ISO/GOST/EN/DIN | SEMESTER UNITS | REFERENCE BOOKS
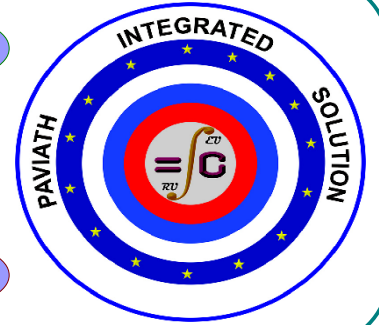
POLYTECH – AICTE - UNIVERSITY | INTERNSHIP CAREER

INTEGRATED SOLUTION PAVIATH

MECHANISM | MACHINE ELEMENT | STRUCTURAL

PAVIATH CAREER INTERNSHIP

CAREER ORIENTATION SEQUENCE ON TRAINING

DEGREE/DIPLOMA*

CAREER
◆ INSTITUTION/INDUSTRY
◆ APPLICATION AREA & INDUSTRY
◆ DEPARTMENT CHOICE I/CHOICE II
◆ ENTREPRENEUR (Application Area)

COUNSELLING – SYLLABUS TRAINING
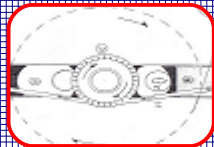INTERN NEDIA – INSTITUTION VISIT
INDUSTRY VISIT – INTERN PROJECT

PROJECT
◆ CAREER AREA/APPLICATION INDUSTRY
◆ PRODUCT DEVELOPMENT
◆ REVERSE ENGINEERING
◆ OEM DEVELOPMENT DESIGN & ANALYSIS

CONCEPT DESIGN

LITERATURE DATA
ENCYLOPEDIA
PRODUCT DATA
PRODUCT SPECN
SYSTEM LAYOUT
PART SPECN.
APPLN AREA
ISO/DIN/GOST
MATERIAL DATA
TECH.PAPER
REF. BOOKS

REVERSE ENGG.

LITERATURE DATA
ENCYLOPEDIA
PRODUCT DATA
PRODUCT SPECN
SYSTEM LAYOUT
PART SPECN.
APPLN AREA
ISO/DIN/GOST
MATERIAL DATA
TECH.PAPER
REF. BOOKS

PRODUCT DESIGN

LITERATURE DATA
ENCYLOPEDIA
PRODUCT DATA
PRODUCT SPECN
SYSTEM LAYOUT
PART SPECN.
APPLN AREA
ISO/DIN/GOST
MATERIAL DATA
TECH.PAPER
REF. BOOKS

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

SAM (SYNTHESIS ANALYSIS MECHANISM)
GENERAL/DESIGN WIZARDS/MODELLING/INPUT MOTION/CAD INTERFACE
ANALYSIS/RESULTS/POST-PROCESSING/OPTIMIZATION/TUTORIALS
SALTIRE SOFTWARE
SALTIRE KNOWLEDGE BASE/MATHS ILLUSTRATION/GEOMETRY
EXPRESSIONS/MECHANICAL EXPRESSIONS/ANALYTIS CAM
3D PRINTING – ATLAS OF FOUR BAR LINKAGE

LIVE WEBINAR TRAINING

Online learning

CAREER – INTERNSHIP
DOCUMENTATION & CERTIFICATE
INTERNSHIP DATA/FEATURES
LITERATURE/ENCYLOPEDIA
CONCEPTUAL DATA/ANALYSIS DATA
MECHANISM/MACHINE ELEMENTS

YOUTUBE & WEBINAR
UNIVERSITY – ENGG COLLEGE
POLYTECH – RESEARCH ORGN

HEAVY - MEDIUM INDUSTRY
SMALL INDUSTRY - PROFESSIONAL

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ONLINE INTERNSHIP