



Computer Logic Training Board has been designed specifically for the study of Arithmetic & Logic function by using 74181 chip. 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:**

To study the Arithmetic Logic Unit (A.L.U.) chip 74181 for performing the following operations.

01. Logical operation.
02. Arithmetic operation.
03. Comparison of Two Binary numbers.

**Features:**

The board consists of the following built-in parts :

01. +5V D.C. at 100mA, IC Regulated Power Supply of internally connected.
  02. One A.L.U. IC 74181.
  03. One Logic state indicator to check the logic state of various pins of IC.
  04. Switches for logic selection.
  05. LEDs for visual indication of output data.
  06. Adequate no. of other Electronic Components.
  07. Mains ON/OFF switch, Fuse and Jewel light.
- \* The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
  - \* Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ metre.
  - \* 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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