



Mohamed Sathak - Department of Management Studies (MS-DoMS)

Document Name: CDP & CAP	Review Period: Every Semester	Validation authority: IQAC
-------------------------------------	--------------------------------------	-----------------------------------

COURSE DELIVERY PLAN

(This document is to be presented to the students during the first week of commencement of classes by the course instructor)

Course Title: Information Systems for Business	Course Code:
Course Category: Core	Semester: III
Total Duration (Hrs): 60	Credits: 4
Subject Expertise: Prof. Preethi B Iyer Prof. Ramani Karthikeyan	

Program Specific Outcomes:

PSO1 – Placement: To develop students with industry specific knowledge & skills added with right attitude towards becoming a successful professional in corporate world and in Public sector units.

PSO 2 - Entrepreneur: To create effective business service owners, with a growth mindset by enhancing their critical thinking, problem solving and decision-making skills.

PSO3 – Research and Development: To instill and grow a mindset that focusses efforts towards inculcating and encouraging the students in the field research and development.

PSO 4 – Contribution to Business World: To produce ethical and innovative business professionals to enhance growth of the business world.

PSO 5 – Contribution to the Society: To work and contribute towards holistic development of society by producing competent MBA professionals.

Program Outcomes:

PO1: Problem Solving Skill: Application of tools & techniques relevant to management theories and practices in analyzing & solving business problems.

PO2: Decision Making Skill: Fostering analytical and critical thinking abilities for data-based decision making.

PO3: Ethical Value: Ability to develop value-based leadership attributes.

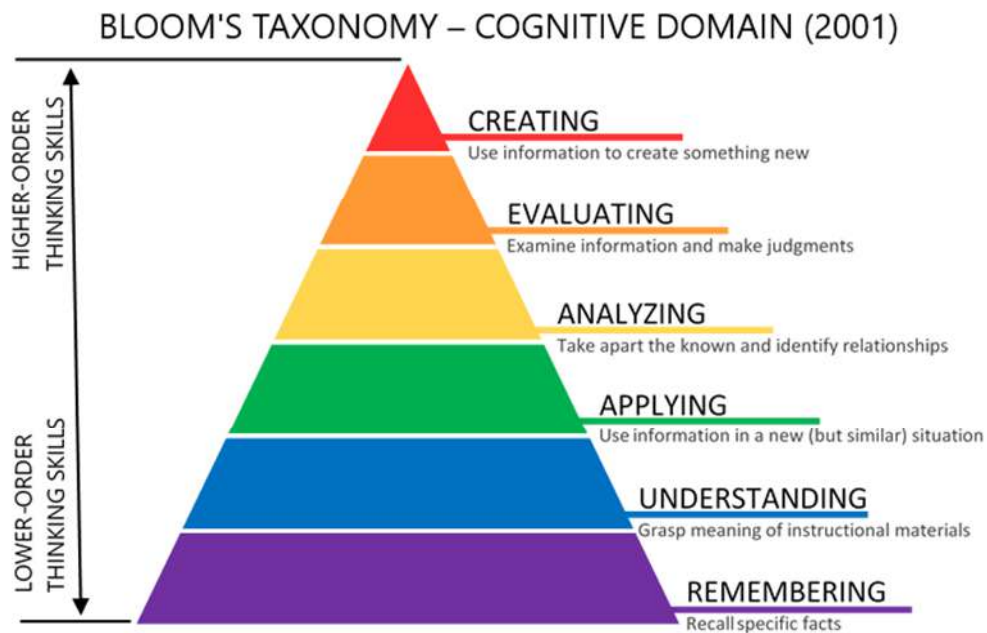
PO4: Communication Skill: Ability to understand, analyze and effectively communicate global, economic, legal and ethical aspects of business.

PO5: Individual and Team Leadership Skill: Ability to be self-motivated in leading & driving a team towards achievement of organizational goals and contributing effectively to establish industrial harmony.

PO6: Employability Skill: Foster and enhance employability skills through relevant industry subject knowledge.

PO7: Entrepreneurial Skill: Equipped with skills and competencies to become a global entrepreneur.

PO8: Contribution to Society: Strive towards becoming a global influencer and motivating future generation towards building a legacy that contributes to overall growth of humankind.



