

“PROJECT GUIDELINES”

COLOR CODE FOR COVER OF HARD COPY:

Mechanical Engg – BLUE / CIVIL – BLACK / EE-- BROWN

ARRANGEMENT OF CONTENTS

The sequence in which the project report material should be arranged and bound should be as follows:

1. Cover Page
2. Inside cover page
3. Certificate
4. Acknowledgements
5. Abstracts
6. Table of contents
7. List of figures
8. Chapters
9. References

PAGE DIMENSION AND BINDING SPECIFICATIONS:

The project report should be prepared in A4 size, and should be hard bound with navy blue/black colour wrapper.

PREPARATION FORMAT:

Cover Page & Title Page -

A specimen copy of the Cover page & Title page of the project report are given in Annexure1. The fonts and locations of various items on this page should be exactly as shown in Annexure 1.

☐ Inside cover page - Same as cover page

☐ Acknowledgement - This should not exceed one page.

Abstract -

Abstract should be a one page synopsis of the project work, typed in double line spacing (about 300 words with max 6 key words). Font Style Times New Roman and Font Size 12.

Table of Contents –

The table of contents should list all headings, sub headings after the table of contents page, as well as any titles preceding it. The title page and Certificate will not find a place among the items listed in the Table of Contents.

1.5 spacing should be adopted for typing the matter under this head.

List of Tables –

The list should use exactly the same captions as they appear above the tables in the body of the report. One and a half spacing should be adopted for typing the matter under this head.

List of Figures –

The list should use exactly the same captions as they appear below the figures in the body of the text. One and a half spacing should be adopted for typing the matter under this head.

Chapters -

The chapters may be broadly divided into 3 or 4 parts with minimum total pages 50 & (i) Introductory chapter (ii) Explanation (iii) Chapters developing the main theme of the project work (iv) and Conclusion.

Appendices - Same format as Chapters

List of References

The listing of references should be typed 4 spaces below the heading “REFERENCES” in alphabetical order, in single spacing and left – justified.

TYPING INSTRUCTIONS

The impression on the typed copies should be black in colour. One and a half spacing should be used for typing the general text. The general text shall be typed in the Font style ‘Times New Roman’ and Font size 12. Use A4 (210 mm X 297 mm) bond un-ruled paper (80 gsm) for all copies submitted. Use one only side of the paper for all printed/typed matter.

NUMBERING

Every page in the seminar/project report, except the seminar/project report title

page, must be accounted for and numbered.

The page numbering, starting from acknowledgements and till the beginning of the Introductory chapter should be printed in small Roman numbers, i.e, i, ii, iii, iv.....

The page number of the first page of each chapter should not be printed (but must be accounted for). All page numbers from the second page of each chapter should be printed using Arabic numerals, i.e. 2,3,4,5...

All printed page numbers should be located at the bottom centre of the page.

CHAPTERS

Use only Arabic numerals. Chapter numbering should be centered on the top of the page using large bold print. < size 15> <Times new Roman>

TEXTCOLOR - Black

FONT

REGULAR TEXT - Times Roman 12 pts. and normal print.

CHAPTER HEADING -Times Roman 15 pts., bold print and all capitals.

SECTION HEADINGS -Times Roman 12 pts., bold print and all capitals.

SUBSECTION HEADINGS - Times Roman 12 pts., bold print and leading.capitals. ie. Only first letter in each word should be in capital.

JUSTIFICATION

The text should be fully justified

MARGINS

The margins for the regular text are as follows:

LEFT = 1.50"

RIGHT = 1.00"

TOP = 1.00" |

BOTTOM = 1.00"

TABLES

All tables should have sharp lines, drawn in black ink, to separate rows/columns as and when necessary.

Table<blank><chapter number>.<serial number><left indent><table title>

FIGURES

The title of the figure etc. should be placed on the bottom of the figure.

Fig. <blank><chapter number>.<serial number> <left indent><figure title>.

ACKNOWLEDGEMENT

One page maximum. Times New Roman and Font Size 12

CERTIFICATE

This is to certify that the project report entitled "TITLE OF PROJECT WORK " submitted by NAME OF GROUP to the Board Of Technical University Lucknow in partial fulfillment for the award of Diploma of Polytechnic in Mechanical Engineering is a confide record of the project work carried out by him under my supervision during the year 2019-2020.

