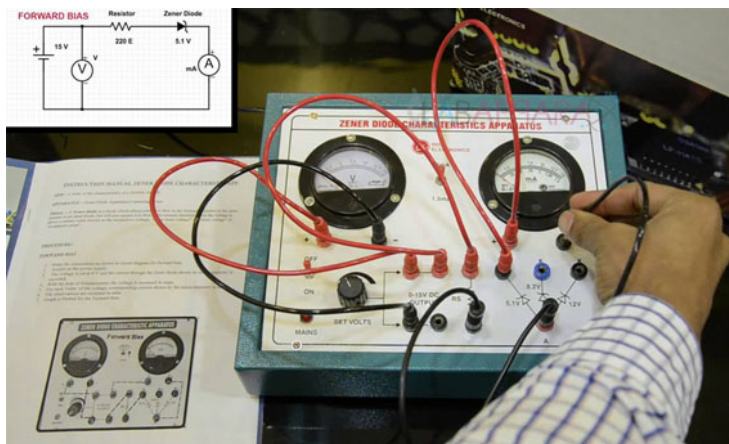


## Transmission Line Trainer (RLC BASED)



**Product Categories:** [Basic Communication Lab](#), [Engineering Equipment](#)

**Product Page:**

<https://www.labappara.com/product/transmission-line-trainer-rlc-based/>

### Product Description

#### Transmission Line Trainer (RLC BASED)

#### Specifications:

Electrical control panel with 1 Nos. 3 phase 3KVA transformer.(1KVA per phase)

Panel size 42"x24"

Protection with 3 Phase Over Voltage, Under Voltage combined and Over-Current 1 phase Relay

Transformer provided will be high quality copper wound

Primary of transformer of 440V and secondary of the transformer will be 220V.

Transformer will be differently housed in a MS powder cabinet for easy carrying and other general use.

Transmission line made of RLC component for 400 meter. Line simulation.

Electrical panel fitted with front panel of high class insulated Bakelite sheet 6mm of thickness.

It is fitted with appropriate Digital voltmeter, ammeter to record the readings.

Short circuit protection with the help of MCB.

1 NOS. 5A variable AC Supply is provided separately through variac for short circuit test.

3 Types load system will be provided resistive (internally), inductive (Externally) and Capacitive (Internally).

Lamp loads are of star connected (2 nos.) and delta (1nos.) connected on the front panel.

Connections through 4mm highly shockproof safety sockets

Supplied with instruction manual

Digital Voltmeter Ammeter are connected on the front panel to measurement the electrical voltage current system.