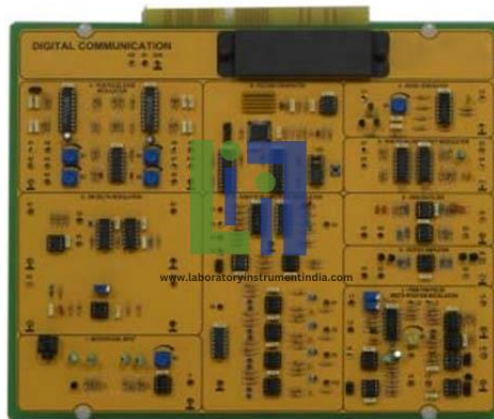




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
OPTO Electronics

**Product Code :**  
LBNY-0005-12400045



#### **Description :**

With this board the students can study the luminescent characteristics of the colors by analyzing factors such as change in color and intensity of light. The design and construction of electronic circuits to solve practical problems is an essential technique in the fields of electronic engineering and computer engineering. To fully understand these concepts tools as LED, photo detectors, LCD display, infrared detector and optical switches are used.

#### **Technical Features:**

- Light drivers
- 555 Oscillator
- LCD driver
- Photo detector
- LEDs
- Infrared Transmitter/Receiver
- Slotted optical switch
- Couplers
- LCD display and voltmeter.

#### **Technical Specification :**

#### **Theoretical Topics:**

- LEDs technical features
- Concepts of Liquid Crystal Display
- LCD types

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Concepts of physics on light and colours

Light radiation

Light bulb operation

The vision of colour

LEDs

Photo resistors

Infrared radiation

Light sensors

Photo diodes

Fault simulation.

Op to isolators.



**Laboratory Instrument India**