



DEMAND

PAVIATH INTEGRATED SOLUTION

ENGG SPECIALIZED

MECHANICAL

MACHINE ASSEMBLY DRAWING

Paviath ONLINE

◆ SYLLABUS PROGRAM ◆ MACHINE ASSEMBLY DRAWING ◆ SPECIALIZED BRANCH

COURSE OUTCOME

UPON COMPLETION OF THIS COURSE, THE STUDENTS CAN ABLE TO APPLY THE DRAWING TOOLS TO SHOW THE ASSEMBLY VIEW OF THE COMPONENT AND MARK SUITABLE UNITS, FIT TOLERANCE DATA

COURSE CONTENTS

UNIT I INTRODUCTION.  
UNIT II ASSEMBLY CONCEPTS.  
UNIT III FITS AND TOLERANCES.  
UNIT IV ASSEMBLY DRAWING PRACTICE.  
UNIT V ASSEMBLY USING SOLID MODELING

COURSE OBJECTIVE

USE OF DRAWING TOOLS TO SHOW THE ASSEMBLY VIEW OF THE COMPONENT AND MARK SUITABLE UNITS, FIT TOLERANCE DATA

REFERENCE BOOKS

1. GOPALAKRISHNA K.R. "MACHINE DRAWING", SEVENTEENTH EDITION, SUBHAS STORES, BANGALORE, 2003.
2. CAD/CAM MANUAL, PSG COLLEGE OF TECHNOLOGY, COIMBATORE, 2002.
1. VARGHESE P.I AND JOHN K.C. "MACHINE DRAWING", JOVAST PUBLISHERS, THRISSUR, 2007.
2. SP-46-2003 - "ENGINEERING DRAWING PRACTICE FOR SCHOOLS AND COLLEGES", BUREAU OF INDIAN STANDARDS, NEW DELHI, 2003.
3. FACULTY OF MECHANICAL ENGINEERING, PSG COLLEGE OF TECHNOLOGY, "DESIGN DATA BOOK", M/S.DPV PRINTERS, COIMBATORE, 1993.
4. ASME Y 14.5M-1994, "DIMENSIONING AND TOLERANCING", ASME, NEW YORK, 1995.

COURSE SOFTWARE

- ◆ APM WINMACHINE (MULTIPHYSICS)
- ◆ KOMPAS 2D/3D/PDM/BOM
- ◆ VARICAD 2D/3D/PDM/BOM
- ◆ UNIVERSAL MECHANISM(MBD).
- ◆ SAM (MECHANISM DESIGN)
- ◆ SALTIRE SOFTWARE
- ◆ DOCUMENTATION & PRINTING

APM WINMACHINE

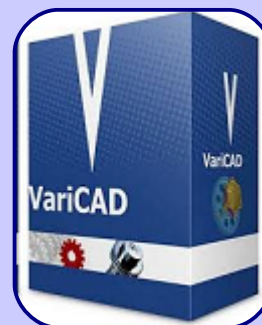
APM CAM/APM PLAIN/APM SCREW/APM STRUCTURE3D/APM DYNAMICS/APM BEAM/APM GRAPH/APM STUDIO  
APM DRIVE/APM TRANS/APM SHAFT/APM BEAR/APM JOINT/APM SPRING/APM BASE/APM MECHANICAL DATA/APM MATERIAL DATA/APM SECTION DATA/APM CONSTRUCTION DATA/APM BOOK



APM WINMACHINE



KOMPAS 3D



VARICAD

PRODUCTION ENGG	MECH & AUTOMATION ENGG	MECH ENGG (SANDWICH)	ROBOTICS AND AUTOMATION	MECHATRONICS ENGG
		MACHINE ASSEMBLY DRAWING		
		SEMESTER - III		
		MS6302		
DESCRIPTION	ONLINE	TRAINING CENTRE	WEBINAR	REMARKS
MACHINE ASSEMBLY DRAWING	REGISTRATION	DOCUMENTS	COUNSELLING	OWN LAPTOP
ONLINE	2/UNIT TRAINING	4/UNIT ASSIGNMENT	2/UNIT ASSIGNED	SCHEDULE
PRESENTATION	WEBINAR	NETWORK	PRESENTATION	2/UNIT ASSIGNED
PERIOD	2 HRS/1/UNIT IN SEQUENCE	NETWORKING/HRS*	PRESENTATION	* BROWSING FEE
PRICE (SEMESTER)	BY MAIL	* BROWSING FEE	NO COST	CERTIFICATE

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