

IT Basics – III
(20 Hours – Tuition Mode)

Target Group: Senior Officers who will be users of computers for MIS and Decision Support Mechanism

Learning Objectives:

1. To develop introductory skills of operating a computer
2. To have basic understanding of Windows
3. To have basic working skill of MS Word, MS Excel and MS PowerPoint
4. To have basic working skill in accessing Internet and Emailing

Instructional Methodology: Classroom lectures along with hands on

Course Contents:

Computers - An overview of computer and systems (20 Minutes)

- a. Elements of Computer System, Hardware & Software
- b. Block diagram of a computer, CPU, Memory, Input/ Out devices
- c. Mouse and Keyboard
- d. Using a mouse (single and double click and their functions)
- e. Printers, Scanners, Multi-functional Printer
- f. UPS, Generator
- g. CD, DVD, USB Drives (Flash / Pen Drives)
- h. Networking devices – Switch, LAN Cable

MS Windows XP - Operating System (40 Minutes)

- a. Start, Shutdown and Restart
- b. Desktop, Icons, Recycle Bin, My Computer, My Documents
- c. Minimizing, Maximizing, Resizing and Closing Windows
- d. Files and folders, directory tree, drives
- e. Copying / moving files between folders and drives
- f. Renaming, Deleting files and folders
- g. Searching, Finding files and folders
- h. Launching an application and closing an application
- i. Taskbar – Setting up / changing date and time

MS Word (2 Hours)

- a. Creating a new word document
- b. Opening an existing document, Editing and Saving a document
- c. Typing a text, deleting, inserting, finding, replacing, copying and moving text
- d. Justifying texts

- e. Bold, Italics, Underline, Strike, Double Strike and Colouring text
- f. Selecting Font and Font Sizes
- g. Formatting page, margins, page size, portrait and landscape
- h. Inserting symbols, pictures
- i. Using Bullet Lists
- j. Using and manipulating tables, inserting / deleting of rows and columns
- k. Sorting tables
- l. Using Header and footer, Inserting Page number
- m. Changing character width and line spacing
- n. Printing of a document, Using print preview
- o. Copy / moving text between two different documents
- p. Typing More than one language in the same text
- q. Shortcuts for various activities in MS Word

MS Excel

(2 Hours)

- a. Creating a new worksheet
- b. Opening an existing worksheet
- c. Editing and Saving a worksheet
- d. Creating, Renaming and Deleting worksheets in a workbook
- e. Types of data (Numeric, text etc.)
- f. Entering in a cell
- g. Manipulation of a cell, row and column (deleting, inserting, finding, replacing, copying and moving)
- h. Justifying in a cell, Merging cells and columns
- i. Addition, Subtraction and using formula
- j. Selecting Font and Font Sizes
- k. Using and manipulating tables, inserting / deleting of rows and columns
- l. Sorting Columns
- m. Using Header and footer, Inserting Page number
- n. Border and Shading of cells, rows and columns
- o. Formatting page, margins, page size, portrait and landscape
- p. Selecting area for printing, Printing of a worksheet and workbooks, Using print preview
- q. Copy / moving text between two different worksheets and workbooks
- r. Using Chart Wizard, Creation of different types of charts
- s. Shortcuts for various activities in MS Excel

MS PowerPoint

(4 Hours)

- a. Creating a new presentation
- b. Opening an existing presentation
- c. Editing and Saving a presentation
- d. Formatting Presentation – Slide layout, Slide Design, Slide background
- e. Inserting symbols, chart, tables, pictures, videos and audios
- f. Inserting page number, date and time

- g.** Different types of views
- h.** Preparing for a slide show – animation schemes
- i.** Printing slides, handout and notes pages

Internet

(1 Hour)

- a.** Introduction to Internet
- b.** Searching the web
- c.** Emailing