|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sl. No | Syllabus | Curriculum | Deployment Strategy andTool | Cross-cutting issuesintegrated | 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 method1. PPT
 | * Business

 Ethics* Human

 values | PO1:Engineering KnowledgePO2:Problem AnalysisPO3:Design/Development Of SolutionsPO4:Conduct Investigations Of Complex ProblemsPO5:Modern Tool Usage PO12: Life-longLearning. |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | PSO1:Professional SkillsPSO2:Problem Solving Skill |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | CO1: Illustrate basic computer network technology.CO2:Identify the different types of network concepts and protocols.CO3:Enumerate the functions of transport layer and data link layer of the OSI model.CO4:Enumerate the functions of Media Access Control sub-layer and wired & wireless LAN protocols. CO5:Illustrate the basics of network layer protocols and packet formats. |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |  |
|  |  |  |
|  |  |  |

