



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE GWALIOR

Department of Mechanical Engineering

REPORT OF SKILL BASED MINI PROJECT

Design of Machine Elements (120412)

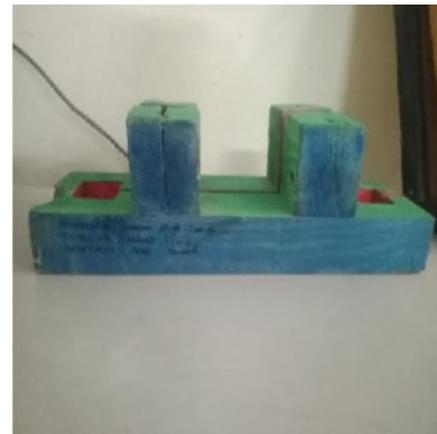
Title of Project:- MODEL OF SECTIONAL VIEW

Introduction:

The sectional view represents the part of an object remaining after a portion is assumed to have been cut and removed. The exposed cut surface is then indicated by section lines. Hidden features behind the cutting plane are omitted, unless required for dimensioning or for definition of the part.

Description of Model

A sectional view or a section takes a look inside an object. Sections are used to clarify the interior construction of a part that cannot be clearly described via hidden lines in exterior views



Applications of Model

For mechanical drawings section views are used to reveal interior features of an object when hidden lines cannot properly represent them, a primary reason for creating a section view is the elimination of hidden lines.

What I Learned Through Project:

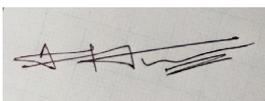
I learned from this project how visualize the part of an object remaining after a portion is assumed to have been cut and removed. The exposed cut surface is then indicated by section lines.

Submitted By

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