

Kadi Sarva Vishwavidhyalaya, Gandhinagar
BCA Semester II
BCA207 – Part 2: Core 5 (Practical)
Database Management System – I

Rationale

The course is intended to make students familiar with the features of Database Tools .It focuses on both basic and advanced features.

Learning outcome

- To Gain the knowledge of various DBMS software Tools
- To develop skills for effective use of DBMS Software
- To Understand how to use the Database in Day-to-Day Life

Resource Required

- Lab Facility with Microsoft Office Software
- Projector

Teaching Scheme & Exam Scheme:

Sub. Code	Sub. Type	Subject Title	Teaching Scheme		Exam Scheme				
			Cr.	Hrs. / Week	Theory		Practical		Total Marks
					Internal	External	Internal	External	
BCA 207	Core	Database Management System -I	2	4	-	-	15	35	50

Unit 1: Database, Tables and Queries

Applications: Database and tables will manage the data in a structured way, and queries will allow you to retrieve required information from the pool of data.

- Creating a New Database
 - Creating a Table(Using wizard , Using Design view)
 - Data Types, Applying Primary Key, Entering Data , Field Properties
 - Giving Relationship ,Sorting and Searching , Filters
 - Concept of Foreign Key(Parent Table, Child Table)
- Queries
 - Simple Queries on Single Table
 - Simple Queries on Multiple Tables
 - Action Queries

Unit 2: Forms, Reports and across

Applications: Forms will allow you to collect information in the proper format. Reports provide information in a useful way. And Macro allows you to automate tasks and add functionality to the form

- Simple Forms(Using Wizard, Using Design View)
- Sections on a Form
- Controls on a Form(Label, Text Box, Combo Box, List Box, Command Button, Option Group, Tab Control, Option Button, Check Box, Toggle Button)
- Creating Sub Form
- Simple Reports(Using Wizard, Using Design View)
- Group Reports , Simple Macro

Note: Practical's and Examination can be conducted using any DBMS software.

Evaluation Scheme:

Practical	Viva	Journal	Total
21	7	7	35

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