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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and****Tool** | **Cross-cutting issues****integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | DATABASE MANAGEMENT SYSTEMS | 1 .It helps to keep call records, monthly bills, maintaining balances, etc. For storing information about stock, sales, and purchases of financial instruments like stocks and bonds. Use for storing customer, product & sales information.2.Advantages of Database Management System* Data Integrity. Data integrity means data is consistent and accurate in the database.
* Data Security. Data security is a vital concept in a database.
* Better data integration.
* Minimized Data Inconsistency.
* Faster Data Access.
* Better decision making.
* Simplicity.
* Recovery and Backup.
 | 1. Chalk and

Talk method1. PPT
 | * Business

 Ethics* Human

 values | PO1:Engineering KnowledgePO2:Problem AnalysisPO3:Design/Development Of SolutionsPO4:Conduct Investigations Of Complex ProblemsPO5:Modern Tool UsagePO6: Engineer and SocietyPO7:Environment And SustainabilityPO8:ETHICSPO9:INDIVIDUAL AND TEAM WORKPO10:COMMUNICATIONPO11:Project Management and Finance. PO12: Life-longLearning. |  |
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|  |  | PSO1:Professional SkillsPSO2:Problem Solving Skill |
|  |  | PSO3: Successful |
|  |  | career and |
|  |  | entrepreneurship |
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|  |  | CO1:Identify,analyze and define database objects, enforce integrity constraints and understand schema and ER diagram on a database using RDBMS.CO2:Make use of relational algebra and SQL for database manipulation.CO3:Design and build simple database systems or applications using embedded and dynamic SQL.CO4:Develop applications to interact with the database.CO5:Understand and apply dependencies, normalization and normalization algorithms on a designed database.CO6:Understand transaction processing, concurrency control and database recovery protocols. |
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