126

Chennai

Chennai is one of India’s important metropolitan cities and a leading destination for international conferences and global events. Strategically located along the Bay of Bengal, Chennai is known for its excellent connectivity through Chennai International Airport. The city is a major centre for industries such as information technology, automobile manufacturing, healthcare, and education. Blending tradition with modernity, Chennai offers a rich cultural experience with classical art forms and historic landmarks. Delegates can explore iconic attractions such as Marina Beach and nearby UNESCO World Heritage sites in Mahabalipuram. The city is also known for its hospitality, safety, and widespread use of English, ensuring a comfortable stay for international visitors.



Madras Institute of Technology (MIT)

Madras Institute of Technology (MIT), located in Chennai, is one of India’s premier engineering institutions with a distinguished legacy of academic excellence and innovation. Established in 1949, MIT is a constituent campus of Anna University and has been at the forefront of technical education. Renowned for producing industry leaders, researchers, and visionaries—including A. P. J. Abdul Kalam—the institute has played a pivotal role in shaping India’s technological progress. MIT offers a vibrant academic environment supported by modern laboratories, research centers, and strong collaborations with industry and academia worldwide. The campus fosters innovation, interdisciplinary research, and practical learning, making it an ideal venue for international conferences and academic exchanges



Department of Instrumentation Engineering

The Department of Instrumentation Engineering at Madras Institute of Technology, a constituent of Anna University in Chennai, is a centre of excellence dedicated to education and research in measurement, control, and automation technologies. The department equips students with strong theoretical knowledge and practical skills relevant to modern industries. With well-equipped laboratories, experienced faculty, and active research initiatives, the department encourages innovation and interdisciplinary collaboration. It maintains strong links with industries and research organizations. Its commitment to advancing instrumentation and automation technologies ensures meaningful engagement for participants from academia, industry, and research communities worldwide.



TIMA-2027

10th International Conference on



Trends in Industrial Measurements
and Automation (TIMA 2027)

6th, 7th & 8th - January, 2027
CHENNAI, INDIA

<http://tima2027.mitindia.edu>

FOCAL THEME: AI for Process Automation

Organised by

Department of Instrumentation Engineering, MIT Campus, Anna University

in association with

International Society of Automation (ISA) - South India Section



CONFERENCE TOPICS

The conference aims to explore emerging research developments, innovative methodologies, and recent advancements in the fields of Process Control and Instrumentation. It serves as a common platform for Academicians, Researchers, Industry Professionals and Students to exchange knowledge, share research findings and discuss technological innovations in Control and Instrumentation Engineering. The conference will also provide excellent opportunities for professional networking, collaboration and skill enhancement, thereby contributing to career growth and research excellence in the domain of Control and Instrumentation. Special emphasis will be given to the latest challenges, applications and future trends related to AI in Process Automation. Researchers and practitioners are invited to contribute original research papers and case studies on topics including, but not limited to, the following:

- Advanced Process Control

➤ Artificial Intelligence and Machine Learning in Process Automation

➤ Biomedical and Health Care Applications.

➤ Control Applications in Chemical, Power and Manufacturing Industries

➤ Cyber Physical System and Cyber Security in Industrial Automation

➤ Data Analytics and Predictive Maintenance

➤ Digital Twin and Smart Manufacturing

➤ Electrical and Hybrid Vehicles

➤ Embedded Systems and Real-Time Control

➤ Fault Diagnosis and Tolerant Control
- Green Energy and Waste Management System

➤ Industrial Drives and Control

➤ Instrumentation and Sensor Technology

➤ Intelligent Control Systems

➤ Internet of Things (IoT) & Industrial Internet of Things (IIoT) for Industrial Applications

➤ Process Optimization and Energy Management

➤ Renewable Energy Control Systems

➤ Signal Processing and System Identification

➤ Sustainable development in Agriculture Applications

➤ Wireless Instrumentation and Communication Systems

PRE-CONFERENCE TUTORIALS

Pre-conference tutorials will be held on 6th January 2027 on the following state-of-the-art topics:

- AI for Modelling and Control
- AI in Industry 5.0
- AI-Driven Industrial Instrumentation: From Sensors to Digital Twins
- Automation Evolution: Transitioning from traditional DCS to RAMI 4.0

Undergraduate and Postgraduate students, Research Scholars, Faculty Members, Scientists, and Professionals from Industry can register for the pre-conference tutorials. Registration is restricted to 60 participants only on a first come, first serve basis. The tutorial participants will be provided with a Tutorial kit, lecture material, a participation certificate, and lunch on 6th January 2027.

