

**I Year II Semester**

**Code: 20ES2110**

<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>0</b>	<b>0</b>	<b>3</b>	<b>1.5</b>

## **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.