The Bloom's Taxonomy is to be followed in curriculum development, courseware development, planning and delivery of contents, Assessment, Mapping, Data Analysis and

Course Objectives	
C1	Learn the importance of data and information in managerial decision making.
C2	Possess on the various IS and its relevance to Organizational environment
C3	Understand the application of IS on the various Functions like Accounting, Finance, Marketing, Operations and HR
C4	To study the various models and new technologies
C5	Be exposed on the importance of selecting the appropriate ERP and its implementation

CQI (Continuous Quality Improvement)

MAPPING OF COs TO POs								
Course Outcomes	On completion of this course, students will;							Program Outcomes
CO1	Learn the importance of data and information in managerial decision making.							PO1, PO2, PO6
CO2	Possess knowledge on the various IS and its relevance to Organizational environment							PO3, PO5, PO8
CO3	Understand the application of IS on the various Functions like Accounting, Finance, Marketing, Operations and HR							PO1, PO3, PO5, PO8
CO4	To study the various models and new technologies							PO1, PO2, PO6, PO7
CO5	Be exposed on the importance of selecting the appropriate ERP and its implementation							PO1, PO2, PO5, PO8
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO1	S	M				S		
CO2			S		S			S
CO3	M		S		M			S
CO4	S	S				M	S	
CO5	S	M			M			S
	S-Strong		M-Medium		L-Low			

Reading List		
1.	InformationSystemsforBusinessand Beyond–opentextbooks.site.	
2.	Management Information Systems: Managing the Digital firm – www.textbooks.com	
3.	InformationSystemsJournal –WileyOnline Library.	
4.	InformationSystemsmanagementinBusinessanddevelopmentorganisations– Harekrishna Misra – PHI Learning.	
References Books		
1.	Azam,M., ManagementInformationSystem,McGrawHillEducation,2012	
2.	Laudon,K.,Laudon,J.andDass,R.,ManagementInformationSystems– ManagingtheDigitalFirm,11 th Edition, Pearson,2010.	
3.	Murdick,R.G.,Ross,J.E.andClaggett,J.R.,InformationSystemsforModernManage ment,3 rd Edition,PHI,2011.	
4.	O’Brien,J.A.,Morakas,G.M.andBehl,R.,ManagementInformationSystems,9 th Edit ion,TataMcGraw- HillEducation,2009.	
5.	Saunders,C.S.andPearson,K.E.,ManagingandUsingInformationSystems,3 rd Editio n, WileyIndiaPvt.Ltd.,2009.	
6	Stair,R.andReynolds,G.,InformationSystems,10 th Edition,CengageLearning,2012	
Methods of Evaluation		
Internal Evaluation	Continuous Internal Assessment Test – Assignments, Seminars, Attendance and Class Participation	25 Marks
External Evaluation	End Semester Examination	75 Marks
Total		100 Marks
Methods of Assessment		
BTL 1 - Recall (K1)	Simple definitions, MCQ, Recall steps, Concept definitions	
BTL 2 -Understand/ Comprehend (K2)	MCQ, True/False, Short essays, Concept explanations, Short summary or overview	
BTL 3 - Application (K3)	Suggest idea/concept with examples, Suggest formulae, Solve problems, Observe, Explain	
BTL 4 - Analyze (K4)	Problem-solving questions, Finish a procedure in many steps, Differentiate between various ideas, Map knowledge	
BTL 5 - Evaluate (K5)	Longer essay/ Evaluation essay, Critique or justify with pros and cons	

COURSE DELIVERY PLAN

Period / Session	Session Topic Unit wise	Pertaining CO/CLOs & BTL	Topic Learning Outcome(TLO)	Instructional Methods	Assessment Method for TLO
1	Unit I - Introduction of Information system	CO1 & BTL 2	Understanding about what is information system	Lecture / PPT	Discussion Forums
2	The management structure and activities	CO1 & BTL 2	Clear knowledge about operational support, support of knowledge work, and management support.	Lecture / PPT	Practice Quiz
3	Information, needs and sources	CO1 & BTL 2	Knowing about need of internal and external sources of	Interactive Learning / Caselets	Discussion Forums

