



1st International Conference on
Mathematics and AI: Modelling, Analysis and Computation (ICMAI-MAC)

10-11 December 2026

Department of Applied Sciences, NITGoa

Chief Patron

Prof. O. R. Jaiswal, Director, NIT Goa, India.

Organizing Chairs

Dr. Shangerganesh L., Department of APS, NIT Goa.
Dr. Ravi Ragoju, Department of APS, NIT Goa.
Dr. Ravi Prasad K J, Department of APS, NIT Goa.

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Dr. Saidi Reddy Parne, Department of APS, NIT Goa.
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Dr. Sunil Kumar, Department of HSS, NIT Goa.
Dr. Shiva Kumar Reddy G, Department of APS, NIT Goa.
Dr. Najiya V K, Department of APS, NIT Goa.
Dr. Unais K T, Department of HSS, NIT Goa.

Tentative Speakers

Plenary Keynote Speakers

Dr. Ahmed S. Hendy, Ural Federal University, Russia.
Dr. Akambadath. K. Nandakumaran, IISc, Bangalore, India.
Dr. Amar Debbouche, Guelma University, Algeria.
Dr. Anantha Lakshmi Narayana P, IIT Hyderabad, India.
Dr. Balachandran K., Bharathiar University, India.
Dr. Benerji Babu A, NIT Warangal, India.
Dr. David Laroze, Universidad de Tarapacá, Chile.
Dr. Kirankumar Hiremath, IIT Jodhpur, India.
Dr. Mahadevan G, GRI, India.
Dr. Michele Celli, University of Bologna, Italy.
Dr. Natesan Srinivasan, IIT Guwahati, India.
Dr. Rachid Bennacer, Univ Paris-Saclay, France.
Dr. Sekhar T V S, IIT Bhubaneswar, India.
Dr. Siddheshwar P G, CHRIST, India.
Dr. Sivaram Ambikasaran, IIT Madras, India.
Dr. Srinivas Acharya, NIT Warangal, India.

Senior Invited Speakers

Dr. Barani Balan Natesan, CU Tamilnadu, India.
Dr. Danumjaya Palla, BITS Goa Campus, India.
Dr. Devakar M, VNIT Nagpur, India.
Dr. Dhananjay Yadav, University of Nizwa, Oman.
Dr. Gnanavel Soundararajan, CU Karnataka, India.
Dr. Gowrisankar S, NIT Patna, India.
Dr. Gujji Murali Mohan Reddy, BITS Hyderabad, India.
Dr. Janardhana Reddy G, CU Karnataka, India.
Dr. Jaya Prakash, IISc, Bangalore, India.
Dr. Karthikeyan S, Periyar University, India.
Dr. Mahanthesh Basavarajappa, TAMIU, USA.
Dr. Partha Sarathi Mandal, NIT Patna, India.
Dr. Parthiban V, VIT Vellore, India.
Dr. Sakthivel Kumarasamy, IIST, India.
Dr. Seenivasan M, Annamalai University, India.
Dr. Sivaraj R, NIT Jalandhar, India.
Dr. Srinivas S, VIT AP, India.
Dr. Stanislava V. Voloshinova, RAS, Russia.
Dr. Surender Ontela, NIT Kurukshetra, India.
Dr. Zico Meetei Mutum, Jazan University, Saudi Arabia.

Young Invited Speakers

Dr. Bakkyaraj T, IIIT Kottayam, India,
Dr. Balakumar V, NIT Puducherry, India.
Dr. Govindaraj V, NIT Puducherry, India.
Dr. Jessica Fernandes e Pereira, Goa University, India.
Dr. Kavaskar T, CU Tamilnadu, India.
Dr. Lakshmi Narayan Guin, SB Visva-Bharati, India.
Dr. Lok Pati Tripathi, IIT Goa, India.
Dr. Maher Alwuthaynani, Taif University, Saudi Arabia.
Dr. Manimaran J, VIT Chennai, India.
Dr. Mathiyalagan K, Bharathiar University, India.
Dr. Mridini Gawas, Goa University, India.
Dr. Sambath M, Periyar University, India.
Dr. Suvinthra M, Bharathiar University, India.