Submitted to:

Name of incharge

Designation

Name (Project Guide)

Designation

Submitted by:

Name of student(Roll)

ABSTRACT

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CONTENTS

Title Page	Page No.
ACKNOWLEDGEMENTS.....	i
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CHAPTER 1 INTRODUCTION	
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1.2	
REFERENCE.....	

CHAPTER 1

INTRODUCTION

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REFERENCES

“Annexure1”

PROJECT TITLE

<1.5 line spacing>

A PROJECT REPORT

<Italic>

submitted to

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in partial fulfillment for the award of the diploma

of

<1.5 line spacing><Italic>

POLYTECHNIC

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IN

MECHANICAL ENGINEERING

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DEPARTMENT OF MECHANICAL ENGINEERING

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ARYAVART INSTITUTE OF TECHNOLOGY AND MANAGEMENT

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LUCKNOW

UTTAR PRADESH, INDIA

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JULY 2020

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A
Project Report
On
“SOLAR POWERED MECHANICAL HACKSAW”
*Submitted in partial fulfilment of the requirements for
the award of the Diploma
in*
Production Engineering



Submitted By:
MOHD ISHRAR (E17286343100018)
DIVYANSHU YADAV (E1728634300013)
SANDEEP KUMAR (E1728634300025)

Submitted to:
Dr. SANTOSH KUMAR SINGH
(PRINCIPAL)

Under Guidance of:
Mr. PRINCE SRIVASTAVA
HOD (MECHANICAL)

DEPARTMENT OF MECHANICAL ENGINEERING
ARYAVART INSTITUTE OF TECHNOLOGY AND MANAGEMENT,
(Affiliated to Board of Technical Education, Lucknow)
(2017-2020)

CERTIFICATE

*This is to certify that project entitled “SOLAR POWERED MECHANICAL HACKSAW”
Submitted by “MOHD ISHRAR (E17286343100018) , DIVYANSHU YADAV (E1728634300013),
SANDEEP KUMAR (E1728634300025) ” in the partial fulfillment of the requirement for the award of
Diploma of Polytechnic in Mechanical Engineering (Board Of Technical Education Lucknow) is a record of
students own work carried out by student himself and the content does not form the basis of any other
diploma to the candidate or to anybody else.*

Submitted to:

**Dr. SANTOSH KUMAR SINGH
(PRINCIPAL)**

Under Guidance of:

**Mr. PRINCE SRIVASTAVA
HOD (MECHANICAL)**

**MOHD ISHRAR (E17286343100018)
DIVYANSHU YADAV (E1728634300013)
SANDEEP KUMAR (E1728634300025)**

DECLARATION

We hereby declare that the project work entitled “SOLAR POWERED MECHANICAL HACKSAW” submitted to the “BOARD OF TECHNICAL UNIVERSITY” is a record of original work done by us under the guidance of “Mr Prince Srivastava”, and this project has not been performed the basics for the award of any degree or diploma/associate ship/ fellowship and similar project work if any.

MOHD ISHRAR (E17286343100018)
DIVYANSHU YADAV (E1728634300013)
SANDEEP KUMAR (E1728634300025)

ACKNOWLEDGEMENT

It gives us a great sense of pleasure to present the report of the project undertaken during Diploma final year. We own special debt of gratitude to Mr. PRINCE SRIVASTAVA, Head of Department of Mechanical Engineering , Aryavart Institute of Technology & Management , Lucknow for his constant and guidance throughout and perseverance have been of inspiration for us.

We have the opportunity to acknowledgment the contribution of Dr. Santosh Kumar Singh(Principal, AITM) for his full support and assistant during the development of the project.

We also do not like to miss the opportunity to acknowledge the contribution of faculty members of the department for their kind assistance and cooperation during the development of our project. Last but not the least, we acknowledge our friends for their contribution in the completion of the project.

MOHD ISHRAR (E17286343100018)
DIVYANSHU YADAV (E1728634300013)
SANDEEP KUMAR (E1728634300025)