

Black Cover with Golden Letters (Outer cover page)

A PROJECT REPORT

ON

“ELECTRO BIKE (TITLE OF PROJECT)”

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF

DIPLOMA IN (14pt, Bold)

NAME OF THE DEPARTMENT (12pt)



SUBMITTED TO

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI

SUBMITTED BY

Name of Student(s) (Full Name)

1. Vipin.V.Acharya
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Enrollment No.

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GUIDED BY

(Full name of Guide)



**NASHIK INSTITUTE OF TECHNOLOGY (NIT) NASHIK'S
LATE ANNASAHEB PATIL POLYTECHNIC, NASHIK**



**NASHIK INSTITUTE OF TECHNOLOGY (NIT) NASHIK'S
LATE ANNASAHEB PATIL POLYTECHNIC, NASHIK
1479**

CERTIFICATE

(24pt., 1.5 line spacing, Monotype corsiva, Bold)

This is to Certify that the project report entitled “.....”Was successfully completed by Student of sixth semester Diploma in (mechanical engineering).

- | | |
|---------------------|---------|
| 1) Darshan sonawane | (.....) |
| 2) Abhijit rajole | (.....) |
| 3) Rakesh borse | (.....) |
| 4) Latesh madkar | (.....) |

in partial fulfillment of the requirements for the award of the Diploma in (Name of the Department) and submitted to the Department of (Name of the Department) of NIT'S Late Annasaheb Patil Polytechnic, Nashik work carried out during a period for the academic year 2015-16 as per curriculum .

Name of Guide
(-----)

Name of HOD
(-----)

External Examiner

Prof.Karpe Y.A.
Principal

ACKNOWLEDGMENT

This project is done as a semester project, as a part course titled
“AUTOMATIC PNEUMATIC CUTTING MACHINE”

We are really thankful to our course the Principal Prof. Karpe Y.A. and the HOD (-----) , Name of Department, Nashik Institute of Technology NIT's , Late Annasaheb Patil Polytechnic, Nashik for his invaluable guidance and assistance, without which the accomplishment of the task would have never been possible

We also thank Mrs Rajole for giving this opportunity to explore into the real world and realize the interrelation without which a Project can never progress. In our present project we have chosen the topic- **“AUTOMATIC PNEUMATIC CUTTING MACHINE”**

We are also thankful to parents, friend and all staff of Mechanical engineering department, for providing us relevant information and necessary clarifications, and great support.



NASHIK INSTITUTE OF TECHNOLOGY'S (NIT'S) LATE ANNASAHEB PATIL POLYTECHNIC, NASIK

PROJECT REPORT GUIDELINES

1. SEQUENCE OF PROJECT REPORT DOCUMENT:

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

1. Title Page
2. Certificate
3. Certificate of sponsorship (only if the project has been sponsored by Industry)
4. Acknowledgement
5. Abstract
6. Table of Contents
7. List of figures
8. List of tables
9. List of Symbols, Abbreviations and Nomenclatures
10. Chapters
11. Bibliography/References
12. Appendices

The tables and figures shall be introduced in the appropriate places in each chapter.
Spelling to be British English.

2. PAGE DIMENSION AND BINDING SPECIFICATIONS:

The project report should be in A4 size, should be bound using Hard cover of thick paper with Black color. The cover should be printed in Golden letters.

3. FORMAT FOR THE REPORT DOCUMENT:

Cover Page & Title Page – A specimen copy of the Cover page and Title page of the project report is given in Annexure 1.

Certificate – A Certificate is to be attached wherever the student has undertaken the project work in an external Institution / Organization.

Abstract – Abstract / Synopsis should be preferably of one page, typed with one and a half spacing, Font Style – Times News Roman and Font size – 12

Table of Contents – The table of contents should list all material following it, as well as any material, which precedes it. The title page and Bonafide Certificate will not find a place among the items listed in the table of Contents but the page numbers of these shall be in lower case Roman letters. One and a half spacing should be adopted for typing the matter under this head.

Figures, Tables, Equations and Cross references-

The word 'table', means the tabulated numerical data in the body of the project report as well in the appendices. All other non-verbal materials used in the body of the project work and appendices such as charts, graphs, maps, photographs and diagrams may be named as figures.

Below each figure, the figure number must be typed in bold with Times New Roman font and font size 12.

Figure number is of three fields. In the first field, fig should be typed, second field indicates the chapter number and third field indicates the article number.

Eg:- 1. fig (3.2) represents third chapter , second article

2. Table[3.2] represents third chapter second article

Equations- Standard mathematical symbols should be used and each equation used should be sequentially numbered in the same format as Fig/Table number. Equation number should be enclosed using small bracket.

Cross reference number should be enclosed in square bracket.

3.7 List of Symbols, Abbreviations and Nomenclature – One and a half spacing should be adopted for typing the matter under this head. Standard symbols, abbreviations etc. should be used and arranged in alphabetical order, caps followed by small case, followed by Greek letters.

3.8 Chapters – Each chapters may be arranged sequentially in three parts, viz.,

(i) Introductory chapter (ii) Chapters developing the main theme of the project work (iii) and Conclusions.

Each chapter on main theme of the project may be divided into several divisions and sub-divisions with proper numbering.

- ❖ Each chapter should be given an appropriate title.
- ❖ Tables and figures in a chapter should be numbered serially and placed preferably in the same page containing the description..
- ❖ Footnotes should be used sparingly. They should be typed in single space, font size – 10 and in italics and placed directly in the bottom of the page just above main footer information.

3.9 Appendices –Appendices should be numbered using Arabic numerals, e.g. Appendix 1, Appendix 2, etc

3.10 List of references / bibliography – The listing of reference should be typed 4 spaces below the heading “REFERENCES / BIBLOGRAPHY” in the order in which the reference / bibliography appears in the text, single spacing left – justified.

A typical illustrative list given below:

BIBLIOGRAPHY:

1. Aripommal, S. and natarajan. S. 'Transport Phenomena of Sm Sel – X Asx', Pramana – Journal of Physics Vol.42, No.1, pp.421 – 425, 1994
2. Kothari. D.P. and Nagrath I J. 'Electrical Machines' 3rd Ed. Tata McGraw-Hill Publishing Company Limited, New Delhi, 2004
3. MIT well Tempered MOSFET Model (on line) Available:
<http://www.nitnaik.com>

3.11 Number of pages and Number of Copies- Maximum number of pages of the report shall be around 80 pages and minimum shall be around 50 pages.

The number of copies of the project report to be made = A + B

A = No. of students In Group

B = 2 (1 for library , 1 Guide Copy)

C = Project Report CD –Department copy)

3.12 The report should not include the main code sheets/complete project circuit diagrams

However these details (code sheet and main circuit diagram) should be submitted in CD/DVD formats

4 TYPING INSTRUCTIONS:

The impression on the typed copies should be black in colour.

Paper: A4

Margins – left 4 cm, right 3 cm, top 3.5 cm and bottom 3 cm, with justification

Font: Times New Roman

Font Size for body text: 12

Line spacing: 1.5

Chapter Title Font size: 16(All Caps)

Sub title font size: 14

Header and Footer:

Top Left- Chapter Name

Top Right- Month & Year

Bottom Left- Branch of Study, ASE, Bangalore

Bottom Right- Page No.

All graphs/diagrams and its axis names, legends should be legible.