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*and more...*

**CONFERENCE WEBLINK:**

[www.amity.edu/aiae/mrae.2016](http://www.amity.edu/aiae/mrae.2016)

**VENUE:**

Amity University Uttar Pradesh, Sector – 125, Noida,  
INDIA. (Tel. No: 0120 – 4392517).

**For any queries, please contact:**

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**1<sup>ST</sup> INTERNATIONAL  
CONFERENCE ON  
MODERN RESEARCH IN  
AEROSPACE ENGINEERING,  
MRAE 2016  
(22-23 September 2016)**



Organized by:



**Amity Institute of Aerospace  
Engineering  
Amity University Uttar Pradesh  
Sector 125, Noida (U.P), INDIA  
Pin: 201313  
[www.amity.edu/aiae](http://www.amity.edu/aiae)**

## INTRODUCTION

First International Conference on Modern Research in Aerospace Engineering, MRAE-2016 will be organized by the Department of Amity Institute of Aerospace Engineering at Amity University, Noida, on 22<sup>nd</sup>-23<sup>rd</sup> September 2016.

The Conference aims to bring together students, scientists, academicians and industrialists working in the field of Aerospace Engineering to discuss new ideas and promote research work.

## OBJECTIVE

The conference will be devoted to advancements in Modern Research in Aerospace Engineering. Researchers from all over the country and abroad will gather in order to introduce their recent advances in the field and thereby promote the exchange of new ideas, results and techniques. This two-day conference will offer a unique opportunity to gain insight into state-of-the-art technology in the aerospace field and to network with international researchers and scientists.

## LIST OF TRACKS

- ❖ Aerodynamics of aircraft and space vehicles
- ❖ Software for aircraft design and analysis
- ❖ Experimental research using Wind Tunnel and other advance techniques
- ❖ Hypersonic Flows
- ❖ Aerospace Propulsion
- ❖ Aircraft Design Optimization
- ❖ Aircraft Structural Analysis
- ❖ Biomimetic in Aerospace
- ❖ Finite Element Analysis
- ❖ Mechatronics & Robotics in Aerospace Engineering
- ❖ Flight dynamics, stability and control
- ❖ Modelling and Simulation of Aircraft/UAV
- ❖ Computational Flow Analysis
- ❖ Control Law Design for Fly-By-Wire (FBW) Aircrafts/UAVs
- ❖ Instrumentation and Health monitoring systems
- ❖ Aerospace Composite Materials
- ❖ Thermal Analysis and Heat Exchangers
- ❖ Reliability and Maintainability of aircraft systems
- ❖ Designs of UAV and MAV
- ❖ Wind turbines and Wind energy
- ❖ Aerostats and Airships
- ❖ Life estimation of Aircraft components and systems
- ❖ Aero elasticity and Structural vibrations

- ❖ Modern fighters man/machine interface trends.
- ❖ Rocketry and Space Research
- ❖ Aircraft system design
- ❖ Flight Acoustics
- ❖ Fuel and Combustion
- ❖ Cryogenic propulsion
- ❖ Quality Assurance of Aircraft and its Systems
- ❖ Manufacturing techniques- CAD, CAM & CAE
- ❖ Multidisciplinary research and design optimizations
- ❖ Corrosion of aircraft components and prevention

## ABOUT ORGANIZING INSTITUTES

### AMITY UNIVERSITY

Amity Universe, under the Ritnand Balved Education Foundation (RBEF) is a premier educational organization which has gone a long way in taking challenges over challenges to impart quality education through its various schools & colleges. Amity is the leading education group of India with over 1,00,000 students studying across 1000 acres of hi-tech campus.

### AMITY INSTITUTE OF AEROSPACE

#### ENGINEERING (AIAE)

AIAE 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.

## IMPORTANT DATES

- Call for papers open on: **01/12/2015**
- Abstract submission deadline: **01/02/2016**
- Abstract review/acceptance notification: **01/05/2016**
- Full paper submission deadline: **01/06/2016**
- Full paper review feedback: **01/07/2016**
- Final acceptance and notification letter: **01/08/2016**
- Registration opens on : **02/05/2016**

## REGISTRATION

Early bird registration before: <b>03/06/2016</b>		
	INDIAN	FOREIGN
Students (B.Tech / M.Tech/M.S)	3000 INR	200 USD
RESEARCH SCHOLARS (Ph. D/ JRF etc.)	4000 INR	250 USD
Faculty from academic institution	5000 INR	300 USD
Researchers from industry	6000 INR	350 USD
Listener without paper presentation	1000 INR	100 USD

Registration after: <b>03/06/2016</b>		
	INDIAN	FOREIGN
Students (B.Tech / M.Tech, ME, M.S)	4000 INR	250 USD
RESEARCH SCHOLARS (Ph.D/ JRF etc.)	5000 INR	300 USD
Faculty from Academic institution	6000 INR	350 USD
Researchers from industry	7000 INR	400 USD
Listener without paper presentation	1500 INR	150 USD

### Registration Fees include:

- Conference kit
- Tea/Coffee
- Lunch
- Proceedings
- CD

\*Registration fees does not include Accommodation and Transportation fees

# On-spot Registration is also available through cash and demand draft, for which registration fees after 03/06/2016 will be applicable.

## PAYMENT DETAILS

<u>INTERNATIONAL TRANSACTION</u>	
<i>All the International delegates outside INDIA can make payment by WIRE Transfer using SWIFT code with the following bank details:</i>	
Name of the payee	Amity university- Uttar Pradesh
Name of the bank And Branch	Allahabad bank, sector-125, amity campus, Noida,

Bank code no.	0212270
Type of account	Savings
Micr code of the bank	110010063
Mode of electronic transfer ECS/RTGS/NEFT/N CS/ code no:	ALLA0212270
Swift code	ALLAINBBRPN

### **For Wire transfer, please note the following:**

While making Wire transfer, delegate should clearly mention his/her name in the "Narration" or "Reference Remarks" and use the same in conference registration form

Also, a scanned copy of Wire transfer report received from bank may be sent by e-mail to mrae2016@amity.edu

## NATIONAL TRANSACTION

*Delegates from INDIA can make payment by NEFT transfer using the following bank details:*

Name of account	Amity university-Uttar Pradesh
Name of the bank	Allahabad bank, sector-125, Amity campus, Noida, district. Gautambudh Nagar
Branch name	Amity University, Noida, Sector-125
Bank code no.	0212270
Type of account	Savings
Account number	20519034454
MICR code of the bank	110010063
IFSC code	ALLA 0212270

### **By Demand draft/ Banker's Cheque (For all delegates)**

*Drawn in favor of "Amity University, Uttar Pradesh" payable at "Noida". DD should be sent to:*

**Organizing Secretary, MRAE- 2016  
Amity Institute of Aerospace Engineering  
Room No. 309, A Block, 3rd Floor,  
Amity University Uttar Pradesh  
Sector 125, Noida- 201303**

*For Abstract and full length paper submission guidelines, visit the conference website (Under Development)*