About the Institute

The National Institute of Technology Goa (NITGoa) is one of India’s premier technical institutions, established in 2010 under the provisions of the NIT Act (2007) and its 2012 amendment. It is functioning under the Ministry of Education (MoE), Government of India, and has been declared as an “Institute of National Importance”, reflecting its commitment to excellence in higher education and research. The institute provides a well-structured and industry-oriented academic framework comprising five undergraduate (B.Tech.), three postgraduate (M.Tech.), and doctoral (Ph.D.) programmes across Engineering, Applied Sciences and Humanities & Social Sciences. These programs are designed to build a strong theoretical foundation complemented by practical exposure, enabling learners to excel in both academia and industry.

About the Conference

ICMAI-MAC emphasizes the development of rigorous theories and computational methods in various fields, including applied mathematics, differential equations, fluid mechanics, optimization, numerical analysis, data science, machine learning, scientific computing, functional analysis, and mathematical methods & models applicable to biology, finance, and other related fields. These mathematical foundations are indispensable for developing reliable, explainable, and efficient AI algorithms and computational tools. The conference addresses emerging challenges in science and engineering through mathematical modeling and AI-driven approaches. It aims to promote interdisciplinary collaboration, knowledge exchange between academia and industry, and provide a platform for young researchers to present their innovative research.

Call for Papers

Authors are invited to submit extended abstracts on the below-mentioned themes for ICMAI-MAC 2026, adhering to the prescribed template available on <https://nitgoa.ac.in/icmai-mac2026/>. Selective full-length papers will be considered for publication in SCIE/ESCI/Scopus indexed journals and conference proceedings (subject to the outcome of the submitted proposals).

Note: Proposals for minisymposium are open. Interested organizations/researchers are invited to contact the organizers on or before 15th October 2026.

Themes of ICMAI-MAC 2026

Covering Mathematical Modeling, Scientific Computing, and Artificial Intelligence-individually and in combination, including but not limited to:

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|--------------------------|--------------------------------------|-----------------------------|
| ➤ Applied Mathematics | ➤ Stochastic Modeling | ➤ Machine Learning |
| ➤ Mathematical Modeling | ➤ Optimization & Operations Research | ➤ Artificial Intelligence |
| ➤ Differential Equations | ➤ Probability & Statistical Modeling | ➤ Forecasting |
| ➤ Dynamical Systems | ➤ Control Theory | ➤ Data Science |
| ➤ Fluid Mechanics | ➤ Linear Algebra & Graph Theory | ➤ Cryptography |
| ➤ Numerical Analysis | ➤ Analysis & Functional Analysis | ➤ Statistics & Econometrics |

Fee Details (Including GST)

Category	Early-Bird Registration Fee		Late Registration Fee
	Indian	Overseas	Indian
Research Scholars	Rs. 3540/-	50 USD	Rs. 4720/-
Faculty/ Scientist	Rs. 5015/-	100 USD	Rs. 6195/-
Industry Personnel	Rs.7080/-	200 USD	Rs. 8260/-
Note: Limited paid accommodation available on a first-come, first-served basis.			

Registered participants will receive a conference kit, a book of abstracts, refreshments, and food.

Important Dates

Abstract Submission Starts	7 th Aug 2026
Abstract Submission Ends	30 th Sep 2026
Early-Bird Registration Starts	1 st Sep 2026
Early-Bird Registration Ends	31 st Oct 2026
Late Registration Ends	20 th Nov 2026



Contact Us

Dr. Shangerganesh L : 0832-2595313, 9843517272

Dr. Ravi Ragoju : 0832-2595311

Dr. Ravi Prasad K J : 0832-2595312

Conference Office : 0832-2595308

E-mail: icmai-mac@nitgoa.ac.in

Website: <https://nitgoa.ac.in/icmai-mac2026/>