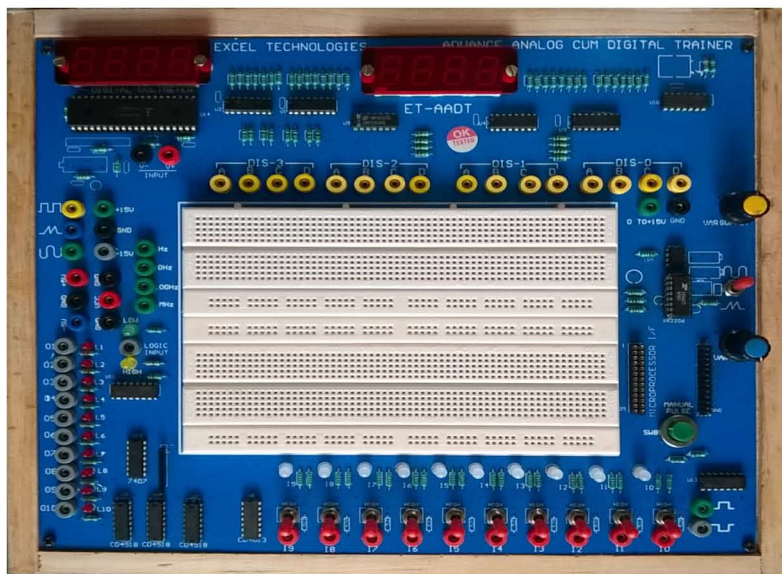




# ADVANCE ANALOG CUM DIGITAL TRAINER KIT



MODEL : ET-AADT

ET-ADDT Analog cum 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 Analog & 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 Hz. 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 1240 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 :

- 10 TTL / CMOS compatible Logic Level Inputs
- Logic HIGH or LOW are displayed by **dual color LED**
- 10 TTL/ CMOS compatible Outputs
- Four crystal generated clock outputs of 1MHz, 100 Hz, 10 Hz & 1Hz.
- Facility for single pulse generation by a push button switch
- In built function generator with **Sinusoidal, Tri-angular & Square waves.(with variable Freq)**
- Logic Probe to check Logic Low, Logic High and pulse
- Four seven segment displays with BCD inputs.
- **Onboard Digital Voltmeter**
- **Interface for the Microprocessor Kit through 26 pin Flat Cable**
- Bread Board area with facility of 1240 Tie Points or more.
- Capable of accepting wire diameter from 0.3 to 0.8 mm
- Power supplies:
  - +5V and -5V Power Supply.
  - +15V and -15V Power Supply
  - 0 to 15V Variable D.C.
- Enclosed in Wooden / Plastic Box
- The Trainer is supplied with the required Jumper wires for conducting experiments.

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