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CONFERENCE WEBLINK:
<http://amity.edu/aiae/engine2018/>

VENUE:
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INTERNATIONAL CONFERENCE ON
ENGINEERING INNOVATION AND NUMERICAL
EXCELLENCE
(ENGINE 2018)
(27th-28th September 2018)

Organized by:
Amity Institute of Aerospace Engineering



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Sector 125, Noida (U.P), INDIA
Pin: 201313

<http://www.amity.edu/aiae/engine2018/>

INTRODUCTION

International Conference on Engineering Innovation and Numerical Excellence, ENGINE-2018 will be organized by the Department of Amity Institute of Aerospace Engineering at Amity University, Noida, on 27th -28th September 2018.

The Conference aims to bring together students, scientists, academicians and industrialists working in the different field ranging from **Aerospace, Mechanical, Mathematics, Numerical Optimization and Artificial Intelligence** to discuss new ideas and promote research work in the interdisciplinary areas.

OBJECTIVE

The objective of ENGINE-2018 is participation from Academia, Research Organization, and industry in the following ways:

- Technical Sessions
- Industry Forum
- Keynote speeches, Invited and submitted papers
- Poster session

LIST OF TRACKS

- ❖ Aerodynamics and Fluid Mechanics
- ❖ Propulsion, Combustion & Cryogenics
- ❖ Structural Analysis
- ❖ Advance Material and Composites
- ❖ Computer Aided Engineering- CFD and FEM based simulation
- ❖ Artificial Intelligence and Control
- ❖ Thermodynamics and Heat Transfer
- ❖ Nanofluids and nanochannels
- ❖ Avionics, Space Science and Rocketry
- ❖ UAV/MAV
- ❖ Flight Mechanics
- ❖ Flight Safety and environmental issues
- ❖ Mechatronics and Robotics
- ❖ Vibration and Acoustics
- ❖ Automation and Control
- ❖ Fuel and Lubricants
- ❖ Green and Renewable Energy
- ❖ Hydraulic and Pneumatics
- ❖ NDT, Crack and Fracture Analysis
- ❖ Kinematics and Dynamics
- ❖ Quality and Reliability Analysis
- ❖ Aeroelastic Analysis
- ❖ Algorithm development for Applied Mathematics and Engineering.
- ❖ Parallel Programming
- ❖ High Performance computing

- ❖ Novel Approaches in Finite Difference, Finite Element and Finite Volume methods
- ❖ Novel Approaches in Numerical Methods
- ❖ Linear and Non-Linear Optimization techniques
- ❖ Computational Methods
- ❖ Mathematics Modeling and Optimization
- ❖ Analysis and Optimization of Dynamic Systems
- ❖ Calculus of Variation: Rayleigh-Ritz and Galerkin's Method of Solution
- ❖ Adjoint and Genetic based Optimization

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

- Paper submission opens on – **15th March 2018**
- Submission closes on - **30th June 2018**
- Letter of Acceptance – **1st August 2018**
- Camera Ready paper submission- **15th August 2018**
- Last date for registration - **21st August 2018**
- Conference Date- **27-28 September 2018**

REGISTRATION

CATAGORY	INDIAN	FOREIGN
Students (B.Tech / B.Sc etc)	4500 INR	100 USD
Post Graduate students and Research scholars (Mtech/Ph. D/ JRF etc.)	5000 INR	150 USD
Faculty from academic institution	6000 INR	200 USD

Researchers from industry	7000 INR	250 USD
Listener without paper presentation	1500 INR	50 USD

Registration Fees include:

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

Registration fees does not include Accommodation and Transportation fees

On Spot registration only available for Listeners

PAYMENT DETAILS

INTERNATIONAL TRANSACTION <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, District. Gautam Budh
..Bank code no.	0212270
Type of account	Savings
Micr code of the bank	110010063
Mode of electronic transfer ECS/RTGS/NEFT/NCS/ 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 along with registration form may be sent by e-mail to engine2018paper@gmail.com

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Name of account	Amity university-Uttar Pradesh

Name of the bank	Allahabad bank, sector-125, Amity campus, Noida, district. Gautambudh Nagar
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Bank code no.	0212270
Type of account	Savings
Account number	20519034454
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By Demand draft/ Banker's Cheque (For all delegates)

The Demand draft of the amount as per above table should be drawn in favor of "Amity University, Uttar Pradesh" payable at "Noida". On the back side of demand draft, write down delegate name and e-mail address used in Conference registration.

DD should be sent to:

**Amity Institute of Aerospace Engineering
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Amity University Uttar Pradesh
Sector 125, Noida- 201313.**

(*DD must reach the organizer along with registration form before due date)

- > **For full length paper submission guidelines, visit the conference website: (<http://amity.edu/aiie/engine2018/>)**
- > **Selected high impact paper will be published by Springer (Indexed by Scopus).**