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Call for Abstracts : 7th International Conference on Applications of Fluid Dynamics – ICAFD 2026 - Last date for Submission : 30.09.2026

From ICAFD 2026 <icafd2026@srmist.edu.in>
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Date 2026-09-27 19:18

ICAFD_2026_Brochure v2.pdf (~413 KB)

**7th International Conference on Applications of Fluid Dynamics
(ICAFD 2026)**

Organized by

Department of Mathematics, SRM Institute of Science and Technology (SRMIST), Kattankulathur, Chennai, Tamil Nadu, India

<https://www.srmist.edu.in/events/7th-international-conference-on-applications-of-fluid-dynamics/>

15th - 18th December 2026, Chennai, Tamil Nadu, India

Please note the following important updates:

- Abstract Submission Deadline Extended to: 30 September 2026
- Online Presentation Facility Available for International Participants who are unable to attend the conference in person.

CALL FOR PAPERS

Respected Sir / Madam,

Greetings!

Hope that this email finds you in cheers.

Please consider contributing to and forwarding to the appropriate Departments and research groups the following opportunity to submit and publish original scientific results to the **7th International Conference on Applications of Fluid Dynamics - (ICAFD 2026)**.

Conference details are as below:

Conference Dates: December 15 - 18, 2026

Conference mode: In-person

Venue: SRM Institute of Science and Technology (SRMIST), Kattankulathur Campus, Chennai, Tamil Nadu, India – 603203

Conference website: <https://www.srmist.edu.in/events/7th-international-conference-on-applications-of-fluid-dynamics/>

Paper submission link: <https://forms.gle/hvvhPw6bkYKA9qcF8>

Conference proceedings publication: The accepted and presented papers will have opportunities for publication in reputed peer-reviewed SCI/Scopus-indexed journals.

Abstract submission is due on: September 30, 2026.

About the conference:

The 7th International Conference on the theme "Advances in Fluid Dynamics and Its Applications for Science, Engineering, Industry, and the Environment" - (ICAFD 2026) will be organized by the Department of Mathematics, SRM Institute of Science and Technology (SRMIST), Kattankulathur, India from December 15 - 18, 2026. ICAFD 2026 aims to provide a premier platform for the interdisciplinary exchange of ideas, bringing together researchers, developers, mathematicians, scientists, and practitioners from academia and industry. Original, previously unpublished, and high-quality research papers addressing research challenges and advances in fluid mechanics, heat transfer, computational innovations, and nonlinear systems are highly encouraged.

It is our honor to invite you on behalf of the Department of Mathematics, SRMIST, Kattankulathur, Chennai, India to be a part of this international conference to share your research contributions and submit your research papers to the 7th International Conference on Applications of Fluid Dynamics - (ICAFD 2026).

Paper Submission:

Topics of interest for submission include, but are not limited to:	
<ul style="list-style-type: none">• Fluid Mechanics• Heat and Mass Transfer• Continuum Mechanics• Hydromechanics• Magnetohydrodynamics• Computational Fluid Dynamics• Turbulent Flows• Multiphase and Interfacial Flows• Microfluidics and Nanofluidics	<ul style="list-style-type: none">• Coastal and Ocean Fluid Dynamics• Environmental Fluid Dynamics• Geophysical and Astrophysical Fluid Dynamics• Industrial Applications of Fluid Dynamics• Biofluid Mechanics• Reactive and Combustion Flows• Porous Media Flows• Experimental Fluid Mechanics• Machine Learning and Data-Driven Methods• Solid Mechanics• Other Relevant Areas

Siva

11/6/26

Important Dates::

Abstract submission is due on (Extended) : September 30, 2026.

Notification of Acceptance : October 01, 2026

Deadline for Full-Length Paper Submission : November 01, 2026

Deadline for Registration : November 25, 2026

Conference Dates : December 15 - 18, 2026

With Warm Regards,

Organising Team, ICAFD 2026

Department of Mathematics,

SRM Institute of Science and Technology (SRMIST), Kattankulathur

Email- icafd2026@srmist.edu.in

7th International Conference on Applications of Fluid Dynamics – ICAFD 2026

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Dr. E. P. Siva, SRMIST

Dr. Abhishek Banerjee, SRMIST

Co-Convenor

Dr. D. Prakash, SRMIST

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Organizing Committee

Faculty Members,

Department of Mathematics

SRM Institute of Science and Technology

Kattankulathur, Chennai 603203

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7th International Conference on Applications of Fluid Dynamics

ICAFD 2026

December 15–18, 2026

Organized by

Department of Mathematics, College of Engineering and Technology
SRM Institute of Science and Technology, Kattankulathur, Chennai 603203

