

Dr. Paresh Shravage

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**Professional and Research Experience:**

2014-2025 Founder and Technical Head, Alfa Acoustics, presently heading a company specialized in acoustic consultancy, product development, R&D and testing services for Acoustic materials

2014-2025 Principal NVH Scientist, L&L Products Ltd, presently working as a NVH Specialist for L&L Products, providing global consultancy to the company for acoustic materials

2023-2025 Acoustics Specialist, Wipro Lighting, presently working as an Acoustic Specialist for Wipro lighting to develop Acoustic lights and Acoustic Furniture for Open Space concept

2024-2025 Acoustics Specialist, Abby Lighting, presently working as an Acoustic Specialist for Abby lighting to optimise Acoustic treatments for lighting applications

2018-2022 Guest Faculty, BITS Pilani WILP Programmes, for advanced vehicle acoustics

2016-2019 Acoustic Expert, Mimic Infotech Pvt Ltd, presently working as an Acoustic Expert, responsible for acoustic software design and development.

2009-2013 Project Engineer, Automotive Research Association of India, presently working on characterization, simulation and testing of acoustic materials for vehicle applications, development of state-of-art facility for acoustic materials

2004-2011 PhD in Physics (Acoustics), University of Pune, India
A Characterization and Prediction of Acoustical Properties in Porous Materials

2007-2008 Marie-Curie Fellow at the ENDIF, Italy under the European Doctorate in Sound and Vibration (EDSVS) Programme

Project 'Doctoral Training in the development of measurement devices for physical properties of sound absorbing materials', Host supervisor Prof. Roberto Pompili

- Development of software interface for three microphone sound absorption coefficient measurement tube
- Development of inverse characterization algorithm for evaluating intrinsic physical parameters using Genetic Algorithm
- Development of test rig for the measurement of elastic parameters of sound absorbing materials
- Development of optimization algorithm for optimization of sound package materials
- Development of simulation software for predicting acoustic behaviour of sound package materials

2001-2003 Master of Science in Physics, University of Pune
Mathematical Physics, Acoustics, Electronics, Instrumentation, Classical Mechanics, Statistical Mechanics, Computer Programming

Teaching Experience:

- Noise and Vibration, Acoustics of Porous materials, Master of Technology, Vellore Institute of Technology in collaboration with Automotive Research Association of India
- Post Graduate and Undergraduate course, Project Guidance

Awards and Achievements

- Sir C.V. Raman Award - Simulation and validation of sound absorption in a reverberation chamber, December 2012
- ARAI Recognition Award - Development of IL-Cabin for grommet and cavity filler testing, December 2012
- ARAI Recognition Award - Development of porosity & mid frequency impedance tube rig for acoustic materials characterization, December 2011
- ARAI Recognition Award - Development of airflow resistivity rig for acoustic materials characterization, December 2010
- Marie-Curie Fellowships -Two times recipient from European Commission, March 2007-September 2008

Affiliations

- Acoustical Society of America (ASA)
- Society of Automotive Engineers (SAE)
Member of Acoustical Material Standard Committee-Development of new standards
- American Society for Testing and Materials (ASTM)
Member of E33 Standard Committee-Development of new standards
- Institute of Noise Control Engineers (INCE)
- Acoustical Society of India (ASI)