

NAME OF PRACTICAL

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Category

Mr. Instructor

Indian Institute of Science Education and Research, Mohali

August-December, 2012

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

*ADD something you like here, for instance:  
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)*

## ACKNOWLEDGEMENTS

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I express my sincere gratitude to our instructors, Mr. Instructor and , for bringing the subject to life and helping us discover, in depth, the science behind the procedures.

I also thank Vivek Sagar (MS11017) for his contribution to this report as my lab-partner, who made the task of performing experiments immensely comfortable and productive at the same time.



## CONTENTS

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1	TEMPLATE EXPERIMENT 1	1
1.1	Aim	1
1.2	Theory	1
1.2.1	Tools	1
1.2.2	Material	1
1.3	Procedure	1
1.4	Precaution	2
1.5	Acknowledgements	2

## LIST OF FIGURES

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## LIST OF TABLES

---

## LISTINGS

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## ACRONYMS

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TEMPLATE EXPERIMENT 1

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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.

#### 1.5    ACKNOWLEDGEMENTS

I thank Mr. Jatinder Singh for his guidance during the experiment.



## COLOPHON

This document was typeset using the typographical look-and-feel `classicthesis` developed by André Miede, for  $\text{\LaTeX}$ .  
The style was inspired by Robert Bringhurst's seminal book on typography "*The Elements of Typographic Style*".

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