JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : BBA	Session : Fall 2022	Year : 2022-23	Sem: V

Course: Introduction to Database Management System

Name of the Faculty: Miss Kajal Kumari	Commencement Date: 12-09-22	Date of Closure: 31-12-22

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any
				ICT Tool/Platform/ LMS	Resources	Activity							
1	1st	I	Basics of Computer I/O										
2		I	**Introduction to DBMS** (information vs data,record,file)										
3		I	Data dictionary, data adminstrator, File orianted sysytem vs Database system										
4	2nd	II	**Sorting and Indexing of database**(Single and compound index)										
5		II	Converting data from one data type to another										
6		II	Converting data from one data type to another										
7	3rd	II	Function and operators										
8		II	working with logical expressions										
9		II	Locate and seek command										
10		II	for and while clauses										

11	4th	III	**Schema Refinement and normal forms** (Introduction schema refinement)										
12		III	Introduction to normal forms										
13	5th	III	Functional dependencies										
14		III	Reasoning about FD										
15		III	ACID property										
16	6th	III	1st Normal form,2nd Normal forms										
17		III	3rd Normal forms, BCNF										
18		III	Decompostion										
19	7th	III	Normalization										
20		IV	**Data warehousing and Data mining (**Emerging data based technologies**)**										
21		IV	Multimedia DB, Mobile DB, Spatial DB										
22	8th	IV	Concept of object , Tables, Querries, Forms, Reports										
23		IV	DCL, DTL										
24		IV	Form of a basic SQL query										
25		IV	Union and Intersect and Expect										

26	9th	IV	Introduction of nested query										
27		IV	Nested Queries										
28	10th	IV	Aggregate operators										
29		IV	Null values										
30			Revision										