

G H Patel College of Engineering & Technology, V. V. Nagar

Department of Civil Engineering

Report on

Three days online "Workshop on AutoCAD" from 9th July to 11th July (Time 3:30 pm onwards)

The Department of Civil Engineering at G H Patel College of Engineering & Technology (A Constituent College of CVM University), Vallabh Vidyanagar has organized Three days online "Workshop on AutoCAD" from 9th to 11th July, 2020 (Time 3:30 pm onwards)

Details of the online workshop:

Date: 9th, 10th and 11th July, 2020

Speaker: Mr. Kushal Shah (Cad Engineer, khodiyar CAD center (I) Pvt. Ltd. VVN branch)

Time: 03:30 pm (IST)

Topic: AutoCAD

Total of 80 participants (Students, Faculties) have participated for the online workshop.

AIM:

The main aim of the expert talk was to understand basics of how to learn the software to do 2D and 3D modelling/drafting in AutoCAD.

About the Speaker:

Mr. Kushal Shah (Cad Engineer, khodiyar CAD center (I) Pvt. Ltd. VVN branch) has vast practice and knowledge in the various software like AutoCAD, Revit Architecture, Revit Structure, Sketch up, V-Ray etc.

About the Talk:

The webinar series started with greeting to all the participants and sharing information about the department and showing glimpse of CVM University by Anand Darji, *Assistant Professor, Civil Engineering Department* and *Coordinator* of the online workshop. Then Dr. Khadeeja Priyan, *HOD, Civil Engineering Department* and *Convenor* of the online workshop have introduced the speaker.

Mr. Kushal Shah started his session with the introduction of the software called AutoCAD. He told how to download the AutoCAD student license version for one year from Autodesk Education. Then he started Autocad Software in his computer and talked about very basic thing like Layout, multiple views, model, print process, section plane, material, lighting, rendering and

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pdf to publish. Then he started teaching AutoCAD 2D. In that he talked about drafting, quick access bar, navigation bar, command line, UCS icon, user coordinator system, work space. Then he uses the command like line, circle, rectangular, chamfer, copy, move, rotate, dimension array. He also talked about the various advantages of AutoCAD over hand drawing. Then he talked about AutoCAD 3D. in that he started with the theory of 3D and then basics of AutoCAD 3D modeling. He showed how to switching the workspace. He demonstrate how to see the views from view cube.

Mr. Kushal Shah develop plan in AutoCAD one residential building and justified that how we can save time with grate accuracy with the help of drafting software.

All the session are brain storming for all students and other participants. From this webinar series, participants got the information and training about AutoCAD 2D and 3D.