



# Annual AeSI CFD Symposium

ORGANIZED BY  
DEPARTMENT OF AEROSPACE ENGINEERING  
IIT MADRAS JOINTLY WITH AERONAUTICAL SOCIETY OF INDIA - CFD DIVISION

Dates: 11<sup>th</sup> and 12<sup>th</sup> August 2026

## ABOUT THE SYMPOSIUM

The CFD Symposium is the annual event of the AeSI CFD Division. This serves as a platform to share accumulated knowledge of all major aerospace design houses, academia, and industry. Contributory papers in the field of CFD are invited. Details will be made available on the website (<https://www.cfdaesi.com>) shortly.

## SCOPE OF THE SYMPOSIUM

### Numerical Methods & Algorithms

- High order Methods
- Solver Strategies & Convergence Acceleration
- Algorithms for Multiphysics Coupling

### Mesh Generation & Adaptations

- Mesh Generation & Adaptive Mesh Refinements
- Mesh-Free & Cartesian Grid Methods

### Turbulence, Unsteady & Multiscale Flow Physics

- Transition and Turbulence Modeling
- Scale-Resolving Simulations
- Low-Reynolds-number Flows

### HPC & Data-Driven CFD

- High Performance Computing
- Data-Driven (AI/ML & ROM) Modeling

### High Speed Flows

- Shock-Wave/Boundary-Layer Interaction
- FSI in Compressible flows

### CFD Applications, Design & Validation

- CFD in design and optimization
- Industrial and Applied CFD
- Internal & Turbomachinery Flows
- Verification, Validation and Uncertainty Quantification

## CONTACT INFORMATION

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## EXECUTIVE COMMITTEE

### CHAIRMAN

- Mr. Satya Prakash, ADA Bangalore

### CONVENOR

- Prof. Santanu Ghosh, IIT Madras

### VICE CHAIRMAN

- Dr. Prakash S. Kulkarni, IISc Bangalore
- Dr. R. Krishnamurthy, DRDL Hyderabad
- Mr. G. Sivaramakrishna, GTRE Bangalore

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- Ms. Valliammai Somasundaram, ADA Bangalore

### HON. TREASURER

- Mr. Muralidhar Madhusudan, ADA Bangalore

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- Prof. Sanjay Mittal, IIT Kanpur
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- Dr. T. N. Venkatesh, CSIR-NAL Bangalore
- Mr. Vinod Kumar, VSSC Thiruvananthapuram
- Mr. Pravin M Nakod, ANSYS

### EX-OFFICIO MEMBERS

- Chairman, AeSI Bangalore Branch
- Past Chairman, CFD Division
- Editor, Journal of AeSI

## LOCAL ORGANIZING COMMITTEE

- Prof. Santanu Ghosh, IITM
- Prof. Shankar Ghosh, IITM
- Prof. Nagabushana Rao Vadlamani, IITM
- Prof. Bharath Govindarajan, IITM
- Prof. Pradeep Kumar Seshadri, IITM

## IMPORTANT DATES

- Submission of extended abstract: 15.05.2026
- Notification of acceptance: 15.06.2026
- Submission of final paper (optional): 30.06.2026
- Last date of registration (online): 15.07.2026

## REGISTRATION DETAILS

### Registration Fee

- Industry: Rs 7000/-
- Academia (non-students): Rs 6000/-
- Students (UG/PG/PhD): Rs 3000/-

### Account Details

- Account Number : 10406839951
- Account Name : Aeronautical society of India CFD Division
- Bank : State Bank Of India
- Branch : C V Raman Nagar
- IFSC : SBIN0003994

## SPONSORSHIP DETAILS

- Platinum Sponsor (Rs. 5,00,000 + GST)
- Gold Sponsor (Rs. 3,00,000 + GST)
- Silver Sponsor (Rs. 2,00,000 + GST)

## ACCOMMODATION

- **On-Campus:** Limited rooms are available at the Taramani Guest House on a first-come, first-served basis.
- **Student Housing:** Limited shared accommodation is available in hostels for students (subject to availability).
- **Off-Campus:** Information regarding nearby hotels will be made available on the symposium website

## THE AERONAUTICAL SOCIETY OF INDIA

Founded in 1948 with the objective of advancing technology and diffusing knowledge in the field of aeronautical sciences and aircraft engineering. For over 75 years, it has worked towards this goal through various programmes and events. It is a professional body with its head office in New Delhi and has 19 branches across the country. It also has two special centers: CFD Division and Design Division, based in Bangalore.

