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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 KnowledgePO2:Problem AnalysisPO3:Design/Development Of SolutionsPO4:Conduct Investigations Of Complex ProblemsPO5:Modern Tool UsagePO9:INDIVIDUAL AND TEAM WORK |  |
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|  |  | PSO1:Professional SkillsPSO2: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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