JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : BCA	**Session : 2021- 24**	**Year : II**	**Sem: III**
Course: Database Management Systems Lab			
Name of the Faculty: Rashmi Ranjan	**Commencement Date: 29/08/2022**		**Date of Closure: 30 Dec 2022**

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			1. Database Schema for Emp_Details Emp(Eid, Ename, Age, Dept, Salary, Adress, City, State) For the above schema, perform the following—a) Create the table with the appropriate data types and integrity constraints b) Insert around 10 records in the Emp table										
2			c) List all the employee names whose age is 40 years.										
3			d) List all the employee names with their City name, whose salary is greater than 30000.										
4			e) List the details of employees whose basic salary is between Rs. 10,000 and 25,000.										
5			f) Display the names of only those employees who belong to Mumbai.										
6			g) List the details for an employee whose Eid=5										
7			h) Create a view which lists out the Eid, Ename and Dept.										
8			i) List the names of employees having salary greater than Rs. 10000 or first alphabet of his name is ‘B’.										
9			j) Delete the records of those employees whose salary is greater than Rs. 25000.										

10			2. Database Schema for Std_DetailsStd(Roll_no, Name, Age, Dept, Course, Semester, Fee, Result)For the above schema, perform the following— a) Create the tables with the appropriate data types and integrity constraints b) Insert around 10 records in the Std table											
11			c) Create a view which lists out the Roll_no and Name.											
12			d) Create a view which will show the student names and their result.											
13			e) List the students who have exactly five letters in their name.											
14			f) Find out the total fee paid by the students.											
15			g) Create a view which will display the table in ascending order with the names of student.											
16			h) Display the names of students having at least five characters in their name.											
17			i) Add a penalty of Rs. 1500 in the fee of second student											
18			j) Create a view which will display the student details belonging to either Delhi, Mumbai or Kolkata.											
19			3. Database Schema for Sports_Details Player(Reg_no, Name, Age, Sports_name, Fee)For the above schema, perform the following—a) Create the tables with the appropriate data types and integrity constraints b) Insert around 10 records in the Player table.											
20			c) Change the name of the fifth player to ‘Ramesh’.											
21			d) List the players who play tennis or cricket.											
22			e) Create a view which will display the player names and fee in descending order with their names.											
23			f) Delete all the player’s records whose age is below 20 years.											

24			g) Count total number of rows in the table.										
25			h) Add a new column Address to the existing table.										
26			i) Delete all the details from the table Player.										
27			j) Drop the table from its database.										
28			4. Database Schema for Student_Library scenarioStd(Std_no, Std_name) Membership(Mem_no, Std_no) Book(book_no, book_name, author) Iss_rec(iss_no, iss_date, Mem_no, book_no)For the above schema, perform the following—										
29			a. Create the tables with the appropriate data type and integrity constraints										
30			b. Insert around 10 records in each of the tables										
31			c. List all the student names with their membership numbers										
32			d. Give a list of books taken by student with std_no as 7.										
33			e. List the details of students who borrowed book whose author is ‘Floyd’.										
34			f. List all the issues for the current date with student and book names										
35			g. List the book details which are issued as of today										
36			h. Give a count of how many books have been bought by each student										
37			i. Create a view which lists out the iss_no, iss _date, std_name, book name										
38			j. Create a view which lists the daily issues-date wise for the last one week.										