CALL FOR PAPERS

The full manuscript, not exceeding 10 pages, typed on A4-size paper as per the Springer Conference proceedings template, along with the title, authors, affiliation address, phone, and e-mail ID of the author(s), may be submitted through <https://tima2027.mitindia.edu>. The paper must be original and should not have been published in Journals or Conference proceedings. A panel of experts will review each paper, and detailed comments will be mailed to the authors. All selected papers will be submitted to Springer. The final decision for publishing the article is subjected to meet the quality requirements of Springer.

REGISTRATION FEE (Per Delegate)

	Indian Delegates			Foreign Delegates
	Academic		Industry	
	Students / Research Scholar	Faculty		
Tutorial	Rs.1000	Rs.1000	Rs.1000	100 USD
Conference	Rs.6500	Rs.7500	Rs.9500	200 USD
Tutorial & Conference	Rs.7000	Rs.8000	Rs.10000	250 USD

The conference registration fee includes:
Registration kit, souvenir, banquet lunch and dinner on 7th January, and banquet lunch on 8th January, paper presentation and participation certificates.

A/C Name: DIRECTOR, CSRC	A/C No: 30061247489
IFSC Code: SBIN0006463	MICR Code: 600002039
Bank: STATE BANK OF INDIA	Branch Name: ANNA UNIVERSITY, CHENNAI, A.U. COLLEGE CAMPUS
Branch Code: 006463	Swift Code: SBININBB291

ACCOMMODATION

Participants have to make their own arrangements for their stay in Chennai during the period of the conference. However, if requested, accommodation can be arranged in the guest house on a payment basis. Participants requiring accommodation may mail their request to ietima2027@gmail.com on or before 5th December 2026.

TIMA

The Trends in Industrial Measurements and Automation (TIMA) series is a well-established international conference associated with Madras Institute of Technology, Anna University, Department of Instrumentation Engineering. Initiated in 1996, TIMA serves as a premier forum jointly organized with professional bodies, bringing together academia, industry experts, and researchers in the field of instrumentation and automation. Over the years, previous editions of TIMA have attracted high-quality research paper submissions, covering emerging areas. Papers presented in the 9th edition of the conference were published in IEEE conference proceedings. With its strong emphasis on cutting-edge technologies and interdisciplinary research, TIMA has become a recognized and impactful international conference in the field of instrumentation engineering.

Duly filled registration form along with the online transaction details can be sent through email and posted to the following address:

Dr. D. Vasanthi

Organizing Secretary, TIMA 2027

Department of Instrumentation Engineering

MIT Campus, Anna University

Chromepet, Chennai – 600044

Phone: 044-22516035

Mobile No: 9489307781

E-Mail: ietima2027@gmail.com

CONFERENCE SOUVENIR BOOKLET

To commemorate the event, a soft copy of the conference souvenir booklet containing abstracts of papers presented in TIMA 2027, along with the advertisements of the sponsors, will be released.

IMPORTANT DATES

Manuscript Submission	1 st November, 2026
Decision of acceptance/rejection	15 th November, 2026
Final Paper Submission	1 st December, 2026
Conference Registration	10 th December, 2026
Tutorial Registration	20 th December, 2026
Tutorial Date	6 th January, 2027
Conference Date	7 th & 8 th January, 2027

10th International Conference on
Trends in Industrial Measurements and Automation (TIMA 2027)

6th, 7th & 8th - January, 2027

Department of Instrumentation Engineering, MIT Campus, Anna University,
Chromepet, Chennai – 600044

REGISTRATION FORM

Name:

Gender:

Male / Female

Designation:

Department/Organization:

Address for Communication:

Phone: (R):

(O):

Mobile:

Email:

Accommodation Required: Yes / No

Registration Fee: Tutorial / Conference / Tutorial & Conference

Fee Transaction Details:

Bank name:

Reference no./UPI transaction ID/

Ack. no:

Date:

Signature

Place:

Date: