

**Government of West Bengal**  
**Department of Science & Technology and Biotechnology (DSTBT)**  
**Vigyan Chetana Bhavan, Block-DD, Plot-26/B,**  
**Sector-I Salt Lake, Kolkata-700064**

**Application Format for Science Popularization Programme**

1. Programme Type (ref SN 11 of the Memorandum): Conference
2. Title of the proposed Programme: International Conference on Advances in Aerospace Engineering and Applied Mechanics
3. Target Group (Faculty, Teacher, Research Scholar, School/College/ University Student, Community): Faculty members, Research Scholars, Industry Personnel
4. Duration (days): 3. Tentative Dates of the proposed Programme: December 17-19,2026
5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary): To showcase and popularize the state-of-the art research and developments in the field of Aerospace Engineering and Applied Mechanics(Tentative Brochure of the event is attached)
6. Name, Designation, Postal Address, mobile no. and e-mail id of the (only one) Programme Co-ordinator (PC) (attach separate sheet, if necessary): Dr. Rana Roy Professor and Head, Department of Aerospace Engineering and Applied Mechanics, IEST, Shibpur, Howrah, PIN: 711103, email: hod@aero.iests.ac.in
7. Legal status of the Institute (School/College/ University/ Institute/ Polytechnic/ ITI/ Autonomous body/ registered NGO/ Trust etc.): Institute (CFTI category)
  8. Date wise detail Programme Schedule (attach separate sheet, if necessary):  
Day 1: 17.12.2026: Inauguration, Plenary talk, Conference Session 1 ,2 (Presentation of contributory articles), Conference Dinner  
Day 2: 18.12.2026 Conference session 3,4,5 (Presentation of contributory articles),  
Day 3: 19.12.2026: Conference Session 6 (Presentation of contributory articles),  
Valedictory Function.
9. Collaborating Institutions/ Organizations, if any, with their specific contribution: NA
10. Expected number of participants and list of Resource Persons/ Invited Speakers: Around 100 participants are expected to attend the conference, Resource persons not yet finalized
11. Give details of the grant received from DSTBT in last three Financial Years, if any along with the date of submission of UC, Audited SoE, Report etc.: The department did not receive any grant from DSTBT in last three Financial Years
12. Name and address of the authority to whom the allotted amount is to be credited (if sanctioned) who will also be responsible for submitting the UC, audited SoE, Programme Completion Report, Feedback, Still and Video photographs etc. of the grant: Sanctioned amount to be credited to: Continuing Education Centre, BESUS ( Details provided in Annexure -II). Submission of UC, audited SoE, Program Completion Report, Feedback, Still and Video photographs etc. will be provided by Department of Aerospace Engineering and Applied Mechanics, IEST, Shibpur, Howrah, PIN – 711103
13. Total Estimated Expenditure (**A**)/ Organisation's contribution (**B**)/ Contribution from any other sources (**C**) / Grant expected from DSTBT(**D**):  
**D** : ₹ 2,00,000 = (**A**: ₹ 10,00,000 – **B**: ₹2,00,000. – **C**: ₹ 6,00,000 )  
(provide detail Budget break-up as per Annexure-I and Bank details as per Annexure-II):

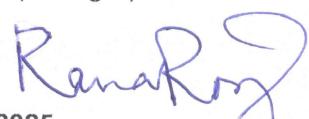
**Check List (put tick) of attachments to be submitted with the application**

- Proposed Total Budget with break-up (Annexure-I) and Bank Details (Annexure-II) in Institute/ Organization's letter head: **YES/NO**
- For registered NGO/ Trust, filled in Application Format recommended by the appropriate Recommending Authority, viz., Jt.BDO/ BDO/ SDO/ DM/ Executive Officer- Municipality/ Commissioner-Municipal Corporation as the case may be (where the programme is actually going to be held): **YES/NO**
- For registered NGO/ Trust, attested copies of the registration certificate, latest renewal certificate, Memorandum and Rules & Regulations of the Organization, last three years Audited Statement of Accounts, Annual Reports etc., List of recommended beneficiaries: **YES/NO**

**DECLARATION**

Certified that the details furnished in the filled in format are correct to the best of our knowledge & belief and that the amount of financial assistance, if sanctioned, will be utilized for the purpose for which it is granted within the time as prescribed by DSTBT. We also undertake to abide by the General Guidelines and Terms & Condition prescribed by DSTBT and provide due coverage to DSTBT during the Programme and publications/ print and electronic media made from the Programme in future. We also declare that within one month after completion of the Programme we shall submit the Utilisation Certificate (UC), Audited Statement of Expenditure (Audited-SoE), Programme Completion Report, Feedbacks from the Participants, still and video photographs etc.

