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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and**  **Tool** | **Cross-cutting issues**  **integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | COMPUTER NETWORKS AND SECURITY | 1 Students beginning to learn about cryptography will discover there are two primary methods to encrypt data: symmetric and asymmetric. In symmetric cryptography, the sender and the recipient of the data both use the same key to encrypt and decrypt the information.  2.Student will learn from network security following things   * Security essentials. * Cryptography. * Computer networks and security. * Application security. * Data and endpoint security. * Identity and access management. * Cloud security. * Cyber attach phases. | * Chalk and   Talk method   * PPT | * Business   Ethics   * Human   values | PO1:Engineering Knowledge  PO2:Problem Analysis  PO3:Design/Development Of Solutions  PO4:Conduct Investigations Of Complex Problems  PO5:Modern Tool Usage  PO9:INDIVIDUAL AND TEAM WORK |  |
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|  |  | PSO1:Professional Skills  PSO2:Problem Solving Skill |
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|  |  | **CO1:Explain** the principles of application layer protocols  **CO2:Classify** transport layer services and infer UDP and TCP protocols  **CO3:Classify** routers, IP and Routing Algorithms in network layer  **CO4:Explain** the basics of network security and algorithms used in security.  **CO5:Describe** Multimedia Networking and Network management |
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