Code	Subject Title	Cr. Hrs	Semester
IT-310	Computer Networks Lab (CMP)	1	VI

Year	Discipline
3	Information Technology

Objectives

The aim of Computer Networks Lab is to provide a hands-on experience to the students so that they can confidently cope with the practical issues/problems in Computer Networks. The following topics will be covered in this course: Hardware Components, PC Hardware, Laboratory Safety and Tools, Hardware Assembling, Portable Devices, Adding a Network Interface Card (NIC), TCP/IP Utilities, Connecting a Printer, Sharing a Printer, Managing a Printer, Dealing with paper problems, Layer 2 Internetworking Devices, Switch configuration, Media and Design (Topology Design), Structured Cabling (Straight-Through Cable, Crossover Cable, Rollover Cable), Using the Router, Router Components, Router Startup and Setup, Router Configuration, Operating System Installation, Implementing a small LAN.

Prerequisites

None

Text Book

Lab Manual provided by instructor

Reference Material

None