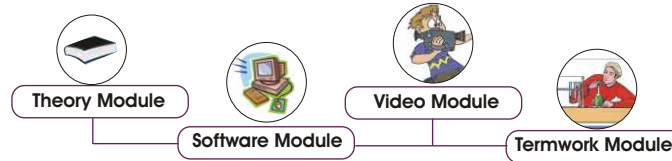


CAM and Automation



Introduces, Global e-Learning System in Education & Training in the form of Learning Resources with Computer Aided Instructions

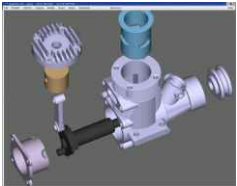


System Requirement:- IBM-PC Compatible Min P-III with Window-OS, 128 MB RAM/Multimedia Kit

Theory module

Features : Theory, Figures, Photographs, Animations with controller, Highlighter tool, Note creation Facility, Systematic page navigation, Printing facility Access to Videos at appropriate locations.

List of Topics



CAM

CMC Part Programming and CAM software

Evolution & Concepts of CIM

Basic system configuration, Flexibility, Industrial Robotics & FMS
Flexible Manufacturing System: Objective & benefits of FMS , Static and Dynamic aspects, FMS Communication software for FMS, FMS control system & Interfaces, Implementing FMS .
Design aspects of FMS,
Requirements & Selection of different system components.



Computerised Process Planning

Approaches, Manufacturing logic
CAPP Implementation
CIM & Factory of Future: Design aspects of CIM nature & Categories of "Factory of the future" Manufacturing cell
Design & Planning for futuristic factory
MAP/ TOP



Manufacturing Audit

Manufacturing Audit & Resource Analysis for developing automated manufacturing techniques & storage system.



Automated Material Handling & Storage System

Types, Analysis & Automated material handling system
Storage system performance, WIP Storage
Interfacing Handling & storage with manufacturing.



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