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| **Sl. No** | **Syllabus** | **Curriculum** | **Deployment Strategy and****Tool** | **Cross-cutting issues****integrated** | **PO, PSO and CO** | **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 method1. PPT
 | * Business

 Ethics | PO1:Engineering KnowledgePO2:Problem AnalysisPO3:Design/Development Of Solutions |  |
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|  |  | PSO1:Professional SkillsPSO2:Problem Solving Skill |
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|  |  | CO1:Design simple electronic circuits using components for given specifications CO2:Interpret the various amplifier configurations and study their working principles. CO3:Design the feedback amplifiers, power amplifier circuits and various optoelectronic circuits CO4:Design and implement different oscillator circuits, Power supply circuits for various specifications CO5:Evaluate the working of Op-Amps and its applications  |
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