

**Government College of Engineering  
and Research, Avasari (Kh), Tal-  
Ambegaon, Dist – Pune**

**REGISTRATION FORM**

**One Week FDP  
On**

**Noise, Vibration and Harshness  
(NVH)**

**During 25<sup>th</sup> February – 01<sup>st</sup> March 2019**

Name: -----

Designation: -----

Institute: -----

Gender: Male / Female

Postal Address: -----  
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Email Id: -----

Telephone No. : -----

Mobile No. : -----

Experience (Years): -----

Accommodation Required : Yes / No

Signature of Applicant :-----

Signature of Sponsoring Authority (With date and seal)  
(Photocopy of registration form is acceptable)

**CHIEF PATRON**

**Dr. A. E. Wagh**

Director, Technical Education,  
Maharashtra State, Mumbai

**PATRON**

**Dr. D. R. Nandanwar**

I/C Joint Director  
Technical Education, Regional Office, Pune

**Dr. A. S. Pant**

Principal  
Government College of Engineering & Research,  
Avasari (Kh)

**CONVENER**

**Prof. S. V. Joshi**

Professor and Head,  
Department of Mechanical Engineering,  
Govt. College of Engg. & Research, Avasari (Kh)

**COURSE COORDINATORS**

**Dr. S. A. Sonawane**

Associate Professor in Mechanical Engineering,  
Govt. College of Engg. & Research, Avasari (Kh)

**E-Mail:** sasonawane.mech@gcoeara.ac.in

Contact No:- 09421304832

**Dr. S. V. Kshirsagar**

Associate Professor in Mechanical Engineering,  
Govt. College of Engg. & Research, Avasari (Kh)

**E-Mail:** svkshirsagar.mech@gcoeara.ac.in

Contact No:-08805325726

**Government College of Engineering  
and Research, Avasari (Kh)**

[www.gcoeara.ac.in](http://www.gcoeara.ac.in)



**One Week  
Faculty Development Program  
On**

**Noise, Vibration and Harshness  
(NVH)**

**During 25<sup>th</sup> February – 01<sup>st</sup> March 2019**



**ORGANIZED BY**

**Department of Mechanical Engineering,  
Government College of Engineering and  
Research, Avasari (Kh),  
Tal- Ambegaon, Dist- Pune, 412 405**

**ORGANIZING COMMITTEE**

**Dr. S. S. Deshpande      Dr. R. M. Warkhedkar  
Dr. S. V. Karmare      Shri. A. S. Kousal  
Shri. J. M. Arackal      Shri. N. D. Padwale**

## ABOUT THE INSTITUTE



Government College of Engineering and Research, Avasari (Kh), Tal- Ambegaon, Dist - Pune, has been established in August 2009 by Government of Maharashtra and is approved by All India Council for Technical Education, New Delhi. Institute campus is located in hilly area of a very picturesque location at a distance of 65 km from Pune, off Pune-Nashik Highway, about 30 km from Shivneri fort, Ozar and Lenyadri and 3 km from Manchar. The institute offers Undergraduate Programmes in Automobile, Civil, Computer, Electronics and Telecommunication, Instrumentation & Control and Mechanical Engineering. At present, more than 1600 students are taking education in the environment friendly campus.

## FDP OBJECTIVES

Noise, Vibration, and Harshness (NVH), also known as Noise and Vibration (N&V), is the study and modification of the noise and vibration characteristics of vehicles, particularly cars and trucks. While noise and vibration can be readily measured, harshness is a subjective quality, and is measured either via "jury" evaluations, or with analytical tools that can provide

results reflecting human subjective impressions.

Noise, Vibration and Harshness (NVH) is one of the most important vehicle attributes reflecting the quality perception of a vehicle. In Automotive industry there is a cut throat competition due to customers' increasing demand for more refined vehicles with special emphasis on NVH. There is a huge potential of Research and Development in the field of NVH.

This Faculty Development Program is aimed to increase the awareness level about NVH and explore ideas that can lead to better understanding the complexity of Noise, Vibration and Harshness (NVH). It will also assist faculty members of Government Institutes situated in Maharashtra State in disseminating adequate information for effective teaching-learning and highlight key areas of research in this field.

## COURSE CONTENTS

- Trends in Vibration Control
- Noise Pollution: Sources, Effects and Control
- Sound Absorbing Materials
- NVH in Automotive Industry
- NVH Measurement Techniques
- Automotive NVH Control Strategies and Comfort

## ELIGIBILITY

Teachers with specialization in Mechanical, Automobile and Production Engineering stream having interest in Noise, Vibration and Harshness area, working in Government / Government Aided Engineering and Polytechnic Institutes.

## TA/DA, LODGING AND BOARDING

TA/DA (limited to AC 3 tier Railway fare for to and fro journey) will be paid to the participants on production of journey tickets. Accommodation, if required, will be provided in institute hostel on specific request with nominal charges.

Tea, Breakfast, Working Lunch and Dinner will be provided during the course.

## VENUE

Seminar Hall,  
Department of Mechanical Engineering,  
Government College of Engineering and  
Research, Avasari (Kh). Tal- Ambegaon,  
Dist.-Pune

## IMPORTANT DATES

Last date for receiving the registration form:  
**20<sup>th</sup> February 2019.**  
**(Scanned copy of registration form by Email will also be accepted)**

Confirmation of selection for course by Email:  
**21<sup>st</sup> February 2019.**