



One-day National Symposium

Interdisciplinary Research Scholar Symposium (IRSS-2025)

on

7th November, 2025



Organized by

Department of Mechanical and Aerospace
Engineering,

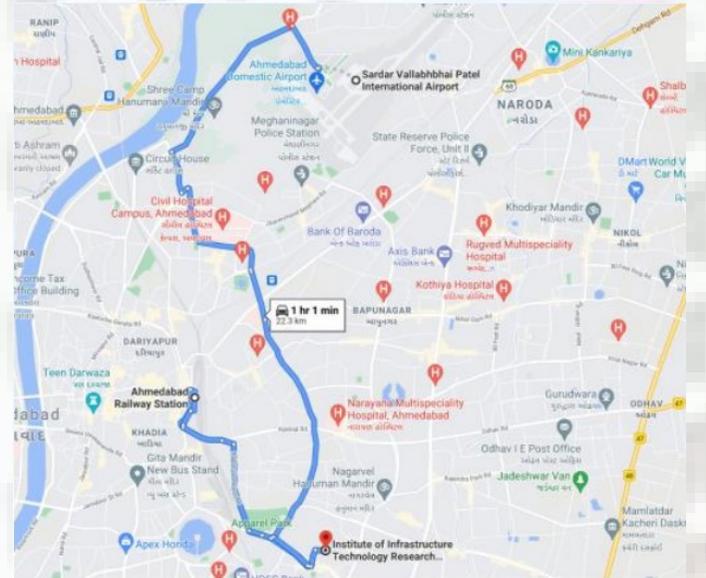
Institute of Infrastructure, Technology,
Research And Management (IITRAM)-
Ahmedabad

(An Autonomous University, Established by
Government of Gujarat)
Website: www.itram.ac.in

Objective

It will be a one-day event designed to foster students a dedicated platform to showcase their ideas and findings through paper presentations based on the conference theme. This symposium aims to bring together bright minds to present and discuss cutting-edge research, addressing real-world challenges through interdisciplinary approaches. The symposium will benefit society by promoting sustainable and innovative technical solutions that address critical issues such as infrastructure development, environmental conservation, and energy efficiency. This event will inspire young researchers to contribute meaningfully to technological advancements and societal progress.

How to reach?



Registration fee (in INR) / participant:

Research Scholars: ₹500 (Including GST)

Key Dates

Abstract Submission 31.10.2025

Registration Deadline 02.11.2025

About IRSS

The Interdisciplinary Research Scholar Symposium 2025, will be organized by the department of Mechanical and Aerospace Engineering at IITRAM, is a one-day event designed to foster students a dedicated platform to showcase their ideas and findings through paper presentations based on the conference theme. This symposium aims to bring together bright minds to present and discuss cutting-edge research, addressing real-world challenges through interdisciplinary approaches. The symposium will benefit society by promoting sustainable and innovative technical solutions that address critical issues such as infrastructure development, environmental conservation, and energy efficiency. This event will inspire young researchers to contribute meaningfully to technological advancements and societal progress.

Theme of the Symposium

The theme of the symposium is "Engineering a Sustainable Future: Smart and Innovative Solutions for Society". This theme emphasizes the integration of advanced technologies such as Artificial Intelligence (AI), Machine Learning (ML), and smart systems with sustainable practices in infrastructure, energy, and environmental management. It encourages research scholars to explore interdisciplinary solutions that balance technological innovation with environmental and societal needs.

Venue

Department of Mechanical and Aerospace
Engineering, IITRAM- Ahmedabad

Near Khokhara Circle, Maninagar East,
Ahmedabad, Gujarat 380026,

About IITRAM

Institute of Infrastructure, Technology, Research and Management (IITRAM) has been established by the Government of Gujarat as an Autonomous University and has been mandated to bring about significant change in Engineering Education with respect to Technical and Managerial knowledge in the area of Infrastructure development. The objective of the Institute is to serve as the Center of Excellence in Research and Teaching in all areas pertaining to Infrastructure development, and the Institute has a vision of acquiring a status of National eminence in Infrastructure and related areas. The institute have several Centers of Excellence as mentioned below:

- Siemens
- Advanced Defense Technologies
- Artificial Intelligence and Machine Learning
- Drone Technology
- Aerospace and Defence
- Smart, Sustainable and Disaster Resilient Infrastructure

About the Department

The Department of Mechanical and Aerospace Engineering started in 2014 and has been offering B. Tech, M. Tech. (Industrial Infrastructure) and Doctoral Programs. The students of all tiers have access to both expert faculty members in the department and institute supported industry engagement opportunities. The department has extensive laboratory and infrastructural facilities for teaching, training, research and development. The department offers honors, minor (Drone Technology), and several micro-specialization courses.

Call for Abstracts

One-page extended abstract as per the format are invited in the following areas:

- Sustainable Energy and Green Technologies
- Smart Materials and Advanced Manufacturing
- Artificial Intelligence, Data Science, and Machine Learning Applications
- Robotics, Automation, and Industry 4.0
- Climate Change, Environmental Conservation, and Waste Management
- Smart Infrastructure and Urban Development
- Nanotechnology and Functional Nanocomposites
- Healthcare Technologies and Biomedical Engineering
- Space, Aerospace, and Defense Technologies
- Water Resources and Sustainable Agriculture
- Cyber-Physical Systems, IoT, and Smart Cities
- Renewable Energy Storage and Electric Mobility
- Advanced Computational Modelling and Simulation
- Entrepreneurship, Innovation, and Technology Management
- Disaster Management, Safety, and Resilience Engineering

Contact details

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Paper Template and Abstract Submission:



Organizing Committee

Patron

Prof. P.K. Jain, Director General, IITRAM
Prof. M.K. Barua, Director, IITRAM

Conference Chair

Dr. Kamlesh Joshi, Asst. Prof., IITRAM
Dr. Dileep Kumar Gupta, Asso. Prof., IITRAM

Convener

Dr. Kumar Abhishek, Asso. Prof., IITRAM
Dr. Mithilesh K. Dikshit, Asst. Prof., IITRAM

Organizing Secretary

Dr. Ganesh Iyer, Asst. Prof., IITRAM
Dr. Sumit Tripathi, Asst. Prof., IITRAM

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Dr. Sourav Das, Asso. Prof., IITRAM
Dr. Meera Vasani, Asso. Prof., IITRAM
Dr. Shukkoor. T, Asst. Prof., IITRAM

Registration and payment details:

