

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



CHARACTERISTICS OF MOSFET

MODEL - MS - 08.

FEATURES :

- ** Two Power Supplies (Regulated, Continuously Variable and Short – circuiting proof), suitable for the experimental board are builtin.
- ** Circuit is printed and component are mounted on the top of the decorated sunmica bakelite sheet to give better and clear understanding.
- ** Patch cords suitable to the terminals are supplied with the board for the easy inter connections and longer working life of terminals.
- ** A complete working manual containing theory, circuit details and operating instructions, is supplied with the experimental board.
- ** A ON /OFF switch with indicating lamp is provided.



EXPERIMENT :

By the experimental set – up, it will be examinal the relationship between :

1. The Gate – to – Source Voltage (V_{GS}).
2. The Gate Drain – circuit (I_D).
3. The Drain – to – Source Voltage (V_{DS}).

Also it will be measure the corresponding V_{GS} , I_D and V_{DS} values and graphically plot them to form a set of drain characteristics values.

OTHER APPARATUS REQUIRED :

- | | | | |
|----|-----------------------|---------------|-------------------|
| 1. | Digital Voltmeter. | 0 – 20, Volt. | One No. (Builtin) |
| 2. | Digital Milliammeter. | 0 – 20, mAmp. | One No. (Builtin) |

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