I> Course Content:

Semester	II
Subject	Information Systems and Digital Transformation
Course Code	MMSC206
Credits	2
Duration	30 hours

Module (Syllabus as per new Syllabus):

Sr. No.	Content	Course Outcomes	Content Delivery
1	**Information Systems, Management, Organization:** Overview of information systems, management and organizations their components. Information & Types of Information systems and its value dimension Role of IS in supporting business processes and decision-making.	MMSC206.1	-InteractiveTeaching -Visualization
2	Building MIS across the Functions, Sectors & Enterprise Resource Planning: Marketing Information Systems, Manufacturing Information Systems, Human Resource Information Systems, Financial Information Systems, Supply chain Management Information System, Customer Relation Management Information System, Information systems required across the functions, sectors and their Modules, MIS reporting and integrations. Enterprise Resource Planning & Integration of enterprise systems Case studies on successful integration of Information systems to Business	MMSC206.3	-Interactive Teaching -Flip Class -Case Study
3	Digital Firms, Platforms and Business Models &	MMSC206.5	- Interactive Teaching -Presentatio

			n on Strategies for Digital Transformations -Visualization
4	**Developing & Managing Information System Projects:** Information System Development &Building: Information System development Process and Models Managing software projects within budget, scope, and timeline constraints. Cost Benefit Analysis. Case studies on successful implementation of Information Systems Projects	MMSC206.2	-Interactive Teaching -Case Study
5	**Information Systems Strategy , Planning & Implementations:** Strategic alignment of IS with business goals and objectives. Virtual organization & strategies. Developing IS strategies for competitive advantage. Case studies on successful IS strategies and implementations.	MMSC206.4	-Interactive Teaching -Case study on Successful businesses
6	**Ethical & Social, Privacy issues in Information Systems** Ethical and social considerations in the use of information systems. Social & Privacy issues and regulations affecting digital business. Sensitize students to the need for information security, Concepts such as confidentiality, Integrity and Availability. Case Studies on Social and Digital Ethics, Privacy & Security Issues of IS.	MMSC206.5	-Interactive Teaching -Role Play -Case Study

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II> Course Outcomes

Course Code	Course Outcomes Students will be able to….	Cognition
MMSC206.1	Understand the basic knowledge on information systems, Organisations,Management and its related components	Understand
MMSC206.2	Understand the significance of information systems, Global Information Systems Infrastructure and its role to Business.	Understand
MMSC206.3	Analyze the business systems and need of information, emerging trends, within functional information systems for marketing, financial, human resource,operations and for various verticals of the industry and its integration to business.	Analyze
MMSC206.4	Apply the information system strategies to solve the business problems for competitive advantage and derive value to the business.	Apply
MMSC206.5	Create & Design Information systems models for successful digital transformation.	Create

Reference Books

Sr. No.	Books
1	Management Information Systems for the Information Age (9e) by Maeve Cummings. McGraw-Hill/Irwin (2012).
2	Management Information System- Managing the Digital Firm by Laudon and Laudon.
3	Principal of Information System by Ralph M. Stair and Georg Reynold.
4	Digital Business by Dr Chandrahauns Chavan , KBI International , Mumbai
5	A Management Information Systems by O'Brien, James. Tata McGraw Hill, New Delhi,
6	Introduction to Financial Technologies FINTECH, By Dr Chandrahauns Chavan & Atul Patankar , Pearson Publications
7	Management Information Systems by Jaiswal and Mittal. Oxford University PressElements of Systems Analysis and Design by Marvin Gore. Galgota Publications..
8	MIS a Conceptual Framework by Davis and Olson
9	Analysis and Design of Information Systems by James Senn.
10	Information Systems Today by Jessup and Valacich. Prentice Hall India.
11	Management Information Systems, Jaiswal and Mittal. Oxford University Press.

CIE :

1. Assignment
2. Internal Test
3. Group Presentation
4. Attendance