

# PAVIATH JOB PORTAL

FRESHER PROGRAM-MECHANISM AREA

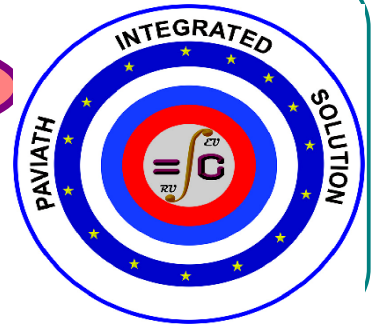
INTERNSHIP

CAREER BASED

ACADEMIC - INDUSTRY

PRODUCT DEV

ENTREPRENEURSHIP



UMEV SRIVATH SOLUTION

1

NORMAL SIX MONTHS/CRASH THREE MONTH

## INTERNSHIP PROGRAM

<http://www.paviathjobportal.com/career-development>

### INDUSTRY AREA

MACHINE BUILDING  
AUTOMOBILE TECHNOLOGY  
AUTOMATION ENGINEERING  
ROBOTICS & APPLICATION  
MATERIAL HANDLING  
PACKAGING ENGINEERING  
MARINE ENGINEERING  
MINING TECHNOLOGY  
APPLICATION INDUSTRIES

### DEPARTMENTS

MACHINE TOOLS AUTOMOBILE  
AUTOMATION  
ROBOTICS  
MATERIAL HANDLING  
PACKAGING  
MARINE  
MINING  
APPLICATION

### INTERNSHIP PROGRAM

SYLLABUS COACHING (4 SUBJECTS >)  
TRAINING BY SYLLABUS COACHING  
YOUTUBE & WEBINAR ONLINE  
DESIGN OF MECHANISM & ELEMENTS  
TRAINING WITH INSTITUTION  
PRODUCT DEVELOPMENT  
REVERSE ENGINEERING  
SERVICE MARKETING WITH INDUSTRIES  
CAI/CAE APPLICATION ON TRAINING  
CAI/CAE APPLICATION ON SERVICES  
PROJECT DOCUMENTATION

ACADEMIC-INDUSTRY

ISO-GOST-EURO

CONCEPTUAL

### INDUSTRY SYLLABUS MARKETING & SERVICES

INDUSTRY PRODUCT/PROCESS AREA ARE REVIVED WITH ACADEMIC SYLLABUS AND APPLICATIONS.  
INDUSTRY PRODUCT/PROCESS AREA SUSTAINED TO PREPARE PART/ASSEMBLY/ANALYSIS/PRODUCT DATA AND APPLICATION.  
INDUSTRY PRODUCT/PROCESS AREA, CUSTOMIZED IN ADVANCED TOOLS @ ISO/DIN/GOST/BIS  
INDUSTRY PRODUCT/PROCESS AREA ARE SUPPORTED IN THE STREAM OF PRODUCT DEVELOPMENT»REVERSE ENGINEERING »»»»◆

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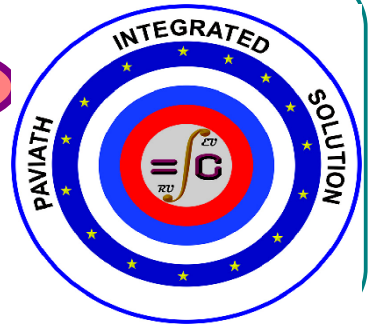
INTERNSHIP

CAREER BASED

ACADEMIC - INDUSTRY

PRODUCT DEV

ENTREPRENEURSHIP



UMEV SRIVATH SOLUTION

2

NORMAL TWO MONTHS/CRASH ONE MONTH

INTERNSHIP PROGRAM

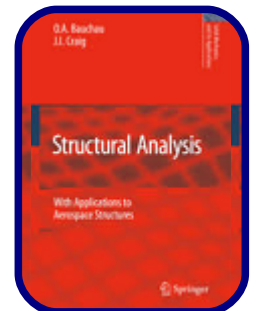
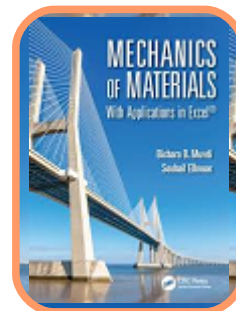
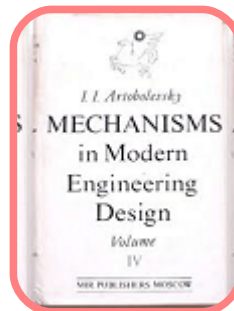
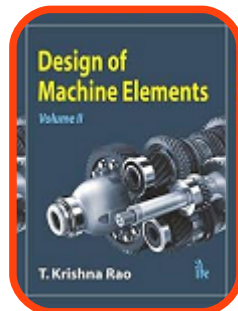
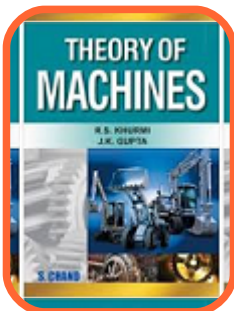
PERIOD 2 MONTHS

