



Dr. V. N. Bedekar Institute of Management Studies, Thane
Teaching Plan (MMS / PGDM)
Academic Year (2014-15)

Programme: MMS

Semester: III

Name of the Course: Data base Management Systems

Maximum marks: 100

No. of Sessions: 15

Name of the Faculty: Maonalisa, Pradhan

Mobile No:

Email: mpradhan@vpmthane.org

Web link

Learning Objectives:

Reference Books:

1. Database Management Systems by C J Date
 2. Database Concepts by Korth and Silberschatz
 3. Database Concepts by David Lockman
 4. Database Management System by James Martin
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Plan:

Session No	Topics to be covered	Pedagogy	Remark
1	What is a Database, Need and Objectives of a database and a DBMS	Lecture	
2	Historical perspective – evolution of DBMS – flat files, hierarchical ,	Lecture	
3	Network and relational DBMS	PPT, Case	



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		study,whiteboard	
4	Understanding the Relational DBMS model – entities, tuples etc	PPT, Case study, whiteboard	
5	Concept of Normalization – 1st , 2nd and 3rd normal forms	PPT, Case study, whiteboard	
6	Use of E-R model or Object Relation model for Conceptual database Design	PPT, Case study, whiteboard	
7/8	Structured Query Language – Writing SQL queries for typical business situations – developing an understanding of complex query situations such as joins , inner and outer joins nested queries and tree structured queries. Operations such as Union etc	PPT, Case study, whiteboard	
9/10	Hands on sessions on any DBMS would be required for this module so as to develop an understanding	PPT, Case study, whiteboard	



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	of design issues as well as SQLI		
11	Case Studies and Presentations	PPT, Case study, whiteboard	
12	Case Studies and Presentations	PPT, Case study, whiteboard	



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Evaluation:

I) Internal:

Component	Details	Marks
Class Test, Assignment	2 tests, best of two	20
Presentation, etc.	Topic wise, Case study	10
Class Participation	Oral Questions, Debate, Query, Attendance	5
Student Conduct	Grooming, Behaviour	5

Pradhan, Maonalisa

Signature of Faculty

Signature of Co-ordinator