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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 method   1. PPT | * Business   Ethics | PO1:Engineering Knowledge  PO2:Problem Analysis  PO3:Design/Development Of Solutions |  |
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|  |  | PSO1:Professional Skills  PSO2: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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