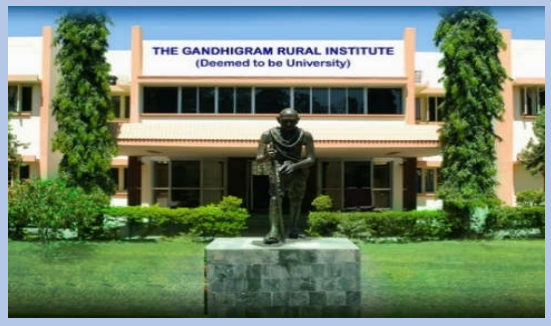
INTERNATIONAL CONFERENCE ON INTELLIGENT MATHEMATICAL MODELING, ANALYSIS AND COMPUTATION (ICIMMAC-2027)

JANUARY 27 – 29, 2027

Organized By

Department of Mathematics,
The Gandhigram Rural Institute
(Deemed to be University)
(Ministry of Education, Govt. of India)
Gandhigram – 624 302, Dindigul,
Tamil Nadu, India.



Possible Publication Partners

ELSEVIER Scopus Springer

ABOUT THE INSTITUTE

The Gandhigram Rural Institute (GRI), founded by two dedicated disciples and contemporaries of Mahatma Gandhi, Dr. G. Ramachandran and Dr. T. S. Soundaram Ramachandran, has as its foundation Mahatma Gandhi's revolutionary philosophy of Nai Talim, which effectively bridges the cognitive and practical dimensions, and focuses on the holistic development of learners, with an emphasis on skill development through value-based education, rooted in indigenous cultures and traditions. Since its establishment in 1956, GRI has been unstintingly contributing to higher education and has successfully pioneered rural higher education. The curricular model developed at GRI organically integrating teaching, research and extension have earned the Institute, the status of Deemed University in 1976 by UGC, the five-star status by NAAC in 2002, 'A' Grade during the re-accreditation in 2010 by NAAC and 'A' Grade in its third cycle of reaccreditation in the year 2016 and 'A++' Grade in its fourth cycle of accreditation in the year 2025 by NAAC.

ABOUT THE DEPARTMENT

The Department of Mathematics was established in the year 1965 at the Gandhigram Rural Institute-Deemed to be University, Tamil Nadu. The major research fields being carried out in this Department are Stability Problems of Dynamical Systems, including Neural Networks, Fractal Theory and its Applications, Optimization in Marketing related problems, Control theory, Graph Theory, Algebraic Graph Theory and Quantum Computing Algorithms. The Department has published more than 908 research articles in SCI journals with SCOPUS indexed of more than 16,462. So far the Department of Mathematics has produced 113 Ph.Ds. Additionally department has 10,684 books for the students accessible in the department library supported by UGC-SAP, DST-FIST, NBHM, etc. Since 1997, faculty members are receiving funds from various funding agencies including UGC, NBHM, CSIR and DST-SERB for research and developments. As a result of consistent performance in research, the Department is upgraded with UGC - SAP (DSA-I). International-level research collaborations are being undertaken with FAMU, Florida, USA, Deakin University, Australia, University of Technology, Sultanate of Oman, UAE, Institute of Mathematical Sciences, University of Malaya & UCSI University, Malaysia, Nanyang Technological University, Singapore, Yonsei University, South Korea, United Arab Emirates University, UAE, University of Texas at Arlington, Texas, USA, Pusan / Kunsan National Universities, South Korea, and University of Colombo, Sri Lanka. So far the Department has successfully conducted 25 International/National Conferences/Seminars/Workshops. In addition to that the Department has successfully completed 30 funded research projects. Every year the Department celebrates National Mathematics Day and an Intercollegiate Math Fest Competition organized by the Students Association.

ABOUT THE CONFERENCE

The International Conference on Intelligent Mathematical Modeling, Analysis and Computation (ICIMMAC-2027) focuses on the integration of mathematical modeling, mathematical analysis and algebra, artificial intelligence, machine learning, optimization theory, graphs, networks, numerical methods, data science, and scientific computing to address complex real-world problems. The conference aims to provide a platform for researchers, academicians, scientists, and industry professionals to exchange recent developments in theoretical and applied mathematics and explore innovative computational approaches in areas such as healthcare, engineering, finance, environmental science, agriculture, technology, and other interdisciplinary fields. To sum-up, the conference emphasizes the role of intelligent mathematical and computational techniques in developing accurate, efficient, reliable, and sustainable smart solutions to emerging scientific and technological challenges.

