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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and**  **Tool** | **Cross-cutting issues**  **integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | Information & Network 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 |  |
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|  |  | PSO1:Professional Skills  PSO2:Problem Solving Skill |
|  |  | PSO3: Successful |
|  |  | career and |
|  |  | entrepreneurship |
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|  |  | **CO1** Analyze the vulnerabilities in any computing system and hence be able to design a security solution.  **CO2** Identify the security issues in the network and resolve it.  **CO3** Evaluate security mechanisms using rigorous approaches, including theoretical  **CO4** Compare and Contrast different IEEE standards and electronic mail security |
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