

I Year II Semester

Code: 20ES2110

L T P C

0 0 3 1.5

IT WORKSHOP

Course Objectives:

1. Understand the basic components and peripherals of a computer.
2. To become familiar in configuring a system.
3. Learn the usage of productivity tools.
4. Get handsome experience in trouble shooting a system

Course Outcomes:

Students should be able to:

1. Assemble and disassemble components of a PC
 2. Construct a fully functional virtual machine, Summarize various Linux operating system Commands
 3. Work efficiently with MSOffice
 4. Recognize hardware, software troubles and solve the troubles
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1. System Assembling, Disassembling and identification of Parts / Peripherals
 2. Operating System Installation-Install Operating Systems like Windows, Linux along with necessary Device Drivers.
 3. MS-Office/Open Office
 - a. Word-Formatting, Page Borders, Reviewing, Equations, symbols.
 - b. Spread Sheet- organized at a, usage of formula, graphs, charts.
 - c. Power point – features of Power point, guidelines for preparing an effective presentation.
 - d. Access-creation of database, validate data.
 4. Trouble Shooting-Hardware troubleshooting, Software troubleshooting.

Text Books:

1. Computer Hardware, Installation, Interfacing, Troubleshooting and Maintenance, K.L. James, Eastern Economy Edition.
2. Microsoft Office 2007: Introductory Concepts and Techniques, Windows XP Edition by Gary B.Shelly, Misty E.Vermaat and Thomas J. Cashman (2007,Paperback).
3. The Complete Computer upgrade and repair book, 3/e, Chery La Schmidt, Dreamtech.
4. Comdex Information Technology course toolkit Vikas Gupta, WILEY Dreamtech.