

CA506 INFORMATION SYSTEM MANAGEMENT

Prerequisite: Nil

Aim: To introduce the concepts and practices of Management Information Systems

Course Content:

Introduction to data processing concepts, MIS, data collection, preparation, verification, editing and checking, storage, retrieval, records, files. Business files - Master and Transaction file, file generations, back-ups and file recovery procedures, Disk and Tape based files; Storage Organizations and accessing methods. COBOL programming - language constructs and structured programming features, examples for files accessing. File sorting, searching, merging, matching, Table handling, Report Writer, DBMS Concepts.

Books:

1. R J Verzello, John Reutter III: Data Processing: Systems and Concepts, Mc Graw Hill Book Co. - 1982.
2. Roy, M.K. and Dastidar Ghosh, D: COBOL Programming, Tata McGraw Hill Pub. Comp. Ltd. 1982.
3. Philippakis and Kazmier: Information system Through COBOL 2nd Ed. McGraw Hill Int. Ed.
4. Philippakis and Kazmier: Advanced COBOL Programming - McGraw Hill.
5. Popkin, G.S.: Advanced structured COBOL 2nd Edn. Kent Publ. Comp. 1987.
6. Pierson & Horn: Structured COBOL Programming, Scott Freshman and Co. 1986.
7. Rajaraman, V. & Sahasrabudhe, H.V.: Computer Programming in COBOL, Prentice-Hall India.
8. Grover, P.S: Programming with Structured COBOL, Macmillan, 1989.
9. A Stern & Stern: Structured COBOL Programming - Addison Wesley.