

BACHELOR OF COMMERCE - THIRD SEMESTER
MANAGEMENT INFORMATION SYSTEMS-I

Code: SC3.6

Contact Hours: 56

Credits: 4

Evaluation: Continuous Internal Assessment – **30 Marks**
Semester-End Examination – **70 Marks**

Univ Code:

Work load: **4 hours per week**

Objectives:

Pedagogy:

Module 1: Introduction: Definition of a Management Information System (MIS), MIS an evolving concept, MIS and other academic disciplines - management accounting operation search, management and organization theory. Computer science; subsystems of an MIS, MIS as seen by user, the MIS professional.

Module 2: Structure of MIS: Operating elements of an information system, MIS support for decision-making, MIS structure based on organizational function, synthesis of MIS structure, uses of MIS structure.

Module 3: Computers and Communication Technology for MIS: Computer systems; a user view of computer systems, communications facilities, communications networks, distributed systems.

Module 4: Storage and Retrieval of Data: Physical versus logical models of data, logical data concepts and definitions, physical storage devices, file organizations, database organizations.

Module 5: Formation Processing: Transaction processing, document preparation, message and document communication, Information processing control, information systems availability controls, Case studies.

Recommended Books

1. G.B Davis and M.H. Olson, Management Information Systems, McGraw-Hill (1984)
2. Sadgopan, Management Information Systems, PHI.
3. Rajaraman, Analysis and Design of Information Systems, 2nd Edition, PHI (2000).

Practicals:

Practical: 2Hrs/Week

I.A Max. Marks: 20

The students shall be acquainted with several case studies of information systems, design of database and generation of management reports using suitable software packages.

Note: The Internal Assessment Marks (Maximum Marks 20) shall be awarded by the concerned course teacher based on the two practical tests of 2 hours duration each conducted by him/her during semester.