SY Bachelor of Business Administration (B.B.A.)		Semester IV	
Course Name: Management Information System (M-I-S)		**Course Code: VGVUCFOE404**	
Lectures per week (1 Lecture is of 60 minutes)		2	
Number of Credits		2	
Evaluation System	Assessment	Hours	Marks
	• **External Assessment**	2	60
	• **Internal Assessment**	-	40

Course Objectives:	
CO1	To understand the basic components, hardware, software, generations, classification and applications of computers.
CO2	To learn basic concepts of Information Technology, its support and role in Management, for managers
CO3	To understand basic concepts of IT risk, cyber security and laws, domains and security therein

Unit	Content	No. of Lectures
1	**INTRODUCTION TO IT SUPPORT IN MANAGEMENT** **Information Technology concepts** Concept of Data, Information and Knowledge **Introduction to Information Systems and its major components**. Types and Levels of Information systems. Main types of IT Support systems Computer based Information Systems (CBIS) Types of CBIS - brief descriptions and their interrelationships/hierarchies Office Automation System (OAS) Transaction Processing System (TPS) Management Information System (MIS) Decision Support Systems (DSS) Executive Information System (EIS)	10

2	**MANAGEMENT INFORMATION SYSTEM** **Overview of MIS, Definition, Characteristics, Subsystems of MIS (Activity and Functional subsystems), Structure of MIS, Reasons for failure of MIS.** **Understanding Major Functional Systems: Marketing & Sales Systems, Finance & Accounting Systems, Manufacturing & Production Systems, Human Resource Systems, Inventory Systems** **Decision support system** **Definition, Relationship with MIS.** **Evolution of DSS, Characteristics, classification, objectives, components, applications of DSS**	10	
3	**E-SECURITY SYSTEMS** **Threats to Computer systems and control measures**. Types of threats- Virus, hacking, phishing, spyware, spam, physical threats (fire, flood, earthquake, vandalism) Threat Management **IT Risk** Definition, Measuring IT Risk, Risk Mitigation and Management **Information Systems Security** **Security on the internet** Network and website security risks, Website Hacking and Issues therein. Security and Email **Cyber Laws** **E-Business Risk Management Issues** Firewall concept and component, Benefits of Firewall **Understanding and defining Enterprise wide security frame work** **Information Security Environment in India with respect to real Time Application in Business** Types of Real Time Systems, Distinction between Real Time, On – line and Batch Processing System. Real Time Applications viz. Railway / Airway / Hotel Reservation System, ATMs, EDI Transactions - definition, advantages, examples' Cash, Security requirements for Safe E-Payments Security measures in International and Cross Border financial transactions **Threat Hunting Software**	10	
	TOTAL	**30**	

Course Outcomes:	
CO1	Apply managerial decision-making concepts and understand Management Information System.
CO2	Understand the concept of Enterprise Resource Planning, Supply Chain Management, Customer Relationship Management, Key issues in implementation.
CO3	Understand relationship between database management and data warehouse approaches, the requirements, and applications of data Warehouse.

CO4	Apply the concepts of business process outsourcing and cloud computing.

Recommended Resources	
Reference Books -	• Information Technology for Management, 6TH ED (With CD) • By Efraim Turban, Dorothy Leidner, Ephraim Mclean, James Wetherbe (Ch1, Ch2)
E-Resources Webliography:	E-Book https://play.google.com/books/reader?id=tsP15h9gr8MC&printsec=frontcover&output=reader& hl=en&pg=GBS.PR7. w.2.1.0) https://play.google.com/books/reader?id=F1zbUaBtk7IC&printsec=frontcover&output=reader&h l=en&pg=GBS.PP1

EVALUATION PATTERN

INTERNAL EVALUATION

• For Major, Minor, Open Elective (OE), Vocational & Skill Enhancement (VSEC) Courses

Sr. No.	Description	Marks
I	Individual Project / Assignment / Presentation	15
II	Group Project / Assignment / Presentation	15
III	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation.	10
	TOTAL MARKS	**40**

Note: For OE from science faculty, practical examination of 40 marks will be conducted for Internal Evaluation.

• For Ability Enhancement (AEC) Courses

Sr. No.	Description	Marks
I	Project / Assignment / Presentation	10
II	Active participation in routine class instructional deliveries and overall conduct as a responsible learner, mannerism and articulation.	10
	TOTAL MARKS	**20**

• For Co - Curricular (CC) Courses

Sr. No.	Description	Marks
I	Class Test	15
II	Activities	35

	TOTAL MARKS	**50**

• **For Field Project (FP), Community Engagement Programme (CEP) Courses**		
Sr. No.	**Description**	**Marks**
I	Weekly reporting (Minimum 4 hours/week)	15
II	Writing report	20
III	Viva-voce/presentation	15
	TOTAL MARKS	**50**

EXTERNAL EVALUATION

• **For Major, Minor, Open Elective (OE), Vocational & Skill Enhancement (VSEC) Courses**		

- **Maximum Marks: 60**
- **Questions to be set: 04**
- **Duration: 2 Hours**
- **All Questions are compulsory carrying 15 marks each**

Q. No.	**Description**	**Marks**
Q.1	Full Length Question **OR** Full Length Question	**15**
Q.2	Full Length Question **OR** Full Length Question	**15**
Q.3	Full Length Question **OR** Full Length Question	**15**
Q.4	Full Length Question **OR** Full Length Question	**15**
	TOTAL MARKS	**60**

Note: Question of 15 marks can be further sub-divided into questions of 5/5/5, 8/7 or 10/5.

• **For Ability Enhancement (AEC) Courses**		
Q. No.	**Description**	**Marks**
Q.1	Attempt any two out three: (5 marks each)	**10**
Q.2	Attempt any two out three: (5 marks each)	**10**
Q.3	Attempt any two out three: (5 marks each)	**10**
	TOTAL MARKS	**30**