CONTACT US

icafd2026@srmist.edu.in | Conference Website



A++



Category 1
with 12B Status



(2025)
Ranked 11th University



(2026) World Ranking
one among 54 Indian Universities



(2025) World Ranking
one among 91 Indian Universities



(2025) World Ranking
Ranked 8-9 in Indian Universities



(2025) World Ranking
one among 18 Indian Universities



(2024) World Ranking
one among 3 Indian Universities

About SRMIST

SRM Institute of Science and Technology (SRMIST), formerly known as SRM University which came into existence in the year 2002, is one of the top-ranking multi-disciplinary Universities in India functioning from Six campuses located at Kattankulathur (Main), Ramapuram, Ramapuram Part, Tiruchirappalli, Modinagar(NCR) and Baburayenpettai. SRMIST has over 73,000 full-time students and 5,100 faculty members, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering and Technology, Architecture and Design, Medicine and Health Sciences, Pharmacy, Liberal Arts and Business Studies, Management, Hotel Management, Education, Physical Education, Agricultural Sciences and Law. The campuses cover a total area of 500+ acres.

The University secured 750 funded research projects with a total outlay of 350 Crores Rupees from prestigious national agencies including DST, DBT, CSIR, DRDO, ISRO, ICMR, SERB, BRNS etc. These projects span interdisciplinary domains such as Biotechnology, Artificial Intelligence, Nanotechnology, Sustainable Energy, Healthcare, Advanced Materials, and Data Sciences.

SRM Institute of Science and Technology (SRMIST) is a NAAC A++ accredited institution (valid up to 2031) and is recognized as a Category-I University by UGC/MoE, with all engineering programmes approved by AICTE. The University has earned a QS 4-Star rating and the QS-IGAUGE Platinum rating for excellence in teaching, employability, governance, innovation, and social responsibility. SRMIST is consistently ranked among the top institutions globally by QS, Times Higher Education (THE), and Shanghai Rankings, and secured 11th among Universities, 14th in Engineering, and 4th in Sustainability in the NIRF 2025 rankings. Further demonstrating its commitment to sustainability and innovation, SRMIST is ranked 4th in India and 136th globally in the UI GreenMetric World University Rankings 2025 and has successfully launched its own satellite, SRMSAT.

Foreign faculty, flexible and dynamic curriculum, exciting research and global connections are the features that set SRM apart. Every year over 200 students are sponsored to study in more than 35 foreign Universities such as MIT, Carnegie Mellon, UC Davis, Warwick, Western Australia etc. Eighty faculty members from the top Universities across the world including MIT, Stanford, UC Berkeley, Cambridge and NUS are engaged on full time and part time basis who help to set global standards at SRMIST. Over 100 top executives from leading corporate Institutions constantly interact with the faculty and students to help formulate academic and research activities.

Department of Mathematics

The Department of Mathematics is one of the pioneering departments at SRMIST. Established in 1985, the department comprises 138 highly qualified faculty members. To date, it has produced more than 200 Ph.D. graduates in various branches of mathematics. The department has 107 recognized research supervisors who are currently guiding 274 research scholars. Over the years, the department has progressed rapidly through the development of its academic programmes. It has secured externally funded research projects from BARC, SERB-DST, ANRF and NBHM, in addition to obtaining several registered patents. The department offers undergraduate, postgraduate, and Ph.D. programmes in Mathematics and is responsible for teaching mathematics courses across engineering, computer applications, health and life sciences, and management programmes. To support these courses, the department has a well-equipped computer laboratory with the softwares. The faculty members are actively involved in research and development. The major areas of research include Scientific ML, Functional Analysis, Number Theory, Partial Differential Equations, Fluid Dynamics, Mathematical Biology, Fuzzy Set Theory, Non-Archimedean Analysis, Automata Theory, Reliability Engineering, Algebra, Graph Theory, Queueing Models, Fractals, and Fractional Differential Equations. The department strives to provide excellent teaching, promote interdisciplinary research, and serve students and the teaching community by facilitating the application of mathematics to other disciplines. The Sri Ramanujan Mathematics Club was founded in 1991. Through the club, the Intra Mathematics Festival (IMF) and the Engineering Mathematics Festival (EMF) are organized every year to help students strengthen their analytical skills. Further information is available at <https://www.srmist.edu.in/departments/departments-of-mathematics/>

About the Conference

The objective of ICAFD 2026 is to provide a platform for academicians, researchers, scientists, and industry experts to share recent advances and exchange ideas in fluid mechanics, heat and mass transfer, continuum mechanics, and related areas. The conference aims to foster interdisciplinary dialogue on the theoretical, computational, and applied aspects of fluid dynamics. It will create opportunities for participants to interact, collaborate, and explore innovative approaches that contribute to the advancement of research and its applications in industry, environmental studies, science, and technology.

