|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and****Tool** | **Cross-cutting issues****integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | C# and .Net Programming | 1. NET (pronounced dot net) is a framework that provides programming guidelines that can be used to develop a wide range of applications–––from web to mobile to Windows-based applications. The . NET framework can work with several programming languages such as C#, VB.NET, C++ and F#.
2. Net Framework is a software development platform developed by Microsoft for building and running Windows applications. The . Net framework consists of developer tools, programming languages, and libraries to build desktop and web applications. It is also used to build websites, web services, and games.
3. Net comprises both frontend and backend languages. As for example, ASP.NET is used as backend and C# & VB.NET are used for frontend development
 | 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 UsagePO6: Engineer and SocietyPO7:Environment And SustainabilityPO9:INDIVIDUAL AND TEAM WORKPO10:COMMUNICATIONPO11:Project Management and Finance. PO12: Life-longLearning. |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | PSO1:Professional SkillsPSO2:Problem Solving Skill |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | **CO1** Build applications on Visual Studio .NET platform by understanding the syntax and semantics of C#**CO2** Demonstrate Object Oriented Programming concepts in C# programming language**CO3** Design custom interfaces for applications and leverage the available built-in interfaces in building complex applications.**CO4** Illustrate the use of generics and collections in C# |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