SYLLABUS COACHING

DEGREE PROGRAM

SYLLABUS TO INDUSTRY APPLICATION FOUR SUBJECTS

DIPLOMA PROGRAM



ISO-GOST-EURO STANDARD

ACADEMIC-INDUSTRY DB

TEXT DOCUMENTATION

MUTUAL TRAINING

YOU TUBE PRESENTATION

WEBMINAR MEETING

CONCEPTUAL SOFTWARE

APM WINMACHINE (CAE/CAD/PDM) - SAM (MECHANISM DESIGN) - MATHEMATICAL TECHNOLOGY  
SYLLABUS COACHING @ POLYTECHNIC & ENGINEERING COLLEGES

STRENGTH OF MATERIALS - KINEMATICS OF MACHINERY - MECHANICS OF MACHINES - KINEMATICS AND DYNAMICS  
MACHINE COMPONENTS DESIGN - KINEMATICS AND DYNAMICS OF MACHINES - DYNAMICS OF MACHINES

Konstruktivegetriebelehre - Neil Sclater - WILEY - DMAGL - I. I. Artobolevsky - Indigenous Mechanism in Volumes  
by Jones Mechanism Design: Analysis and Synthesis - Planetenmischer mit dynamisch getriebenen Mischarmen

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# PAVIATH JOB PORTAL

FRESHER PROGRAM-MECHANISM AREA

INTERNSHIP

CAREER BASED

ACADEMIC - INDUSTRY

PRODUCT DEV

ENTREPRENEURSHIP



UMEV SRIVATH SOLUTION

3

NORMAL ONE MONTHS/CRASH HALF MONTH

INTERNSHIP PROGRAM

PERIOD 1 MONTHS

FEATURING INDUSTRIES

DEGREE PROGRAM

APPLICATION VS INDUSTRIES VS FEATURE VS SOFTWARE VS CAREER

DIPLOMA PROGRAM

## INDUSTRY AREA

MACHINE BUILDING  
AUTOMOBILE TECHNOLOGY  
AUTOMATION ENGINEERING  
ROBOTICS & APPLICATION  
MATERIAL HANDLING  
PACKAGING ENGINEERING  
MARINE ENGINEERING  
MINING TECHNOLOGY  
APPLICATION INDUSTRIES

## INDUSTRY AREA

MACHINE TOOLS INDUSTRIES  
AUTOMOBILE INDUSTRIES  
AUTOMATION INDUSTRIES  
ROBOTICS INDUSTRIES  
MATERIAL HANDLING  
PACKAGING INDUSTRIES  
MARINE INDUSTRIES  
MINING INDUSTRIES

APPLN-PRODUCT & PROCESS  
INDUSTRIES-INPUT VS OUTPUT  
FEATURE-CHEMICAL & PHYSICAL  
KINEMATICS & KINETOSTATICS  
SOFTWARE FEATURE  
CAREER DEVELOPMENT  
PROGRESSING CAREER

CORRELATING APPLICATION

MULTIPLE SKILLS

CAREER FUTURE

FEATURE SOLUTIONS

CONCEPTUAL SOFTWARE

ADVANCED SKILLS

## CONCEPTUAL SOFTWARE

APM WINMACHINE (CAE/CAD/PDM) - SAM (MECHANISM DESIGN) - MATHEMATICAL TECHNOLOGY  
SYLLABUS COACHING @ POLYTECHNIC & ENGINEERING COLLEGES

PRODUCT DEVELOPMENT - REVERSE ENGINEERING - CONCEPTUAL DESIGN - ANALYTICAL & STRUCTURAL ANALYSIS

PROJECT ORIENTATION - TOPIC - CONCEPTUAL LAYOUT - PROCESS SEQUENCE - APPLICATION SOFTWARE - REPORT

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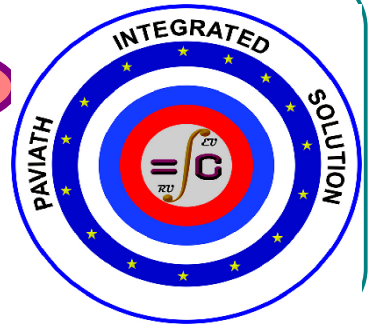
INTERNSHIP

CAREER BASED

ACADEMIC - INDUSTRY

PRODUCT DEV

ENTREPRENEURSHIP



UMEV SRIVATH SOLUTION

4

NORMAL TWO MONTHS/CRASH ONE MONTH

INTERNSHIP PROGRAM

PERIOD 2 MONTHS

DESIGN & ANALYSIS

DEGREE PROGRAM

PRODUCT DEV./REVERSE ENGG./CONCEPT DEVELOPMENT/SOFTWARE

DIPLOMA PROGRAM

COMPUTER AIDED ENGINEERING  
APM WINMACHINE (M/C & ELEMENTS)  
SAM (MECHANISM DESIGN)  
COMPUTER AIDED DESIGN  
VARICAD (2D/3D/BOM/PDM)  
KMPAS 3D (2D/3D/BOM/PDM)  
MATHEMATICS  
MATHS ILLUSTRATION  
GEOMETRIC EXPRESSIONS  
MECHANICAL EXPRESSIONS

