

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



- Organizing Department: Civil Engineering.
- Name of Activity : Hands on Training on Auto-CAD
- Name of Coordinator: Mr. V.B Patil
- Name of Resource Person : Mr. Vikramsinh Tiware
- Date of Activity: 17<sup>th</sup> May 2022 to 23<sup>rd</sup> May 2022
- **Participant :** Second year & Third Year Civil Students(100)
- Details of Activity:

**AUTO-CAD** is used to refer **CAD** which is any type of computer aided design/drafting. Basically AUTO-CAD is the name of the software which is develop by the company named **Autodesk**. AutoCAD is used by Architecture, Engineer, and Construction to generate and optimize 2D and 3D designs. AutoCAD is a widely used software program that can help the students to draft construction documentation, explore design ideas, visualize concepts through photorealistic renderings, and simulate how a design performs in the real world. A good knowledge of **AUTO-CAD** will help the students to improve the ideas of designing and planning which will help them in future.

• **Outcome of Activity :** To create awareness of AUTO-CAD software among the students. Auto-CAD is a versatile tools and <u>students</u> make it one of one of the most valuable tool for learning and implementation purpose.

## • Photo:





Social Transformation Through Dynamic Education

## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR DEPARTMENT OF CIVIL ENGINEERING Add on Course "Auto-CAD"

#### **COURSE OBJECTIVES**

The primary objective of this courseware is to teach the student the basic commands necessary for professional 2D drawing, design, and drafting using AutoCAD. Upon completion of the course, the student will:

- Become familiar with the AutoCAD user interface.
- Understand the fundamental concepts and features of AutoCAD.
- Use the precision drafting tools in AutoCAD to develop accurate technical drawings.
- Present drawings in a detailed and visually impressive manner.
- Develop a level of comfort and confidence with AutoCAD through hands-on experience.

#### **COURSE OUTCOME**

This courseware is designed for the new AutoCAD® user who requires comprehensive training in AutoCAD. It incorporates the features, commands, and techniques for creating, editing, and printing drawings with AutoCAD LT. Hands-on exercises throughout the courseware explore how to create 2D production drawings.

## COURSE CONTENTS

#### **COURSE CODE: CIV212201**

Session	CONTENTS	Hours
1	Introduction to Autodesk AutoCAD	02
2	Organizing Your Drawing with Layers	03
3	Basic Drawing & Editing Commands	02
4	Advanced Object Types	03
5	Projects - Creating a Simple Drawing	02
6	Analyzing Model and Object Properties	03
7	Projects - Creating a Simple Drawing	03
8	Analyzing Model and Object Properties	04
9	Drawing Precision in AutoCAD	04

## Hardware Requirement:

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

#### **Resource Person:**

**1.** Mr. Vikramsinh Tiware.

Mr. Patil V.B

A.

Dr. V.R.Ghorpade

Coordinator

HOD Civil Dept

Prof. Kadam V.S.

PRINCIPAL





Mr. Patil V.B

Coordinator

Prof. Kadam V.S.

Dr. V.R.Ghorpade

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Date: 23/05/2022

### **Thanking Letter**

То

Mr.Vikramsinh Tiware

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 "Hands on Training on Auto-CAD".

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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Date: 12/5/2022

To,

Mr.Vikramsinh Tiware

Assistant Professor

Department of Civil Engineering

B.V.C.O. Kolhapur

Subject : To Conduct a course "Hands on Training on Auto-CAD"

On behalf of Civil Engineering Department, Bharati Vidyapeeth college of Engineering, Kolhapur, I'm writing to you. We want to arrange An Add-On Course to Our Students . **on Hands on Training on Auto-CAD** We'd love to meet you and hear more about **Auto Cad 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 on Auto cad.

Thanking You

HOD

V.S. Kadam

Dr. V. R. Ghorpade Principal

(Civil Engineering Department)



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