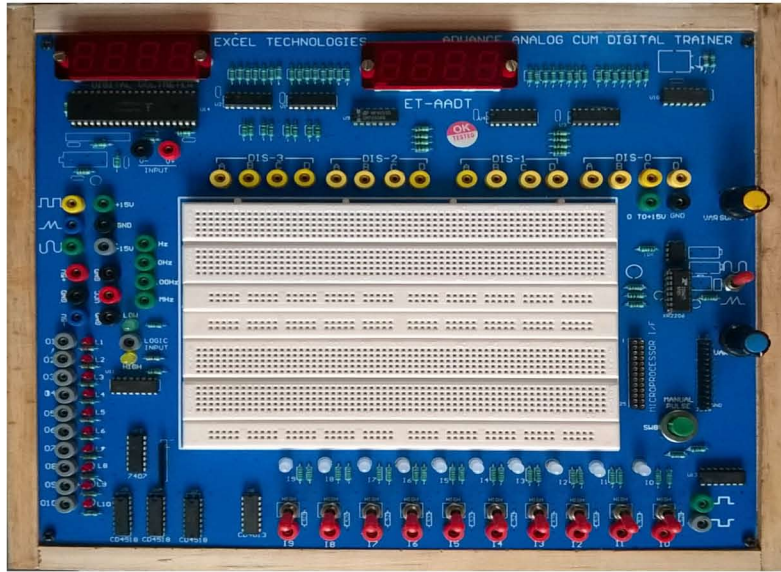




# ADVANCE DIGITAL TRAINER KIT



## MODEL : ET-ADT

ET-ADT Advance Digital Trainer has been designed with the Idea of providing basic facilities essential for conducting simple experiments in the Laboratory. Using these facilities one can get familiarized with the various Digital ICs. The system is suitable for conducting experiments on TTL as well as CMOS ICs.

The system has on board facility of four crystal generated clock outputs of 1MHz, 100 Hz, 10 Hz and 1 MHz. It has a facility of single pulse generation by push button switch, four seven segment displays with BCD inputs and has a Bread board area facility of 1680 TIE points.

The system has 10 TTL or CMOS input facility, which can be used for feeding to the IC. The system also has 10 LED to display the status of the Input fed to the IC. The status is displayed by dual color LED.

A logic probe has been added to monitor the Low, High or pulse status on any of the IC pin.

The power supplies are distributed on the board to make it easy to take the connection from anywhere on the Board.

### Specification :

- 7 segment LED display (2 nos)
- Logic input switches (10 nos)
- Logic status indicators (10 nos)
- Bounce less pulsar 1 Hz to 100KHz TTL clocks
- Breadboards (2 nos)
- Power LED indication
- Built in regulated power supply: 5v/1A, 12v/1A DC
- AC input: 230v AC, 50Hz +10%
- Mounted on a sophisticated cabinet
- Document: Detailed operational manual complete with theory and operating details.
- Accessories: Patch cords.

Note : Specifications are subject to change due to our constant efforts for Improvement. Please refer to quotation for final specifications.