

COUNCIL OF VIBRATION SPECIALISTS

(Non-profit, Section 8, Companies act 2013, MCA, GoI)

&

Agnel Charities'

Fr. C. Rodrigues Institute of Technology, Vashi

(AICTE Approved, NBA & NAAC Accredited, Ranked by NIRF)



Jointly present



INVEST 22

International Conference

on

Vibration Engineering, Science, and Technology

9th – 10th December 2022

CONTACT US

www.invest-cvs.fcrit.ac.in OR www.covs.in

invest@fcrit.ac.in, copy to: cvs.hqs@covs.in

CONFERENCE TRACKS AND SESSIONS

The deliberations in INVEST 22 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
- Vibration, SHM and Diagnostics – Static Structures (on-shore and off-shore)
- Sensors, Sensing Systems and Calibration
- Human Health and Bio-Medical Engineering equipment
- Energy Harvesting from Vibrating Mechanisms
- Education, Training, and Certification
- Structures under Blast and Impact
- Tall Structures, High Rises, Transports including Aerospace, Rail & Road
- Renewable or Green Energy – hydrogen, wind and solar power
- Technology, ML & AI, Predictive Analytics in Industry 4.0
- Vibration and Noise - Control and Isolation
- Vibrations in Electrical and Electronic Systems
- Computational Methods and Probabilistic Models in Vibration Analysis
- Measurement by other high frequency sensors (pressure, motor current, ultrasound, acoustics, strain etc.)
- Miscellaneous/Inter-disciplinary areas in Vibration, Reliability, Asset Management

Sponsorship Opportunity

For Industries to Showcase Technologies to End Users

Leave the right impression. Opportunity of marketing your products and attract positive attention to your business and to expose your organization to key people in related industries and Academicians attending the conference.

Sponsorship Details

Category	PLATINUM	GOLD	SILVER	BRONZE
Amount	₹ 5 Lacs	₹ 3 Lacs	₹ 2 Lacs	₹ 1 Lac
Display Stall Size	Large	Medium	Small	Table Space
Logo on event backdrop	Yes	Yes	Yes	No
Speaking Slot	Yes	Yes	Yes	No
No of free delegates (50% from user industry)	8	6	4	2

- CVS members may avail a discount of 10% on Sponsorship Amount.
- All the sponsors may avail an early bird discount of 10% on the Sponsorship Amount, if paid on or before September 15, 2022.

{Discount to CVS Members: 10% regular + 10% early bird = Total 20%}

{Discount to Non CVS members: Total 10% early bird}

For Additional Information visit

For any queries, email to

ADVISORY COMMITTEE

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Dr. Srinivas Voggu	Principal Sr. Scientist	Structural Engineering Research Centre, CSIR, Chennai

CORE COMMITTEE

Dr. H. S. Gambhir	President	Council of Vibration Specialists
Dr. Tarapada Pyne	Secretary & Director General	Council of Vibration Specialists
Dr. Aparna Dey Ghosh	Vice President	Council of Vibration Specialists
Dr. S. M. Khot	Treasurer	Council of Vibration Specialists
Dr. Nitesh P. Yelwe	Chair - Conference & Symposium	Council of Vibration Specialists (IIT Bombay, Mumbai)
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Dr. Aqleem Siddiqui	Associate Professor	Fr. C. Rodrigues Institute of Technology, Vashi (India)
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Dr. Ravinder Goyal	Managing Director	EIP Enviro Level Controls Pvt. Ltd. (India), Delhi
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Dr. Chinmaya Kar	Reliability and CBM Consultant	Honeywell International, Abu Dhabi, UAE
Dr. Arun Jalan	Prof of Mechanical Engineering	BITS, Pilani, Rajasthan

CONFERENCE CHAIRS

Dr. Nitesh P. Yelwe	Chair - Conference & Symposium	Council of Vibration Specialists (IIT Bombay, Mumbai)
Dr. Aqleem Siddiqui	Associate Professor	Fr. C. Rodrigues Institute of Technology, Vashi, Mumbai)

ABOUT CONFERENCE

It is proposed to organize the International Conference on Vibration Engineering, Science, and Technology (INVEST 22) through the joint efforts of Council of Vibration Specialists (CVS) and Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, INDIA (FCRIT). The conference will be held at FCRIT Vashi in physical mode on December 9-10, 2022. The deliberations in INVEST 22 will emphasize on the thrust areas from the field of vibrations. All the papers orally presented in the Conference will be submitted for inclusion into Lecture Notes in Mechanical Engineering (proposed) which is a SCOPUS indexed digital library. The conference committee has also instituted the Best Paper Award (open to all) and Young Researcher Award (for students) in each theme of INVEST 22 to appreciate the hard work and dedication of the researchers towards carrying out novel research. The conference will also felicitates 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 FCRIT

Fr. C. Rodrigues Institute of Technology (FCRIT) was established in 1994 in the heart of Navi Mumbai, Vashi, as a part of Agnel Technical Education Complex. The aim of the Institute is to provide quality technical education in addition to inculcating moral values in its students. Apart from academic excellence, the campus is also reputed for its extensive facilities that have led to it being awarded an "A" grade by the Directorate of Technical Education, Maharashtra, right from its inception. The institute is affiliated to the Mumbai University and offers five undergraduate engineering programmes, namely Computer, Mechanical, Electronics & Telecommunication, Electrical, and Information Technology, and three postgraduate engineering programmes. The institute is also a Mumbai University approved PG study & Research Centre in the three engineering disciplines of Mechanical, Electronics & Telecommunication, and Electrical.

CVS FOUNDING FELLOWS

1. Dr. H.S. Gambhir, Ex-VP, RIL, Advisor – 3 startups
2. Dr. Tarapada Pyne, CKO and Director, CRD, Mumbai
3. Dr. S. M. Khot, Principal, FCRIT, Navi Mumbai
4. Dr. Aparna Dey Ghosh, Prof.-Structural Engg, IIST
5. Dr. Vasant Matsagar, Dogra Chair Professor, IIT Delhi
6. Er. L.J. Swaminathan, Reg. Director, Meggitt Systems
7. Er. K. K. Gajpal, Sr. Manager (Energy & CBM) Hindalco
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9. Dr. Chinmaya Kar, SME, Honeywell International, UAE
10. Er. Mukesh Shah, Partner DeeEm Systems, Mumbai
11. Dr. Arun Jalan, Prof Mech. Engineering, BITS Pilani
12. Er. Neeraj Bhargava, GM – Reliability & CM
13. Er. Debadatta Mishra, Sr Scientist, ISRO, Bengaluru
14. Er. Madhusudhan, Director, Diagnostic Engineers
15. Dr. Srinivas Voggu, Principal Sr. Scientist, SERC

CONFERENCE VENUE

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