

Syllabus for subsidiary paper for B.A Degree  
Course in English Literature.

"Computer Applications"

Introduction to Computers :

Concept of stored Program, Block Diagram of a Computer, Description of functional modules: CPU, Memory, I/I Devices: Keyboard, Mouse, Monitor, Dot Matrix Printer, Inkjet Printer and Laser Printers, Plotters, Digitisers and Scanners; Secondary Memory Devices : Magnetic Disks, Magnetic tapes, Introduction to Multi Media devices: CD ROM, Sound Card.

Computer Software : Concepts and functions of Operating Systems, Compilers, Utility packages, Basic Knowledge of DOS and Windows;

Office Automation :

Important features of Word Processing : Text Manipulation, Page Formatting, Spell Check, Mail merge, Introduction to DTP features.

Introduction to Electronic Spread Sheet, Graphics and Database Storage and Retrieval of data, Data Management with packages such as Dbase III plus, Commands and simple programs, sequential and Indexed file operations.

Familiarisation with MS Office: MS WORD, EXCEL.

Natural Language Processing:

Concepts of Syntactic and Semantic analysis and Parsing, discourse and pragmatic processing.

Computers and the Writer:

Computer and the study of literature: authorship attribution - computer assisted literary criticism, Computer corpus - corpus processing - computers and dictionaries. Computers and writing- Pre and Post writing tools - composing and reusing text- readability statistics-Flesch indices. Introduction to issues in machine translation.

Note : For practicals the department should have Computer(s) with GUI (Windows) and application packages such as MS-OFFICE.

Books :

1. V. Rajaraman, Fundamental of Computers, Prentice Hall of India
2. R.K. Taxali, PC Software Made Simple, Tata McGraw Hill, 94

3. The Computer <sup>-2-</sup> the writer and the learner,  
Springer - Verlag, London, 1992
4. Christopher S. Butler (Ed.). Computers and Written  
Texts, Basil Blackwell Ltd. U.K., 1992
5. Ron Mansfield, The Compact Guide to Microsoft Office,  
BPB Publications.
6. Harry Tennant, Natural Language Processing, PSI,  
Petrocelli Books, Inc.
7. Lotus learn Series on Wordstar, Lotus & MS-Word,  
Sterling Informatio Technologies, New Delhi.

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