



6th NATIONAL AEROSPACE PROPULSION CONFERENCE 2027

ADVANCEMENTS IN PROPULSION SYSTEMS FOR NEXT-GEN AEROSPACE VEHICLES

📅 4th to 6th JANUARY 2027

📍 CONVENTION CENTER | IIT HYDERABAD

NAPC 2027

NAPC 2027 marks the sixth edition of the National Aerospace Propulsion Conference, a flagship biennial event themed 'Advancements in Propulsion Systems for Next-Gen Aerospace Vehicles'.

This prestigious gathering explores cutting-edge innovations in sustainable, high-performance propulsion for aircrafts, drones, eVTOLs, hypersonics, and reusable rockets.

CALL FOR PAPERS

Prospective authors are invited to submit original technical papers to NAPC-2027 that have not been published or submitted elsewhere for publication or presentation. Authors should prepare their manuscripts in accordance with the NAPC-2027 paper template available on the conference website. All submitted papers will undergo a rigorous double-blind peer review process by the conference review committee to evaluate their technical quality, originality, and relevance to the conference themes. Accepted papers will be included in the official conference proceedings, which will be published online through the NAPC-2027 conference website.

The paper submission and review process for NAPC-2027 will be managed through the Microsoft Conference Management Toolkit ([Microsoft CMT](#)) platform. Authors are required to submit their manuscripts electronically through the CMT portal, the link for which will be provided on the conference website. Detailed information regarding paper submission guidelines, manuscript templates, important dates, review procedures, and author instructions will be regularly updated on the conference website. For further queries and communication related to paper submissions, authors may contact the organizing committee at: napc2027@mae.iith.ac.in

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<https://mae.iith.ac.in/napc27>

FOCUS AREAS

- Gas Turbine Propulsion Systems
- Rocket Propulsion Technologies
- Ramjet, Scramjet and Detonation Engines
- Air Intakes, Combustors and Nozzles
- Turbo-machinery and Rotor Dynamics
- Heat Transfer and Blade Cooling
- Combustion Dynamics and Instability
- Solid, Liquid, Hybrid, Electric and Ion Propulsion
- Green Propulsion and Alternate Fuels (SAF, Hydrogen)
- Space Propulsion and Advanced Propulsion
- Distributed, Hybrid and VTOL Propulsion Systems
- AI/ML Applications in Propulsion and
- Combustion Computational Modeling and Simulation
- Diagnostics, Instrumentation and Testing
- Thermo-Structural and Vibration Analysis
- Advanced Manufacturing for Propulsion Systems

PATRONS

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IMPORTANT DATES

Abstract submission deadline : 30-06-2026
 Communication of abstract acceptance : 15-07-2026
 Submission of full-length paper : 15-09-2026
 Communication of full paper acceptance : 15-11-2026
 Submission of camera-ready manuscript : 15-12-2026
 Registration closes : 25-12-2026