

TEQIP-III Sponsored Workshop on ONE WEEK ADVANCE TRAINING PROGRAM ON DYNAMIC AND VIBRATION ANALYSIS OF ENGINEERING SYSTEM USING ANSYS

13th Jan 2021 to 17th Jan 2021

Under Internal Quality Assurance Cell - Jointly Organized by



Bhartiya Vidya Bhavan's
**Sardar Patel College of
Engineering**
Bhavan's Campus Mumbai,
400058



Rewa College of Engineering
University Road, Rewa, MP,
486002

Learning Objectives

To enhance the knowledge of the students about the types of Dynamic and Vibration Analysis available in the ANSYS and the procedures used to perform those analysis.

Outcomes

Students can perform the dynamic and vibration simulation/analysis by using ANSYS Software.

Program Outline

Day 1 13 th Jan 2021	9 am to 11 am	Module 1	Introduction to FEA
	1 pm to 3 pm	Module 1	Introduction to ANSYS
Day2 14 th Jan 2021	10 am to 12 pm	Module 2	Damping
	2 pm to 4 pm	Module 3	Modal Analysis
Day 3 15 th Jan 2021	10 am to 12 pm	Module 4	Cyclic Symmetry
	2 pm to 4 pm	Module 5	Linear Perturbation
Day 4 16 th Jan 2021	10 am to 12 pm	Module 6	Harmonics
	2 pm to 4 pm	Module 6	Harmonics
Day 5 17 th Jan 2021	9 am to 10.30am	Module 7	Response Spectrum
	10.30 am to 12 pm	Module 8	Random Vibration

Trainers

**Professional Speakers from
ELITE Consulting Engineers**



Workshop Coordinators

Dr. Santosh B. Rane
Dean Academics,
SPCE, Mumbai

Dr. Kiran T. Bhole
Dean R&D,
SPCE, Mumbai

Registration Link

<https://forms.gle/S1Wry5LZnW4Cu2ah7>

Contact- Mr. Mrunal Mahant (9421540234)
Miss. Shivani Aware (8623883668)

Who Should Attend- Faculty and Students of SPCE, Mumbai and College of Engineering REWA, Participants should have computer with ANSYS installed in the system.

****The organizer preserve participation selection rights.**