

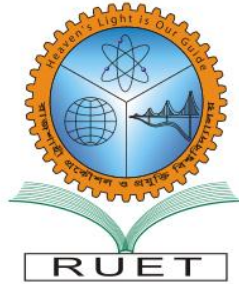
2.54 cm Margin

Heaven's light is our guide (Monotype Corsiva, 12 font)

2 lines gap of 12 font

Rajshahi University of Engineering & Technology, Bangladesh  
(times, 17 font)

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Department of Mechanical Engineering (times, 16 font)

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A project & thesis report on (times, 16 font)  
Design and Construction of a Solar Car and Its Performance Study

8 lines gap of 12 font

Supervised by

Md. Shazib Uddin  
Assistant Professor  
Department of Mechanical Engineering  
Rajshahi University of Engineering & Technology

Submitted by (times, 13 font)

Md. Ariful Islam  
Roll No.: 032020  
Md. Rofiquel Islam  
Roll No.: 032025

6 lines gap of 12 font

March 2013 (times, 14 font)

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*(times, 17 font)*

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↕ 6 lines

↕ 1 line gap

**Department of Mechanical Engineering** *(times, 16 font)*

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A thesis report on *(times, 14 font)*

**Design and Construction of a Solar Car and Its Performance Study**

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This report is submitted in partial fulfilment of the requirements for the degree of Bachelor of Science in Mechanical Engineering at Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh. *(times, 12 font)*

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Supervised by

Md. Shazib Uddin  
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Rajshahi University of Engineering & Technology

Submitted by *(times, 12 font)*

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Md. Ariful Islam  
Roll No.: 032020  
Md. Rofiqul Islam  
Roll No.: 032025

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**Rajshahi University of Engineering & Technology**  
**Bangladesh** *(times, 18 font)*

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**Department of Mechanical Engineering** *(times, 16 font)*

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**Certificate** *(times, 16 font, bold)*

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This is to certify that the thesis entitle “ Title” has been carried out by Md. Ariful Islam , Roll: 032020 and Md. Rofiqul Islam, Roll: 032025 under my supervision in the Department of Mechanical Engineering at Rajshahi University of Engineering & Technology, Bangladesh. *(times, 12 font)*

↕ 4 lines gap

**Supervised by**

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Md. Shazib Uddin  
Assistant Professor  
Department of Mechanical Engineering  
Rajshahi University of Engineering  
& Technology

↕ 3 lines gap

**Signature of the students** *(times, 12 font)*

.....

Md. Ariful Islam  
Roll No.: 032020

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Md. Rofiqul Islam  
Roll No.: 032025

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**Countersigned**

.....

Prof. Dr. Mohammad Rofiqul Islam  
Head  
Department of Mechanical  
Engineering  
Rajshahi University of Engineering  
& Technology

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**External** *(times, 12 font)*

.....

Md. Shazib Uddin  
Assistant Professor  
Department of Mechanical  
Engineering  
Rajshahi University of  
Engineering & Technology

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## **Acknowledgments** *(times, 16 font)*

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The content of acknowledgments is for you as the author to decide. Here you should write the gratitude for them from whom you have taken suggestions, guidelines and other help directly or indirectly during your thesis. The length of paragraph should not exceed 300 words. *(times, 12 font)*

Authors  
Rajshahi

## **Abstract** *(times, 16 font)*

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The abstract should be not more than **300** words. Abstract should contain the statement of main objectives, outline of method used for the study, outline of thesis results and conclusions. *(times, 12 font)*

## **List of contents** *(times, 16 font)*

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## **Abbreviations and List of Symbols***(times, 16 font)*

|       |                    |
|-------|--------------------|
| CO    | Carbon monoxide    |
| A     | Area of the system |
| GHG   | Green House Gas    |
| ..... | .....              |

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## Additional Instructions

### 1. Chapter heading and Chapter number

Chapter number and Chapter heading should be (*times new roman, 16 pt, bold*)

Example:

## **Chapter 1** **Introduction**

### 2. Section heading

Section heading should be (*13 pt, times new roman, bold*)

Example: **1.2 Objectives**

### 3. Subsection heading

Subsection heading should be (*12 pt, times new roman, normal*)

Example: 1.2.1 Overall objectives

1.2.2 Specific objectives

### 4. Please try to avoid the **sub-subsection**

### 5. All the text should be (*times new roman, 12 font, normal*) normal font single line spacing

### 6. Figures and equations

Figure should insert in the text where the figure described. The caption location and number should be as follows-

Example:



Figure 3.2: Logo of Rajshahi University of Engineering & Technology

(*Figure 3.2 means 2<sup>nd</sup> figure in chapter 3*)

$$a + 2b + c = 5 \quad (\text{Equation 2.1})$$

(*Equation 2.1 means 1<sup>st</sup> equation in chapter 2*)

7. Tables

Table should insert in the text where it is described. The caption location and number should be as follows-

Example:

Table 3.4: Population Growth Rate of Bangladesh

| Year        | 2000 | 2005 | 2007 | 2009 | 2012 | 2014 |
|-------------|------|------|------|------|------|------|
| Growth rate | 1%   | 1.5% | 1.6% | 1.4% | 1.3% | 1.2% |

8. Page number

The regular page number should start from chapter 1 and insert at the bottom of the pages centred plain number without formatting (1, 2, 3.....etc). The 1<sup>st</sup> few pages before start the chapter 1 will be numbered as (i,ii, iii,.....etc).

9. Citing references in the text

When citing references in the text please use “[ ]” and put the number in the bracket that you have put in the reference list at the end of your report.

10. Appendix should put at the end of the report numbered as A, B, C.....

11. List of references

Make the reference list according to the sequence that you have used in the text. The styles of the references are as follows-

Journal Article:

- Name of authors (last name first + coma+ 1<sup>st</sup> letter of remaining name in capital with full stop)
- Year of publication
- Title of article
- Name of journal (Italic font)
- Volume number
- Issue number
- Page range

Example:

Uddin, M.S., Kumar, S., and Thomas, H.R. (2013). Design and performance study of a solar dryer. *Journal of Renewable Energy*, 7(2), 173-208.

### Conference Article:

- Name of authors (last name first + coma+ 1<sup>st</sup> letter of remaining name in capital with full stop)
- Year of publication
- Title of article
- Name of conference
- place
- country

### Example:

Uddin, M.S., Kumar, S., and Thomas, H.R. (2013). Design and performance study of a solar dryer. Proceedings in the International Conference of Mechanical, Industrial and Materials Engineering (ICMIME), Rajshahi University of Engineering & Technology, Rajshahi, Bangladesh.

### Books and Report:

- Name of authors (last name first + coma+ 1<sup>st</sup> letter of remaining name in capital with full stop)
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- Title of Book or Report
- Place of publication
- Publisher

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1. Uddin, M.S., Kumar, S., and Thomas, H.R. (2013). Design and performance study of a solar dryer. Bangladesh: Rajshahi University of Engineering & Technology.
2. United Nations Development Program, (2004). World energy assessment overview. New York: UNDP

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- Year of publication
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### Example:

Uddin, M.S., Kumar, S., and Thomas, H.R. (2013). Design and performance study of a solar dryer. Benefit Media Company limited. Available at: [www.bmcoltd.com](http://www.bmcoltd.com), Retrieved: December, 2013.