<div align="center">**3rd SEMESTER**

SKILL ENHANCEMENT COURSE (SEC)</div>

BIT318S: MANAGEMENT INFORMATION SYSTEMS

<div align="right">**CREDITS: THEORY: 2, ASSIGNMENT: 2**</div>

THEORY (2 CREDITS)

Unit-I

Frame Work: Importance, Concepts, Nature and Scope of MIS. Structure and Classification of MIS, Information Processing Functions, Decision Support Levels of Management Activities, Organizational Functions, Classification, Transaction Processing System, Management Information System, Decision Support System (DSS), Executive Support System, Office Automation Systems (OASs), Business Expert System (BESs), Functional Information System.

Unit-II

System Development Approaches: System Development Life Cycle (SDLC), Models of System Development Life Cycle- Waterfall Model, Prototyping Model, Iterative Model, Spiral Model; System Analysis and Integration, Data Flow Diagrams, Data Dictionary, Decision Tree and Structured English, Decision Table; System Design.

TUTORIALS (ASSIGNMENTS) (2 CREDITS)

1. List 10 technologies those are used for developing MIS system.
2. Suppose one of your friend want to develop career in MIS. What skills and personal qualities do you think he/she needs to build such a career in MIS?
3. Define the steps to the System Development life cycle and the roles of professionals in business and computing industries with respect to Information System.
4. Understand why it is important to" implement security measures for Management Information System.
5. Draw the data flow diagram (2 level) for Library Management System and Hospital Management System.
6. Give a brief Analysis of Different SDLC models.

BOOKS RECOMMENDED:

1. Donald R. Cooper and Ramela S. Schindler, "Business Research Methods", Tat McGraw Hill.
2. Roger Pressman Software Engineering Tata McGraw Hill.
3. Senn, J.A. "Analysis and Design of Information Systems", Tata McGraw Hill.
4. Keen, Peter G.W. "Decision Support System and Organizational Perspective", Addison-Wesely Publication.