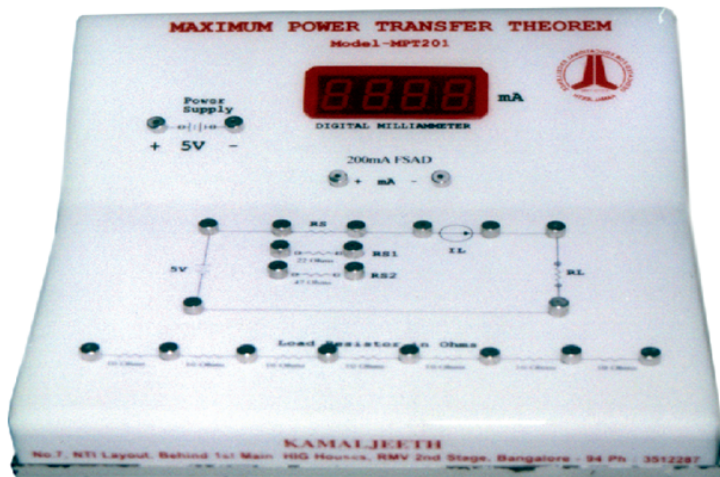


## Experiment(s):

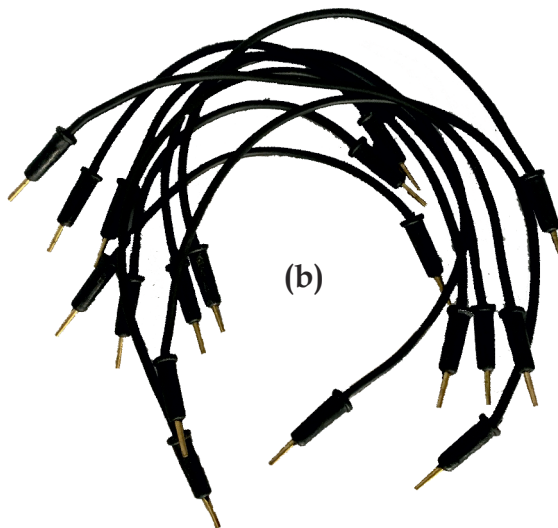
1. Verification of Maximum power transfer theorem

(For more details, procedure & manual visit: [www.kamaljeeth.net](http://www.kamaljeeth.net))

Reference : Lab Experiments Journal



(a)



(b)

### Experiment setup consists:

- a) Maximum power transfer kit
- b) Set of patch cord

### Specifications:

#### a) Maximum power transfer kit

Power supply: Regulated (DC) 5 V

Current meter: Digital DC current meter

Display: 3½ digit, LED

Range: 200 mA

Resolution: 0.1 mA

Components: Set of known value resistors

Load Resistance: Selectable

Rated Input: 220 V/50 Hz

or 110 V/60 Hz

Power consumption: <30W

Cabinet: Acrylic body, aluminium bottom

#### b) Patch cords

Set of standard 2 mm patch cords of different lengths with spare cords