



## SPEAKERS



**Mr. N V Karnath**

Ex. Sr. Dy. Director &  
Head NVH & CAE Lab,  
ARAI, Pune



**Dr. M L Munjal**

Hon. Professor  
Indian Institute of  
Science, Bengaluru.



**Dr. Paresh Shravage**

Director  
Alfa Acoustics  
Pune



**Mr. Atul Gaikwad**

Deputy General  
Manager, ARAI,  
Pune.



**Mr. Sachin Wagh**

General Manager  
FEV India Ltd., Pune



**Mr. R R Askhedkar**

General Manager,  
Kirloskar Oil Engines Ltd.  
Pune



**Mr. Kaustubh Patel**

Dy. General Manager  
CAE, ARAI  
Pune



**Dr. Dhanesh Manik**

Professor, IIT,  
Bombay

## REGISTRATION

Scanned copy of Registration form can be sent to Dr. M. M Sayyad (co-coordinator), National Level Workshop, Vishwakarma Institute of Information Technology, Pune-48

- No TA/DA will be paid to participants
- No accommodation will be provided by the institute

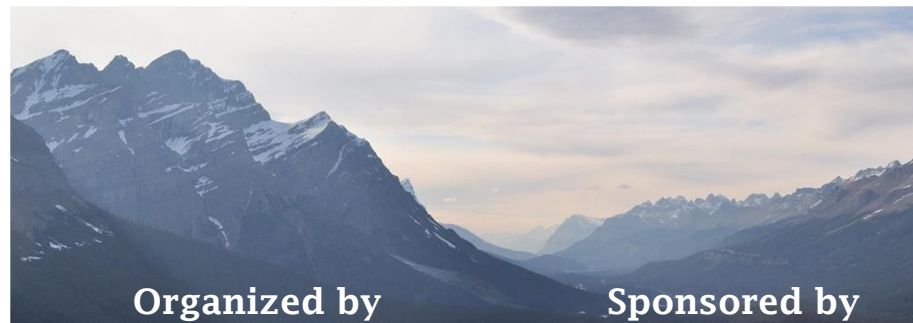
### Registration Form

Name & Designation	
Mobile / Email	
Institute/Company Name & Address	

For Online Registration refer following link

[https://docs.google.com/forms/d/1RGES3Uxj-7gSleZ3u2c2oRIxLoIU3u4s9MSz\\_E8DYcg/edit](https://docs.google.com/forms/d/1RGES3Uxj-7gSleZ3u2c2oRIxLoIU3u4s9MSz_E8DYcg/edit)

**Note:** This brochure will also be available on website <http://www.viit.ac.in>

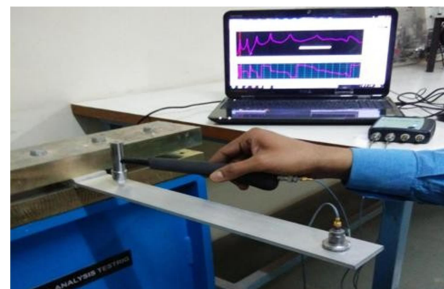


Organized by

Sponsored by



2 Days National Level Workshop on  
**Advances in Measurement and Analysis of  
Vibration and Noise**  
09 - 10 January, 2020



**BRAC'T'S**  
**Vishwakarma Institute of Information  
Technology, Pune-48**  
Department of Mechanical  
Engineering

## ABOUT INSTITUTE

Vishwakarma Institute of Information Technology (VIIT) established in 2002 to impart world class education and to develop useful manpower for industries. It is a self-financed NAAC Accredited Autonomous institute affiliated to Savitribai Phule Pune University. It is approved by All India Council of Technical Education (AICTE), New Delhi. VIIT is an ISO 9001-2015 certified institute. The Department of Mechanical Engineering is accredited by NBA

The VIIT is ranked 6<sup>th</sup> in State and 14<sup>th</sup> in India by CSR .VIIT has received platinum ranking in CII-AICTE industry linked survey. VIIT has received A+ grade from CHRONICLE All India Engineering College Survey-2019.VIIT has all basic and advanced modern infrastructure facilities excelling in both academic and research activities. At the Vishwakarma Institute of Information Technology, we strive to forge the young students as competent engineers and also responsible citizen imbued with necessary skills.

