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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and**  **Tool** | **Cross-cutting issues**  **integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. | Embedded Computing System | 1.Embedded systems are combinations of hardware and software. The purpose of embedded systems is to control a device, a procedure, or a larger system/framework. ... This results in increasing jobs in embedded systems. One of the most important reasons for this is that it is a major part of IoT, which is a new big thing  2.Advantages of Embedded System :   * Simple to deliver higher creation. * Less costs for per bit of resultant. * It has not many interconnections. * It has Better steady and Higher speed. * It has Higher dependable. * To use for one errand. * Versatile because of little in size   . | 1. Chalk and   Talk method   1. PPT | * Business   Ethics   * Human   values | PO1:Engineering Knowledge  PO3:Design/Development Of Solutions  PO5:Modern Tool Usage |  |
|  |  | PO10:COMMUNICATION  PO12: Life-long  Learning. |
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|  |  | PSO1:Professional Skills |
|  |  | PSO3: Successful |
|  |  | career and |
|  |  | entrepreneurship |
|  |  | CO1 Distinguish the characteristics of embedded computer systems.  CO2 Examine the various vulnerabilities of embedded computer systems.  CO3 Design and develop modules using RTOS.  CO4 Implement RPC, threads and tasks |
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