

# MANAGEMENT INFORMATION SYSTEMS

**Course Code: MBAMS 10201**

**Credit Units: 03**

## **Course Objective:**

Information Systems (IS) enables new approaches to improve efficiency and efficacy of business models. This course will equip the students with understanding of role, advantages and components of an Information System. The objective of the course is to help students integrate their learning from functional areas, decision making process in an organization and role of Information Systems to have a vintage point in this competitive world.

## **Course Contents:**

### **Module I: Basic Concepts of Information System**

Role of data and information, Organization structures, Business Process, Systems Approach and introduction to Information Systems.

### **Module II: Types of IS**

Resources and components of Information System, integration and automation of business functions and developing business models. Role and advantages of Transaction Processing System, Management Information System, Expert Systems and Artificial Intelligence, Executive Support Systems and Strategic Information Systems.

### **Module III: Architecture & Design of IS**

Architecture, development and maintenance of Information Systems, Centralized and Decentralized Information Systems, Factors of success and failure, value and risk of IS.

### **Module IV: Decision Making Process**

Programmed and Non- Programmed decisions, Decision Support Systems, Models and approaches to DSS

### **Module V: Introduction to Enterprise Management technologies**

Business Process Reengineering, Total Quality Management and Enterprise Management System viz. ERP, SCM, CRM and Ecommerce.

### **Module VI: Introduction to SAD**

System Analysis and Design. Models and Approaches of Systems Development.

## **Examination Scheme:**

Components	P-1	C-1	CT-1	EE
Weightage (%)	10	10	20	60

## **Text & References:**

### **Text:**

- Management Information Systems, Effy OZ, Thomson Learning/Vikas Publications
- Management Information Systems, James A. O'Brein, Tata McGraw-Hill

### **References:**

- Management Information System, W.S Jawadekar, Tata Mc Graw Hill Publication.
- Management Information System, David Kroenke, Tata Mc Graw Hill Publication.
- MIS: Management Perspective, D.P. Goyal, Macmillan Business Books.
- MIS and Corporate Communications, Raj K. Wadwha, Jimmy Dawar, P. Bhaskara Rao, Kanishka Publishers.
- MIS: Managing the digital firm, Kenneth C. Landon, Jane P. Landon, Pearson Education.