

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



STUDY OF DIFFERENTIAL AMPLIFIER USING OP-AMP., MODEL - DA - 10.



FEATURES:

- ** Builtin I.C. regulated and short circuit proof ± 12 Volt Power Supply suitable to this experimental board is builtin.
- ** Circuit is drawn on a painted aluminum sheet and the components are mounted on the top of the panel for better and clear understanding.
- ** A complete working manual giving theory, circuit details and operating instruction supplied with the experimental board.
- ** Stackable type connecting leads suitable to the terminals are supplied with the board for easy inter-connections and longer working life of the terminals.
- ** A Digital Voltmeter of 0-20, Volt is provided for the measurement of voltages.
- ** AC and DC input sources required for the experiments are builtin.

EXPERIMENTS:

- (i) High Gain Accuracy.
- (ii) High Common-Mode Rejection Ratio (CMRR)
- (iii) High gain Stability with Low Temperature Coefficient.
- (iv) Measurement of Input Offset Voltage. (Low DC Offset).
- (v) Low Output Impedance.
- (vi) Measurement of Slew Rate.
- (vii) Measurement of Open Loop Gain.

OTHER APPARATUS REQUIRED :

1. Digital Multimeter.
2. A General purpose C.R.O.