

SERVICE - SUPPORT - TRAINING

Knowledge Centre

Mathematical Technology

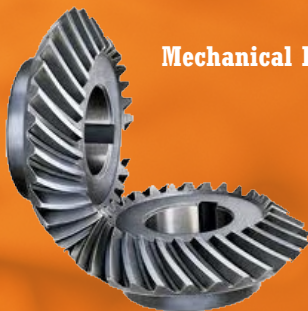
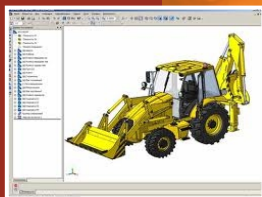
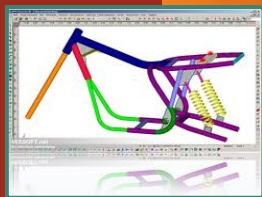
CAI-CAE-CAD-CAM-MBD-CAPP



Equating

Integrated

Solution



Mechanical Engineering



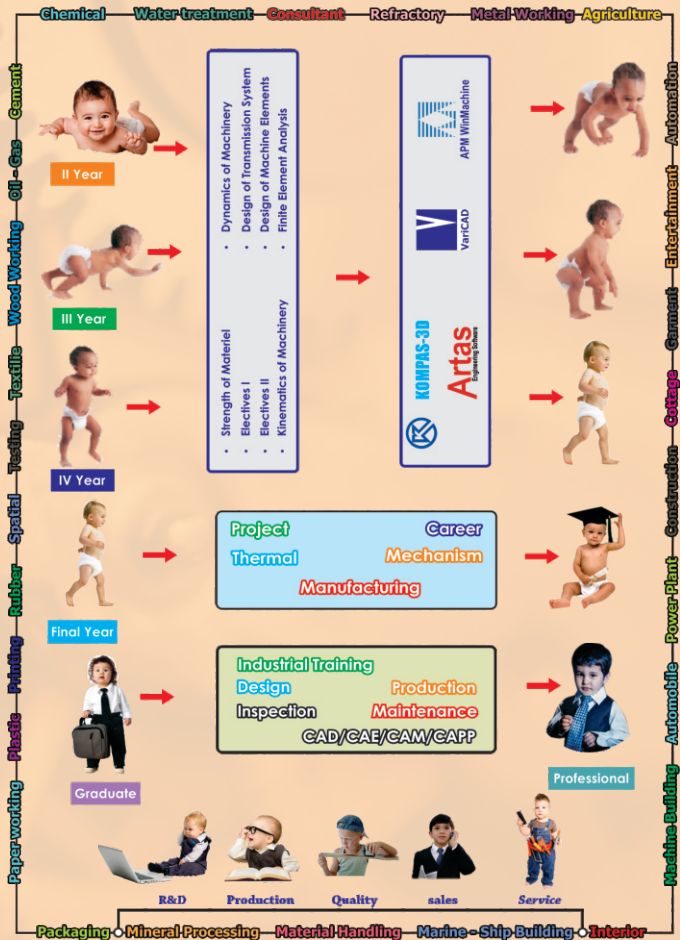
Paviath Integrated solution

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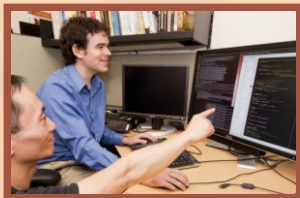
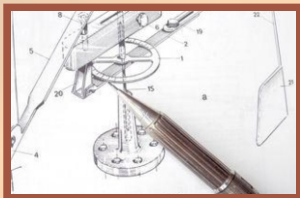
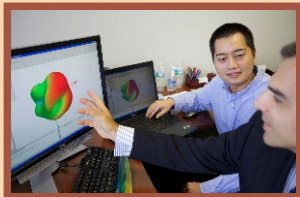
Students Career Development

Mechanical



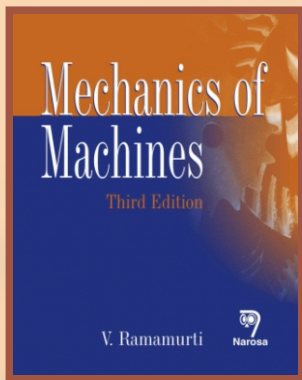
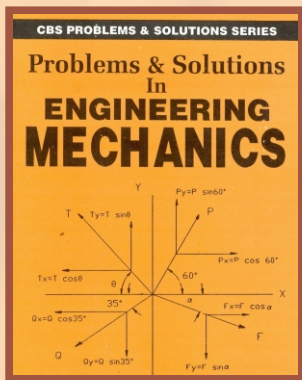
Career Counseling

- Features - Opportunity - Higher Education
- +2 Students Looking for Engineering
- Diploma in Mechanical Engineering
- Degree in Mechanical Engineering
- Post Graduate in Mechanical Engineering



Academic - Application

- Engineering Mechanics
- Strength of Materials
- Machine drawing
- Mechanics of Machines
- Machine Element Design
- Design of Transmission System
- Finite Element Methods



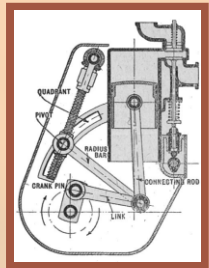
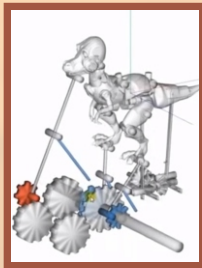
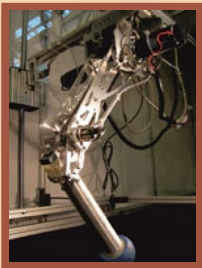
Mini-Final Projects

- Diploma in Mechanical Engineering
- Degree in Mechanical Engineering
- Post graduate in Mechanical Engineering



Research - Application

- Encyclopedic-Technical Data-Analysis Type
- System-Element-Structural Analysis
- Supportive Software Program
- Analysis Data from CAE,CAD,MBD
- Optimization-Analysis Report-Documentation
- Math Illustration Geometry Expressions
- Mechanical Expression
- Mathematical modeling-Maplesim -
Mathematica ---



Product - Process

- Product Development
- Reverse Engineering
- Fault Diagnosis
- CAI-CAD-CAE-CAM-CAPP-MBD Service
- Professional Development



Fault-Diagnosis Applications

Model-based condition monitoring:
Actuators, drives, machinery,
plants, sensors, and
fault-tolerant systems.

Paviath Integrated Solution

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