



Code	Subject Title	Cr. Hrs	Semester
BBA-204	Data Base Management System	3	III
Year	Discipline		
2	Business Administration		

ESSENTIAL TOPICS TO BE COVERED:

- a. Basic Database concepts
- b. Relational Database System: understanding, query and report
- c. Various problems in Database management and their solutions

COURSE DESCRIPTION:

Basic database concepts; Entity Relationship modeling, Relational data model and algebra, Structured Query language; RDBMS; Database design, functional dependencies and normal forms; Transaction processing and optimization concepts; concurrency control and recovery techniques; Database recovery techniques; Database security and authorization. Introduction to data mining, object oriented, distributed and multi dimensional databases. Small Group Project implementing a database

Recommended Books:

1. Database Systems: A Practical Approach to Design, Implementation and Management by R.Connolly and P.Begg, 4th Edition, Addison-Wesley Pub. Co (2003)
 2. Database Systems by C.J.Date, 8th Edition, Addison Wesley Pub. Co.
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