

Call for Papers - Important Dates:

- Last date of Registration and Submission of Extended Abstract (250 - 500 words): **31 October 2026**
- Abstract Acceptance Notification: **05 November 2026**
- Full-Length Paper Submission: **15 November 2026**

Publication:



Selected papers will be considered for publication in **SCOPUS INDEXED** Journals:
1. **Kongzhi yu Juece / Control and Decision**
2. **International Journal of Maps in Mathematics**
Additional publication partners will be announced on the conference website.

Best Paper Awards will recognize outstanding presentations.

*Please visit the conference website for the submission formats and publication details.

Registration Fees (Including 18% GST):

Category	Workshop	Conference	Workshop + Conference
ISMMAcs Members/VIT Members	Rs. 750/-	Rs. 3500/-	Rs. 4250/-
Students (UG/ PG/ Research Scholars)	Rs. 750/-	Rs. 3750/-	Rs. 4500/-
Faculty/Post Doc/Industrial participants	Rs. 1000/-	Rs. 4000/-	Rs. 5000/-
International Participants**	25 USD	75 USD	100 USD

**International participants are requested to contact the conference organizers via email for registration.

Accommodation Fee (Including 5% GST & covers a complimentary special breakfast)***:

Room Type	2 Bed (AC)	2 Bed (Non-AC)	4 Bed (AC)	4 Bed (Non-AC)
Room Fare (Per Day)	Rs. 450/-	Rs. 420/-	Rs. 300/-	Rs. 270/-

Mode of participation: offline + limited online participation.

The registration fee for participants attending in offline mode includes morning and evening refreshments, working lunch, dinner, a conference kit, and a possible excursion trip as part of the event arrangements.

*** Accommodation will be allotted on a first-come, first-served basis. Accommodation bookings will commence in November 2026. The accommodation fee may be paid through the Registration and Fee Payment link.

Spot Registrations will be available in limited numbers.

Registration & Accommodation

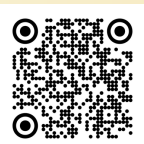
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✉ aamct2026@vitap.ac.in

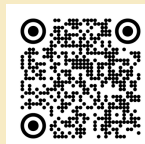
Abstract Submission

forms.gle/QThdXaEb76d30C7i7



Conference Website

www.aamct.vitap.ac.in



🌐 www.aamct.vitap.ac.in

School Website: vitap.ac.in/allschools/sas
University Website: vitap.ac.in/
ISMMAcs Website: www.ismmacs.org.in/



VIT-AP University, Amaravati
Beside AP Secretariat - 522241,
Andhra Pradesh.



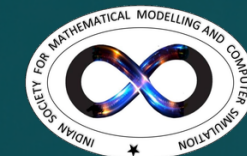
Connect, Collaborate, and
Create the Future of Mathematics.



Ranked #1 among Emerging
State Private Universities in India
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VIT-AP
UNIVERSITY



Annual Conference of ISMMACS in Conjunction with the International
Conference on

ADVANCES IN APPLIED MATHEMATICS AND COMPUTATIONAL TECHNIQUES (AAMCT)

and

Pre-Conference Workshop on MATHEMATICAL MODELING IN SCIENCE AND ENGINEERING: INTERDISCIPLINARY APPLICATIONS AND RESEARCH PERSPECTIVE

Workshop:

Dec 17, 2026

Conference:

Dec 18 - 20, 2026

Mode: Offline



Organized by
Department of Mathematics
School of Advanced Sciences
VIT-AP University
Andhra Pradesh, India

aamct2026@vitap.ac.in

www.aamct.vitap.ac.in

About VIT-AP University

Established under the visionary leadership of its Founder and Chancellor, Dr. G. Viswanathan, VIT-AP University has emerged as one of India's leading institutions of higher education, renowned for excellence in academics, research, innovation, and global engagement. The University has been ranked No. 1 among Emerging Private Universities in India by Outlook (2022–2024), awarded the QS I-GAUGE Gold Rating (2025), and recognized among the CSR Top Leading Universities in India (2026). With world-class infrastructure, distinguished faculty, and a research-driven ecosystem, VIT-AP University fosters interdisciplinary learning, innovation, and academic excellence to address contemporary scientific and societal challenges.

About the School of Advanced Sciences

The School of Advanced Sciences (SAS), one of the seven schools of VIT-AP University, comprises the Departments of Mathematics, Physics, and Chemistry. Dedicated to excellence in education, research, and innovation, the School promotes interdisciplinary learning, scientific inquiry, and project-based education across undergraduate, postgraduate, and doctoral programmes. With a strong emphasis on academic rigor and research excellence, SAS prepares students to address emerging scientific and technological challenges while contributing to national and global advancements.

About the Department of Mathematics

The Department of Mathematics at VIT-AP University, with over 100 doctoral-qualified faculty members, is dedicated to excellence in teaching, research, and innovation. The department offers undergraduate and postgraduate programmes in data science, supports the mathematical education of multiple schools, and promotes cutting-edge research in pure and applied mathematics, data science, and interdisciplinary domains to address contemporary scientific and technological challenges.

