Course Code: 11BB22C3/11BC32C0

Course Title: MANAGEMENT INFORMATION SYSTEMS

Unit I: Introduction to Information Systems: Information Concepts, information system (Manual & Computer based Information Systems), Business Information Systems, Systems development, Information Systems in Society and Industry, Ethical and societal issues related to Information Systems

Unit II : An Overview of Management Information Systems: Decision Making & Problem Solving, Overview of Management Information Systems, Functional aspects of MIS (Financial Management, Marketing Management, HRM, Production Management)

Unit III : An Overview Of Decision Support Systems (DSS): Characteristics & capabilities of DSS, DSS Vs MIS, and Components of DSS, Group Support System, Executive support systems

Unit IV : Systems Development: Participants in SD, initiating SD, IS Planning & aligning with corporate and IS goals, System Development Life Cycle (SDLC), SD Approaches, Prototyping, Rapid Application Development (RAD), Joint Application Development

Unit V: System Analysis: Participants, Data Collection, Data Analysis, Requirement Analysis, System Design, Logical & Physical Design, Systems Implementation

Recommended Text Book:

1. Ralph Stair and George Reynolds, "Principles of Information systems", Thomson Publishers