SARDAR PATEL UNIVERSITY
B. Sc. (Information Technology)
(3rd Semester)
Syllabus with Effect from: June-2012
Course : US03EINT01
(Management Information Systems)

Credits : 2
Lectures per week : 2
University Exam Duration : 2 Hours

Unit 1. MIS – Introduction
- Introduction to MIS, Problems with MIS, Knowledge requirements for MIS(7 areas), DSS, EIS, ES, 4GL, IT & MIS : What is IT? Is computer essential for MIS?
- Office supporting system(Whole).
- Computer and MIS.
- Data Processing System.
- Characteristics of DPS.
- Scope of Trans. Processing.
- Example of Sales Order Processing **.**

Unit 2. Information, Data & Communication
- Information & Management, Information Classifications.
- Definition: Data and Information, Data Characteristics.
- What is Information? Functions performed by information, Characteristics of information.
- Communication System, Information in an organization.

Unit 3. Planning and Decision Making
- Planning and Planning terms, Objectives, Policies, Levels of Planning, Planning Problems.
- Type and Sources of Planning Information.
- Decision Making, Programmed and Non-programmed decisions, Levels of Decision Making.

Unit 4. Elements of Control
- Concept of control in management, Elements of control cycle, Different Feedback loops, Control in Organizations, Scope of management control.
- Total Quality Control – TQC.
- Total Quality Management – TQM.

MAIN REFERENCE BOOKS :

1. T Lucey: Management Information Systems, BPB Publication.
2. W.S. Jawadekar, Management Information Systems - Tata McGraw Hill Publishing Company Ltd.