

Apollo Institute of Engineering and Technology

List of Experiments

Branch: EE

Subject: Digital Electronics (2140910)

1. To study and verify Logic Gates.
2. To study and verify Universal Gates using NAND Gates.
3. To study and verify Universal Gates using NOR Gates.
4. To study and verify Boolean Expression.
5. To study And Verify Half And Full Adder.
6. To study and d Verify Half And Full Subtractor.
7. To study and Verify Binary To Gray Converter.
8. To study and Verify Magnitude Comparator.
9. To study and Verify 3 To 8 Decoder.
10. To study and Verify 8 To 1 Multiplexer.
11. To study and Verify SR Flip Flop, D flip Flop, JK Flip Flop and T Flip Flop.
12. To study and Verify Ripple Counter.
13. To study and Verify 8 Bit Analog To Digital Converter.
14. To study and Verify 8 Bit Digital To Analog Converter