



PAVIATH INTEGRATED SOLUTION



SYLLABUS BY
IND. PROFESSIONAL

CAREER PROJECT ENGG

CIVIL & MECHANICAL ENGG

ALLIED & APPLICATION ENGG

ACADEMIC INPUT
→
INDUSTRY OUTPUT

ENGG PROJECTS

FEATURE & APP.

SOFTWARE TOOLS

TECHNICAL DATA

EQUATING
LEVELS

ISO/DIN/GO
ST/BIS
STANDARD

ENCYCLOPEDIA

TEXT BOOKS
TEST PAPERS

APTITUDE
EMPOWERING

PROJECT
AIM OBJECTIVE
PROJECT GUIDE

MECHANICAL ENGG
MECHANICAL ENGG (UNIV)
AUTOMOBILE ENGG
AERONAUTICAL ENGG
MARINE ENGG
AGRICULTURE ENGG
PRODUCTION ENGG
MECHATRONICS ENGG
MECH- AUTOMATION ENGG
MECHANICAL ENGG (S/W)
ROBOTICS AND AUTOMATION

↓ GAP ↓ ACADEMIC VS
INDUSTRY
CONCEPT » BASICS »
DATABASE
PRODUCTS USED
INDUSTRIES
REVERSING « PRODUCT «
SCRAP

PRODUCT SPECIFICATION
KINEMATIC &
KINETOSTATIC FACTORS
ANALYTICAL PARAMETER
OPTIMIZATION PARAMETER
RESEARCH DATA »
PUBLICATION

MECHANISM DESIGN
MULTIPHYSICS
MACHINE ELEMENTS
STRUC. ANALYSIS
MBD DYNAMICS
MECHANICAL CAD
MATHEMATICAL TECH.
CIVIL ENGINEERING
BIM SYSTEM

SAM ARTAS
STC CENTER "APM"
UNIVERSAL MECHANISM
KOMPAS 3D - VARICAD
SALTIRE SOFTWARE
CAD EXCHANGER
RENGA ARCHITECTURE
ARCADIASOFT BIM
APM CIVIL ENGG.

CONCEPT BASED
PROJECT

TECHNICAN

SCIENCE

POLYTECHNIC

ENGINEERING

RESEARCH

INDUSTRY

KB CENTRE

REGISTRATION

PROJECT OUTPUT

CONCEPT TO ANALYSIS

INDUSTRY DB

OUTCOME OF FEATURE

