

# SANATAN DHARMA COLLEGE, AMBALA CANTT



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



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

Class: BVOC(SD)

Sem: IV

Course Code: BVSD-42

Nomenclature: MANAGEMENT INFORMATION SYSTEM

Dates: 1 Feb, 2023- 17 May, 2023

### SYLLABUS

#### BVSD-42 Management Information System

Maximum marks: 100

Time: 3 hours

External: 80

Internal: 20

**Note: Examiner will be required to set NINE questions in all. Question Number 1 will consist of objective type/short-answer type questions covering the entire syllabus. In addition to the compulsory question there will be four units i.e. Unit-I to Unit-IV. Examiner will set two questions from each Unit of the syllabus. Student will be required to attempt FIVE questions in all. Question Number 1 will be compulsory. In addition to compulsory question, student will have to attempt four more questions selecting one question from each Unit. All questions will carry equal marks.**

#### Unit I

Fundamental of Management Information Systems: The Fundamental Roles of Information System in Business, Trends in Information Systems, Types of Information Systems, Managerial Challenges of Information Technology.  
The Components of Information Systems: System Concept, Components of an Information System, Information System Resources, Information System Activities, Recognizing Information Systems.

#### Unit II

IT Infrastructure and Emerging Technologies: IT Infrastructure, Infrastructure Components, Software/Hardware Platform Trends and Emerging Technologies, Management Issues.  
Foundation of Business Intelligence: Databases and Information Management: Organizing Data in a Traditional File Environment, The Database Approach to Data Management, Using Database to Improve Business Performance and Decision Making, Managing Data Resources.

#### Unit III

Securing Information Systems: System Vulnerability and Abuse, Business Value of Security and Control, Establishing a Framework for Security and Control, Technologies and Tools for Security, Key System Applications for the Digital Age;  
Enterprise Applications: Enterprise Systems, Supply Chain Management Systems, Customer Relationship Management Systems; Enterprise Applications: New Opportunities and Challenges.

#### Unit IV

Managing Knowledge: The Knowledge Management Landscape, Enterprises-Wide Knowledge Management Systems, Knowledge Work Systems, Intelligent Techniques.  
Enhancing Decision Making: Decision Making and Information Systems, Systems for Decision Support, Executive Support Systems (ESS), Group Decision-Support Systems (GDSS).

#### TEXT BOOKS:

- Laudon Kenneth C., Laudon Jane P., Management Information Systems Managing The Digital Firm, 10<sup>th</sup> Edition, Pearson Education, 2010
- O'Brien James A., Marakas George M., Management Information Systems, 7<sup>th</sup> Edition, Tata McGraw Hill, 2007

**REFERENCE BOOKS:**

- Laudon & Laudon, Essentials of Management Information Systems, Pearson Education, 2009
- McLeod Raymond & Schell Jr. George P., Management Information Systems, Pearson Education, 2007.

**Course Outcomes**

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

<b>Course Title</b>	Management Information Systems
<b>CO No.</b>	Course Outcomes
<b>CO-1</b>	Evaluate the role of information systems in today's competitive business environment.
<b>CO-2</b>	Identify and describe important features of organizations in order to build and use information systems successfully.
<b>CO-3</b>	Demonstrate systems analysis, design and decisionmaking in a business setting.
<b>CO-4</b>	Define and describe the fundamentals of hardware, software, database management, data communications and systems related to the management activities of an organization.
<b>CO-5</b>	Assess how information systems support the activities of managers and end – users in organizations.
<b>CO -6</b>	Develop skills for business management

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
01.02.2023	Fundamentals of Management Information System	1	1,2,3,4
05.02.2023	<b>SUNDAY</b>		
06.02.2023	Fundamentals of Management Information System	1	1
07.02.2023	Fundamental Roles of Information System in Business	1	1,2,3,4
08.02.2023	Trends in Information System	2-(PPT/Projector)	1,2,3,4
12.02.2023	<b>SUNDAY</b>		
13.02.2023	Types of Information	2-(PPT/Projector)	1,2,3,4