## THEME

The Vishwakarma Institute of Information Technology, Pune is pleased to organize the National Workshop on “Advances in Measurement and Analysis of Vibration and Noise”

The aim of this workshop is to impart recent advancements in Mechanical vibration and noise measurement to research scholars and faculties. This workshop will also provide golden opportunity to the participants to interact with experts from IISc, IIT, ARAI, KOEL etc. The scope of this workshop is not limited only to conceptual knowledge but also to provide hands on training.

## INTENDED LEARNING OUTCOMES

- Understand Fundamental of Acoustics & Vibration.
- Understand of Different damping Technique
- Understand Modal Testing & Applications.
- Understand methods of Noise & Vibration Control.
- NVH concerns in Automobiles and Traffic
- Major Automotive NVH sources in the vehicle
- Pass-by NVH Attributes & Noise in EV
- Indian pass-by Noise Regulations
- Engine and Power-Train Induced NVH
- Air-Induction and Exhaust System NVH
- Muffler Acoustics:
- Electro-Acoustic Modeling Transfer Matrix Modeling
- Absorptive Ducts and Mufflers
- Combination Mufflers
- **Hands On Practice**
  - 1) Determination of Modal loss factor of viscoelastic material using FFT analyser.
  - 2) Determination of Sound Absorption Coefficient of acoustic materials



Link:  
<https://goo.gl/maps/T8XC5Rmm8uqk83Zy6>

**Vishwakarma Institute of Information Technology, Pune**  
Department of Mechanical Engineering  
Ph. No. 020 - 26950401

## CHIEF PATRON

**Hon. Shri. Rajkumar Agarwal**  
Chairman, BRAC, Pune

**Hon. Shri. Bharat Agarwal,**  
Managing Director, BRAC, Pune

## PATRON

**Dr. B. S. Sule**  
Chief Executive Officer, VI

**Dr. P. B. Kulkarni**  
I/C Director, VIIT

## ADVISORY BOARD

**Dr. S. S. Chinchani**  
Dean Academics, VIIT, Pune

**Dr. B. S. Karkare**  
Professor, VIIT, Pune

**Dr. R. B. Ingle**  
Professor, Cummins COE,  
Pune

**Dr. S. S. Pardeshi**  
BOS Chairman, SPPU

**Dr. A. P. Kulkarni**  
Dean, Industry Institute  
Interaction cell, VIIT, Pune

**Dr. D. N. Kamble**  
I/C Dean, R&D, VIIT  
Pune

## CONVENER

**Dr. Pravin P. Hujare**  
Asso. Professor, Department of Mechanical Engineering, VIIT, Pune

## COORDINATOR

**Dr. Ashok R. Mache**  
Head, Department of Mechanical Engineering, VIIT, Pune

## CO-COORDINATORS

**Dr. S. S. Kore**  
VIIT, Pune  
Mobile: +91 9922768234  
Email: [sandeep.kore@viit.ac.in](mailto:sandeep.kore@viit.ac.in)

**Dr. M. M. Sayyad**  
VIIT, Pune  
Mobile: +91 9763203706  
Email: [mannan.sayyad@viit.ac](mailto:mannan.sayyad@viit.ac)

## ORGANIZING COMMITTEE

Prof. (Dr.) A. D. Kale  
Prof. C. R. Ramtirthkar  
Prof. (Mrs) S. V. Dravid  
Prof. P. R. Anerao  
Prof. P. P. Rathod  
Prof. M. N. Jagdale

Prof. (Dr.) D. A. Kamble  
Prof. A. R. Deshpande  
Prof. (Mrs) H. Y. Kolekar  
Prof. A. A. Somatkar  
Prof. M. G. Gadge  
Prof. A. R. Dhumal

Prof. A. V. Salve  
Prof. D. B. Nalawade  
Prof. N. H. Ambhore  
Prof. B. S. Rathod  
Prof. N. B. Kate  
Prof. (Mrs) C. Nalawade

## REGISTRATION COMMITTEE

Prof. S. C. Shamkuwar  
[+91 9890109312]

Prof. P. J. Tipole  
[+91 9552524393]

Prof. G. B. Narkhede  
[+91 9767895083]