



## **FINAL YEAR PROJECT REPORT**

# **SOLAR WATER HEATER WITH SUN CHASER**

**In fulfillment of the requirement  
For degree of  
BEE (Electronics)**

**By**

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## SOLAR WATER HEATER WITH SUN CHASER

### ABSTRACT

The key concept in concentrated sun powered water warming is the usage of mirrors or other smart surfaces to attention the sun's beams hitting a massive area onto a tube or holder brimming with a liquid that is warmed. An explanatory trough sun based authority makes use of a reflect inside the nation of an allegorical barrel to mirror and assume solar radiations toward a collector tube situated at the awareness line of the illustrative chamber. The recipient ingests the imminent radiations and changes them into warm energy, the final being transported and collected through a liquid medium flowing within the collector tube. This strategy for focused solar based accumulation has the benefit of excessive talent and simplicity.

In this project we can additionally add a characteristic of solar tracking, this feature may be beneficial to accumulate sun rays as greater as viable.

### CHAPTER

#### 1 INTRODUCTION

##### 1.1 Background

##### 1.2 Aims and objective

##### 1.3 Scope of Project

##### 1.4 Problem statement

##### 1.5 Review

	<b>DECLARATION</b>	ii
	<b>APPROVAL FOR SUBMISSION</b>	iii
	<b>ACKNOWLEDGEMENTS</b>	vi
	<b>ABSTRACT</b>	vii
	<b>TABLE OF CONTENTS</b>	viii
	<b>LIST OF FIGURES</b>	xi
	<b>LIST OF SYMBOLS / ABBREVIATIONS</b>	xii
	<b>LIST OF APPENDICES</b>	xiii
	 <b>CHAPTER</b>	
<b>1</b>	<b>INTRODUCTION</b>	<b>1</b>
	1.1 Background	1
	1.2 Aims and objective	1
	1.3 Scope of Project	1
	1.4 Problem statement	2
	1.5 Reasons	2

<b>2</b>	<b>LITERATURE REVIEW</b>	<b>3</b>
2.1	Reflecting parabolic stainless steel	3
2.2	Advantages of stainless steel	4
2.3	Disadvantages of stainless steel	6
2.4	Structure and operation of copper tube	6
2.4.1	Soft copper	6
2.4.2	Rigid copper	7
<b>3</b>	<b>DESIGN AND METHODOLOGY</b>	<b>8</b>
3.1	Bock diagram	8
3.2	Methodology	8
3.3	Arduino family and features	8
3.4	Solenoid valve	11
3.5	Relay	11
3.6	Ldr sensors	11
3.7	Easy driver	12
3.8	Flow diagram	14
3.9	Parabola calculation	15
<b>4</b>	<b>IMPLMENTATION</b>	<b>16</b>
4.1	Sun chasing mechanism	16
4.2	Driving stepper motor	17
4.3	Operate solenoid valve with relay	18
<b>5</b>	<b>RESULTS AND DISCUSSIONS</b>	<b>19</b>
5.1	Measurement and calculation	19

<b>6</b>	<b>CONCLUSION AND RECOMMENDATIONS</b>	<b>22</b>
	<b>REFERENCES</b>	<b>23</b>
	<b>APPENDICES</b>	<b>25</b>

LIST OF FIGURES

FIGURE	TITLE	PAGE
Figure 1.1	Plant layout	12
Figure 1.2	Plant layout	13
Figure 1.3	Plant layout	16
Figure 1.4	Driving stopper motor	17
Figure 1.5	Operating valve	18
Figure 1.6	Outgoing collection	20