

## STUDY OF MULTIVIBRATOR & APPLICATION OF IC 555

### CEE-2600 Applications of IC 555.

**OBJECTIVE:** To assemble & study Astable, Monostable, Bistable Multi vibrators & V to F convertor.

**SPECIFICATION:** Instrument comprises of 5V/150mA DC Regulated Power Supply IC 555 & components kept Inside the cabinet Multi vibrators Kit are with DC Regulated Power Supply.CRO as optional accessories.

**OPTIONAL ACC:** Digital Multimeter.



### CEE-2601 Monostable Multivibrator using IC 555.

**OBJECTIVE:** Monostable Multivibrator Apparatus has been designed to study the Wave Shape and Frequency produced by Monostable Multivibrator

**SPECIFICATION:** Instrument comprises of IC 555 placed inside the cabinet & connections brought out at sockets. DC regulated Power Supply of 5 V is available on sockets. Various resistances & capacitors connected inside the cabinet & connections brought out at the sockets.

### CEE-2602 Monostable Multivibrator using Transistor.

**OBJECTIVE:** Monostable Multivibrator Apparatus has been designed to study the operation of Monostable Multivibrator.

**SPECIFICATION:** Instrument comprises of Fixed regulated power supply of 12V DC. Circuit is printed on the front panel. All component C1100 , Resistance & Capacitor are fitted on PCB internally. Pause switch are fitted on front panel.  
 $R_1, R_4 = 1K, R_2, R_3 = 10K, C_1, C_2 = .01\mu F.$

### CEE-2604 Astable Multivibrator using IC 555.

**OBJECTIVE:** 555 Timer as Astable Multivibrator Apparatus has been designed to study the Wave Shape and Frequency produced by Astable Multivibrator

**SPECIFICATION:** Instrument comprises of IC 555 placed inside the cabinet & connections brought out at sockets. DC Regulated Power Supply of 5 V is available on sockets. Various Resistances & capacitors connected inside the cabinet & connections brought out at the sockets.

## CEE-2605 Astable Multivibrator using Transistor.

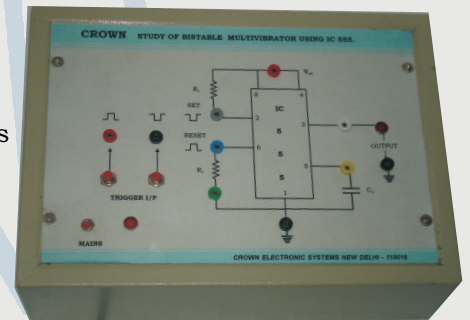
**OBJECTIVE:** Transistorized Astable Multivibrator has been designed to study the characteristics of Astable Multivibrator.

**SPECIFICATION:** Instrument comprises of Fixed regulated power supply of 12V DC. Circuit is printed on front panel . All components C1100 , resistance & capacitor are fitted on PCB internally .

## CEE-2606 Bistable Multivibrator using IC 555.

**OBJECTIVE:** 555 Timer as Bistable Multivibrator Apparatus has been designed to study the Wave Shape and Frequency produced Bistable Multivibrator

**SPECIFICATION:** Instrument comprises of IC 555 placed inside the cabinet & connections brought out at sockets. DC regulated Power Supply of 5 V is available on sockets. Various resistances & capacitors connected inside the cabinet & connections brought out at the sockets.



## CEE-2607 Bistable Multivibrator using Transistor.

**OBJECTIVE:** Transistorized Bistable Multivibrators has been designed to study the characteristics of Bistable Multivibrator .

**SPECIFICATION:** Instrument comprises of Fixed regulated power supply of 12V DC. Circuit is printed on front panel . All components C1100 , resistance & capacitor are fitted on PCB internally. Pulsar switch is fitted on front panel .

## CEE-2609 Monostable & Free Running Multivibrator using Transistor.

**OBJECTIVE:** Monostable & Free Running Multivibrator using transistors has been designed to study the working principle of Astable (Free Running & Monostable) Multivibrators.

**SPECIFICATION:** Instrument comprises of Fixed output DC regulated power supply of 12V. Two transistor (CL100) are mounted on the front panel with connections brought out on sockets. Two output indicators are provided on the front panel to observe the output status. Different resistance & capacitors are also provided on the front panel to assemble the circuit of different multivibrators.