

I M.Sc IT	INTRODUCTION TO INFORMATION TECHNOLOGY	EPIT705T
SEMESTER – I		HRS/WK-4
ELECTIVE - 1		CREDIT-3

Objectives:

This is the base paper that enables students to understand the purpose and need for this course and shape their career based on the upcoming technologies.

Unit-1 [12 HRS]

INFORMATION TECHNOLOGY TODAY – An Introduction – Information systems – Software and Data – IT in Business, Industry, Home, Play, Education and Training, Entertainment and Arts, Science, Engineering and Math, Computers in Hiding – The Global Positioning System (GPS) – How GPS Works.

Unit-2 [12 HRS]

COMPUTER SYSTEM AND DEVICES: Types of Computers – Anatomy of Computers INPUT-OUTPUT DEVICES – Input Devices – Text Input – Graphics Input – Output Devices – Monitors – Printers.

Unit-3 [12 HRS]

SOFTWARE – Definition – Application Programs – Major Software Issues – **WORD PROCESSING and DESKTOP PUBLISHING:** Entering and Editing Documents – Formatting Documents – Desktop Publishing for Print and Screen.

Unit-4 [12 HRS]

PROGRAMMING & IT ISSUES: Introduction – Programming Languages – Methods – Programming Techniques – Corporate Development – Computers and Your Health – Viruses – Intellectual Property Rights – Computer Crime – Burning Issues.

Unit-5 [12 HRS]

IT IN BUSINESS – Corporate Computing – Transaction Processing – Information Tools for Management Control – Marketing, Advertising and Sales – Design, Production and Manufacturing – Business on Internet – Life Outside Office – Careers – Keeping up-to-date.

Text Books:

Information Technology – The Breaking Wave – Dennis.P.Curtin, Kim Foley, Kunal Sen, Cathleen Morin – TMH , New Delhi.