

Name of Lab: Digital Electronics Lab
Floor Area: 66 Sq. m.

| S. No. | Items | Specifications | Make | Qty. |
|--------|--|---|-----------|------|
| 1. | Logic gates Kit (Model No.-LTB-10) | Two, Three I/P Positive & Negative Logic gates verification. | Vijay | 02 |
| 2. | Half & Full Adder Kit (Model No.-HA-07) | Verification Truth Table of Half & Full Adder | Vijay | 02 |
| 3. | RS, D & JK Flip Flop Kit (Model No.-F-02) | Study of RS, D & JK Flip Flop | Vijay | 04 |
| 4. | Multiplexer Kit | Verification Truth Table of Multiplexer. | Vijay | 01 |
| 5. | Demultiplexer Kit | Verification Truth Table of Demultiplexer. | Vijay | 01 |
| 6. | Counter & Sift Resister Kit (Model No.-CSR-10) | Study of Counters & Sift Resisters. | Vijay | 02 |
| 7. | Multivibrator Kit (Model No.- TMS-OSW-323) | Bistable, Free running & Monostable Multivibrator. | Trinity | 01 |
| 8. | Integrated Circuit Timer Kit (Model No.-555) | Preset time delay, Free running & Monostable Multivibrator. | Vijay | 01 |
| 9. | 8-Bit ADC Kit (Model No.- TMS-DT-551) | Digital Converter using ADC (0809), 1k Hz TTL Clock, DC Power Supply, 5V/350 mA | Trinity | 01 |
| 10. | 4-Bit ADC Kit (Model No.- DT-553) | 4-Bit Digital Converter using ADC (0809), 1k Hz TTL Clock, DC Power Supply, 5V/350 mA | Trinity | 01 |
| 11. | 8-Bit DAC Kit (Model No.- TMS-DT-557) | 8-Bit Binary Counter (74163), 1k Hz TTL Clock, DC Power Supply, +5V, +/-12V350 mA | Trinity | 01 |
| 12. | 4-Bit DAC Kit (Model No.- DT-558) | 4-Bit Binary Counter (74163), 1k Hz TTL Clock, DC Power Supply, +5V, +/-12V350 mA | Trinity | 01 |
| 13. | Oscilloscope (CRO) (Model No.-ST-251) | 4- Trace, 25 MHz | Scientech | 01 |