

CORE COURSE I - INTRODUCTION TO INFORMATION TECHNOLOGY

UNIT I

Internet and World Wide Web – Current Trends in Information Technology - Computer System – Central processing unit.

UNIT II

Input and Output - Secondary Storage – Introduction to Software – Application software & System software

UNIT III

Word Processing software - Desktop Publishing software – Spreadsheet software - Database software – Application software development lifecycle

UNIT IV

Communications – The Electronic Web - Multimedia – Information Technology in Business.

UNIT V

Programming the computer – Problem decomposition & Pseudo code - System Development – Personal, Social and Ethical issues.

TEXT BOOK:

1. **Dennis P. Curtin, Kim foley, Kunal Sen and Cathleen Morin** - “Information Technology - the breaking wave”, Tata-McGraw Hill Publications, 2005 Seventeenth REPRINT., (ISBN 0-07-463558-1)
[Unit-1 (Chapters - 1, 2, 3); Unit-2 (Chapters – 4,5, 6); Unit-3 (Chapters – 7,8); Unit-4 (Chapters – 9,10, 11); Unit-5 (Chapters – 12,13)]

REFERENCE BOOK:

1. Introduction to Information technology, ITL education solutions limited, Pearson education, 2006. (ISBN 81-7758-118-X).
2. **Sarah E. Hutchinson & Stacey C. Sawyer**, Computers, communication and Information, Seventh edition, Tata-McGraw-Hill, 2001 (ISBN – 0-07-044535-4)