## AeSI CFD Division

Formed in 1998 to promote research and development in industrial, academic, and commercial areas of CFD. The division, based in Bangalore, organizes conferences, symposia, workshops, talks, and classes nationwide every year. Over the past 25 years, it has helped spread awareness and encouraged wider adoption of CFD in design and analysis.

## IIT MADRAS

IIT Madras is one among the foremost institutes of national importance in higher technological education, basic and applied research, innovation, entrepreneurship and industrial consultancy. IIT Madras has been the top-ranked engineering institute in India for ten consecutive years as well as the "Best Educational Institution" in "Overall" category for seven consecutive years since 2019 in the NIRF Rankings of the Ministry of Education, Government of India .

## DEPARTMENT OF AEROSPACE ENGINEERING

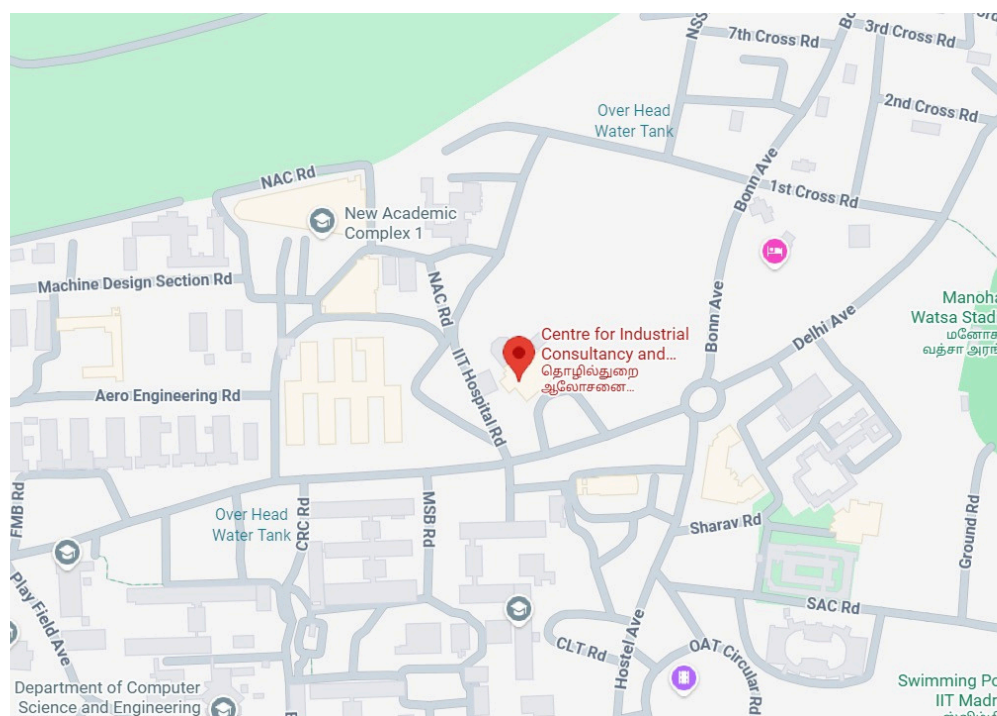
The Department of Aerospace Engineering at the Indian Institute of Technology Madras (IITM) was established in 1969. Since then it has been in the forefront of fundamental and applied research & development with scientific and social impact in the country. The department has been involved in activities supporting our national ambitions in the field of Aerospace Engineering. Continued interaction with R&D agencies of international repute in the field of aerospace engineering has led to mutually beneficial research activities.

## ABOUT CHENNAI

Chennai, the vibrant capital of Tamil Nadu, stands as a unique blend of deep-rooted tradition and modern industrial prowess. Often celebrated as the 'Detroit of India', the city is a global hub for automotive and manufacturing innovation, providing a technically rich backdrop for our symposium. Beyond the conference, delegates can unwind by exploring the iconic Marina Beach, marvelling at ancient Dravidian architecture, and experiencing the city's legendary hospitality.

## MASTER CLASS/ HPC WORKSHOP

- **Pre-Symposium Workshop:** Basics of HPC for CFD
- **Date:** 11<sup>th</sup> August
- **Highlights:** Expert talks on HPC for CFD.



Indian Institute Of Technology–Madras (IIT–Madras)