Signature:



Signature:

Date: 15.12.2025

Date:

Name of Programme Coordinator:

Dr. Rana Roy

Designation: Professor and Head

Name of Head of the Institution:

Designation:

Address: Dept. of Aerospace Engineering and  
Applied Mechanics, IEST, Shibpur, Howrah -711103

Address:

**Professor & Head**

Department of Aerospace Engineering  
and Applied Mechanics

Indian Institute of Engineering  
Science and Technology, SIR

Howrah - 711 103, INDIA (only for registered NGO/ Trust)

Certified that the said Organisation is reputed in this field and I/ we recommend the said proposal for getting grant-in-aid from DSTBT, Govt of West Bengal for the benefit of the local College/ University Students/ Community etc.

Signature:

Date:

Name of Recommending Authority:

Designation:

(Office Seal)

Address:

**Proposed Total Budget with break-ups****A. Total Estimated Expenditure**

<b>Sl. No.</b>	<b>Items required with justification and rate</b>	<b>Total Expenditure (A) (₹)</b>
1.	Honorarium to Resource Persons/ Experts	NA
2.	Study materials, Consumables expenses	₹ 5,00,000
3.	Hall rent, if any	NA
4.	Publicity materials	₹ 35, 000
5.	Travel expenses (Local Travel)	₹ 50,000
6.	T.A. to the external Resource Persons/ Experts	₹ 2,00,000
7.	Documentation expenses including audio-visual	₹ 50,000
8.	Light refreshments	₹ 1,00,000
9.	Auditors' fee	₹ 15,000
10.	Other expenses, if any (please specify)	₹ 50,000
<b>Grand Total Expenditure (₹):</b>		<b>₹ 10,00,000</b>

**Please mention:****B. Institution/ Organization Contribution\* in ₹ 2,00,000****C. Contribution from any other sources (with name & Address) in ₹ 6,00,000 ( From Conference Registration and other Sources )****D. Grant expected from DSTBT (₹) = (A-B-C) : ₹ 2,00,000****Signature of Authorised Personnel with seal**

If C= 0

Undertaking: This organization/ institution is not receiving any kind of financial assistance from any other sources

**Signature of Authorised Personnel with seal****\*At least 10% of the total budget contribution from the Institute/ Organization is desirable**

**Bank details of the Applicant Organisation**

Name of the Organization	IEST, Shibpur
Bank Account number & name of the Account holder/ Organization	Continuing Education Centre BESUS, A/c no: 1532010011963
Type of Account (Savings or Current A/c)	Savings A/c
Name of the Bank	Punjab National Bank
Name of the Branch with Branch address	Branch: BESUS Address:
IFSC of the Branch	PUNB0153220
Mobile Number of the Programme Coordinator/ Head of the Organization	9830354744
PAN / TAN of the Account holder/ Organization	PAN No of the Institute: AAAAB4686Q TAN No. of the Institute: CALB01824E

**Signature of Authorised Personnel with seal**



IEST SHIBPUR

Presents

# International Conference on Advances in Aerospace Engineering and Applied Mechanics

**ICAAEAM 2026**

December 17–19, 2026

Venue: IEST Shibpur Campus  
Howrah, West Bengal, India

Organized By:

Department of Aerospace Engineering and Applied  
Mechanics

Indian Institute of Engineering Science &  
Technology (IEST), Shibpur

## About the Conference

The Department of Aerospace Engineering and Applied Mechanics, IEST Shibpur, is proud to host the **International Conference on Advances in Aerospace Engineering and Applied Mechanics (ICAEAM 2026)**. This five-day event brings together researchers, scientists, engineers, and industry professionals for knowledge exchange, research presentations, and discussions on advanced aerospace and mechanical engineering.

The conference includes keynote talks, technical sessions, poster presentations, panel discussions, and networking opportunities.