A major strength of the theme is, its interdisciplinary nature. Mathematical Modeling involves translating real-world phenomena into mathematical equations, systems, algorithms, or computational frameworks. The models can be used to understand, predict, optimize, and control complex systems. The word "Intelligent" highlights the use of modern technologies such as Artificial Intelligence (AI), Neural Networks (NNs), Machine Learning (ML), Deep Learning, computational intelligence, Quantum Computing, and data-driven approaches along with traditional mathematical models. Once a mathematical model is developed, "Analysis" is required to understand its properties and reliability. The "Computation" component focuses on converting mathematical models into practical computational methods and algorithms.

ORGANIZING COMMITTEE

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Vice-Chancellor,
The Gandhigram Rural Institute

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The Gandhigram Rural Institute

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The Gandhigram Rural Institute

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Professor & Head, Dept. of Mathematics
The Gandhigram Rural Institute

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Professor, Dept. of Mathematics, GRI

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Dr. M. Sankaranarayanan **Dr. K. S. Jenavee**
Department of Mathematics, Gandhigram Rural Institute

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INVITED SPEAKERS

Dr. Rajkumar Durairaj
Deputy Vice Chancellor (Academic)
UCSI University, Kuala Lumpur, Malaysia
Dr. Anke Meyer-Baese
Florida State University, USA
Dr. Shonda Bernadin
FAMU Google Endowed Professor, Florida A & M University, USA
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University of Colombo, Sri Lanka
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Swinburn University of Technology, Australia
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NASE and Medicine, U.S.A
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Scientist-C, CSIR-NIDSA, Bangalore, INDIA
Dr. P. Muthukumar
IIT-Kanpur, India
Dr. R. Ashok
NIT-Calicut, Kerala, India
Dr. K. Palpandi
NIT-Calicut, Kerala, India

CALL FOR PAPERS & PUBLICATIONS

The authors are requested to send their original research papers in pdf file format, relevant to the topics included but are not limited by e-mail to: **icimmac2027@gmail.com**. The paper will be accepted only after scrutiny and a peer review process.

The presented and selected high-quality original papers will be submitted for possible publication in **SCOPUS/WEB OF SCIENCE** indexed conference proceedings/journals.

Topics to be covered

Artificial Intelligence, Quantum Computing, Neural Network, Cryptography, Coding Theory, Graphs & Networks, Optimization Techniques, Control Theory, Stability Analysis, Stochastic Modelling, Dynamical System, Image Processing, Fractal Theory, Numerical Analysis, Algebraic Graph Theory, Differential Equations, Functional Equations, Number Theory, Operator Theory, and Fuzzy Set Theory.

REGISTRATION FEE

Participants	Indian Delegates	Foreign Delegates
Industry R &D	₹ 3000	$ 150
Faculty /Academicians	₹ 2500	$ 100
Ph.D. Scholars / Students	₹ 2000	$ 50
GRI Faculty/Scholars/Students	₹ 1000	$ 25

*The registration fee may be waived for young scientists and full-time PhD scholars, subject to the availability of sufficient financial support from ANRF, CSIR, or INSA.

**The Registration fee covers conference kit, food and refreshments during the conference days. No TA/DA will be provided for the delegates.

ACCOMMODATION

A limited number of accommodations for the participants will be arranged on a payment basis in the University Faculty Guest House on prior request.

IMPORTANT DATES

Last Date for Abstract Submission : **04.12.2026**
Acceptance Notification for Presentation : **15.12.2026**
Last Date for Full Paper Submission : **30.12.2026**
Last Date for Registration : **08.01.2027**

CONTACT DETAILS

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For more details, refer Conference Website:
https://sites.google.com/view/icimmac2027/

VENUE

Silver Jubilee Hall
The Gandhigram Rural Institute
(Deemed to be University)
Gandhigram-624302, Dindigul, Tamil Nadu, India.
www.ruraluniv.ac.in
https://ruraluniv.irins.org