

CERTIFICATION PROGRAMS IN EMBEDDED SYSTEMS IN

WIRELESS & WIRELINE COMMUNICATION PROTOCOLS

Duration : One Month
 Intake capacity : 30
 Eligibility : Diploma / B.E / B.Tech /M.Tech in ECE

| WEEKS | Theory | Practical |
|-------|---|---|
| 1ST | 8051 , PIC, AVR, ARM, ARDUINO, Microcontrollers SERIAL COMMUNICATION IR RFID GSM | 1.PRODUCT VERSIONS 2.PRODUCT SPECIFICATIONS 3.TESTING CIRCUITS < I/P & O/P > 4.INTERFACING MODULES WITH SOFTWARES 5.POWERSUPPLY DESIGN < CMOS & TTL > 6.CODING PART 7.TESTBENCH 8.HANDS ON EXPERIENCE WITH MODULES |
| 2ND | 8051 , PIC, AVR, ARM, ARDUINO, Microcontrollers SPI ISP I2C TWI | 1.PRODUCT VERSIONS 2.PRODUCT SPECIFICATIONS 3.TESTING CIRCUITS < I/P & O/P > 4.INTERFACING MODULES WITH SOFTWARES 5.POWERSUPPLY DESIGN < CMOS & TTL > 6.CODING PART 7.TESTBENCH 8.HANDS ON EXPERIENCE WITH MODULES |
| 3RD | 8051 , PIC, AVR, ARM, ARDUINO, Microcontrollers MODBUS NFC BLUETOOTH | 1.PRODUCT VERSIONS 2.PRODUCT SPECIFICATIONS 3.TESTING CIRCUITS < I/P & O/P > 4.INTERFACING MODULES WITH SOFTWARES 5.POWERSUPPLY DESIGN < CMOS & TTL > 6.CODING PART 7.TESTBENCH 8.HANDS ON EXPERIENCE WITH MODULES |
| 4TH | 8051 , PIC, AVR, ARM, ARDUINO, Microcontrollers LAZER LI-FI ZIGBEE WI-FI GPS | 1.PRODUCT VERSIONS 2.PRODUCT SPECIFICATIONS 3.TESTING CIRCUITS < I/P & O/P > 4.INTERFACING MODULES WITH SOFTWARES 5.POWERSUPPLY DESIGN < CMOS & TTL > 6.CODING PART 7.TESTBENCH 8.HANDS ON EXPERIENCE WITH MODULES |