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SRM

INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

3rd International Conference on Mathematical Techniques and Applications

e-ICMTA - 2022

(Virtual mode)

23.03.2022 to 25.03.2022

Organized by

Department of Mathematics
SRM Institute of Science and Technology
Kattankulathur – 603 203, Tamil Nadu, India

Website link

<https://www.srmist.edu.in/icmta-2022/>

In association with



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



SRM Innovation and
Incubation Centre

ABOUT SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

SRM Institute of Science and Technology (formerly known as SRM University) is one of the top-ranking Universities and most premier engineering destinations in India, established in 1985 by the Founder Chancellor, Dr. T. R. Paarivendhar. Now it is functioning in four campuses located at Kattankulathur, Vadapalani, and Ramapuram in Tamilnadu and Modi Nagar in Ghaziabad with over 55,000 students and 3000 faculty members. It offers a wide range of programs to students applying for undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, Agriculture, Law and Science & Humanities.

SRMIST has been engaged in nurturing minds through a rich heritage of academic excellence. Essentially a hub of bustling student activities, the green and beautiful campus has been a second-home to thousands of students in their journey to pursue higher education. The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence. SRMIST International Advisory Board (IAB) is actively involved in building a stronger international dimension in research and teaching methodology, which creates avenues for research and successful careers. The SRMIST also collaborates with foreign universities like Massachusetts Institute of Technology, Carnegie Mellon University, Pittsburg University, etc., offering a postgraduate academic program MSIT-ESE.

Over 150 students are sponsored to 35 foreign universities like MIT, Carnegie Mellon, UC Davis, Warwick, and Western Australia. Now the Institute enjoys an unsurpassed reputation in academia and corporate circles being the preferred manpower source for vision to be recognized as a world-class learning institution.

SRMIST has been categorized as grade "A" university by the Ministry of Human Resources Development (MHRD), Government of India. SRMIST is accredited by NAAC with "A++" Grade and placed in top positions in ARIIA and NIRF Ranking in the academic year 2018-19.

Our university hosted 98th Indian Science Congress in 2011.

ABOUT THE DEPARTMENT

The Department of Mathematics is one of the pioneering departments in the university. The Department of Mathematics established in the year 1985, consists of 76 highly qualified faculty members including 71 doctorates. The department, till date, has 71 Ph.Ds in different areas of Mathematics. There are 58 recognized guides (of whom eight are doctorates from IITs) who are guiding 130 research scholars. Over the years, the department has progressed at a rapid pace with development in academic programs. The department has to its credits two funded research projects from BARC, SERB-DST. It offers graduate, postgraduate courses, Ph.D

programs in Mathematics and handles all the Mathematics courses in Engineering, Computer Applications, Medical Sciences, and Management. To meet the requirement of these courses, the department has set up a modern computer lab with all the latest software. The faculty members of the department are actively participating in research and development activities. The specific areas of research in which the department is actively engaged are Fuzzy Set Theory, Non-Archimedean Analysis, Fluid Dynamics, Graph Theory, Queuing Models, Functional Equations, Automata Theory and Formal Languages and Partial differential equations. The department strives to provide excellent teaching, encourage interdisciplinary research and service to students. Also "Sri Ramanujam Mathematics Club" was founded in the year 1991 through which an Intra Mathematics Festival (IMF) and Engineering Mathematics Festival (EMF) are conducted every year to help the students sharpen their analytical skills.

ABOUT ICMTA AND ITS THEME

The Department of Mathematics has conducted eleven National Conferences since 2009 and a good number of articles are published in reputed Scopus indexed journals. The first International Conference on Mathematical Techniques and Applications (ICMTA-2020) was being organized by the Department of Mathematics and 168 number of papers has been published in scoups indexed journals through conference.

The prime objective of this conference (ICMTA-2022) is to bring the experts from academia and industry to share their knowledge pertaining to the real-world applications. The conference includes keynote addresses and invited talks by the eminent invited speakers worldwide, and the virtual presentation by researchers. This conference will also provide a premium forum for young researchers to share and discuss novel ideas.

TOPICS

The organizing committee of the conference invites papers from researchers on the following areas and related topics (but not limited to).

- Algebra, Matrix theory, Matrix Analysis
- Analysis (Real, Complex, Functional and Non Archimedean)
- Financial Mathematics, Applied Probability and Stochastic Process and Queueing Models
- Computational Fluid Dynamics and Solid Mechanics
- Fuzzy Optimization and Operations Research
- Graph Theory
- Fractals
- Mathematical Modeling & Mathematical Biology
- Numerical Analysis

- Differential Equations (ODE & PDE)
- Applied Mathematics
- Automata Theory and Formal Languages

REGISTRATION LINK

<https://tinyurl.com/98xzhwwt>

SUBMISSION OF FULL PAPER / ABSTRACT

All full Papers/Abstract should be submitted electronically to icmta2022@srmist.edu.in

PUBLICATION

All submitted papers will be reviewed by technical committees of the conference (including similarity plagiarism check). The Proceedings containing the abstracts of all accepted papers will be released on the first day of the conference. Furthermore, all the selected papers will be peer-reviewed by the experts of the specialized area. Finally, all the accepted papers will be published in SCI/Scopus indexed journal.

REGISTRATION FEES

Faculty	: INR 500
Students/ Research Scholars	: INR 250
Industry Delegates	: INR 1000
International Delegates	: USD 100

Publication fees for the selected papers will be collected later. At least one of the authors of the selected paper should register and present the paper in the virtual mode. Registration form available in ICMTA 2022 website. <https://www.srmist.edu.in/icmta-2022/>

IMPORTANT DATES

Submission of Abstract	: 01.02.2022
Acceptance Notification	: 15.02.2022
Submission of full paper	: 01.03.2022
Registration	: 14.03.2022

ONLINE TRANSFER:

Account Name: Sri Ramanujam Mathematics Club
Account Type: Savings
Account No.: 7111751746
Indian Bank IFSC Code: IDIB 000 S181
MICR Code: 600019171

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