About ISMMACS

The Indian Society for Mathematical Modeling and Computer Simulation (ISMMACS), established in 1993 and headquartered at IIT Kanpur, is a premier professional society dedicated to advancing mathematical modelling, computational science, and simulation. Through conferences, symposia, workshops, and research initiatives, ISMMACS promotes interdisciplinary collaboration, knowledge dissemination, and excellence in science, engineering, and technology.

About the Conference-cum-Workshop

The Conference-cum-Workshop offers a dynamic platform for presenting cutting-edge research, exchanging innovative ideas, and fostering interdisciplinary collaborations in differential equations, mathematical modelling, dynamical systems, computational techniques, and their scientific and engineering applications. Featuring keynote lectures, technical sessions, workshops, and thematic symposia, the event provides valuable opportunities for researchers, scholars, and practitioners to interact with leading experts and explore emerging research trends and collaborative opportunities.

Workshop Themes

The Pre-Conference Workshop aims to provide young researchers, doctoral scholars, and early-career faculty with a strong foundation in the theory and computational methodologies of dynamical systems, highlighting contemporary techniques, emerging research directions, and interdisciplinary applications including but not limited to:

- Ordinary and Partial Differential Equations in Mathematical Modelling
- Nonlinear Dynamical Systems
- Chaos and Bifurcation Theory
- Fractional Dynamical Systems
- Numerical Methods, Computational Solvers, and Scientific Simulations
- Applications in Biological Systems, Climate Modelling, and Control Theory
- Quantum Machine Learning

Conference Themes

The conference serves as an international forum for researchers, academicians, industry professionals, and students to disseminate cutting-edge research and exchange pioneering ideas in differential equations, dynamical systems, applied mathematics, and computational techniques. It seeks to foster interdisciplinary collaboration and scholarly discourse across theoretical, computational, and applied domains. Original research contributions are invited in, but are not limited to, the following areas:

- Analytical and Numerical Methods for Ordinary and Partial Differential Equations
- Mathematical Modeling and Scientific Computing
- Computational and Biofluid Dynamics
- Controllability, Observability, and Stability of Differential Equations
- Scientific Machine Learning and its Applications
- Fractional and Delay Differential Equations
- Special Functions and their Applications
- Dynamical Systems, Nonlinear Dynamics, and Chaos
- Applied Algebra and Analysis
- Spectral Graph Theory and its Applications
- Optimization and Game Theory
- Quantum AI

Symposia Themes

The conference cum workshop will also feature a series of specialized thematic symposia focusing on

- Recent Advances in Quantum Computing, AI, and Machine Learning for Scientific and Engineering Applications
- Recent Trends in Non-linear Dynamics and its Interdisciplinary Applications
- Advances in Rheological Fluid Flow Modeling and Simulation

Invited Speakers:

- **Dr. B. V. Rathish Kumar**, IIT Kanpur
- **Dr. Peeyush Chandra**, IIT Kanpur
- **Dr. Shalabh**, IIT Kanpur
- **Dr. Anuj Mubayi**, IBA Fellow, USA
- **Dr. Ashwin Vaidya**, Montclair State University, USA
- **Dr. Arni S. R. Srinivasa Rao**, Augusta University, USA
- **Dr. Arvind K Misra**, BHU Varanasi
- **Dr. C. S. Sastry**, IIT Hyderabad
- **Dr. Y. V. S. S. Sanyasiraju**, IIT Madras
- **Dr. Parshant K Srivastava**, IIT Patna
- **Dr. Girish Kumar Rajan**, IIT Tirupati
- **Dr. Manoranjan Misra**, IIT Ropar
- **Dr. G. P. Rajashekar**, IIT Kharagpur
- **Dr. A. S. V. Ravi Kanth**, NIT Kurukshetra
- **Dr. Arun Kumar**, CSIR-NIIST, Thiruvananthapuram
- **Dr. Mohit Kumar Jolly**, IISC, Bangalore
- **Dr. Chella Durga Prasad**, IIT Tirupati
- **Dr. Kurada Surya Mallikarjunarao**, IIT Bombay
- **Dr. Om P Suthar**, MNIT, Jaipur
- **Dr. R Sivaraj**, NIT, Jalandhar
- **Dr. Tumuluri Suman Kumar**, University of Hyderabad
- **Dr. B. S. R. V. Prasad**, VIT, Vellore
- **Dr. Anant Kant Shukla**, VIT, Bhopal
- **Dr. Ch. Aswin Kumar**, VIT, Vellore
- **Dr. P. D. N. Srinivasu**, Andhra University
- **Dr. Sujit Ghosh**, NC State University, USA
- **Dr. Pradeep G. Siddheshwar**, Christ (Deemed to be University), Bangalore
- **Dr. P. V. S. N. Murthy**, IIT Kharagpur
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- **Dr. Kapil Sharma**, SAU, New Delhi
- **Dr. Navnit Jha**, SAU, New Delhi
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- **Dr. Joydip Dhar**, ABVIITM, Gwalior
- **Dr. Ritesh Kumar Dubey**, SRM Chennai
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- **Dr. Alexander Domoshnitsky**, Ariel University, Israel
- **Dr. Thirupathi Gudi**, IISC, Bangalore
- **Dr. Vishwesha Guttal**, IISC, Bangalore

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