Fundamentals of Computing

Course Content

- Introduction to computers: computer systems, classifications of computers. Computer hardware: computer organization, CPU Structure and functions, input/output devices, storage devices, computer memory. Computer software: operating system and utility programs, application software.
- Data representation, computer arithmetic and number systems. Computer network and communication: data communications, network topology, network software, communication applications.
- Document Creation in MS-WORD, Table Creation in Ms-Word, Ms-PowerPoint, Ms-Excel, Graphs and Charts. Internet and the World Wide Web: history of the internet, internet service providers, Browser, World Wide Web.

References:

1. Fundamentals of Computers by V. Rajaraman
2. Introduction to Computer Science by ITL Education Solutions Limited
3. Computer Fundamentals and Programming in C by Anita Goel and Ajay Mittal
4. Computer Science: An Overview by J. Glenn Brookshear