

MANGALORE UNIVERSITY
Department of Library and Information Science
Master of Library and Information Science

LSS555: MANAGEMENT INFORMATION SYSTEM (MIS)

Objectives:

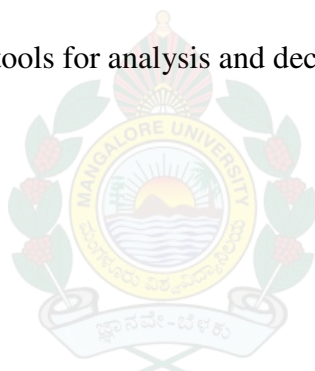
- To familiarize students with the concept and implications of Management Information System (MIS)
- To know fundamental issues of information systems
- To study various sources of information like organizations and databases.
- To familiarize students with concepts, types and infrastructure of knowledge 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 1 : Introduction to fundamental issues of information systems (IS), MIS-concept, meaning and definitions, components and objectives of MIS. **08hrs**
- Unit 2 : 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. **08hrs**
- Unit 3 : Overview of managerial applications of information technology (IT) to increase effectiveness of organizations, cooperative work, organizational competitive advantage and inter- organizational communication. **08hrs**

- Unit : Knowledge Management: Concept, Definition, Purpose of KM, Need and Scope, **08hrs**
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**
5 Systems.
- Unit : Decision Support Systems, ERP, state-of-the-art techniques for information **06hrs**
6 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. **06hrs**
7



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3. R.V. Kulkarni and M.J. Joshi: Role of Management Information System for university administration, ESS Ess publication, New Delhi, First published 2007.
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