



# COUNCIL OF VIBRATION SPECIALISTS

(Non-profit, Section 8, Companies Act 2013, MCA, Govt. of India)

## BENGALURU CHAPTER

THE GARDEN CITY, THE SILICON CITY  
THE VIBRANT CITY, THE VIBRATION CITY



# Presents

**I**nternational conference on  
**V**ibration  
**E**ngineering  
**S**cience &  
**T**echnology



2023

17th - 18th November 2023



**JN Tata  
Auditorium**



Indian Institute of Science, Bengaluru, India, PIN - 560012  
National Science Seminar Complex, IISc Campus

## CONFERENCE TRACKS AND SESSIONS

The deliberations in INVEST 23 are grouped into various Sessions which correspond to research and application domains in Vibration Engineering, Science, and Technology.

- Vibration Monitoring and Diagnostics - Turbomachinery, Pumps, Blowers
- Automotive Noise, Vibration and Harshness (NVH)
- SHM and Diagnostics - Static/ High Rises/ Structures under Blast & Impact
- Sensors, Sensing Systems and Calibration incl high frequency sensors, ultrasound)
- Human Health and Bio-Medical Engineering equipment
- Acoustics - Environmental Noise, Electroacoustics, Underwater
- Energy Harvesting from Vibrating Mechanisms
- Education, Training, and Certification
- Transportation including Automobile, Aerospace, Rail & Off-Highway
- Renewable or Green Energy - hydrogen, wind and solar power
- Technology, ML & AI, Predictive Analytics in Industry 4.0
- Vibration and Noise - Control and Isolation
- Computational Methods and Probabilistic Models in Vibration Analysis
- Miscellaneous/Inter-disciplinary areas in Vibration, Reliability, Asset Management

## IMPORTANT DATES

### Event

Online Paper Submission Starts  
Last Date of Paper Submission  
Notification Of Acceptance  
Registration & Camera Ready Paper Submission Begins\*\*  
Last Date Registration & Camera Ready Paper Submission  
Date of Conference

### Date

15 May, 2023  
15 September, 2023  
30 September, 2023  
15 October, 2023  
31 October, 2023  
17 & 18 November, 2023

\*\*Delegates can register anytime between 15 May, 2023 and 10 November, 2023. However, they can avail an early bird discount of 10% if they register on or before 31 August, 2023. A further discount of 5% is given to CVS members.

## REGISTRATION DETAILS

### Category

Industry delegate (Author presenting)  
Industry delegate (Non-presenting)  
Engineering College Faculty/ Govt. Organization (Author presenting)  
Engineering College Faculty/ Govt. Organization (Non-presenting)  
Student (Author presenting)  
Student (Non-presenting delegates)  
Delegate from Abroad (Author presenting)  
Delegate from Abroad (Non-presenting)

### Fees (Including GST)

Rs. 5900/-  
Rs. 4720/-  
Rs. 4720/-  
Rs. 2950/-  
Rs. 2360/-  
Rs. 1770/-  
USD 200/-  
USD 150/-

## CONTACT US

### Name

Dr. Amallesh Barai  
Er. Girish Doddamani  
Er. Rajshekhar Uchil

### CVS Designation

Chair - Conference (papers)  
Chair- Conference & Sponsorship  
Chair - Conference (General)

### Company Designation

Prof Jain Engineering College, Bengaluru  
CEO, Enviro Sense Tech, Bengaluru  
Director Elect ISA Aerospace & Test Divn, Bengaluru

**Additional Information, visit: [www.covs.in](http://www.covs.in)**

**For any queries, email to: [invest@covs.in](mailto:invest@covs.in),**

**copy to: [covshqs@gmail.com](mailto:covshqs@gmail.com)**

## ADVISORY COMMITTEE

Name	Designation	Company/Institute
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Dr. R. S. Jangid	Sr. Prof of Structural engineering	Indian Institute of Technology Bombay, Mumbai

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Er. Mukesh Vyas	CVS,Corporate Member	Group Head, Forbes Marshall,Pune

