**EXPERIMENT 14**

**P.N.DIODE**

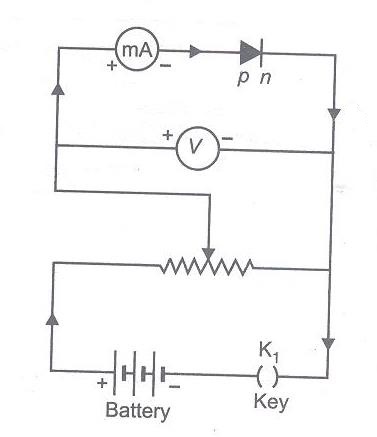
**Day & Date:**

Aim: To Draw the I-V characteristics of a P.N. Diode in forward bias and hence to determine static and dynamic resistance of the diode.

Theory:

Static resistance = Direct voltage required / Direct current required at that stage.

Dynamic resistance = Peak to peak alternating voltage / Peak to peak alternating current

**OBSERVATIONS: CIRCUIT DIAGRAM:**

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| No. | Voltmeter reading | Ammeter reading |
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RESULT:

1. Static resistance of the diode =
2. Dynamic resistance of the diode =