

Introduction

International Conference on Modern Research In Aerospace Engineering (MRAE-2025) will be organized by the Department of Amity Institute of Aerospace Engineering at Amity University, Noida, on 25th -26th September 2025. The Conference aims to bring together students, scientists, academicians and industrialists working in the core and allied field of Aerospace Engineering to discuss new ideas and promote research work in the interdisciplinary areas.

About Amity University

Amity Universe, under the aegis of Ritnand Balved Education Foundation (RBEF) is a premier research and innovation driven University which is ranked amongst the top 3% of the Universities globally. Amity University faculty has filed over 1100 patents and has been granted over 400 patents in last 10 years and published 2433 Scopus indexed research papers in the year 2024 (upto November 2024). Amity is the leading education group of India with over 1,50,000 students studying across 1000 acres of hi-tech campuses.

About AIAE

Amity Institute of Aerospace Engineering was established in 2007 under the aegis of Amity University Uttar Pradesh with a vision to provide quality education, nurturing Indian traditions and ethos. The main thrust and philosophy behind the establishment of the Institute is to promote in depth undergraduate education and conduct research in emerging areas of aerospace engineering that will be beneficial for the Nation and the World at large.

Contact Us



Address:

**Amity Institute of Aerospace Engineering
1st floor, B-Block, Amity University Uttar Pradesh, Sector 125, Noida, Uttar Pradesh 201313**



Email:

mrae@amity.edu

PATRON-IN-CHIEF



Dr. Ashok K. Chauhan
Founder President,
Ritnand Balved Education
Foundation, India

PATRON



Dr. Atul Chauhan
Chancellor, Amity University
Uttar Pradesh, India & President,
RBEF, India.

CO-PATRON



Prof. (Dr.) Balvinder Shukla,
Vice-Chancellor, Amity
University Uttar Pradesh,
India.

CONFERENCE CHAIR



Dr. Sanjay Singh,
Director, Amity Institute of
Aerospace Engineering, Amity
University Uttar Pradesh, India.

TECHNICAL CHAIRS



Dr. Sachin Singh Gautam, IIT
Guwahati,
India.



Dr. V.R Sanal Kumar
Amity Institute of Aerospace
Engineering, Amity University
Uttar Pradesh, India.

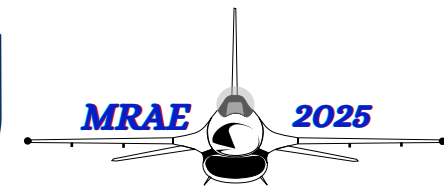
ORGANIZING CHAIRS



Dr. R.K Saluja
Amity Institute of Aerospace
Engineering, Amity
University Uttar Pradesh,
India.



Dr. Neeraj Kumar Gahlot
Amity Institute of Aerospace
Engineering, Amity
University Uttar Pradesh,
India.



Technically co-sponsored by Springer Publication



Springer

Journal of Aeronautics,
Astronautics and
Aviation

All the high quality papers will be published
by Springer (indexed by Scopus)

Top 10 High Quality Papers(extended
version) presented in the conference will
be sent for publication to Journal of
Aeronautics, Astronautics and Aviation (Q3,
SCI INDEXED).

3rd International Conference on "Modern Research in Aerospace Engineering "

(In Hybrid mode)

**25th -26th
September
2025**

Conference Weblink:

www.amity.edu/aiae/mrae2025

Venue:

**Amity University Uttar Pradesh, Sector – 125,
Noida, INDIA**

Themes

- Aerospace Propulsion and Combustion systems.
- Space Research, Rocketry, Avionics and Instrumentation.
- Electric Mobility in Aerospace Engineering
- Aerodynamics, Fluid Dynamics, Wind Tunnel and Computational Fluid Dynamics
- Structural Analysis and Finite Element Method
- Aerospace Materials, Composite Materials and Manufacturing Systems.
- Aircraft Maintenance, Overhauling, NDT and other technical tests.
- Autonomous Airborne Systems.
- Airborne Defense Systems.
- Artificial Intelligence and Machine Learning applications in Aerospace Engineering.
- Unmanned Aerial Vehicles
- Flight Mechanics
- Air Safety, Air Worthiness and Environmental issues.
- Aircraft Control System and Stability.
- Renewable Energy Application in Aerospace

