

ABOUT SRM INSTITUTE OF SCIENCE & TECHNOLOGY

SRM Institute of Science and Technology is the number one private institute in the country, which has set standards in experimental education and knowledge creation across various fields. It has inspired students with international standard of education, world class infrastructure and an industry ready curriculum. A continuous emphasis on modern teaching methods, global links for research, student exchange and knowledge sharing and industry- institute interactions have consistently placed SRM, well ahead in every field. SRM Institute of Science and Technology has been categorized as grade 'A' by Ministry of Human Resource Development (MHRD), Government of India. SRMIST is accredited with the highest grade of A++ by NAAC and graded as Category I university. SRMIST has secured the fourth rank in the Atal Ranking of Institutions on Innovation Achievements (ARIIA). It is ranked globally by QS and rated with '4 Star' globally and awarded Diamond rating by India centric QSI GAUGE.

SRM Institute of Science and Technology, Ramapuram is located at the heart of the city, well connected by road, rail and air. This charming enclave provides the facilities and infrastructure necessary for Dental, Health Sciences, Engineering and Technology, Science and Humanities and Management Students. Spread over 25 acres, this institution has excellent infrastructure facilities including smart class rooms, modern library and Wi-Fi enabled campus.

ABOUT THE DEPARTMENT

The Department of Mathematics established in the year 2004, has a large vibrant intellectual community. The 47 faculty members in the department are actively involved in research, teaching, learning and public outreach. The faculty members of the department are actively participating in research and development activities.

The Department has a cohesive group of faculty members in the fields of Analysis, Differential Equations, Fluid Dynamics, Fuzzy set theory, Graph theory, Reliability theory, Rough set theory and is actively engaged in wide-ranging areas of research in Mathematics and allied subjects. 25 research scholars are pursuing their Ph.D. under the guidance of our faculty members. The Department strives to provide excellent teaching, encourage interdisciplinary research and service to students. The students are groomed academically, under careful personal monitoring by the faculty members.

ABOUT THE CONFERENCE

The International conference on "Progress in Mathematics towards Industrial Applications" to be organized by the Department of Mathematics, SRM Institute of Science & Technology, Ramapuram campus, is aiming to promote interaction between academy and industry, leading to innovation in both fields and providing unique opportunity to discuss the latest ideas, problems and methodologies,

and contributing to the advancement of science and technology. It also encourages industrial sectors to propose challenging problems where mathematicians can provide insights and fresh perspectives.

The purpose of this conference is to bring together leading academic scientists, experts from industry and young researchers and provide a platform in which significant advances in Mathematics are presented & widespread discussions are held to promote the use of innovative Mathematics in industry. This conference will provide a unique opportunity to exchange ideas, problems and methodologies, bridging the gap between mathematics and industry and contributing to the advancement of science and technology to benefit the society. The conference will have keynote addresses by renowned experts and research paper presentations.

TOPICS

The conference invites papers on the following areas of research which has not been published or submitted for publication elsewhere.

TOPICS NOT LIMITED TO

- ▶ Algebra & Number Theory
- ▶ Algorithms
- ▶ Analysis (Complex/Functional /Real)
- ▶ Applied Cryptography and Network security
- ▶ Applied Probability & Stochastic Process
- ▶ Biological modelling
- ▶ Computational Biology
- ▶ Data Analytics
- ▶ Differential Equations
- ▶ Differential Geometry
- ▶ Financial Mathematics
- ▶ Fluid Dynamics & Solid Mechanics
- ▶ Fractals
- ▶ Fuzzy Set Theory & its Applications
- ▶ Graph Theory & its Applications
- ▶ Machine learning/Artificial Intelligence
- ▶ Mathematical Modelling & Simulation
- ▶ Neural network & Deep learning
- ▶ Numerical Analysis & Computational Mathematics
- ▶ Optimization Techniques
- ▶ Rough Set Theory & its Applications
- ▶ Statistical signal processing
- ▶ Special Functions
- ▶ Theory of Computation
- ▶ Topology

SUBMISSION OF FULL PAPER

- ▶ Authors should submit their complete manuscript both in word and PDF format electronically to pmtia2023@gmail.com
- ▶ Similarity index of the manuscripts should be below 25%.

