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NSFMFP Executive Committee Members

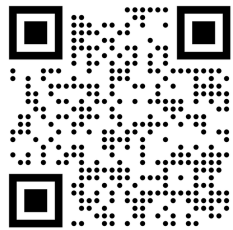
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Contact

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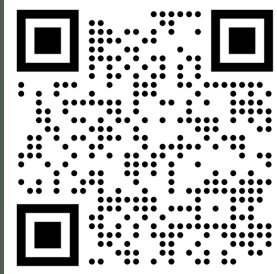
FMFP2026 Conference Details

For details about FMFP2026, please visit the
official website or scan this QR code
<https://fmfp2026.org/>



National Society of Fluid Mechanics and Fluid Power (NSFMFP)

Established in 1973, FMFP is a distinguished conference series organized under the aegis of the National Society for Fluid Mechanics & Fluid Power (NSFMFP), India. Over the years, it has grown into a globally recognized platform that brings together researchers, academicians, industry leaders, and students from around the world to share insights & showcase advances in fluid mechanics & fluid power. For more info on NSFMFP & its activities, visit <https://www.me.iitb.ac.in/~fmfp/> or scan the QR code given below



NWRMFM2026

11th National Workshop on

Research Methodology in Fluid Mechanics

This three-day workshop will explore emerging data-driven approaches in CFD, integrating machine learning (ML), artificial intelligence (AI), reduced-order modeling, optimization, and high-fidelity simulations for next-generation fluid flow and thermal system analysis. The program aims to bring together researchers, academicians, industry professionals, and students to discuss recent advances, practical challenges, and future opportunities in AI-enabled CFD for engineering applications.



11th National Workshop on Research Methodology in Fluid Mechanics

Data-Driven Modeling, Simulation and Optimization in Computational Fluid Dynamics

(Transforming CFD with AI/ML & Data-Driven Intelligence)

16-18 July 2026



Jointly organized by
**National Society of
Fluid Mechanics and Fluid Power**
and

**Department of Mechanical Engineering
National Institute of Technology Rourkela**

<https://fmfp2026.org/>

About NIT Rourkela

The National Institute of Technology Rourkela (NIT Rourkela) is one of India's premier public technical institutions, established in 1961 and recognized as an Institute of National Importance. Located in the eastern state of Odisha, the institute is known for its strong academic foundation, cutting-edge research, and vibrant campus life.

NIT Rourkela offers a wide spectrum of undergraduate, postgraduate, and doctoral programs across engineering, science, management, and humanities disciplines. The institute is consistently ranked among the top engineering institutions in India and the world and is widely respected for its emphasis on innovation, interdisciplinary research, and industry collaboration.

With state-of-the-art laboratories, advanced research centers, and high-performance computing facilities, NIT Rourkela provides a conducive environment for addressing complex engineering challenges. The institute has active collaborations with leading universities, research organizations, and industries worldwide, fostering global exposure and academic exchange.

NIT Rourkela warmly invites researchers and participants from across the globe to visit its campus during FMFP 2026 and experience its scenic surroundings, rich flora, and tranquil environment.

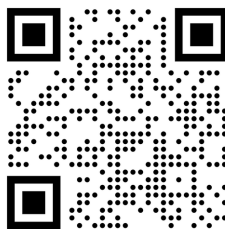
For more information about NIT Rourkela, participants are encouraged to explore its official website (<https://www.nitrkl.ac.in>).

NWRMFM2026

The 11th National Workshop on Research Methodology in Fluid Mechanics: Data-Driven Modeling, Simulation and Optimization in Computational Fluid Dynamics (CFD) aims to cover the following topics over a duration of three days.

Highlighted Course Contents

- Fundamentals of CFD
- Data-Driven Modeling and Simulation Techniques
- Machine Learning and AI Applications in CFD
- Physics-Informed Neural Networks (PINNs)
- Reduced-Order and Surrogate Modeling
- CFD Optimization using AI Algorithms
- Turbulence Modeling and Flow Prediction
- High-Performance and Accelerated Computing
- Uncertainty Quantification and Sensitivity Analysis
- AI-Assisted Design and Thermal-Fluid Applications
- Hands-on Sessions with CFD and Data Analytics Tools
- Emerging Trends in Intelligent Fluid Dynamics



Scan this QR code to join the WhatsApp group for regular updates on NWRMFM2026



Past FMFP conference proceedings

<https://link.springer.com/conference/fmfp>



Important dates

Workshop

16 – 18 July 2026

Early bird registration deadline

20 June 2026

Normal registration deadline*

05 July

Late registration*

15 July 2026

On-the-spot registration*

16 July 2026

(*Subjected to availability of seats)

Registration Fee (INR)

(NSFMFP Member)	Early bird	Normal	Late
Research scholar/Student:	₹ 1,500	₹ 2,000	₹ 2,500
Faculty/Scientist:	₹ 2,500	₹ 2,500	₹ 3,000
Industry participant	₹ 3,500	₹ 4,000	₹ 4,500

(NON-NSFMFP Member)

Research scholar/Student:	₹ 2,000	₹ 2,500	₹ 3,000
Faculty/Scientist:	₹ 3,000	₹ 3,500	₹ 4,000
Industry participant	₹ 4,500	₹ 5,000	₹ 5,500

GST (18%) extra on the above registration fee

Note: The registration fee does not include food or accommodation. Accommodation can be arranged at NIT Campus on request. Details of the cost of accommodation given below.

Accommodation

Institute guest house	South Block	North Block
Single Occupancy	₹ 1,400/-	₹ 950/-
Sharing*	₹ 925/-	₹ 650/-
Suite	₹ 2,500	
Student Hostel (Sharing, double occupancy)		
	Room rent	Food/day***
Normal room*	₹ 112/- **	₹ 147/-
Guest room*	₹ 336/-	₹ 147/-
* (Double Occupancy) Per head		
** Bedding cost extra		
*** Food is compulsory		

