## Department of Library and Information Science Master of Library and Information Science

LSS555: MANAGEMENT INFORMATION SYSTEM (MIS)

## **Objectives:**

- To familiarize students with the concept and implications of Management Information System (MIS)
- To know fundamental issues of information systems
- To study various sources of information like organizations and databases.
- To familiarize students with concepts, types and infrastructure of knowledge management
- To study Information Systems planning
- To understand the quantitative methods and tools for analysis and decision making
- To understand the overall information needs of an organization

## **Course Outcome (CO):**

- CO1 Understanding of concept, meaning, function and components of Management information systems
- CO2 Familiarizing students with of management information systems, sources related to organizational information, knowledge management and organizational information requirements.
- CO3 Able know and analyze with information needs and requirements of organization
- CO4 Familiar with management principles and applications on IT, organizational effectiveness and communications
- CO5 Familiar with knowledge management systems and their implications on information services
- CO6 Familiar with methods of planning, designing and developing information systems.
- CO7 Aware of standard models like DSS, ERP, OOPS to design information systems.
- CO8 Knowing quantitative methods and tools for analysis and decision making.
- Unit : Introduction to fundamental issues of information systems (IS), MIS-concept, **08hrs** meaning and definitions, components and objectives of MIS.
- Unit : Understanding of the overall information needs of an organization: analysis of organization information requirements, and prioritizing IS project, Analysis of information needs, specification of system requirements, analysis of alternatives, design of alternatives.
- Unit : Overview of managerial applications of information technology (IT) to increase of effectiveness of organizations, cooperative work, organizational competitive advantage and inter- organizational communication.

Unit : Knowledge Management: Concept, Definition, Purpose of KM, Need and Scope,
4 Historical Development, Role of KM, Impact on Society, Knowledge Management
Approaches, Information Technology and Knowledge Management. Application of
Knowledge Management in LIS centers, Role of Information Professionals in
Knowledge Management.

Unit: Information Systems planning: Use of case methods in planning Information **06hrs** Systems.

Unit : Decision Support Systems, ERP, state-of-the-art techniques for information of systems specifications and design, Real-time structured analysis and design, and object-oriented analysis and design.

Unit : Quantitative methods and tools for analysis and decision making.

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## **References:**

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- 5. R.V. Franks: Management Information Systems, Published by Kogan Page Ltd., London, 1988.
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