PUBLICATION

All submitted papers will be reviewed by the technical committee of the conference and selected papers will be published in the proceeding with an ISBN number which will be released on the first day of the conference. Furthermore, selected papers will be considered for publication in reputed Scopus indexed journals with additional processing Fee. (Upon acceptance of the articles, the publication charges are to be paid.)

REGISTRATION DETAILS

Registration fee: Rs. 1500/-

No TA / DA will be provided.

At least one of the authors of the selected paper should register and present the paper in the conference. Registration form is to be sent in the prescribed format along with a D.D in favour of SRMIST payable at Chennai.

A/C Name : SRMIST

A/C No : 117109000032971

IFSC Code : CIUB0000517

Bank Name : City Union Bank

Branch : Ramapuram

Registration link:

<https://forms.gle/c6HdGhr8oNfBVSe38>

Registration form can be downloaded from

<https://sites.google.com/view/pmtia-2023>

For further details, visit us at

<https://sites.google.com/view/pmtia-2023>

ADDRESS FOR COMMUNICATION

CONVENER

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COORDINATOR

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IMPORTANT DATES

Last date for submission of full paper : 15.10.2023

Intimation of acceptance : 20.10.2023

Last date for registration : 25.10.2023.

Conference dates : 27th and 28th October

Email : pmtia2023@gmail.com

International Conference on
Progress in Mathematics
towards Industrial Applications

PMTIA – 2023 (In hybrid mode)

27th & 28th October 2023

REGISTRATION FORM

Name : _____

Designation : _____

Qualification : _____

Institution / Organization : _____

Address : _____

Mobile : _____

E-Mail : _____

Title of the paper : _____

REGISTRATION FEE DETAILS

D.D.No. : _____

Date : _____

Amount : _____

Bank : _____

Date :

Signature

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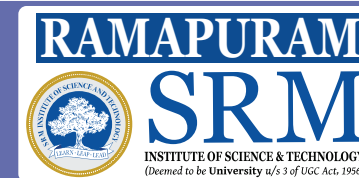
Prof. K. Ganesan, Professor, Department of Mathematics, SRM IST,
Kattankulathur

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Dr. B. Rajesh, Asso.Professor/Head in charge, SRMIST, Vadapalani

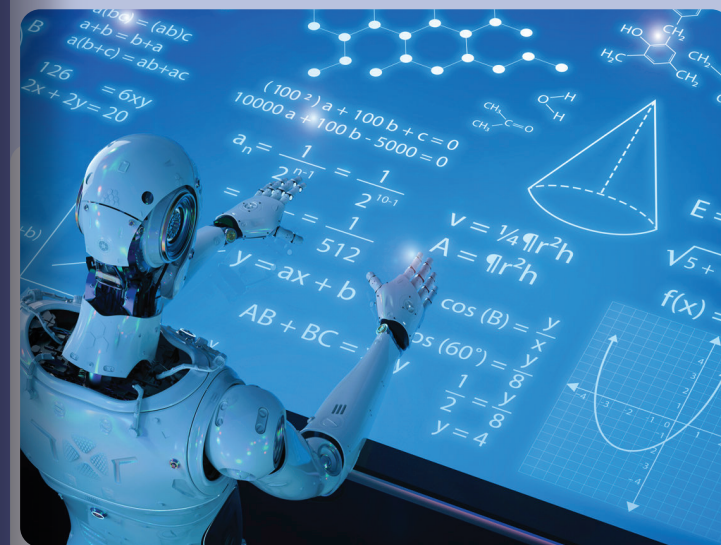
The Department of Mathematics, SRM Institute of Science & Technology,
Ramapuram



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Organised by,

Department of Mathematics

College of Engineering & Technology

SRM Institute of Science & Technology

Ramapuram, Chennai-600089