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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and**  **Tool** | **Cross-cutting issues**  **integrated** | **PO, PSO and CO** | **Attainments** | **Attainment Verification** |
| 1. | ANALOG AND DIGITAL ELECTRONICS LABORATORY | A student who successfully fulfills the course requirements will have demonstrated: 1. An ability to operate laboratory equipment.  2. An ability to construct, analyze, and troubleshoot simple combinational and sequential circuits.  3. An ability to design and troubleshoot a simple state machine. 4. An ability to measure and record the experimental data, analyze the results, and prepare a formal laboratory report. | 1. Chalk and   Talk method   1. PPT | * Business   Ethics | PO1:Engineering Knowledge  PO2:Problem Analysis  PO3:Design/Development Of Solutions  PO5:Modern Tool  PO9:INDIVIDUAL AND TEAM WORK  PO12: Life-long  Learning. |  |  |
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|  |  | PSO1:Professional Skills  PSO2:Problem Solving Skill |  |
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|  |  | CO1:Design analog circuits along with different electronics devices and components.  CO2:Design and Implement several combinational logic circuits.  CO3:Design and Implement several sequential logic circuits.  CO4:Design and Implement various data processing circuits.  CO5:Understand and simulate numerous analog and digital circuits |  |
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