

## **Rubric for Database System Project**

- 1. Problem Definition & Requirements Analysis:** Problem is clearly defined, objectives are specific, realistic, and well-documented. Requirements gathered systematically.
- 2. Conceptual Design:** Comprehensive ER diagram, correct entities, attributes, relationships, cardinalities, and constraints. Normalization up to BCNF shown.
- 3. Logical & Physical Database Design:** Accurate mapping from ER model to relational schema, appropriate data types, keys, constraints, indexing considered.
- 4. Implementation (SQL / DBMS Use):** Efficient creation of tables, constraints, triggers, stored procedures, views; queries optimized; use of advanced SQL.
- 5. Query Demonstration & Reporting:** Wide range of queries (simple, aggregate, join, nested, views); reports generated clearly and correctly.
- 6. Documentation & Presentation:** Clear, structured report with problem, design, schema, queries, screenshots, testing, conclusion; professional presentation.