

NAME OF PRACTICAL

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Category

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Atul Singh Arora: *Name of Practical*, Category,

*Every honest researcher I know admits he's just a professional amateur.
He's doing whatever he's doing for the first time. That makes him an
amateur. He has sense enough to know that he's going to have a lot of
trouble, so that makes him a professional.*

— Charles F. Kettering (1876-1958) (Holder of 186 patents)

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TEMPLATE EXPERIMENT 1

August 18, 2012

1.1 AIM

To something something

1.2 THEORY

1.2.1 *Tools*

1. Pliers
2. Screwdriver
3. Electrical Line Tester

1.2.2 *Material*

1. Single way switch
2. Lamp
3. Lamp Holder
4. Bakelite Sheet
5. Wires
6. Screws
7. Nut Bolts
8. Terminals

1.3 PROCEDURE

1. Took a suitable Bakelite sheet and attached the following using screws & nut-bolts
 - a) Power Connectors
 - b) Switch
2. Connected the circuit according to the circuit diagram as given in, keeping the following in mind

- a) *Red Wires* are used for the phase connections.
 - b) *Black Wires* are used for the neutral connections.
 - c) Colours other than Red, Black and Green can be used for the connecting wires.
3. Attached the Lamp Holder using screws & nut-bolts.

1.4 PRECAUTION

- 1. Connections should be tight, viz. shouldn't come out when pulled.
- 2. Wires shouldn't be sticking out of the connections without insulation.
- 3. Wires should be of appropriate length.
- 4. Colours of the wires should be chosen in accordance with their type.

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COLOPHON

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The latest version of this document is available online at:

https://github.com/toAtulArora/IISER_repo