The ICAFD Series

ICAFD 2026 at SRMIST will be the seventh conference in the series, following ICAFD 2012 at the University of Botswana; ICAFD 2014 at Sri Venkateswara University, Tirupati; ICAFD 2016 at IIT (ISM) Dhanbad; ICAFD 2018 at VIT Vellore; ICAFD 2020 at VIT-AP University; and ICAFD 2024 at the Kalasalingam Academy of Research and Education.

Target Audience

Research scholars, postdoctoral researchers, faculty members, scientists, engineers, and industry experts.

Focus Areas

- Fluid Mechanics
- Heat and Mass Transfer
- Continuum Mechanics
- Hydromechanics
- Magnetohydrodynamics
- Computational Fluid Dynamics
- Turbulent Flows
- Multiphase and Interfacial Flows
- Microfluidics and Nanofluidics
- Coastal and Ocean Fluid Dynamics
- Environmental Fluid Dynamics
- Geophysical and Astrophysical Fluid Dynamics
- Industrial Applications of Fluid Dynamics
- Biofluid Mechanics
- Reactive and Combustion Flows
- Porous Media Flows
- Experimental Fluid Mechanics
- Machine Learning and Data-Driven Methods in Fluid Mechanics
- Solid Mechanics
- Other Relevant Areas

Submission and Publication

Selected papers presented at the conference will be considered for publication in conference proceedings and/or Scopus-indexed journals, subject to peer review and the respective publication requirements. Further details regarding the publication venues will be announced later on the conference website.

Best Paper and Young Scientist Awards

The conference will present Best Paper Awards and a Young Scientist Award. The Best Paper Awards will be based on the quality, originality, and scientific contribution of the paper, together with the effectiveness of the oral presentation. To be eligible, the presenting author must be the first author of the paper.

The Young Scientist Award will recognize a high-quality research paper presented by a candidate who is under 30 years of age at the time of the conference. The selection will consider both the scientific merit of the paper and the quality of its presentation. Interested candidates must indicate their intention to be considered for the respective award during submission. Papers from the host institution will not be eligible.

Conference Theme

Advances in Fluid Dynamics and Its Applications for Science, Engineering, Industry, and the Environment

Venue

Venue: Mini Hall - 1, Dr. T. P. Ganesan Auditorium, SRMIST, Kattankulathur Campus, Chennai 603203, Tamil Nadu, India.

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Technion-Israel Institute of Technology, Israel

Prof. Avinoam Nir
Technion-Israel Institute of Technology, Israel

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University of Stuttgart, Germany

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Texas A&M University, USA

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IIT Roorkee, Uttarakhand

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NIT Uttarakhand, Uttarakhand

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Prof. S. Sundar
IIT Madras, Tamil Nadu

Dr. Sabyasachi Mondal
Aditya Birla Science & Technology Company Private Limited, Navi Mumbai, Maharashtra

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IIT Gandhinagar, Gujarat

Prof. Suman Chakraborty
IIT Kharagpur, West Bengal

Prof. T. Sahoo
IIT Kharagpur, West Bengal

Prof. Tanmay Basak
IIT Madras, Tamil Nadu

Registration Fees

National Participants

Student / Research Scholar: Rs. 3,500

Academia Participant: Rs. 4,000

Industrial Participant: Rs. 5,000

International Participants

Student / Research Scholar: USD 150

Academia Participant: USD 150

Industrial Participant: USD 150

Who Should Attend?

Research scholars, postdoc researchers, faculty members, scientists, engineers, practitioners and industry professionals working in fluid dynamics and allied disciplines.

Accommodation

Accommodation will be provided on a payment basis, either in the college guest house/hostels or in nearby partnered hotels.

Important Dates

Abstract Submission Deadline
30 September 2026

Notification of Acceptance
10 October 2026

Full-length Paper Deadline
01 November 2026

Registration Deadline
25 November 2026

Conference Dates
15–18 December 2026

Online presentation is available for international participants.

Bank Details for Online Transfer

Account Name: SRI RAMANUJAN MATHE-MATIC CLUB

Type: Savings

Account No.: 7111751746

Indian Bank IFSC Code: IDIB000S181

MICR Code: 600019171

Website link:

<https://www.srmist.edu.in/events/7th-international-conference-on-applications-of-fluid-dynamics/>

Registration link

<https://forms.gle/KrtbDCSLFFG985Jt7>

Abstract submission link

<https://forms.gle/5ivRNFjJdNjK7AHq8>

A one-day excursion is planned for conference participants to nearby places of interest such as Kovalam Beach, Kanchipuram, and Mahabalipuram. Detailed information will be updated later on the conference website.

Website



Abstract submission



Registration



Kovalam Beach



Kanchipuram



Mahabalipuram





7th International Conference on Applications of Fluid Dynamics

ICAFD 2026

December 15–18, 2026

Advances in Fluid Dynamics and Its Applications for Science, Engineering, Industry, and the Environment

Department of Mathematics, College of Engineering and Technology
SRM Institute of Science and Technology, Kattankulathur, Chennai 603203



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