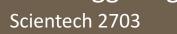
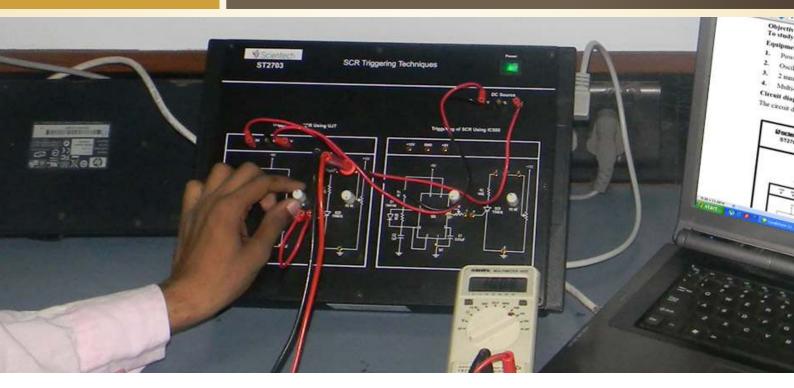


## **SCR Triggering Techniques**





Scientech 2703 is a platform where Students can understand the various thyristor firing technique by using IC 555 and UJT. This is very useful for understanding of pulse generation. 2703 is provided with in built power supplies, sockets for making interconnection in the circuit and exhaustive learning material.

## **Features**

- **Built in Power Supply**
- Easy to operate and understand
- Two triggering circuits on single board
- Test points to observe output pulses
- Sockets to make different connections
- On board DC sources of 5 V and 12 V

## **Scope of Learning**

- Study of the triggering of SCR using UJT
- Study of the triggering of SCR using TC555

## **Technical Specifications**

On board AC source 18 V - 0 V - 18 V

On board DC Supply +5 V, +12 V

On board triggering circuits:

555 IC triggering circuit

UJT triggering circuit

Interconnection 2 mm socket

**SCR** SCRs TYN616, 600V/16 A

**Test points** 4 nos

Dimensions (mm) W 420 x D 255 x H 100 **Power Supply** 110V - 260V AC, 50/60Hz

Weight 1 Kg. (approximately)

**Operating Conditions** 0-40°C, 85% RH

**Product Tutorial** Online on www.ScientechLearning.com

**Included Accessories:** 

2mm Patch cords 16"-4 nos.

Mains cord-1 no.

