

### BHARATI VIDYAPEETH'S **COLLEGE OF ENGINEERING, KOLHAPUR**

Accredited by NAAC With 'A' Grade Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur Near Chitranagari, Kolhapur - 416013 (MS)

DTE INSTITUTE CODE: EN-6288

Tel.No.: (0231) 2638893, 2638894, Fax: 2636050

**FOUNDER CHANCELLOR** 

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

Web: http://coekolhapur.bharatividyapeeth.edu E- mail: coekolhapur@bharatividyapeeth.edu

PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

## **NAAC SSR CYCLE-2**



| Criterion 1              | Curricular Aspects   |
|--------------------------|----------------------|
| <b>Key Indicator 1.2</b> | Academic Flexibility |

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs and also completed online MOOC programs like SWAYAM, NPTEL etc. as against the total number of students during the last five years



## BHARATI VIDYAPEETH'S COLLEGE OFENGINEERING KOLHAPUR

### DEPARTMENT OF CIVILENGINEERING

# Add-on Course "Basic Aspects of ETABS

### software"

### Course Objectives:

The course aims to offer comprehensive knowledge on the ETABS software and its applications. The course will help the students to acquire in-depth details about the different procedures and simplified analysis aspects of the design models. The certification converts a candidate into an expert that is ready to work in the civil design industry.

#### Course Outcome:

On successful completion of the course, the students should be able to:

- Understand the main features of the ETAB software to enabletheir usage in the CivilEngineering Field.
- Implement application of ETAB software in analysis and design of RCCbuilding.

#### > Prerequisite:

ETABS is the software being used in the CAD industry by the civil engineers to analyze and design the program developed especially for building systems. The candidates should have completed civil engineering study specially structural mechanics, structural analysis and structural design.

#### Overview of the Course:

E-Tabs is a refined and advantageous unique examination and configuration project matured particularly to build frameworks. With its coordinated framework and the capacity to handle the biggest and most complex building models arrangement, it guarantees: Powerful CAD- like drawing devices in a graphical and object-based interface. Increased profitability of basic architects in the building business. Significant investment funds in time and effectiveness overuniversallyuseful programs.

## COURSE CONTENTS

#### **COURSE CODE: CIV202101**

| Session | CONTENTS                                      | Hours |
|---------|---|-------|
| 1       | Chapter 1 Model creation and result reporting | 03    |
| 2       | Chapter 2 Push-over analysis                  | 04    |
| 3       | Chapter 3 Response Spectrum Analysis          | 04    |
| 4       | Chapter 4 Response History Analysis           | 05    |
| 5       | Chapter 5 Concrete Frame Design and Detailing | 05    |
| 6       | Chapter 6 Steel frame Design and Detailing    | 06    |
| 7       | Chapter 7 Working with Composite Beam         | 04    |
| 8       | Chapter 8 Dynamic Analysis                    | 04    |

### **Hardware Requirement:**

- Desktop PC/Laptop with ETABS Software.
- Internet Connection to installation of toolbox
- LCD Projector with screen

### **Resource Person:**

- 1. Mr.M.M.More.
- 2. Mr.N.A.Mohite.

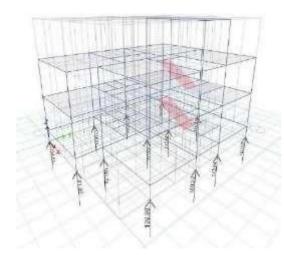
Mr.N.A.Mohite/ Mr. M.M.More

Course Coordinator Prof. Kadam V.S.

Dr. V.R.Ghorpade

**HOD Civil Dept** 

**PRINCIPAL** 









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Duck V.C. Vodov



Mr.N.A.Mohite/ Mr. M.M.More Course Coordinator

**Prof.V.S.Kadam** H.O.D. Dept

**Dr.V.R.Ghorpade**Principal



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PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

Date: 25/01/2021

### **Thanking Letter**

To

**FOUNDER & CHANCELLOR** 

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

Mr.N.A.Mohite.

**Assistant Professor** 

Department of Civil Engineering

B.V.C.O. Kolhapur

Dear Sir/Madam,

On behalf of our Civil Engineering Department, Bharati Vidyapeeth college of Engineering, Kolhapur .We would like to express our gratitude to you for the talk On "Add-on Course "BASIC ASPECT OF ETABS SOFTWAE"

I thank you from the bottom of my heart for taking time from your busy schedule to be the expert recourse person for Add-on Course.. Everyone present for course was not only in awe of your knowledge, but also greatly impressed by your presenting style. It would be our immense pleasure to invite you once more to spread awareness around the subject in the near future.

I look forward to our next interaction soon. Wish you great health and success with all your future endeavors.

Thanking you!

HOD

Dr. V. R. Ghorpade

V.S. Kadam

(Civil Engineering Department)

**Principal** 



## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

FOUNDER & CHANCELLOR
Dr. Patangrao Kadam

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PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

Date: 18/1/2021

To.

Mr.N.A.Mohite.

**Assistant Professor** 

Department of Civil Engineering

B.V.C.O. Kolhapur

Subject: To Conduct a course BASIC ASPECT OF ETABS SOFTWAE"

On behalf of Civil Engineering Department, Bharati Vidyapeeth college of Engineering, Kolhapur, Im writing to you. We want to arrange An Add-On Course to Our Students. Basic aspect of Etabs software

We'd love to meet you and hear more about basic aspect of Etabs software We think that if you give your valuable knowledge about Auto Cad to our students of our Department, It will be helpful to them for their future.

So we request you to kindly accept the invitation for conducting a course ofbasic aspect of Etabs softwae

Thanking You,

HOD

Dr. V. R. Ghorpade

V.S. Kadam

**Principal** 

(Civil Engineering Department)



## BHARATI VIDYAPEETH'S

## COLLEGE OF ENGINEERING, KOLHAPUR

DEPARTMENT : \_\_\_\_

## THEORY ATTENDANCE SHEET. Worlding

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# BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

DEPARTMENT:

### THEORY ATTENDANCE SHEET

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