ITC 201: Computer Systems and Information Technology Applications

Course Objectives
This module aims to provide students with the fundamental knowledge of computer and its application in business world.

Contents

Detailed Course
Unit I: Definition of Computer: What is computer? When computer came into existence? Different types of computers. LH 2
Unit II: Input Devices: Mouse, Keyboard, Microphone, Touch Monitor, Uses of input devices LH 2
Unit III: Output Devices: Monitor, Printer, Uses of Output devices LH 2
Unit IV: Storage Devices: Primary Storage Device, Secondary Storage Devices, uses of storage devices LH 2
Unit V: Central Processing Unit: Control Unit, Arithmetic and Logic Unit, functions of Central processing Unit LH 2
Unit VI: Operating System: What is operating System? Different operating systems, Why is operating system needed? Support for Networking LH 2
Unit VII: Computer Network: Introduction to computer network, Pros and Cons of computer Network, Types of computer network (On the basis of size and architecture), Introduction to IP address. LH 2
Unit VIII: Application Software: Word Processor, Spread Sheet, Presentation Tools, Image processing software (Photoshop) with basic features. LH 13
Unit IX: Utility Software: Device Manager, Disk cleaner, Disk scanner, Disk Defragmenter LH 2
Unit X: Information Technology: What is IT? Importance of IT. Different hardware and software used in IT. Application of IT in Science and Engineering, Business and Commerce, Education, Governance, Medicine, Entertainment, LH 4
Unit XII: Marketing Information System (MkIS). What is MkIS? Features of MkIS. How MkIS can help organization in decision making process? LH 6
Text book

ITL Education Solutions Limited, "Introduction to Information Technology", Pearson Education India

References:
- Kimball P Marshall, “Marketing information systems : creating competitive advantage in the information age”, Boyd & Fraser Pub Co