

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

FOUNDER CHANCELLOR Dr. Patangrao Kadam M.A., LL. B., Ph. D.

am DTE INSTITUTE CODE : EN-6288 [ Tel.No.: (0231) 2638893, 2638894, Fax : 2636050 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
Key Indicator 1.2	Academic Flexibility
1.2.1 Number of Add on /Certificate/Value	ue added programs offered and online MOOC programs like

SWAYAM, NPTEL etc. where the students of the institution have benefitted 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.More.
- 2. Mr.N.A.Mohite.

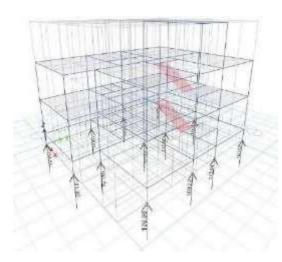
Mr.N.A.Mohite/ Mr. M.M.More Course Coordinator

Prof. Kadam V.S.

Dr. V.R.Ghorpade

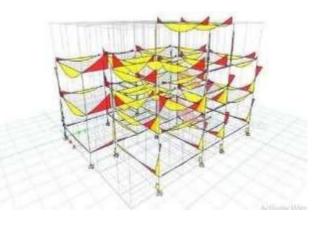
HOD Civil Dept

PRINCIPAL











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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 Dr. Patangrao Kadam
 Near Chitranagari, Kolhapur - 416013 (MS)
 Dr. Vijay Ghorpade

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 E- mail : coekolhapur@bharatividyapeeth.edu

Date : 25/01/2021

## **Thanking Letter**

То

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

V.S. Kadam

Dr. V. R. Ghorpade Principal

(Civil Engineering Department)



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

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

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

V.S. Kadam

(Civil Engineering Department)

Dr. V. R. Ghorpade Principal



DEPARTMENT :

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# BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR DEPARTMENT : \_\_\_\_\_

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