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IMPORTANT DATES

Last date for submission of full paper : 10-03-2021
Intimation of acceptance : 15-03-2021
Last date for submission of
Corrected paper : 20-03-2021
Last date for registration : 20-03-2021
Conference dates : 24-03-2021 to 26-03-2021

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

2nd International Conference on Mathematical Techniques and Applications

e-ICMTA - 2021

(Virtual mode)

24.03.2021 to 26.03.2021

Organized by

Department of Mathematics
SRMIST

Kattankulathur – 603 203, Tamil Nadu, India

Sponsored by



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, which was 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, post-graduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, 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, Pittsburgh University, etc.. offering a postgraduate academic program MSIT-ESE.

Over 150 students 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 83 highly qualified faculty members which includes 63 doctorates. The Department, till date, has produced 41 Ph.Ds in different branches of Mathematics. There are 58 recognized guides (of whom eight are doctorates from IITs) who are guiding 102 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 program 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 and Partial differential equations. The Department strives to provide excellent teaching, encourage interdisciplinary research and service to students and teaching community in the application of Mathematics to other disciplines. 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 from 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. The prime objective of this conference (ICMTA-2021) 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 around the world, 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
- Computing Science
- Electrical Science
- Mechanical Engineering
- Civil Engineering and Other Engineering Fields

REGISTRATION LINK

<https://docs.google.com/forms/d/e/1FAIpQLSf43BrSSS65J-Vj6CVxVJlaQstlZWTdnK8OdaypCenu-aiHWw/viewform>

SUBMISSION OF FULL PAPER / ABSTRACT

All full Papers/Abstract should be submitted electronically to icmta2021@srmist.edu.in

PUBLICATION

All submitted papers will be reviewed by technical committees of the Conference (including similarity plagiarism check). All the selected papers will be peer-reviewed by the experts of the specialized area. Finally, all the accepted papers will be published in any one of the following reputed journals

(1) **Materials Today Proceedings: eISSN - 2214-7853 publisher: Elsevier.**

(2) **Key Engineering Materials publisher: Trans Tech Publications eISSN 1662-9795.**

(3) **IOP Conference Series: Materials Science and Engineering ISSN:1757-899X.**

The word/Latex Template for preparing the paper will be available at the ICMTA-2021 website: <https://www.srmist.edu.in/icmta-2021/> (*Upon acceptance of the articles, the publication charge of Rs. 6500/- per article will be collected).

REGISTRATION FEES

Students / Research Scholars / Faculty : INR 500

Industry Delegates : INR 1000

International Delegates : USD 100

Puplication 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 2021 website.

ONLINE TRANSFER:

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Account Type: Savings

Account No.: 459777756 – Indian Bank

IFSC Code: IDIB 000 S181

MICR Code: 600019171

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