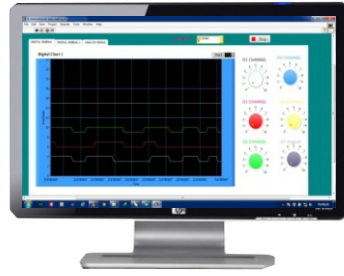


# Digital Training system with software

## PC WITH SOFTWARE



**ANALOG DATA DISPLAY**  
(6 analog outputs on a single window)



**DIGITAL DATA DISPLAY**  
(6 digital signals on a single scope)

## INTRODUCTION

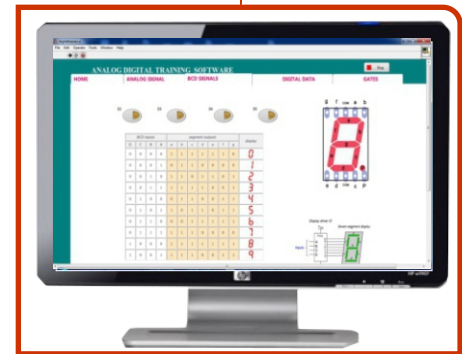
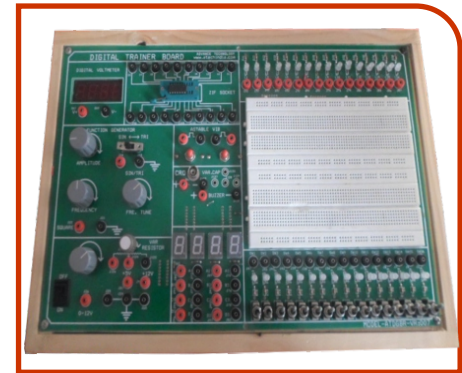
- The advance digital training System is provided with a software any can be interfaced with any computer / laptop.
- The system is provided small size usb based data logger.
- The training kit provide graphical representation various digital logic and circuit.
- It has all the features for both combinational and sequential circuit designing.

## SPECIFICATIONS

- 10 Digital logics inputs thru Toggle switches
- 10 Digital Logic output thru LEDs.
- Built in power supply (+5,  $\pm 12$  variable)
- On Board Bread Board:-01 No.
- Built in Signal Generator (sine / square/1 to 10 KHz O/p).
- Seven segment Display: - 01 seven segments are provided on board with drive IC 7447.
- On Board Pulsar and continuity testers.
- PC Interface for analog input and gate study and seven segment control from digital trainer software.
- Fault a detection facility on hardware through software interface using usb pc DAQ.

## APPLICATION

- Pc To study the working of multiplexer using Digital trainer board zif socket.
- To study the working of decoder using Digital trainer board zif socket.
- To study the working of EX-OR gate using Digital trainer board zif socket.
- To study the working of not gate using Digital trainer board zif socket.
- To study the working of bcd to seven segment.



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