DESIGN AREA  
ENCYCLOPEDIA & LITERATURE  
2D ASSEMBLY LAYOUT (PDM)  
KINEMATICS & KINETOSTATICS  
ANALYTICAL ANALYSIS  
FEA STATIC & DYNAMIC ANALYSIS  
OPTIMIZATION BY ANALYSIS  
PROCESS ENGINEERING  
PART & ASSEMBLY DRAWINGS

ON JOB TRAINING  
(INTERNSHIP PROGRAM)  
COLLECTING FROM INDUSTRIES  
PRODUCT DESIGN/REVERSE ENGG  
PART & ASSEMBLY DESIGN  
MECHANISM DESIGN & CHECKING  
STRUCTURAL ANALYSIS  
PROCESS ENGINEERING

SMALL/MEDIUM INDUSTRIES

AS SALES ENGINEER

SERVICE MARKETING

POLYTECHNIC/ENGG COLLEGE

AS SERVICE ENGINEER

KNOWLEDGE MARKETING

SERVICE MARKETING

EXPOSED TO INDUSTRIES/CONFIDENCE ON OUTPUT/LOOK FOR MULTIPLE SKILLS/SUPPORT PROFESSIONAL DEVELOPMENT

CLASSIFICATION OF INDUSTRIES BY FEATURE AND APPLICATION/CONCEPTUAL METHOD TO APPLICATION

SERVICE ENGINEER – KNOWLEDGE UPDATE/SUPPORT HIGHER EDUCATION FROM POLYTECHNIC/ENGINEERING COLLEGES

CAN HANDLE ON CONCEPT FOR ANY APPLICATION BY FEATURE WITH ANY SOFTWARE ON ISO/GOST/DIN/EN STANDARDS

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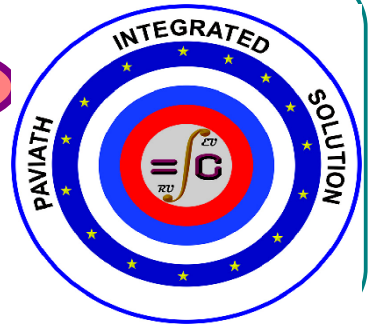
INTERNSHIP

CAREER BASED

ACADEMIC - INDUSTRY

PRODUCT DEV

ENTREPRENEURSHIP



UMEV SRIVATH SOLUTION

5

NORMAL ONE MONTHS/CRASH HALF MONTH

INTERNSHIP PROGRAM

PERIOD 1 MONTHS

CAREER APPLICATION

DEGREE PROGRAM

PROJECT/CAREER APPLICATION/ACADEMIC TO INDUSTRY

DIPLOMA PROGRAM

COMPUTER AIDED ENGINEERING  
APM WINMACHINE (M/C & ELEMENTS)  
SAM (MECHANISM DESIGN)  
COMPUTER AIDED DESIGN  
VARICAD (2D/3D/BOM/PDM)  
KPMAS 3D (2D/3D/BOM/PDM)  
MATHEMATICS  
MATHS ILLUSTRATION  
GEOMETRIC EXPRESSIONS  
MECHANICAL EXPRESSIONS

STRENGTH OF MATERIALS  
KINEMATICS OF MACHINERY  
MECHANICS OF MACHINES  
KINEMATICS AND DYNAMICS  
MACHINE COMPONENTS DESIGN  
KINEMATICS AND DYNAMICS OF M/C  
DYNAMICS OF MACHINES

ENCYCLOPEDIA & LITERATURE  
2D ASSEMBLY LAYOUT (PDM)  
KINEMATICS & KINETOSTATICS  
ANALYTICAL ANALYSIS  
FEA STATIC & DYNAMIC ANALYSIS  
OPTIMIZATION BY ANALYSIS  
PROCESS ENGINEERING  
PART & ASSEMBLY DRAWINGS

SMALL/MEDIUM INDUSTRIES

APPLICATION

SERVICE AREA

POLYTECHNIC/ENGG COLLEGE

ACADEMIC TO INDUSTRY

KNOWLEDGE APPLICATION

DESIGN /PRODUCTION /QUALITY/SERVICE/MAINTENANCE/PRODUCT DEVELOPMENT/ANALYSIS DEPARTMENTS

BASICS/ENCYCLOPEDIA/LITERATURE/RESEARCH DATA/INVENTION REFERENCE/APPLICATION SOFTWARE/INDUSTRIES

INTERNSHIP PROVIDE SOLUTION TO INDUSTRIES WITH FEATURE BASED CONCEPTUAL PROCEDURE FOR PROFESSIONALS

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Mechanical