			information.		
4	Types of management decision and information need	CO1 & BTL 2	Understanding about Structured and Unstructured decisions and the need of storing and managing data of all business functional areas.	Interactive Learning	Discussion Forums
5	System classification	CO 1 & BTL4	Knowing about different categories of information systems operational-level systems, management-level systems, and strategic-level systems.	Interactive Learning	Peer Review
6	Elements of system	CO 1 & BTL2&3	Analyse the elements of system-people, business processes, data, hardware, and software.	Self -Study	Graded Quiz-Test
7	Elements of system	CO 1 & BTL2&3	Analyse the elements of system-people, business processes, data, hardware, and software	Discussion forums	Discussion
8	Input output	CO1 & BTL3	Understand and analyse the input and output	Interactive Learning	Practice Quiz
9	Input output	CO1 & BTL3	Understand and analyse the input and output	Interactive Learning	Practice Quiz
10	Process and feedback	CO1 & BTL4	Understand and differentiate process and feedback	Guest Lecture / Expert Talk / Alumni Talk	Discussion Forums
11	Process and feedback	CO1 & BTL4	Understand and differentiate process and feedback	Guest Lecture / Expert Talk / Alumni Talk	Discussion Forums
12	CIA	-----		----	Internal I
13	Unit II Introduction to information system	CO2 & BTL3	Possess knowledge about various information system	Lecture	Assignment
14	Transaction processing information system	CO 2 & BTL 2 & 3	Learn about TPS through examples	PPT	Discussion Forums
15	Office automation System(OAS)	CO 2 & BTL 4	Analyse and understand about OAS	Interactive Learning	Practice Quiz
16	Knowledge workers system(KWS)	CO 2 & BTL 3	Gain information about KWS	Interactive Learning	Graded Quiz-Test

17	MIS Information system for managers	CO2 & BTL4	Possess knowledge about MIS	Case Study Discussion	Practice Quiz
18	MIS Information system for managers	CO2 & BTL4	Possess knowledge about MIS	Case Study Discussion	Practice Quiz
19	Intelligence information system	CO2 & BTL 5	Learn about IIS with PROS AND CONS	Self - Study	Discussion Forums
20	Intelligence information system	CO2 & BTL 5	Learn about IIS with PROS AND CONS	Self - Study	Discussion Forums
21	Decision support system	CO2 & BTL 4	Procedure of DSS with respect to organisation is learnt	Lecture	Student Presentation
22	Decision support system	CO2 & BTL 4	Procedure of DSS with respect to organisation is learnt	Lecture	Student Presentation
23	Executive information systems.	CO2 & BTL2	Possess knowledge and understand about EIS	Self - Study	Discussion Forums
24	Executive information systems.	CO2 & BTL2	Possess knowledge and understand about EIS	Self - Study	Discussion Forums
25	CIA	-----		----	-----
26	Unit III – Introduction	CO3 & BTL 2	Understand about various information systems	Lecture	Practice Quiz
27	Types of MIS	CO 3 & BTL4&5	Understand,analyse and evaluate the types of MIS	PPT	Discussion Forums
28	Functional management information system	CO 3 & BTL5	Understand,evaluate FMIS	Lecture	Discussion Forums
29	Production/operations information system	CO 3 & BTL4	Understand,evaluate PIS	Lecture	Practice Quiz
30	marketing information system	CO 3 & BTL3	Understand,evaluate the application of marketing IS	Interactive Learning / Self - Study	Lecture
31	marketing information system	CO 3 & BTL3	Understand,evaluate the application of marketing IS	Interactive Learning / Self - Study	Assignment
32	Accounting information system	CO 3 & BTL3	Understand,evaluate the application of accounting IS	Interactive Learning / Self - Study	Discussion Forums
33	Accounting information system	CO 3 & BTL3	Understand,evaluate the application of accounting IS	Interactive Learning / Self - Study	Discussion Forums
34	Financial information system	CO3 & BTL4	Analyse and understand about FIS	Interactive Learning	Discussion Forums
35	Financial information system	CO3 & BTL4	Analyse and understand about	Interactive Learning	Discussion Forums

