MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA- 8
(Affiliated to Krishna University, Machilipatnam)
SYLLABUS

Subject: Computer Science   **Semester: IV**
Course Title: Database Management   **Course Code: 20CSP4DM4**
           - Practical
No of Hours: 30   LTP: 002   Credits: 2

Objectives

- To Identify entities, relationships and design databases.
- To be able to perform SQL and PL/SQL commands on the database.

Course Outcomes

CO1: Use the basics of SQL and create database tables and e stablish relationships between tables.
CO2: Formulate queries using SQL DML/DDL/DCL commands.
CO3: Apply SQL queries to relational databases.

List of practicals

1. Create tables department and employee with required constraints.
2. Initially only the few columns (essential) are to be added. Add the remaining columns separately by using appropriate SQL command.
3. Basic column should not be null
4. Add constraint that basic should not be less than 5000.
5. Calculate hra, da, gross and net by using PL/SQL
6. program. 6. The percentage of hra and da are to be stored separately.
7. When the da becomes more than 100 %, a message has to be
8. generated and with user permission da has to be merged with basic.
9. Empno should be unique and has to be gene rated automatically.

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Practical-Scheme of Valuation

Time: 3 Hrs.   **Max. Marks: 50**

Practical	Marks
Program Writing	15 M
Program Execution	15 M
Viva	10 M
Practical Record	10 M
Total	**50 M**