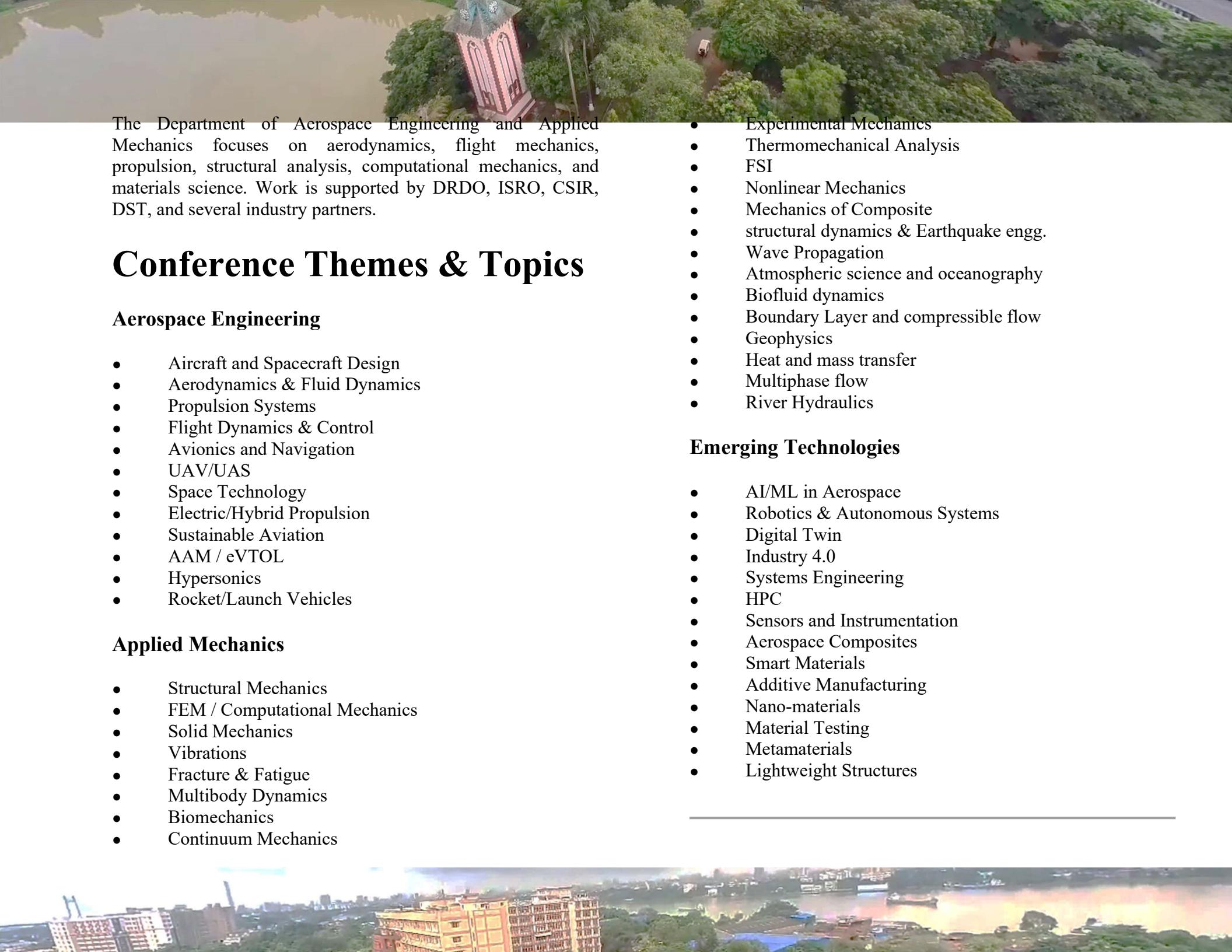
## Important Dates

- **Abstract Submission Deadline:** June 30, 2026
- **Notification of Abstract Acceptance:** July 31, 2026
- **Full Paper Submission Deadline:** September 15, 2026
- **Notification of Paper Acceptance:** October 15, 2026
- **Early Bird Registration Deadline:** October 31, 2026
- **Conference Dates:** December 17–19, 2026

## About IEST Shibpur

IEST Shibpur (est. 1856) is one of India's oldest engineering institutions and an Institute of National Importance. The institute is known for excellence in engineering education and research, with collaborations across India and the world.

## About the Department



The Department of Aerospace Engineering and Applied Mechanics focuses on aerodynamics, flight mechanics, propulsion, structural analysis, computational mechanics, and materials science. Work is supported by DRDO, ISRO, CSIR, DST, and several industry partners.

