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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and**  **Tool** | **Cross-cutting issues**  **integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | DATA COMMUNICATION | 1. The main goal of the computer network is Resource Sharing. It is to create all the programs, data and hardware accessible to anyone on the network without considering the resource's physical area and the client. 2. List of advantages of Computer Networking are:  * It enhances communication and availability of information. * It allows for more convenient resource sharing. * It makes file sharing easier. * It is highly flexible. * It is an inexpensive system. * It increases cost efficiency. * It boosts storage capacity. | 1. Chalk and   Talk method   1. PPT | * Business   Ethics   * Human   values | PO1:Engineering Knowledge  PO2:Problem Analysis  PO3:Design/Development Of Solutions  PO4:Conduct Investigations Of Complex Problems |  |
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|  |  | PSO1:Professional Skills  PSO2:Problem Solving Skill |
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|  |  | CO1:Illustrate basic computer network technology.  CO2:Explain the various components of data communication.  CO3:Explain the fundamentals of digital communication and switching.  CO4:Distinguish various data link layer protocols.  CO5:Summarize IEEE 802.xx standards |
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