

## **Electronics & Telecommunication Dept- Course Contents**

The structure of the course is as per the schedule of examination designed by the Maharashtra State Board of Technical Education (MSBTE) details same are as follows

### **I Semester (I Scheme)**

1. English (22101)
2. Basic Science (22102)
3. Basic Mathematics (22103)
4. Fundamentals Of ICT (22001)
5. Engineering Graphics (22003)
6. Workshop Practice (22006)

### **II Semester (I Scheme)**

1. Applied Mathematics (22201)
2. Elements of Electrical Engineering (22215)
3. Basic Electronics (22216)
4. Electronics Engineering Materials (22217)
5. C Programming Language (22218)
6. Business Communication Using Computers (22209)

### **III Semester (I Scheme)**

1. Digital Techniques (22320)
2. Applied Electronics ( 22329)
3. Electronic Circuits and networks (22330)
4. Electronic Measurements and Instrumentation (22333)
5. Principles of Electronic Communication (22334)

### **IV Semester(I Scheme)**

1. Linear Integrated Circuits(22423)
2. Consumer Electronics(22425)
3. Microcontroller and Applications(22426)
4. Basic Power Electronics (22427)
5. Digital Communication Systems(22428)

### **V Semester(I Scheme)**

1. Environmental Studies (22447)
2. Control Systems and PLC(22531)
3. Embedded Systems(22532)
4. Mobile and Wireless Communication(22533)
5. Industrial Automation (22534)

### **VI Semester(I Scheme)**

1. Enterprenureship Development(22032)
2. Capstone Project- Execution and Report Writing(22060)
3. VLSI with VHDL(22062)
4. Management(22509)
5. Comuter Networking and Data Communication(22634)
6. Emerging Trends in Electronics(22636)
7. Optical Networks and Satellite Communication (22647)