IT 668 - Management Information Systems

Course Outline:

1. Introduction: Information Basics, Systems and Information Systems (IS), Impact of Information Technology on various aspects of life, Role of MIS, impact of MIS, importance of MIS, approaches to management, management as a control system

2. Developing MIS: Long range plans, contents, strategy, structure, models, development stages, life cycle vs prototype approach, success and failure factors


4. Decision Making: concept, steps used in decision making, criteria for decision making, decision making methods, tools used

5. Decision Support Systems: Knowledge management systems, Strategic IS, Expert Systems, Database management systems


6. MIS in Agriculture - A comprehensive case study

Recommended Books:

1. Management information systems : managing the digital firm by Laudon, Jane P.

2. Management information systems by Oz, Effy.

3. Management Information Systems by Sadagopan, S.

4. Management information systems: A concise study by Kelkar, S. A.

Course Weightage:

Attendance: 15%
Mid semester exams : 20%
End sem exam: 30%
Quiz, Group Exercises, presentations: 35%