

MBA I
Semester- I
Management Information Systems (MIS)

1. Course Objective:

The objective of the course is to

- Understand the role of the information systems (IS) function in an organization,
- Develop an insight as to how information systems influence business strategy and
- Develop the ability to contribute meaningfully towards information system selection.

2. Course Duration:

The course will have sessions which are divided into five modules. Each module consists of eight sessions of 75 minutes each and carries a weightage of 14 marks.

3. Course content:

Module No.	Modules/Sub-Modules	Sessions	Marks (20% of 70 each)
I	Introduction: Understand the role of information systems in an organization. Managing the digital firm, IS in the enterprise, IS organization, management and strategy	8	14
II	IT Infrastructure: Obtain a bird's eye view of contemporary technologies and infrastructure required to implement an IS. IT infrastructure and platforms, managing data, networks and the internet, wireless networks	8	14
III	Enterprise IS: Understand various business processes and how IS can help in their improvement. Electronic business and electronic commerce, business processes and enterprise applications, knowledge management	8	14
IV	IS Security: Understand the importance and issues related to the protection of an organization's information assets. Security and control, risk assessment, ethical and social issues	8	14
V	Development of IS: Understand the issues involved in the development and/or selection of an IS. Business process reengineering and IS, systems development, the open source model of development, business value of IS, international IS.	8	14

4. Teaching Methods:

The course will use the following pedagogical tools:

- (a) Discussion on concepts and issues on Management Information Systems.
- (b) Case discussion covering a cross section of Information systems.
- (c) Projects/ Assignments/ Quizzes/ Class participation etc

5. Evaluation:

The evaluation of participants will be on continuous basis comprising of the following elements:

A	Projects/ Assignments/ Quizzes/ Class participation etc	Weightage 10% (Internal Assessment- 10 Marks)
B	Mid-Semester examination	Weightage 20 % (Internal Assessment-20 Marks)
C	End –Semester Examination	Weightage 70% (External Assessment-70 Marks)

6. Basic Textbooks (Latest Edition):

Sr. No.	Author/s	Name of the Book	Publisher	Edition and Year of Publication
T1	O'Brien	J., Management Information Systems – Managing Information Technology in the Business Enterprise	Tata McGraw Hill	Latest Edition
T2	Laudon, Kenneth C. and Laudon, Jane P	Management Information Systems: Managing the Digital Firm	Pearson Education	Latest Edition
T3	Stephen Haag, Maeve Cummings, Amy Philips	Management Information Systems: For the information age	Tata McGraw Hill	Latest Edition

7. Reference Books:

Sr. No.	Author/s	Name of the Book	Publisher	Edition and Year of Publication
R1	Jawadekar, W. S	Management Information Systems	Tata McGraw Hill	Latest Edition
R2	Efraim Turban, Dorothy Leidner, Ephraim McLean, James Wetherbe	Information Technology for Management: Transforming Organizations in the Digital Economy	Wiley Publication	6th Edition
R3	McLeod, Raymond and Schell, George P	Management Information Systems	Pearson Education	10 th edition
R4	Miller	MIS cases: Decision making with Application software	Pearson Education	Latest edition

R5	A. K. Gupta	Management Information Systems	S. Chand	2008
R6	Sanjiva S. Dubey	IT Strategy and Management	PHI	2009
R7	S. A. Kelker	Management Information Systems A Concise Study	PHI	2009
R8	Jaiswal, M.P & Mittal	Management Information Systems	Oxford	2009
R9	P. Mohan	Management Information Systems	Himalaya	2009

8. List of Journals/Periodicals/ Magazines/ Newspapers etc.

Computer Express, Digichip, PC World, Computer Shopper, Dataquest etc.

9. Session Plan:

Management Information Systems (MIS)	
Session No.	Topic
1-2	Introduction
3-5	Information Systems in the Enterprise
6-8	Information Systems Organization, Management & Strategy
9-10	Managing Hardware and Software Assets
11-12	Managing Data
13-14	Telecommunications and Networks
15-16	Internet and New IT Infrastructure
17-19	Electronic Business and Electronic Commerce
20-22	Business Processes and Enterprise Applications
23-24	Managing Knowledge and Artificial Intelligence
25-26	Enhancing Decision Making
27-30	Information Security
31-32	Ethical and Social Issues
33-34	Redesigning the Organization - BPR
35-36	Systems Development
37-39	Understanding the Business Value of IS
40	International Information Systems

The Instructor/s (Faculty Member/s) will be required to guide the students regarding suggested readings from the Text(s) and references in items 6 and 7 mentioned above.