



MOTHER TERESA

INSTITUTE OF SCIENCE AND TECHNOLOGY

Approved by AICTE, Govt. of Telangana , Affiliated to JNTUH & SBTET, Hyderabad
Recognition under Section 2(f) & 12 (B) of the UGC Act, 1956
SANKETIKA NAGAR, KOTHURU (V), SATHUPALLY – 507303, KHAMMAM Dist., TELANGANA
Phone : 9494641251, Email ID : info@mistech.ac.in



DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR: 2018-19

A SUMMARY REPORT

Course Name: A one week workshop on “AUTO CAD PROFESSIONAL LEVEL”

Name of the Resource Person: Mr.V. Bhaskar Rao, Design Labs, Hyderabad.

Gap Identified: Modern Tool Usage of AUTO CAD.

No. of Students attended: 25 members

Summary: On the workshop overall session (i.e 10-09-2018 to 17-09-2018.) Mr.V. Bhaskar Rao, Design Labs, Hyderabad. delivered a lecture on the basics of Introduction to the course to AutoCAD allows the designer to use and manage it on multiple machines using network licensing. Being an easily available program, AutoCAD is used globally by students, teachers, architects, freelancers, engineers, fashion designers. Like other CAD programs, AutoCAD also works on a database of geometric systems, including points, lines, arcs, etc. The user works on the application through the commands; editing or drawing is done from the inbuilt command line. AutoCAD is issued free of cost to students, educators, and institutions.

AutoCAD is globally used by surveyors, designers, engineers, drafters. Globally, AutoCAD has proven as an efficient and user-friendly program. Commercial drafting and computer-aided design(CAD) software applications are AutoCAD. AutoCAD software is recognized internationally for its remarkable editing capabilities, which make it likely to digitally draw building plans or recreate 3D images. This software was developed in the year 1982 by Autodesk.

AutoCAD is computer-aided design (CAD) software that is used for precise 2D and 3D drafting, design, and modeling with solids, surfaces, mesh objects, documentation features, and more. It includes features to automate tasks and increase productivity such as comparing drawings, counting, adding objects, and creating tables. It also comes with seven industry-specific toolsets for electrical design, plant design, architecture layout drawings, mechanical design, 3D mapping, adding scanned images, and converting raster images.

AutoCAD enables users to create, edit, and annotate drawings via desktop, web, and mobile devices. AutoCAD is used by students, architects, designers, engineers, project managers, real estate developers, and construction professionals to create precise 2D and 3D drawings.

AutoCAD LT is powerful 2D CAD software used for precision drafting and documentation. AutoCAD includes all the features of AutoCAD LT, plus additional features to benefit productivity such as 3D modeling and automation of repetitive processes. AutoCAD also lets you customize the user interface with APIs and add-on apps. With AutoCAD, users are able work more efficiently with seven industry-specific toolsets to enhance automation and productivity for tasks in architecture, mechanical design, electrical design, plant design, plumbing, converting raster images, geographic information systems, and 3D mapping.

