

KEY NOTE SPEAKERS



Dr. Natesan Srinivasan

Professor
Department of Mathematics
Indian Institute of Technology Guwahati
Guwahati, Assam, India



Dr. Mohana Sundaram Muthuvalu

Professor
Department of Fundamental & Applied Sciences
University Teknologi PETRONAS
Malaysia



Prof. Jayantha Lanel

Professor
Department of Mathematics
University of Sri Jayewardenepura
Nauegoda
Sri Lanka



Dr. Anwar P. P. Abdul Majeed

Associate Professor
Department of Data Science & Artificial Intelligence
Sunway University
Malaysia



Dr. M. Anand Kumar

Associate Professor
Department of Information Technology
National Institute of Technology
Surathkal, Karnataka, India.



Dr. K. Kaliraj

Assistant Professor
Department of Ramanujan
Institute for Advanced Study in Mathematics
University of Madras, Chennai, India



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**INTERNATIONAL CONFERENCE ON
APPLIED MATHEMATICS AND
COMPUTING (ICAMAC25)**



**In Commemoration of
Ruby Jubilee Year of
Kongu Engineering College**

**Organized by
DEPARTMENT OF MATHEMATICS
Kongu Engineering College**

(Autonomous)

Perundurai, Erode, Tamil Nadu, India

Conference Dates : 21 & 22 FEBRUARY, 2025

Hybrid Mode

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GET IN TOUCH

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Website Link

<https://icamac.kongu.edu>



ABOUT THE COLLEGE

Kongu Engineering College, a leading research oriented institution with excellent facilities, run by Kongu Vellalar Institute of Technology Trust [KVITT] was established in the year 1984. The Programmes of the institute are accredited by NBA and the institute is accredited by NAAC for 5 years with the grade of A++ .The Institution has completely enclosed with great natural beauty. It consists of 167 acres of land richly endowed with beautiful Greenland. It is an autonomous institution affiliated to Anna University, Chennai. The college has completed 40 years of dedicated and excellent service to the people of India and abroad in the field of Technical Education. The college offers 17 UG Programmes, and 7 PG Programmes in Engineering, Applied Sciences and Management. It is one of the best self-financing engineering colleges imparting high quality technical education in Tamil Nadu, India, and is well-known for its technical excellence, modern facilities, record of performance with excellent results and enterprising students. In the NIRF 2024 rankings, the college has been placed in the 101–150 band in the Engineering category among private engineering colleges.

ABOUT THE DEPARTMENT

The Mathematics Department occupies a prominent place in the annals of the academic history of the college since its inception in the year 1984. The department offers Ph.D degree programme and produces efficient research scholars. The department has 23 experienced faculty members including 19 doctorates with different specializations in Mathematics and its applications. A good number of research papers are published by the faculty in National/ International Journals.

CONFERENCE THEMES

Applied Mathematics

- ◇ Differential Equations and their Applications
- ◇ Numerical Analysis and Computational Techniques
- ◇ Optimization and Operational Research
- ◇ Probability, Statistics, and Stochastic Processes
- ◇ Dynamical Systems and Chaos Theory
- ◇ Computational Fluid Dynamic
- ◇ Mathematical logic and foundations
- ◇ Mathematical Methods in Computational Sciences and Engineering
- ◇ Mathematical models for the information society
- ◇ Fuzzy Logic, Neural Networks, Fuzzy Set Theory
- ◇ Coding Theory, Reliability, Geometry and Topology, Graph theory and Combinatorics, Computation in Complex Networks, Computational Statistics

- ◇ Uncertainty Theory and applications
- ◇ Group theory, Fuzzy graphs
- ◇ Calculus and differential Equations in Computational Science.

Automation

- ◇ Modern Power Electronics, Drives and Controls
- ◇ Smart Cities & Technologies for Sustainable Development
- ◇ Electric Power Generation
- ◇ Power System Management Technologies
- ◇ Modeling and Simulation of Power Systems
- ◇ Smart Grid Technologies
- ◇ Renewable Energy Systems
- ◇ Hybrid Electric Vehicles
- ◇ High Voltage Engineering and Insulation Technology
- ◇ HVDC and FACTS, Electricity Market in Smart Grid
- ◇ Distributed Generation and Grid Interconnection, Robotics, UAV and Autonomous Vehicle Technologies
- ◇ Intelligent Industrial Process Control
- ◇ Intelligent Robotics and Control
- ◇ Fuel Cell and Battery Technologies
- ◇ Embedded Control for Energy Systems
- ◇ Signal and Image Processing
- ◇ Biomedical Engineering and Systems
- ◇ Embedded Systems
- ◇ Neural Networks and Intelligent Systems
- ◇ MEMS Design
- ◇ Satellite and Wireless Communications
- ◇ Antennas and Propagation
- ◇ Sensors, Biosensors, Signal Processing and Applications
- ◇ Solid State Devices and Materials
- ◇ Optical Communications and Photonics
- ◇ RF and Microwave Circuits and Devices
- ◇ Wireless/Radio Access Technologies
- ◇ Massive MIMO Communication Systems

Computation

- ◇ Computing Cryptography and Information Security.
- ◇ Quantum Computing
- ◇ Artificial Intelligence
- ◇ Fuzzy control and Intelligent systems
- ◇ Pattern Recognition and Image Processing
- ◇ Big Data Analytics and Mining
- ◇ Distributed and Cloud Computing
- ◇ IoT-based Big Data Analytics,
- ◇ Information Security
- ◇ Communication Networks and security

SUBMISSION GUIDELINES & INDEXING

Faculty members/research scholars/scientists from India and abroad are invited to submit original and unpublished research articles on the topics related to the conference. Research papers should present novel perspectives within the general scope of the conference. The abstract and manuscript must adhere to the conference template format which is available in the conference website (<https://icamac.kongu.edu/>). The papers received will be peer reviewed and the accepted quality papers will be published by Taylor & Francis as a Proceedings book (Scopus Indexed) entitled "Applied Mathematics and Computing" with a minimum publication charge / Scopus Indexed Book Chapter with an additional publication charge / a Journal indexed in Google Scholar with an amount of Rupees 2000

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IMPORTANT DATES

- | | | |
|--|---|-------------------|
| Last date for receipt of abstract | : | 20.01.2025 |
| Intimation of acceptance of abstract | : | 25.01.2025 |
| Last Date for Full length paper submission | : | 08.02.2025 |
| Last date for conference registration | : | 15.02.2025 |
| Last Date for Intimation of final acceptance from Participants | : | 17.02.2025 |
| Conference registration opens on | : | 26.01.2025 |
| Conference registration ends on | : | 15.02.2025 |

ACCOMMODATION

Accommodation will be provided for the participants on request, at a nominal cost in the college campus.

Bank Details :

- Account Name : Kongu Engineering College Grants
Account No. : 1247155000001832
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- ◇ Dr. S. Marshal Antony, AURCC, India
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REGISTRATION

Category of Delegate / Author(s)	Registration Fee
For Indian Nationals (INR)	
Academician	1500
Student / Research Scholar	1000
Listener	500
For Foreign Nationals (US \$)	
Academician	40

Registration Link

<https://icamac.kongu.edu/register.html>

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