| BE ELECTRONICS & TELECOMMUNICATION | |
|---|---|
| **Semester I** | |
| **Course Name** | **VLSI Design & Technology** |
| At the end of this course, the student will be able to: | |
| **Course Outcome** | **Course Outcome** |
| CO 1 | Model digital circuit with HDL, simulate, synthesis and prototype in PLDs. |
| CO 2 | Analyze chip level issues and need of testability. |
| CO 3 | Design analog & digital CMOS circuits for specified applications. |
| | |
| **Course Name** | **Computer Networks** |
| At the end of this course, the student will be able to: | |
| **Course Outcome** | **Course Outcome** |
| CO 1 | Explain fundamental underlying principles of computer Networking |
| CO 2 | Describe and analyze the hardware, software, components of a network and the |
| CO 3 | Analyze the requirements for a given organizational structure and select the most |
| CO 4 | Use of cryptography and network security; |
| CO 5 | Installing and configuring networking applications. |
| CO 6 | new and better protocols. |

| Semester II | |
|---|---|
| **Course Name** | **Mobile communication** |
| At the end of this course, the student will be able to: | |
| **Course Outcome** | **Course Outcome** |
| CO 1 | Explain the telecommunication switching,Traffic,Networks comcepts. |
| CO 2 | Analyze the telecommunication Traffic |
| CO 3 | Analyze the radio channel and cellular capapcity |
| CO 4 | Explain and apply the concept of GSM and CDMA system. |

| **Course Name** | **Braoadband Communication Systems** |
|---|---|
| At the end of this course, the student will be able to: | |
| **Course Outcome** | **Course Outcome** |
| CO 1 | Design & Study of fiber-optic communication system |
| CO 2 | Carry out Link power budget and Rise Time Budget by proper selection of |
| CO 3 | Desribe system design issues and the role of WDM components in advanced |
| CO 4 | Design of Satellite Uplink-Downlink . |