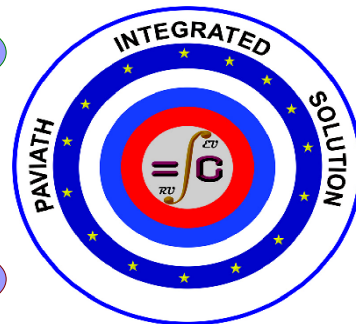


ISO/GOST/EN/DIN

SEMESTER UNITS

REFERENCE BOOKS



POLYTECH - AICTE - UNIVERSITY

INTERNSHIP DESIGN

MECHANISM

MACHINE ELEMENT

STRUCTURAL

PAVIATH DESIGN INTERNSHIP

MECHANISM
APPLICATION INDUSTRIES

DEGREE/DIPLOMA*

INDUSTRY (TEXTILE/MEDIUM)

- ◆ RAW MATERIAL (COTTON/SYNTHETIC)
- ◆ CORDING/SPINNING/TWISTING
- ◆ WARPING/REEDING/WEAVING
- ◆ EMBROIDING/GARMENT DESIGN

SMALL/MEDIUM/HEAVY INDUSTRIES
PROCESS-RAW MATERIAL TO FINAL
PROCESS MACHINERIES

APPLICATION MACHINES

- ◆ CORDING/SPINNING UNIT
- ◆ TWISTING UNIT/WARPING UNIT
- ◆ RAPIER/SHUTTLE/AIRJET/WATERJET
- ◆ EMBROIDING M/C/GARMENT UNIT

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

MECHANISM - MACHINES - EQUIPMENTS

AGRICULTURE INDUSTRIES/AUTOMATION INDUSTRIES
CONSTRUCTION INDUSTRIES/**TEXTILE INDUSTRIES**
GARMENT INDUSTRIES/MACHINE BUILDING INDUSTRIES
BULK HANDLING INDUSTRIES/MINERAL PROCESSING INDUSTRIES
AUTOMOBILE INDUSTRIES/DEM INDUSTRIES
PRINTING INDUSTRIES/PACKAGING INDUSTRIES
PLASTIC INDUSTRIES/RUBBER INDUSTRIES
TESTING MACHINE INDUSTRIES/SPACE INDUSTRIES
MARINE/SHIP BUILDING INDUSTRIES

TYPE	SMALL/MEDIUM/HEAVY
APPLN AREA	-----
RAW MATERIALS	-----
FINAL PRODUCT	-----

NATURE	PRODUCT/DEM/SERVICE
R.M FORM	STD/FAB/CAST/FORG
MECHANISM TYPE	REFERENCE BOOKS
PROPERTIES	STAGE VS MECH VS PHYS

LISTING	PROCESS MACHINES
PARAMETER	DESIGN/STRUCTURE
DESIGN SEQUENCE	CONCEPT TO FINAL
SOFTWARE	CAI/CAE/MBD



BOOKS
KONSTRUKTIVEGETRIEBELEHRE
NEIL SCLATER/WILEY/DMAGL
I. I. ARTOBOLEVSKY/SAM REFERENCE
MECHANISM DESIGN: ANALYSIS & SYNTHESIS
PLANETENMISCHER MIT DYNAMISCH
GETRIEBENEN MISCHARMEN

YOUTUBE & WEBINAR
UNIVERSITY - ENGG COLLEGE
POLYTECH - RESEARCH ORGN

HEAVY - MEDIUM INDUSTRY
SMALL INDUSTRY - PROFESSIONAL

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