			FIS		
36	Human resource information system	CO3 & BTL2	Understand about HRIS	Interactive Learning	Discussion
37	Human resource information system	CO3 & BTL2	Understand about HRIS	Interactive Learning	Discussion
38	CIA	-----		----	Internal II
39	Unit IV – Introduction To SAD	CO2& BTL2	Understand about system analysis and design	Lecture	Discussion Forums
40	System analysis and Design: The work of a system analyst	CO4& BTL3	Understand about the models of system analysis and how it is applied in real life through a system analyst	PPT	Practice Quiz
41	SDLC-SYSTEM DESIGN AGILE model Waterfall Model Spiral model Iterative and incremental model RAD model	CO4& BTL2	Know about various models and understand how it works	Interactive Learning	Discussion Forums
42	Requirement analysis, Data flow diagram, Relationship diagram	CO4& BTL3	Application of these models to real life and understand the use of technology	Lecture	Discussion Forums
43	Design-implementation EVALUATION AND MAINTENANCE OF MIS	CO4& BTL4	Analyse about design implementation and the maintenance of MIS	Interactive Learning	Assignment Peer Review
44	Database system-Overview of Database	CO4& BTL4	Analyse and study about database	Lecture	Graded Quiz-Test
45	Components-advantages and disadvantages of database;;	CO4& BTL4	Analyse and understand the difference pros and cons of database	Lecture	Practice Quiz
46	Data Warehousing and Data Mining	CO4& BTL5	Analyse and study about data warehousing and mining	Self - Study	Discussion Forums
47	Business Intelligence; Artificial Intelligence	CO4& BTL5	To study and gain knowledge about BI&AI	Lecture	Discussion Forums
48	Expert System; Big Data; Cyber Safety and Security- Cryptography;	CO4& BTL5	To study and gain critical knowledge about cyber inventions	Lecture	Discussion Forums
49	RSA Model of Encryption Data Science - Block Chain Technology;	CO4& BTL5	To learn about technological improvements on data science	Lecture	Discussion Forums
50	E- commerce and E-Business models; IOT – RFID	CO4& BTL5	To study about various new e business models	Lecture	Assignment & Student Presentation
51	CIA			----	-----

52	Unit V – Introduction	CO5& BTL2	Understand about ERP	Lecture	Practice Quiz
53	Enterprise Resource Planning(ERP)System,	CO5& BTL2	Understand and learn about the concept of ERP system	PPT	Discussion Forums
54	Benefits of the ERP, ERP how different from conventional packages	CO5& BTL4	Gain knowledge about how ERP differs from others	Interactive Learning	Discussion Forums
55	Need for ERP , ERP components ,	CO5& BTL3	Study about the need and components of ERP	Interactive Learning	Assignment Peer Review
56	Selection of ERP Package, ERP implementation	CO5& BTL3	Importance of selecting correct ERP	Interactive Learning	Graded Quiz-Test
57	Customer Relationship management.	CO5& BTL3	CRM concept explanation	Interactive Learning	Practice Quiz
58	Organisation & Types, Decision Making	CO5& BTL2	Learn about classification of organisation and the process of decision making	Expert Talk	Discussion Forums
59	Data& information, Characteristics & Classification of information	CO5& BTL5	Classify the information and study about the characteristics of data and information	Self- Study	Assignment Peer Review
60	Cost & value of information,	CO5&BTL5	Study about the cost and value of information and implementing it in real life	Interactive Learning	Discussion Forums
61	various channels of information and MIS;	CO5&BTL4	Classify various channels of information and MIS	Lecture	Discussion Forums
62	Information system audit and control –	CO5&BTL4	Knowledge gaining on information system and audit control	Lecture	Discussion Forums
63	E-Governance.	CO5&BTL2	Concept explanation on e governance	Lecture	Discussion Forums
64	CIA	-----		----	Review& Improvement

COURSE ASSESSMENT PLAN

Continuous Internal Assessment (CIA)	Learning Outcome for Assessment	CO/CLOs	Assessment Method / Activity	Corrective Action	Duration (Hrs)	Weightage
Unit I	Learn the importance of data and information in managerial decision making.	CO1	Internal I	Assignment & Peer Review	12	15%
Unit II	Possess knowledge on the various IS and its relevance to Organizational environment	CO2	Discussion Forums & Practice Quiz	Assignment & Peer Review	12	10%
Unit III	Understand the application of IS on the various Functions like Accounting, Finance, Marketing, Operations and HR	CO3	Internal II	Assignment & Peer Review	12	15%
Unit IV	To study the various models and new technologies	CO4	Discussion Forums & Practice Quiz	Assignment & Peer Review	12	10%
Unit V	Be exposed on the importance of selecting the appropriate ERP and its implementation	CO5	Model Exam	Assignment & Peer Review	12	50%
Internal Marks – 25 (20 CIA + 5 Attendance)						

FACULTY SIGNATURE

Head - DoMS

Head - IQAC