



GOVERNMENT POLYTECHNIC VALSAD  
MECHANICAL DEPARTMENT



JANUARY: 2021

WEBINAR ON SOLID WORKS

Department of Mechanical, Government Polytechnic Valsad organized an Webinar on the topic of “Solid Works” by Mr. Kaushik Patel, CADD Center

Valsad On 25<sup>th</sup> January 2021. They Introduced CAD or computer-aided design and drafting (CADD), is technology for design and technical documentation, which replaces manual drafting with an automated process. CAD software refers to a type of software program used by designers and engineers to create two-dimensional and three-dimensional models of physical components. They introduced the basic concept and main features of Autocad and Solidworks software. A two dimensional (2D) CAD models are flat, two-dimensional drawings that provide overall dimensions, layouts, and information needed to reproduce or build the subject. A three-dimensional (3D) CAD model provides greater detail about the individual components and assemblies of a physical object. They demonstrate the various autocad 2D commands by drawing mechanical components and demonstrate the assembly drawing and solid models in solidworks. At the end of this practice students are able draw 2D drawing and are able to know the different aspects of assembly drawing and solid modelling. This lecture will give motivation to students to understand the CAD software and will provide a platform to students to become design engineer.

*Mechanical Department*

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