



A Lesson Plan

Program: BCA **Semester:** VI **Course Code:** BCA-604 **Course Name:** Knowledge Management

Course Objectives

- CO 1. To understand the design and the clear concepts of knowledge management
- CO 2. To understand the history and evolution of knowledge management
- CO 3. To have a clear understanding about the knowledge, intelligence, experience, common sense and its importance
- CO 4. To entail basic knowledge of knowledge management

Session Duration: 60 minutes

Participants: BCA Sixth Semester Students

Entry level knowledge and skills of students

- i. Basic concepts of Database Management System
- ii.

Equipment required in Classroom/ Laboratory/ Workshop

- i. Projector
- ii. White Board & Marker

Assessment Schemes

S. No.	Criteria	Marks (100)
1	CCSU End Term Examination	75
2	Internal Evaluation Scheme	25
2(a)	Teacher Assessment (Continuous Evaluation) (Assignment & attendance)	25
2(a)(i)	Assignment -1	10
2(a)(ii)	Assignment -2	10
2(a)(iii)	Attendance (compulsory)	5

Course Outcomes

- (CO1):** Able to describe how valuable individual, group and organizational knowledge is managed throughout the knowledge management cycle. **Understanding (K2)**
- (CO2):** Able to define the different knowledge types and explain how they are addressed by knowledge management **Understanding (K2)**
- (CO3):** Able to describe the major roles and responsibilities in knowledge management implementations. **Understanding (K2)**
- (CO4):** Able to identify some of the key tools and techniques used in knowledge management applications. **Understanding (K2)**



L. No.	Topics	Sub Topics	Date of implementation	Pedagogy	CO-Covered	Faculty Sign	HoD's Remark with Date
Unit - 1							
1.	Discussion about the Subject Syllabus and Learning outcomes	Course Objective & Course Outcome			CO-1 TO CO-4		
2.	Business Intelligence and Business Decisions	Basic Terms: Data, Information, Knowledge		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-1		
3.		Business Intelligence (BI)		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-1		
4.		Framework of BI		<ul style="list-style-type: none"> • Lecture 	CO-1		
5.		Benefits and limitations of BI		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-1		
6.		Modelling Process		<ul style="list-style-type: none"> • Lecture 	CO-1		
7.		Decision Makers – SDM & MDM		<ul style="list-style-type: none"> • Lecture 	CO-1		
8.		MDM Support Technology		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-1		
9.		Decision Support System (DSS)		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-1		
10.		DSS and its components		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-2		
11.		Advantages and Disadvantages of DSS		<ul style="list-style-type: none"> • Brainstorming • Buzz Grouping 	CO-2		
12.		Group Decision Support System (GDSS)		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-2		
13.		GDSS cont		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-2		
14.		Group Support System (GSS)		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-2		
15.		Organizational Decision Support System (ODSS)		<ul style="list-style-type: none"> • Lecture • Brainstorming 	CO-2		
16.		Revision of Unit-I		<ul style="list-style-type: none"> • Buzz Grouping 	CO-2		
17.		Discussed University questions		<ul style="list-style-type: none"> • Brainstorming • Buzz Grouping 	CO-2		



Unit - 2							
18.	Executive Information and Support Systems	EIS, ESS		<ul style="list-style-type: none">•Lecture•Buzz Grouping•Brainstorming	CO-2		
19.		Business Executive System		<ul style="list-style-type: none">•Lecture•Brainstorming	CO-2		
20.		Artificial Intelligence (AI)		<ul style="list-style-type: none">•Lecture•Brainstorming•Buzz Grouping	CO-2		
21.		AI cont		<ul style="list-style-type: none">•Lecture•BrainstormingBuzz Grouping	CO-2		
22.		Expert System (ES)		<ul style="list-style-type: none">•Lecture•Brainstorming			
23.		ES Cont		<ul style="list-style-type: none">•Lecture•Brainstorming	CO-2		
24.		Data Warehousing		<ul style="list-style-type: none">•Lecture•Brainstorming	CO-2		
25.		Data Warehousing cont		<ul style="list-style-type: none">•LectureBrainstorming	CO-2		
26.		Data Mart, Data Store		<ul style="list-style-type: none">•Lecture•Brainstorming	CO-2		
27.		Meta Data		<ul style="list-style-type: none">•Lecture•Brainstorming	CO-2		
28.		Advantages and Disadvantages of Data Warehouse		<ul style="list-style-type: none">•Lecture•Brainstorming	CO-2		
29.		Data Warehouse Architecture and Tools		<ul style="list-style-type: none">•Lecture•Brainstorming	CO-2		
30.		Online Analytical Processing (OLAP)		<ul style="list-style-type: none">•Lecture•Brainstorming•Buzz Grouping	CO-2		
31.		Online Transaction Processing (OLTO)		<ul style="list-style-type: none">•Lecture•Brainstorming•Buzz Grouping	CO-2		
32.		Revision of Unit-2		<ul style="list-style-type: none">•Brainstorming•Buzz Grouping	CO-2		
33.		Discussed University questions		<ul style="list-style-type: none">•Brainstorming•Buzz Grouping	CO-2		



Unit – 3							
34.	Multi-Dimensional analysis	Knowledge Discovery and Data mining		•Lecture •Buzz Grouping	CO-3		
35.		Data mining Techniques		•Lecture •Brainstorming	CO-3		
36.		Applications and Benefits of Data Mining		•Lecture •Brainstorming	CO-3		
37.		Date Mining of advanced Databases		•Lecture •Brainstorming	CO-3		
38.		cont		•Lecture •Brainstorming	CO-3		
39.		cont		•Brainstorming •Buzz Grouping	CO-3		
40.		Multimedia Data Mining		•Lecture •Brainstorming	CO-3		
41.		Revision of Unit-3		•Brainstorming •Buzz Grouping	CO-3		
42.		Discussed University questions		•Brainstorming •Buzz Grouping	CO-3		
Unit – 4							
43.	Knowledge Management Systems	Concepts of KM systems		•Lecture •Brainstorming	CO-4		
44.		Structure of KM systems		•Buzz Grouping •Brainstorming	CO-4		
45.		Techniques of knowledge management		•Brainstorming •Buzz Grouping	CO-4		
46.		KM - appreciation & limitation.		•Lecture •Brainstorming	CO-4		
47.		Revision of Unit-4		•Brainstorming •Buzz Grouping	CO-4		
48.		Discussed University questions		•Brainstorming •Buzz Grouping	CO-4		

Text Books:

1. Prof. Sharvan Kumar Garg, Prof. Kamlesh Deshmukh, "Knowledge Management", Thakur Publication Pvt. Ltd.

Reference Books:

1. Decision support system, EIS, 2000.
2. W.H.Inmon, "Building Data Warehousing", Willey, 1998.
3. Han, Jiawei, Kamber, Micheline, " Data Mining Concepts & Techniques", Harcourt India, 2001