	System, Managerial Challenges of Information Technology		
14.02.2023	Components of Information System, Information System Resources	1	1,2,3,4
15.02.2023	Recognizing Information System	2-(PPT/Projector)	1,2,3,4
19.02.2023	<b>SUNDAY</b>		
20.02.2023	IT infrastructure and Emerging Technologies		
21.02.2023	Software/Hardware Platform Trends and Emerging Technologies	2-(PPT/Projector)	1,2,3,4
22.02.2023	Management issues	2-(PPT/Projector)	1,2,3,4
26.02.2023	<b>SUNDAY</b>		
27.02.2023	Foundation of Business Intelligence: Databases and Information Management	1	1,2,3,4
28.02.2023	Organizing data in a traditional file environment	2-(PPT/Projector)	1,2,3,4
01.03.2023	Databases approach to Data Management	9	1,2,3,4,6
05.03.2023	<b>SUNDAY</b>		
06.03.2023	<b>HOLI VACATIONS</b>		
07.03.2023			
08.03.2023			
09.03.2023			
10.03.2023			
11.03.2023			
12.03.2023	<b>SUNDAY</b>		
13.03.2023	Using Database to improve Business Performance and Decision making	1	1,2,3,4
14.03.2023	Managing Data Resources	2-(PPT/Projector)	1,2,3,4
15.03.2023	Revision	2-(PPT/Projector)	1,2,3,4
19.03.2023	<b>SUNDAY</b>		
20.03.2023	Securing Information System: System Vulnerability and abuse	2-(PPT/Projector)	1,2,3,4
21.03.2023	Business value of security and control, Establishment of its framework	6	1,2,3,4
22.03.2023	Technology and Tools for security		4
26.03.2023	<b>SUNDAY</b>		

27.03.2023	Key system Application for the digital age	2-(PPT/Projector)	1,2,3,4
28.03.2023	<b>Sessional 1</b>	1	1,2,3,4
29.03.2023	Enterprise Applications	2-(PPT/Projector)	1,2,3,4
02.04.2023	<b>SUNDAY</b>		
03.04.2023	Enterprise Applications	2-(PPT/Projector)	1,2,3,4
04.04.2023	<b>Holiday</b>		
05.04.2023	Revision	9,10	1,2,3,4
09.04.2023	Enterprise Applications		
10.04.2023	Revision	1	1,2,3,4
11.04.2023	Enhancing Decision Making: Decision Making and Information System	1	1,2,3,4
12.04.2023	Systems for Decision Support	1	1,2,3,4
16.04.2023	<b>SUNDAY</b>		
17.04.2023	<b>Revision and Assignment</b>	1	1,2,3,4
18.04.2023	Executive Support System	2-(PPT/Projector)	1,2,3,4
19.04.2023	Group Decision Support System	1	1,2,3,4
23.04.2023	<b>SUNDAY</b>		
24.04.2023	Systems for Decision Support	2-(PPT/Projector)	1,2,3,4
25.04.2023	Enhancing Decision Making: Decision Making and Information System	6	1,2,3,4
26.04.2023	Sessional	2-(PPT/Projector)	1,2,3,4
30.04.2023	<b>SUNDAY</b>		
01.05.2023	<b>Discussion over Previous year papers</b>	2-(PPT/Projector)	1,2,3,4
02.05.2023	<b>Discussion over Previous year papers</b>	2-(PPT/Projector)	1,2,3,4
03.05.2023	Revision	1	1,2,3,4
07.05.2023	<b>SUNDAY</b>		
08.05.2023	<b>Discussion over Previous year papers</b>	1	1,2,3,4
09.05.2023	<b>Discussion over Previous year papers</b>	1	1,2,3,4
10.05.2023	Revision		4
14.05.2023	<b>SUNDAY</b>		

<b>15.05.2023</b>	Revision of Previous Years Question Papers		<b>4</b>
<b>16.05.2023</b>	Revision of Previous Years Question Papers		<b>4</b>
<b>17.05.2023</b>	Revision of Previous Years Question Papers		<b>4</b>

	<b>Teacher Incharge</b>	<b>Head of the Department</b>
Name	Tanvi Dua	Dr. Girdhar Gopal
Sign with Date		