ADIKAVI NANNAYA UNIVERSITY :: RAJAHMAHENDRAVARAM

B. Com. Computer Applications Semester: IV   Credits: 4

Course: 4F DATABASE MANAGEMENT SYSTEMS Hrs/Wk: 5

Learning Outcomes for Database Management System. At the end of the course, the students is expected to DEMONSTRATE the following cognitive abilities (thinking skill) and psychomotor skills.

A. Remembers and states in a systematic way (Knowledge.

1. Understand the role of a database management system in an organization.

2. Understand basic database concepts, including the structure and operation of the relational data model.

3. Understand and successfully apply logical database design principles, including ER diagrams and database normalization.

4. Understand Functional Dependency and Functional Decomposition

B. Explains (Understanding).

5. To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modeling, designing, and implementing a DBMS

. 6. Perform PL/SQL programming using concept of Cursor Management, Error Handling, Packages. C. Critically examines, using data and figures (Analysis and Evaluation).

7. Apply various Normalization techniques.

8. Model an application's data requirements using conceptual modeling tools like ER diagrams and design database schemas based on the conceptual model

D. Working in 'Outside Syllabus Area' under a Co-curricular Activity(Creativity) Design and implement a small database project

E. Construct simple and moderately advanced database queries using Structured Query Language (SQL)(Practical skills)