

Computer Logic Training Board has been designed specifically for the study of Dual Nature of Logic Gates. This Training Board gives a better understanding of the phenomena of duality with the help of verification of truth tables of Dual gates. This board also explains combinational logic function Boolean variables and generation of truth tables.

The board is absolutely self contained and requires no other apparatus. Practical experience on this board carries great educative value for Science and Engineering Students.



**Object:**

01. To demonstrate a combinational logic function and to provide practice in using Boolean variables.
02. To provide practice in evaluating a truth table.
03. To verify dual nature of logic gates.

**Features:**

The board consists of the following built-in parts :

01. +5V D.C. at 200 mA, IC regulated power supply internally connected.
  02. Quad 2-Input OR Gate IC.
  03. Quad 2-input AND Gate IC.
  04. Hex inverter IC.
  05. Quad 2-input NAND Gate IC.
  06. Quad 2-input NOR Gate IC.
  07. LEDs for visual indication of status.
  08. SPDT switches for logic selection.
  09. Adequate no. of other Electronic Components.
  10. Mains ON/OFF switch, Fuse and Jewel light.
- \* The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
  - \* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
  - \* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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