

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



STUDY OF TRANSFER CHARACTERISTICS OF TTL INVERTER AND SCHMITT TRIGGER,

MODEL - TTL - 10.

FEATURES:

- ** Detailed circuit is printed on a painted aluminum sheet to facilitate better understanding.
- ** The complete working instructions containing theory, circuit details and operating procedure is supplied with the experimental board.
- ** Stackable type connecting leads are supplied with the board for easy and perfect inter connections.
- ** Continuously variable, overload and short circuit protected d.c regulated power supply.
- ** Two fixed d.c output regulated power supplies of 5 Volts and ± 15 Volts are built in.
- ** Two dual range Voltmeters are mounted on the front panel to measure the input and output voltages.
- ** One LED is mounted on the front panel to observe the output status.
- ** Schmitt Trigger IC-7414 is mounted on P.C.B inside the cabinet and connections for input and output are brought on the sockets.
- ** Built in rugged Waveform Generator.



EXPERIMENTS:

Study of TTL Inverter (Transfer Characteristics) and TTL Schmitt Trigger Inverter.

OTHER APPARATUS REQUIRED:

A General Purpose Dual Trace Oscilloscope.

There may be any change in specification due to continuous R & D without notice.