

Computer Logic Training Board has been designed specifically for the study of Pre-settable Counter. This Training Board gives a better understanding of 5-bit counting, starting from a preset initial number and frequency division of clock input by factors of 2, 3, 4, 5, 6, 7, 8, 9 & 10.

Practical experience on this board carries great educative value for Science and Engineering Students.



**Object:**

01. To study beginning of counting for a Preset initial number.
02. To study divide by N programmable counter to give gating pulse of desired duration.

**Features:**

The board consists of the following built-in parts :

01. + 10V D.C. at 50mA, IC regulated power supply internally connected.
  02. Timer 555 IC.
  03. Pre-settable Counter IC 4018.
  04. Two NAND GATE ICs 4011.
  05. SPDT switches for logic selection.
  06. LEDs for visual indication of status.
  07. Adequate no. of Electronic Components.
  08. Mains ON/OFF switch, Fuse and Jewel light.
- \* The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
  - \* Adequate nos. of patch cords stackable from rear both ends 2mm spring loaded plug, length 1/2 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.

**Other Apparatus Required:**

- \* Frequency Counter 6 digit Order Code - 16915
- \* Dual Trace Cathode Ray Oscilloscope 20MHz.

Note: Specifications are subject to change.

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