MACHINE DESIGN **AND CAD-II LAB (ME-315L)**

Pre-requisite: None
Credit Hours: 01
Contact Hours: 48

RECOMMENDED BOOK(S)

Related CAD software users guide

COURSE OBJECTIVES

Understanding of fundamentals of assembly modeling, drawing generation and FEM analysis of machine component using Modelling software.

S. No.	CLO/PLOS MAPPING	DOMAIN	PLO
1	**Practice** their ability to design a system, component, or process to meet desired needs	P3	05
2	**Demonstrate** their ability to use existing new computer-based software's for Assembly, Drawing and Analysis of mechanical components	P4	05

COURSE CONTENTS

Assembly modelling and generation of engineering drawings using related CAD software. Use of Finite Element Analysis software to solve related engineering problems.