SASTRA

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DEEMED TO BE UNIVERSITY
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THINK MERIT | THINK TRANSPARENCY | THINK SASTRA

International Conference on Mathematics and its Applications in Technology-2025

March 28, 29 - 2025

Organized by

**Department of Mathematics
&
Computer Science and Engineering
Srinivasa Ramanujan Centre
Kumbakonam, India**

SASTRA - SRINIVASA RAMANUJAN CENTRE

SASTRA has reached national standing in terms of academic performance, co-curricular, extra-curricular activities and commitment to social service. SASTRA offers various Undergraduate, Postgraduate and Doctoral Programmes in Engineering, Arts, Science, Law and Management. The excellence of the academic programmes offered by the University is replicated in the ratings awarded by National Assessment and Accreditation Council (NAAC) which has reaccredited SASTRA with a maximum grade of A++ with score 3.76/4.00 in cycle IV, retaining the status of the Category I University.

SASTRA established Srinivasa Ramanujan Centre (SRC) in 2002 as a fitting tribute to the great mathematician, Srinivasa Ramanujan who spent most of his formative years in the temple town of Kumbakonam. This centre also houses a museum called "House of Ramanujan Mathematics".

SASTRA purchased and restored the house where Srinivasa Ramanujan lived and spent his childhood days and maintaining as an international monument.

ABOUT THE DEPARTMENTS

The Department of Mathematics was established in 2002. The Department has 13 faculty members with rich research and teaching experience. The Department has established computer laboratory for Discrete Mathematics under the FIST Programme. The Department is supported by NBHM Library grant.

The Department of Computer Science and Engineering is also established in 2002 and is the biggest department with 54 faculty rich in industrial, Research and Academic background. The department has state-of-art laboratories with 360 high performance computers, several licensed softwares along with Netsim and MATLAB2023.

SASTRA-RAMANUJAN AWARD

The prestigious SASTRA-RAMANUJAN Award was instituted in 2005 to honour young mathematicians (age limit of 32) for their outstanding contributions in the area of Mathematics influenced by Srinivasa Ramanujan. The award comprises 10,000 USD and a citation. The award has gained global recognition as one of the top most awards given to mathematicians. Till now 21 mathematicians have received the award. Six among those 21 have gone on to win Fields medal subsequently.

PREVIOUS CONFERENCE

International Conference on Mathematics and its Applications in Technology-2023 was organized during March 24, 25 – 2023 in Hybrid mode. 12 invited talks were delivered and around 100 papers were presented. Selected papers were published in Multidisciplinary Science Journal and AIP Conference Proceedings; both SCOPUS indexed.

CALL FOR PAPERS

Objective of the conference ICMAT2025 is to create platform for the researchers and Postgraduate students to present their original research work. The conference also provides chance for collaborative discussions with experts in the emerging areas of research in Mathematics and its applications in Technology.

Original and unpublished works are encouraged for presentation in the conference. The thrust areas include (but are not limited to) the following.

- Algebra, Topology, Fuzzy Mathematics
- Functional Analysis, Number Theory
- Graph Theory, Differential Equations
- Numerical Analysis, Stochastic Processes
- Discrete Mathematics, Data Science
- Data Mining, Information Theory
- Communication Engineering
- Network Security
- Cryptography, Electrical Technology

GUIDELINE TO AUTHORS

- Authors shall mail a soft-copy of the full-length paper to icmat2025@src.sastra.ac.in

Papers presented in the conference will be peer reviewed and submitted to AIP Conference Proceedings (SCOPUS indexed & UGC care list) and selected papers will be submitted to SCOPUS indexed journal for publication. For publication of articles, authors will have to pay Article Processing Fee (will be intimated later) in addition to the registration fee.

Conference will be conducted In Hybrid mode

PATRONS	ADVISORY COMMITTEE	REGISTRATION FEE

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Associate Dean, SRC, SASTRA

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LIST OF SPEAKERS

Dr. Liu Chang, Chengdu University, China

Dr. S. Sumitra, IIST, Thiruvananthapuram

Dr. Suriya Priya Asaithambi, NUS-ISS, Singapore

***Dr. Srikanth K Iyer**, IISc, Bangalore

Dr. K. R. Arun, IISER, Thiruvananthapuram

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***Dr. Sivaram Ambikasasran**, IIIT Madras

Dr. E. S. Gopi, NIT, Trichy

Dr. Sakkaravarthi Ramanathan, Vanier College, Montreal, Canada

***Dr. Vallabha Deevi**, Tiger Analytics

*yet to be confirmed

REGISTRATION FEE

Category	Indian	Foreigner
Academician	Rs. 1750	$ 75
Research Scholars	Rs. 1000	
Students	Rs. 750	

(+18% GST for Inland participants)

Payment Details:

WILL BE UPDATED SOON

IMPORTANT DATES

Submission of Full paper : January 20, 2025
Acceptance Notification : February 20, 2025
Conference Registration : March 20, 2025

CONTACT INFORMATION

Convenors:
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   Dr. M. Sundararaman   9940750345

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   Dr. S. Meganathan   9443384450
   Dr. S. Venkatesh   9600091033

Organizing Secretaries:
   Dr. P. Rajadurai   9627304422
   Dr. K. Parameswari   9894995894

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