

Product Name : Opto Electronic Devices Characteristics	Product Code : NLAB-ELECTRONICSAB420015
Description : Opto Electronic Devices Characteristics	
Technical Specification : <p>Experimental Training Board has been designed specifically to study the characteristics of Opto Electronic Devices. Different experiments have been included in this Opto Electronic Devices characteristics board in order that a wide range of topics on Opto Electronics Devices Characteristics be covered in a short span of time. All the circuits for obtaining the characteristics of various devices can be easily assembled on this versatile training board itself.</p> <p>Practical experience on this board carries great educative value for Science and Engineering Students.</p> <p>Object:</p> <p>To study the characteristics of the following opto electronic devices :</p> <ol style="list-style-type: none">01. Light Emitting Diode (LED).02. Photo Diode.03. Photo Transistor.04. Light Dependent Resistor (L.D.R.).05. Photo Voltaic Cell.06. Optocoupler.	

Features:

The board consists of the following built-in parts:

01. Two 0-10V D.C. at 100mA, continuously variable regulated Power Supplies.
02. Digital Voltmeter DC 3½ Digit having Dual range of 2V / 20V.
03. Digital Current meter DC 3½ Digit having Dual range of 2mA / 20mA
04. Digital Current meter DC 3½ Digit having Dual range of 200mA / 20mA
05. Opto Electronic Devices:
 - 5.1 Light Emitting Diode (LED)
 - 5.2 Photo Diode
 - 5.3 Photo Transistor
 - 5.4 Light Dependent Resistance (LDR)
 - 5.5 Photo Voltaic Cell
 - 5.6 Opto Coupler
06. Adequate no. of other electronic components.

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.

Other Apparatus Required:

Variac 0-230V, 50Hz at 2 Amp

40 Watts, table lamp

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003