20th International Conference

on
Vibration Engineering and Technology of Machinery

December 18th – 20th 2025

XX VETOMAC 2025

Venue: IIT Guwahati, India

Jointly Organized by

Department of Mechanical and Civil Engineering

Indian Institute of Technology Guwahati
Assam, India- 781039

Important Dates

Last date for receipt of abstracts:	May 31, 2025
Intimation of acceptance of abstracts:	Jun 15, 2025
Last date for receipt of full-length paper:	Aug 1, 2025
Intimation of acceptance of full paper:	Aug 31, 2025
Last date for receipt of camera-ready paper:	Oct 1, 2025
Deadline for early bird registration:	Sep 30, 2025

Themes

Original papers that deal with all aspects of Vibration Engineering and Technology of Machinery are solicited.

- Composites and Nano-structures
- Rail Dynamics
- Vehicle Dynamics
- Vibration And Acoustic Control
- Signal Processing And Parameter Estimation
- Rotor Dynamics
- MEMS, Smart Structures And Systems
- Compliant Mechanisms And Topology Optimization
- Mini Power Trains And Unmanned Vehicles
- Micro Turbines And Plasma Jet Engines
- Vibration And Waves
- Multi-physics And Flexible Multi Body Dynamics
- Impact and Blast Resistant Design
- Wave Propagation
- Non-linear Vibrations
- Probabilistic Models
- Fluid Structure Interactions
- Condition Monitoring And Machinery Diagnostics
- Fracture, Fatigue And Damage Mechanics
- Flutter And Aero Elasticity
- Prognostic Health Management
- Digital Twinning And Machine Learning
- Renewable Energy And Climate Change
- Guidance, Navigation, And Control Technology
- Machining Dynamics and Chatter
- Additively Manufactured Structures
- Underwater dynamics and control

Submitted full-length papers will be published by Springer in the form of a Scopus-indexed book series. Selected papers will be further reviewed and published by Springer NATURE in the domain of Vibration Engineering and Technology.

Registration Fees

Early-bird registration* (on and before 30 Sep 2025) Extra18% GST.

Category	Indian and SAARC Countries /Foreign Participants (INR/USD)	
	Before 30 Sep 25	After 30 Sep 25
Students	₹3500/$150	₹4500/$200
Post Docs	₹5000/$200	₹6000/$250
Faculty/Govt. Lab Employees	₹6000/$300	₹7000/$350
Start-up/Industry Participants	₹10000/$300	₹12000/$350

Boarding and Lodging

Boarding and lodging facilities (Guest House or Hostel Rooms) will be provided for the selected participants on self-payment basis and on first come first serve basis. No TA/DA will be provided. However, there will be working lunch and tea/coffee during breaks.

How to Reach

IIT Guwahati is around a 30-minute drive from the airport and 45 min drive from the railway station. App-based (Ola, Uber, ASTC City Cabs) reserved taxi are available at the airport and railway station. IITG Bus service is also available to ply to and fro from the campus to the city.

VETOMAC Conference

The 20th International Conference on Vibration Engineering and Technology of Machinery (VETOMAC) will take place at IIT Guwahati, India, from December 18–20, 2025. Since its inception at IISc Bangalore in 2000, VETOMAC has become a globally renowned forum for advancing knowledge in machinery dynamics, with applications in mechanical, automotive, and aerospace domains. Over the years, the conference has been hosted in various prestigious locations, including China, the UK, Brazil, Poland, and Australia, fostering international collaboration.VETOMAC-2025 will feature keynote lectures by distinguished global experts, plenary sessions, and numerous parallel technical sessions. It will bring together researchers, practitioners, and industry professionals to exchange ideas, share experiences, and explore innovative solutions to contemporary challenges in vibration engineering and related fields. The conference aims to inspire collaboration, stimulate research, and advance state-of-the-art technologies, making it a pivotal event for academia, research institutions, and industry.
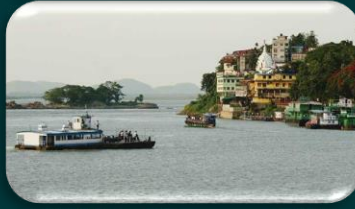
IIT Guwahati

Indian Institute of Technology Guwahati, the sixth member of the IIT fraternity, was established in 1994. The campus is on a sprawling 704 acres, consisting of lakes, and hills, and is located on the north bank of the mighty River Brahmaputra around 20 km from the heart of Guwahati city. Flanked by the majestic Brahmaputra, hills and vast open space, the campus provides an ideal setting for knowledge dissemination. The serene campus with a richness of greenery, scenic beauty, flora and fauna makes it a treasure trove of academics and learning. IIT Guwahati has 11 academic departments, 7 interdisciplinary academic centers and five schools. IIT Guwahati has been ranked 32 globally in "Research citation per faculty and overall QS ranking of 384 in the year 2023. The campus is located close to 27 km from LGB International Airport Guwahati and approximately 24 km from Guwahati Railway Station.

North-East India

The Northeast states of India, comprising Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, and Tripura, are a treasure trove for travelers and a rising hub for technical and infrastructural advancements. Renowned for their breathtaking landscapes, these states offer mesmerizing views of snow-capped mountains, lush valleys, and vibrant cultures. Places like Kaziranga National Park, Cherrapunji, and Tawang attract nature enthusiasts and adventure seekers. From a technical perspective, the region is witnessing a digital and industrial transformation, with growing investments in renewable energy, telecommunications, and startups aimed at leveraging local resources. Infrastructure development, such as the expansion of national highways, airports, and rail networks, is enhancing connectivity and boosting tourism and trade.. As it balances tradition with modernity, the Northeast is emerging as a dynamic destination for both leisure and professional pursuits, promising an enriching experience for visitors and investors alike.

Committee

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