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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and****Tool** | **Cross-cutting issues****integrated** | **PO, PSO and CO** | **Attainment Verification** |
| 1. |  MICRO CONTROLLER AND EMBEDDED SYSTEMS LABORATORY | * To enable the students to simulate and test the Analog, Digital and mixed Electronics circuits using MATLAB Software.
* To provide a platform for the students to do multidisciplinary projects.
* To Study the power flow problems using provided Softwares
* To carry out high quality research in the field of Power System Simulation.
 | 1. Chalk and

Talk method1. PPT
 | * Business

 Ethics* Human

 values | PO1:Engineering KnowledgePO2:Problem AnalysisPO3:Design/Development Of SolutionsPO5:Modern Tool UsagePO10:COMMUNICATION |  |
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|  |  | PSO1:Professional SkillsPSO2:Problem Solving Skill |
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|  |  | CO1:Understand the ARM7/TDMI/LPC2148 evaluation board/simulator like embedded C, Keil µ-Vision-4 tool/Compiler.CO2:Develop the Microcontroller conceptual programs to solve various arithmetic and logical problems.CO3:Construct the program to implement applications using ADC CO4:Design and Develop the programs to implement the LED, LCD applications |
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