## Conference Themes & Topics

### Aerospace Engineering

- Aircraft and Spacecraft Design
- Aerodynamics & Fluid Dynamics
- Propulsion Systems
- Flight Dynamics & Control
- Avionics and Navigation
- UAV/UAS
- Space Technology
- Electric/Hybrid Propulsion
- Sustainable Aviation
- AAM / eVTOL
- Hypersonics
- Rocket/Launch Vehicles

### Applied Mechanics

- Structural Mechanics
- FEM / Computational Mechanics
- Solid Mechanics
- Vibrations
- Fracture & Fatigue
- Multibody Dynamics
- Biomechanics
- Continuum Mechanics

- Experimental Mechanics
- Thermomechanical Analysis
- FSI
- Nonlinear Mechanics
- Mechanics of Composite
- structural dynamics & Earthquake engg.
- Wave Propagation
- Atmospheric science and oceanography
- Biofluid dynamics
- Boundary Layer and compressible flow
- Geophysics
- Heat and mass transfer
- Multiphase flow
- River Hydraulics

### Emerging Technologies

- AI/ML in Aerospace
- Robotics & Autonomous Systems
- Digital Twin
- Industry 4.0
- Systems Engineering
- HPC
- Sensors and Instrumentation
- Aerospace Composites
- Smart Materials
- Additive Manufacturing
- Nano-materials
- Material Testing
- Metamaterials
- Lightweight Structures

# Organizing Committee

## Chief Patron:

Smt. Tejaswini Ananth Kumar, Chairperson, Board of Governors, IEST Shibpur

## Patron:

Prof. V. M. S. R. Murthy, Director, IEST Shibpur

## Conference Chair:

Prof. Rana Roy

## Organizing secretary:

Dr N. Nandi,

## Joint organizing secretary:

Dr. J. Bhowmik, Dr I. Mukherjee

## Hospitality chair(s):

Dr S. Koley, Dr P. Kumar, Dr P. Halder

## Mentor(s):

Prof. A. Roy Chowdhury, Prof. S. Bhaumik, Prof. K. Debnath, Prof. S. Halder, Prof. S. Majumder

## Finance chair(s):

Dr P.K. Das, Dr P. Kumar, Dr K. Bhowmik

**Publicity chair(s):** Prof. A. Roy Chowdhury, Dr D. Pal, Dr T. Nilavarsan, Dr. L.P. Raj

**Registration chair(s):** Dr P. Halder, Dr P. Kundu, Dr A.N. Rao, Dr S. Koley

## Technical Program Committee

**Aerospace Engineering:** Prof. K. Debnath, Dr N. Khutia, Dr P. Raj, Dr P. Kundu, Dr I. Mukherjee, Dr A.N. Rao, Dr P. Kumar, Dr S. Koley, Dr P. Halder

**Applied Mechanics:** Dr A. Roy Chowdhury, Dr S. Halder, Dr B. Bhattacharyya, Dr M.C. Manna, Dr K. Bhowmik, Dr P. Halder, Dr D. Pal

