

**Product Name :**  
Voltage Regulator Trainer Using

**Product Code :**  
NLAB-ELECTRICALAB210074



**Description :**

Voltage Regulator Trainer Using

**Technical Specification :**

**SCOPE OF LEARNING:**

Trainer used to study Voltage Regulation using

POWER TRANSISTOR 2N3055

**TECHNICAL SPECIFICATIONS:**

Digital Meters

Voltmeter 200V

Ammeter 2A

Power Supplies:

0-12V, 250mA AC Isolated Power Supply.

0-30V, 1A AC Isolated Power Supply.

+5V DC, 250mA Regulated Power Supply

Operated on Mains power 230V, 50Hz +10%

Components are mounted on the panels are:

IC

Capacitor

Transistor

Resistor

Bridge Rectifier

Led

Regulator

Variable Resistor

#### DISCRIPTION:

Instrument comprises of AC Power Supply 0-30V,1A

Two Digital Meters to measure Input & Output Voltage and Current.

Blocks for Power Supply are given on board.

One Block Power Transistor Circuit is given.

Variable resistor is given for adjustment.

Rectifier Circuit is given on board.

741 IC are given on board for Voltage and Current.

One Filter circuit is given on board.

One load regulation circuit is given on board for regulation.

#### SALIENT FEATURES:

Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.

Fuse for Short Circuit protection

Instruction manual.

Connections are brought out through 2mm Colored Sockets.

Patch Cords 2mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x8"

## Naugralabequipments

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

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