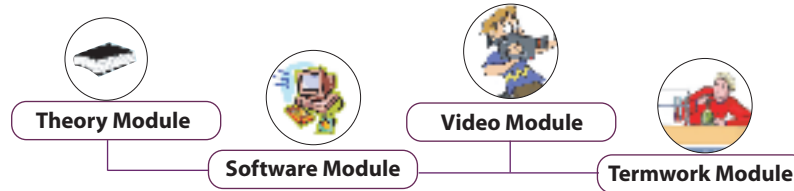


Embedded Systems



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

List of Topics

- ✍ Introduction to Embedded Systems
- ✍ Processor and Memory Organization
- ✍ Devices and Buses for Device Networks
- ✍ Device Drivers and Interrupts Servicing Mechanism
- ✍ Programming Concepts and Embedded Programming in C and C++
- ✍ Program Modelling Concepts in Single and Multiprocessor Systems Software-Development Process
- ✍ Software Engineering Practices in the Embedded Software Development Process
- ✍ Inter-process Communication and Synchronisation of Processes Tasks and Threads
- ✍ Real Time Operating Systems
- ✍ Real Time Operating System Programming Tools : Micro C/OS-II and VxWorks
- ✍ Case Studies of Programming with RTOS
- ✍ Hardware-Software Co-design in an Embedded System

