|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and**  **Tool** | **Cross-cutting issues**  **integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | Storage Area Networks | 1.A storage area network (SAN) is a dedicated, independent high-speed network that interconnects and delivers shared pools of storage devices to multiple servers. Each server can access shared storage as if it were a drive directly attached to the server.  2.Rather than having several servers with various levels of hard drive utilization (one full, another half-empty), a SAN allows you to pool your storage and dynamically allocate exactly what each server requires. This means you'll spend less on drive for your servers and us the space on your SAN more efficiently.  3.NAS is often a single device made up of redundant storage containers or a redundant array of independent disks (RAID). SAN storage can be a network of multiple devices, including SSD and flash storage, hybrid storage, hybrid cloud storage, backup software and appliances, and cloud storage.  . | 1. Chalk and   Talk method   1. PPT | * Business   Ethics   * Human   values | PO1:Engineering Knowledge  PO2:Problem Analysis  PO3:Design/Development Of Solutions  PO7:Environment And Sustainability  PO9:INDIVIDUAL AND TEAM WORK |  |
|  |  | PO10:COMMUNICATION  PO12: Life-long  Learning. |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | PSO1:Professional Skills  PSO2:Problem Solving Skill |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | CO1:Identify key challenges in managing information and analyze different storage networking technologies and virtualization.  CO2:Explain components and the implementation of NAS.  CO3:Describe CAS architecture and types of archives and forms of virtualization.  CO4:Ilustrate the storage infrastructure and analyze management activities.  CO5:Illustrate the different characteristics and operations of cloud computing |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