## REVIEW & CONFERENCE PUBLICATION COMMITTEE

Name	Company/Institute	Name	Company/Institute
Dr. Amalesh Barai	Prof., Jain University, Bengaluru	Dr. Nitesh P Yelve	Asst. Prof., Mech Engg.IIT Bombay
Dr. Barun Chakraborti	Former L & THydrocarbon (EPC)	Dr. Vasant Matsagar	Dogra Chair Professor, IIT Delhi
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Dr. Abhishekh Patange	Asst Prof., COEP, Pune	Dr. Lokesh M.	Prof., Army Institute of Tech., Pune
Dr. Arun Jalan	Prof., BITS, Pilani	Dr. Srinivas V.	Sr Principal Scientist, SERC-Chennai



## ABOUT CONFERENCE

The International Conference on Vibration Engineering, Science, and Technology (INVEST 23), is the second conference of Council of Vibration Specialists (CVS) and organized by CVS - Bengaluru Chapter in Bengaluru at J N Tata Auditorium, IISc Campus. The conference INVEST23 will be held in physical mode on November 17 & 18, 2023 with parallel session in Simulation and Testing. The deliberations in INVEST 23 will emphasize on the thrust areas from the field of NVH and associated specializations. The Papers orally presented in the Conference and selected by review committee will be submitted for inclusion in indexed journal / digital library of repute. The conference committee has also instituted the Best Paper Award (open to all) and Young Researcher Award (for students) in each theme of INVEST 23 to appreciate the hard work and dedication of the engineers/ researchers towards carrying out novel research and/or resolving critical industry problems. The conference will also felicitate outstanding Vibration Experts.

## ABOUT CVS

Council of Vibration Specialists (CVS), a non-profit organization (first of its kind in the country exclusively on Vibration) has been formed by some expert professionals dedicated to Vibration Science and Engineering, both from academia and industry, in order to scale up the reach of this inter-disciplinary specialization. There could be need to address design-reviews/reengineering in systems/ components from the site-experiences of vibration-induced flaws, to bring an awareness in every industry on huge energy-savings possibilities from machines with undesired high vibration and to speed up the vibration diagnostics and prognostics mechanism to a higher level of accuracy through the effective management of vibration knowledge, empowering the engineers with necessary world-class skills and theoretical inputs along with specialized certifications on Vibration.

## ABOUT BENGALURU

The city of Bengaluru (previously known as Bangalore) is the Silicon Valley of India. It is also known as Green City due to its eco-friendly greenery. The city also hosts large number of vibration research, education & training Institutes, large multi-national companies, vibration hardware & software OEMs, and number of instruments service providers including DRDO, ISRO, IISc, IAF, GTRE, NAL, ADA, HAL etc.

The November being the winter month, the best time to visit the city. It doesn't get very cold with the lowest temperature hovering around 10-25 degree cent., with humidity around 60%. With many lakes and gardens to visit, the sightseeing and outdoor activities are most comfortable during this time. The most visited sights are Bangalore Palace, Tipu Sultan's Summer Palace, Lal Bagh Botanical Gardens, Nandi Hills, Cubbon Park, National Gallery Of Modern Art, Ulsoor Lake, Government Museum, nearby Mysore/ Mysore Palace.

## CONFERENCE ORGANIZERS

### Paper / Presentations:

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### Sponsorship Opportunities and General Query:

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### General Query from Chapter:

Er. Rajshekhar Uchil, chapter liaison officer, Bengaluru Director  
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### General Enquiry on CVS:

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### TO REACH VENUE:

Phone: +91- 9845498346

Distance from International Airport- 30 Km

Nearest Metro Yashwantpur Station: 2 Km

Nearest Sandal Soap Factory Metro: 1 Km

## QR - Bank Details, INVEST23

Beneficiary Name	: Council of Vibration Specialists
Account Type	: Current
Account No.	: 100025012021
IFSC Code	: ESFB0009006
Bank Name	: EQUITAS Small Finance Bank Ltd.
Branch	: VASHI, Navi Mumbai