Advisory Committee

- Dr. R. S. Tarnacha
Dr. R. K. Pant
Dr. Radhakant Padhi
Dr. A K Ghosh
- Tata Technologies, AUUP
IIT Bombay
IISc Bangalore.
Tata Advance Systems, Bangalore
- Dr Sachin K Gautam
- Department of Mechanical Engineering, IIT Guwahati, Assam, India
- Dr Ashish Aggarwal
Dr Freddie Inambao
- IGNOU, Delhi
University of KwaZulu - Natal, Durban 4041
- Dr. Dhiraj Mahajan
- IIT Ropar

Technical Committee

- Dr Rajesh Kumar
Dr Pankaj K Singh
Dr. Freddie Inambao,
- DTU, India
DSEU, Delhi Govt, India
University of KwaZulu - Natal, South Africa
- Dr. Navneet Khanna
Dr. S K Karthick
Dr. Chandan Pandey
Dr. Nirmal Kant Singh
Dr. Sudip Das
Dr Nikhil Sharma
Dr Pushpendra K Shukla
Dr Ashish Garg
Dr. Shweta Singh
Prof. Christos Spitas
Dr. Anton Kuzmin
- IITRAM, Ahmedabad, India
IIT Hyderabad, India
IIT Jodhpur, India
NIT Kurukshetra, India
BIT Mesra Ranchi, India
MNIT Jaipur, India
IIT Delhi, India
X-Propulsion Pvt Ltd. India
IIT Kanpur, India
University of Nottingham, Ningbo, China.
National Research Mordovian State University, Russia.

Dr Sanjay MR

Dr. Indran
Suyambulingam
Dr. P.Senthamarakannan

Dr. Priyanka Vashisht
Dr. Rajneesh Kaushal
Dr. Alexander N. Lukin

Dr. Radhey Sham
Dr. Bhargav Akkinipally
Dr. Harikrishnan
Pulikkalparambi

King Mongkut's University of Technology North Bangkok (KMUTNB), Thailand.
Alliance University, Bangalore, Karnataka

Department of Mechanical Engg., K.S.R. College of Engineering, Tamil Nadu, India
Amity University, Haryana, Manesar
NIT Kurukshetra
Western-Caucasus Research Center, Russia
CCET, Chandigarh
Yeungnam University, South Korea
Mahatma Gandhi University, Kerala

Links to previous year proceedings

MRAE 2016: [Click here](#)
MRAE 2023: [Click here](#)

Publication Chair

- Dr. Neeraj Kumar Gahlot
Dr. Nidhi Sharma
- Amity Institute of Aerospace Engineering, AUUP-Noida
Amity Institute of Aerospace Engineering, AUUP-Noida

Financial Chair

- Dr. B.K Agrawal
Dr. Narender Singh
- Amity Institute of Aerospace Engineering, AUUP-Noida
Amity Institute of Aerospace Engineering, AUUP-Noida

Academic Partners



Department of Aerospace Engineering,
PEC Chandigarh



Aeronautical
Society of India

Important Dates

S.No.	Event	Date
1	Call for papers	17th March 2025
2	Full Paper Submission Deadline	16th June 2025
3	Letter of Acceptance	Will be issued from 20th May onwards
4	Last Date of Registration	30th June 2025
5	Camera Ready Paper Submission	30th June 2025

Registration(Including GST)

Category	Indian (INR)		Foreign (USD)	
	Offline	online	Offline	online
Students (UG,PG,PhD)	4500	4500	150	150
Faculty from Academic Institutions	6000	6000	200	200
Researchers from Industry	6000	6000	200	200
Attendee (without paper presentation)	2500	2500 (Only Participation certificate will be provided)	50	50

Registration fees does not include Accommodation and Transportation fees.
On the Spot registration only available for attendees.

A soft copy payment report generated along with registration form must be sent by e-mail to: mrae@amity.edu

Contact Persons :

Dr. R.K Saluja, Organizing Chair, MRAE 2025,
[+91-9968882824, rksaluja@amity.edu](mailto:rksaluja@amity.edu)
Dr. Neeraj Kumar Gahlot, Organizing Chair, MRAE 2025
[+91-8755442936, nkgahlot@amity.edu](mailto:nkgahlot@amity.edu)
Dr. Sanjay Singh, Conference Chair, MRAE 2025
[+91-9650001350, ssingh10@amity.edu](mailto:ssingh10@amity.edu)