



Electronic LAB II

This is a second-year students' laboratory, it is given during the second semester and introduces the students to the basics of electronic circuits using workbench program.

LABORATORY OBJECTIVES.

1. Introduce students to the basics of logic gates and their characteristics.
2. Teaching the student how to:
 - a. Design of synchronous / asynchronous sequential circuits.
 - b. Design Synchronous Counter.
 - c. Design Special Order Counter.
 - d. Design Special Order Counter.
 - e. Design and Implement a sequence Detector.
 - f. Design Sequence Detector with Counter.
 - g. Design of Sequential Circuits with inputs and output.