

GUJARAT TECHNOLOGICAL UNIVERSITY
M.E – Instrumentation and Control Engineering
(Applied Instrumentation)
Semester: II

Subject Name: EMBEDDED SYSTEMS

Sr. No.	Course content
1.	Introduction
2.	Embedded Applications
3.	Models and Tools for Embedded Systems
4.	Introduction to operating system
5.	Introduction to Real Time Systems
6.	Software engg practices
7.	Case study.

NOTE:

The Practical and Term work will be based on the topics covered in the syllabus.

Reference Books:

1. Computer networks by Andrew Tanenbaum 4th Edition, PHI Pvt.Ltd
2. Embedded systems by Rajkamal, TMC New delhi
3. Embedded microcomputer systems, Jonathan Valvano , Brooks/cole Thomson learning materials