**Emerging technologies:** Dr J. Bhowmik, Dr I. Mukherjee, Dr S. Bhaumik, Dr. A.N. Rao

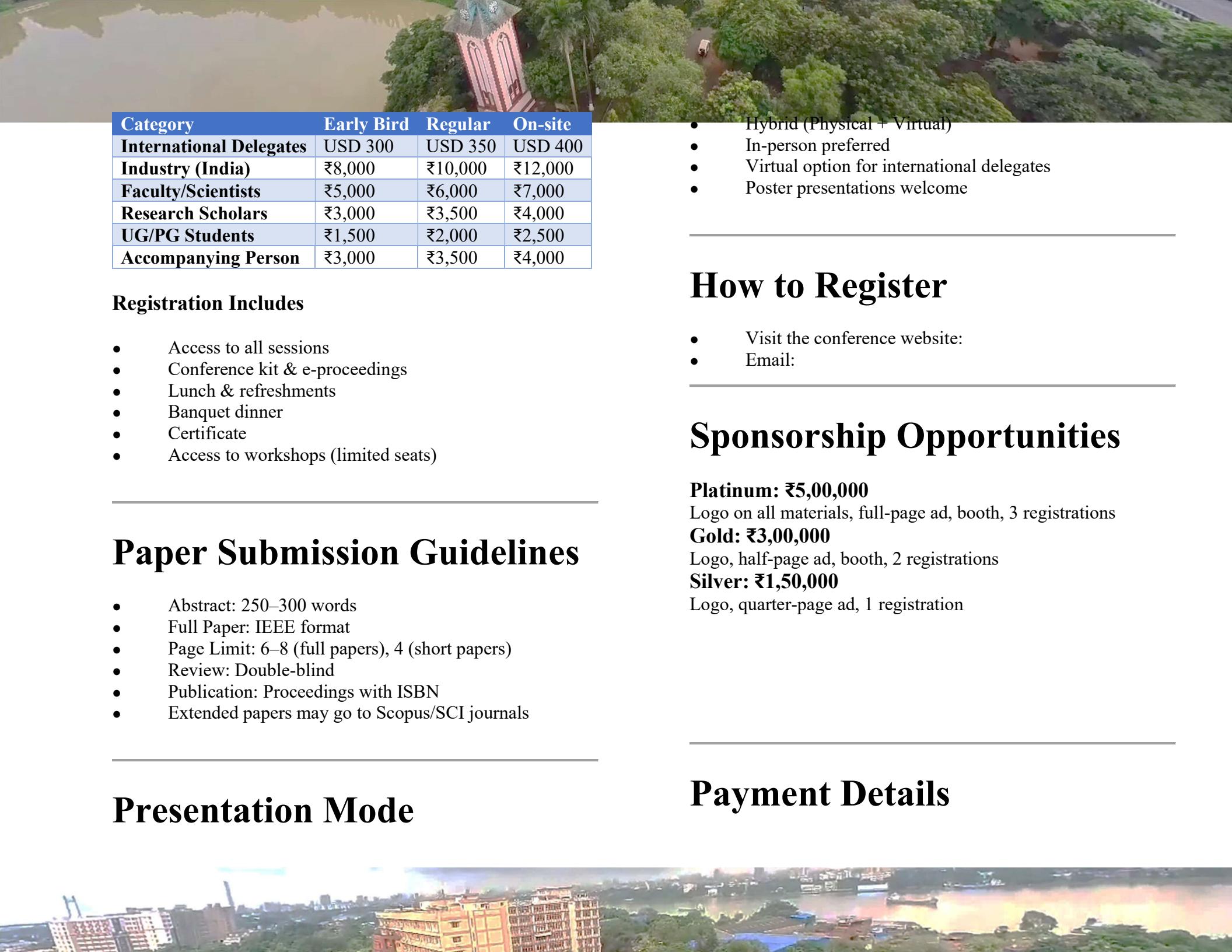
# Distinguished Speakers

Speakers may include professors and scientists from:

- MIT, USA
- Stanford University
- Imperial College London
- TU Delft
- IIT Bombay, IIT Madras, IIT Kanpur
- ISRO, DRDO, NAL

(Specific names and session topics to be finalized.)

# Registration & Fees



Category	Early Bird	Regular	On-site
International Delegates	USD 300	USD 350	USD 400
Industry (India)	₹8,000	₹10,000	₹12,000
Faculty/Scientists	₹5,000	₹6,000	₹7,000
Research Scholars	₹3,000	₹3,500	₹4,000
UG/PG Students	₹1,500	₹2,000	₹2,500
Accompanying Person	₹3,000	₹3,500	₹4,000

### Registration Includes

- Access to all sessions
- Conference kit & e-proceedings
- Lunch & refreshments
- Banquet dinner
- Certificate
- Access to workshops (limited seats)

## Paper Submission Guidelines

- Abstract: 250–300 words
- Full Paper: IEEE format
- Page Limit: 6–8 (full papers), 4 (short papers)
- Review: Double-blind
- Publication: Proceedings with ISBN
- Extended papers may go to Scopus/SCI journals

## Presentation Mode

- Hybrid (Physical + Virtual)
- In-person preferred
- Virtual option for international delegates
- Poster presentations welcome

## How to Register

- Visit the conference website:
- Email:

## Sponsorship Opportunities

### Platinum: ₹5,00,000

Logo on all materials, full-page ad, booth, 3 registrations

### Gold: ₹3,00,000

Logo, half-page ad, booth, 2 registrations

### Silver: ₹1,50,000

Logo, quarter-page ad, 1 registration

## Payment Details

- **Account Name:** Continuing Education Centre - Besus
- **Bank:** Punjab National Bank, Besus Branch
- **IFSC:** PUNB0153220
- **SWIFT:** PUNBINBBXXX
- **Remarks:** "ICAEAM2026"

## Contact Information

### Conference Coordination

Dr.. T. Nilavarasan  
Email: [nila@aero.iiests.ac.in](mailto:nila@aero.iiests.ac.in)

### Technical Program

Dr. A. Nageshwara Rao  
Email: [ajmira@aero.iiests.ac.in](mailto:ajmira@aero.iiests.ac.in)

### Registration

Dr. Pabitra Halder  
Email: [pabitrah@aero.iiests.ac.in](mailto:pabitrah@aero.iiests.ac.in)

### Sponsorship & Finance

Dr. Indrajit Mukherjee  
Email: [imukherjee.aero@faculty.iiests.ac.in](mailto:imukherjee.aero@faculty.iiests.ac.in)

### General Queries

Email:  
Website:

Address:

Department of Aerospace Engineering and Applied Mechanics  
IEST Shibpur, Howrah – 711103, West Bengal, India

We Look Forward to Your  
Participation!

