



SANATAN DHARMA COLLEGE, AMBALA CANTT

College with Potential for Excellence, UGC, New Delhi
NAAC Accredited Grade "A+" with CGPA 3.51 in 3rd cycle
ISO 9001:2015 & ISO 14001:2015 Certified



Department of Computer Science Lesson Plan (Session 2022-2023)

Class: BCA

Sem: VI

Course Code: 246

Nomenclature: Management Information System

Dates: 2 Feb, 2023- 14 May, 2023

SYLLABUS

BCA- Management Information System

Maximum Marks: 100

External: 80

Time: 3 hours

Internal: 20

Note: Examiner will be required to set Nine Questions in all. First Question will be compulsory, consisting of objective type/short-answer type questions covering the entire syllabus. In addition to that eight more questions will be set, two questions from each Unit. A candidate will be required to answer five questions in all, selecting one question from each unit in addition to compulsory Question No. 1. All questions will carry equal marks.

UNIT – I

Introduction to system and Basic System Concepts, Types of Systems, The Systems Approach, Information System: Definition & Characteristics, Types of information, Role of Information in Decision-Making, Sub-Systems of an Information system: EDP and MIS management levels, EDP/MIS/DSS.

UNIT –II

An overview of Management Information System: Definition & Characteristics, Components of MIS, Frame Work for Understanding MIS: Information requirements & Levels of Management, Simon's Model of decision-Making, Structured Vs Un-structured decisions, Formal vs. Informal systems.

UNIT – III

Developing Information Systems: Analysis & Design of Information Systems: Implementation & Evaluation, Pitfalls in MIS Development.

UNIT – IV

Functional MIS: A Study of Personnel, Financial and production MIS, Introduction to e-business systems, ecommerce – technologies, applications, Decision support systems – support systems for planning, control and decision-making

TEXT BOOK:

J. Kanter, "Management/Information Systems", PHI.

Gordon B. Davis, M. H. Olson, "Management Information Systems – Conceptual foundations, structure and Development", McGraw Hill.

Course Outcomes

After the completion of this course, prospective Computer professionals will have the ability to

CO-1	Describe system and Basic System Concepts,
CO-2	Understand and describe Types of Systems,
CO-3	Understand and describe Information System.
CO-4	Understand and describe Role of Information in Decision Making,
CO-5	Describe Sub-Systems of an Information system: EDP and MIS management levels, EDP/MIS/DSS.
CO-5	Describe overview of Management Information System
CO-6	Describe Simon's Model of decision-Making, Structured Vs Un-structured decisions, Formal vs. Informal systems.
CO-7	Develop Information Systems
CO-8	Describe Analysis & Design of Information Systems: Implementation & Evaluation, Pitfalls in MIS Development.
CO-9	Demonstrate Functional MIS

S.No	Instructional Technique	Assessment Methods (AM)
1	Chalk & Talk	Assignments
2	ICT tools	Quiz
3	Group discussions	Group Discussions
4	Industrial visit	Oral Tests
5	Case studies	Sessional
6	Small Projects	Presentations
7	Workshop	Seminar
8	Spoken Tutorials	University Exams
9	Flipped Class	
10.	E-Resources	

Date	Topics to be covered	Instructional Technique	Assessment Method
02.02.2023	Introduction to system and Basic System Concepts	1	1,2,3,4
03.02.2023	Types of Systems	1	1,2,3,4
04.02.2023	The Systems Approach	1	1
05.02.2023	SUNDAY		
09.02.2023	Information System: Definition	2-(PPT/Projector)	1,2,3,4
10.02.2023	Characteristics of Information System	2-(PPT/Projector)	1,2,3,4
11.02.2023	Types of information	2-(PPT/Projector)	1,2,3,4
12.02.2023	SUNDAY		
16.02.2023	Role of Information in Decision-Making	2-(PPT/Projector)	1,2,3,4
17.02.2023	Sub-Systems of an Information system	2-(PPT/Projector)	1,2,3,4
18.02.2023	Holiday		
19.02.2023	SUNDAY		
23.02.2023	EDP and MIS management levels	2-(PPT/Projector)	1,2,3,4
24.02.2023	EDP/MIS/DSS	2-(PPT/Projector)	1,2,3,4
25.02.2023	Doubts of Unit—I and Assignment 1	2-(PPT/Projector)	1,2,3,4
26.02.2023	SUNDAY		
02.03.2023	An overview of Management Information System	8,10,2	1,2,3,4,
03.03.2023	Definition & Characteristics of MIS	8,10,2	1,2,3,4,
04.03.2023	Components of MIS	8,10,2	1,2,3,4,
05.03.2023	SUNDAY		
16.03.2023	Frame Work for Understanding MIS	6	1,2,3,4
17.03.2023	Information requirements & Levels of Management	1	6

18.03.2023	Revision		
19.03.2023	SUNDAY		
23.03.2023	HOLIDAY		
24.03.2023	Simon's Model of decision-Making	2-(PPT/Projector)	1,2,3,4
25.03.2023	Simon's Model of decision-Making	2-(PPT/Projector)	1,2,3,4
26.03.2023	SUNDAY		
30.03.2023	HOLIDAY		
31.03.2023	Structured Vs Un-structured decisions	6	1,2,3
01.04.2023	Formal vs. Informal systems	6	1,2,3,4
02.04.2023	SUNDAY		
06.04.2023	Doubts		
07.04.2023	Sessional		
08.04.2023	Developing Information Systems: Analysis & Design of Information	2-(PPT/Projector)	1,2,3,4
09.04.2023	SUNDAY		
13.04.2023	Revision		
14.04.2023	HOLIDAY		
15.04.2023	Systems: Implementation & Evaluation	9,10	1,2,3,4
16.04.2023	SUNDAY		
20.04.2023	Revision		
21.04.2023	Pitfalls in MIS Development	2-(PPT/Projector)	1,2,3,4
22.04.2023	Holiday		
23.04.2023	SUNDAY		
27.04.2023	Functional MIS: A Study of Personnel, Financial and production MIS	2-(PPT/Projector)	1,2,3,4
28.04.2023	Revision		
29.04.2023	Introduction to e-business systems, Assignment 2	2-(PPT/Projector)	1,2,3,4

30.04.2023	SUNDAY		
04.05.2023	ecommerce – technologies, applications	2-(PPT/Projector)	1,2,3,4
05.05.2023	Decision support systems – support systems for planning,	2-(PPT/Projector)	1,2,3,4
06.05.2023	Doubts		
07.05.2023	SUNDAY		
11.05.2023	, control and decision-making	2-(PPT/Projector)	1,2,3,4
12.05.2023	Revision of Previous Years Question Papers		
13.05.2023	Revision of Previous Years Question Papers		
14.05.2023	SUNDAY		

	Teacher Incharge	Head of the Department
Name	Shikha Verma	Dr. Girdhar Gopal
Sign with Date		