

## REGISTRATION FORM

Name : \_\_\_\_\_

Qualification : \_\_\_\_\_

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Institute : \_\_\_\_\_

Contact Details:

Postal : \_\_\_\_\_

Mobile Number: \_\_\_\_\_

E-mail : \_\_\_\_\_

Payment Details:

Amount : \_\_\_\_\_

D. D. No. : \_\_\_\_\_

NEFT Transaction Number:

Date : \_\_\_\_\_

Bank : \_\_\_\_\_

Signature of Applicant: \_\_\_\_\_

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Official Seal & Signature of the competent authority

Date: \_\_\_\_\_

Photo-copies of registration forms may be used for multiple entries.

### PATRON

**Dr. Abhay Wagh**

**Director**, Directorate of Technical Education,  
Maharashtra State, Mumbai

### ADVISORY COMMITTEE

**Prof. B. B. Ahuja**

**Director**, College of Engineering Pune

**Prof. B. N. Chaudhari**

**Dy. Director**, College of Engineering Pune

**Dr. V. N. Pande**

**TEQIP Coordinator**

College of Engineering Pune

**Prof. S. S. Bhosale**

**Head**, Dept. of Civil Engineering

College of Engineering Pune

### CONVENERS

**Dr. Suhasini N. Madhekar**

Associate Professor, Applied Mechanics  
College of Engineering Pune

Tel : (020) 25507044

Cell : +91 9822325683

E-mail : snm.civil@coep.ac.in

**Dr. Vaishali B. Dawari**

Assistant Professor, Applied Mechanics  
College of Engineering Pune

Tel : (020) 25507050

Cell : +91 9423003060

E-mail : vbd.civil@coep.ac.in

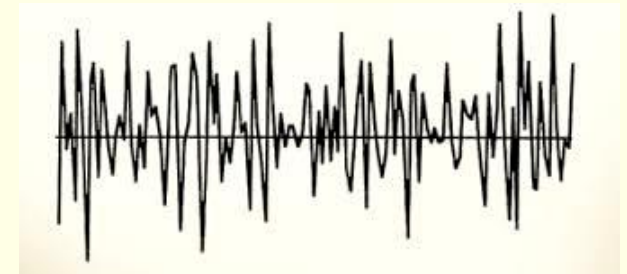
**TEQIP III Sponsored One Week  
Workshop**

**(Faculty Development Program)**

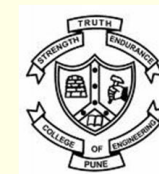
**on**

**Structural Dynamics in  
Random Environment &  
Needs of the Industry**

**July 9 - 13, 2018**



**Organised by**



**Department of Civil Engineering**

**College of Engineering Pune**

**Shivajinagar**

**Pune 411005**

## COEP: HERITAGE

College of Engineering Pune (COEP), the third oldest engineering college in India, was established in the year 1854. It is a premier engineering institution in the country and consistently been ranked high by various independent surveys on Technical Education in India. It is the Lead Centre under the Technical Education Quality Improvement Programme (TEQIP) assisted by the World Bank. The college was a participant of the Canada India Industry Institute Linkage Programme. The institute has around 3500 students on roll pursuing Undergraduate, Post graduate and Doctoral programmes in various disciplines of engineering.

## CIVIL ENGINEERING DEPARTMENT

The Department of Civil Engineering, established in 1854, has the distinction of being the oldest department in the institute. It has set up a great tradition of producing distinguished engineers such as Bharat Ratna Late Sir. M. Visvesvarayya, who through his countless works is synonymous with Civil Engineering. Even after completing its sesquicentennial anniversary, the department has kept updating to well-equipped laboratories and research. The faculty believe in high quality teaching and are actively involved in Consultancy projects, conferences and research publications. The department offers consultancy in various fields of Civil engineering to reputed government and private sectors.

## LECTURE TOPICS

- Random vibrations, Environmental loads and characterization, Uncertainties (randomness) in the load description
- Stochastic Processes, Time and Frequency domain characteristics
- Response of SDOF, MDOF oscillators under random excitation
- Response of structural systems under random inputs
- Hands on experience using software tools: NISA and MATLAB
- Special session on ‘Probability Theory for Random Vibrations’ on 7/7/2018

## ABOUT THE FACULTY

Dr. Gorti V. Rao, is a Senior Structural Consultant at ACS Design Consulting Pvt Ltd, Bengaluru. He has over 35 years of experience that encompasses multi-disciplinary fields, with major thrust towards Structural Engineering.

He is an expert in the fields of Structural Dynamics, Random Vibrations, Optimization, Finite Element Analysis, Rotor Dynamics and Computational Mechanics. He also has experience in the area of transmission line towers and vibration testing of transmission line materials.

He has authored two books in the field of Structural Dynamics and Stochastic mechanics, Filtering & Optimization.

## PARTICIPATION FEES

The registration is open to faculty members from Engineering colleges, P.G. students, Research scholars and industry professionals.

The registration fee for participation is:

Industry Personnel : Rs. 3000/-

Faculty from Academic

Institutions : Rs. 2500/-

Students (Other than COEP): Rs. 1000/-

Students (COEP) : NIL

The participation fee includes the workshop kit, tea, snacks and working lunch on all days.

Fees can be paid in Cash or through D.D. in favour of “Director, College of Engineering Pune”, payable at Pune or through NEFT to the following account:

**Account Number:** 11099464977

**Account Name :** Director, College of Engineering, Pune

**Bank and Branch:** State Bank of India, College of Engineering Pune

**IFSC Code:** SBIN0010431

## VENUE

### Venue:

Computational Mechanics Lab, Applied Mechanics Division,

Civil Engineering Department, College of Engineering, Pune