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Capstone Project: Report Writing (Automobile Department)

1. Prepare **Five** **Hard Bound** Copies of your manuscript.

2. Limit your Dissertation report to **40 – 60** pages (preferably)

3. The footer must include the following:

"AISSMS Polytechnic, Automobile Engineering" (Times New Roman 10 pt. and centrally aligned).

4. Page number as second line of footer, Times New Roman 10 Pt, centrally aligned.

5. Print the manuscript using

a. Letter quality computer printing.

b. The main part of manuscript should be **Times New Roman 12 pt**. with alignment –**justified (Both side aligned)**.

c. Use **1.5** line spacing.

6. Use the paper size **8.5"×11"** or **A4 (210 × 197 mm)**. Please follow the margins given below.

Margin Location	Paper 8.5'' × 11''	Paper A4 (210 × 197 mm)
Top	1''	25.4 mm
Left	1.5''	37 mm
Bottom	1.25''	32 mm
Right	1''	25.4 mm

7. All paragraphs will be **1.5 line spaced** with a one blank line between each paragraph. Each paragraph will begin with without any indentation.

8. Section titles should be bold with **14 pt** typed in **all capital letters** and should be **left aligned**.

9. Sub-Section headings should be **aligning at the left** with **12 pt**, **bold** and **Title Case** (the first letter of each word is to be capitalized). University of Pune M.E. Mechanical Engineering (Automotive Engineering) 2017-Course 45

10. Illustrations (charts, drawings, photographs, figures) are to be in the text. Use only illustrations really pertinent to the text. Illustrations must be sharp, clear, black and white. Illustrations downloaded from internet are not acceptable.

a. Illustrations should not be more than two per page. One could be ideal

b. Figure No. and Title at bottom with 12 pt

c. Legends below the title in 10 pt

d. Leave proper margin in all sides

e. Illustrations as far as possible should not be photo copied.

11. Photographs if any should of glossy prints.

12. Please use SI system of units only.

13. Please number the pages on the front side, centrally below the footer.

14. References should be either in order as they appear in the thesis or in alphabetical order by last name of first author.

15. Symbols and notations if any should be included in nomenclature section only

16. Following will be the order of report

i. **Cover page** and **Front page** as per the specimen on separate sheet

ii. **Certificate** from the Institute as per the specimen on separate sheet

iii. **Acknowledgements**

iv. **List of Figures**

v. **List of Tables**

vi. **Nomenclature:** Abrevations Used If Any **(Optional)**

vii. **Contents**

viii. **Abstract** (A brief abstract of the report not more than 150 words. The heading of abstract i.e. word "Abstract" should be bold, Times New Roman, 12 pt and should be typed at the centre. Thecontents of abstract should be typed on new line without space between heading and contents. Try to include one or two sentences each on motive, method, key-results and conclusions in Abstract

1. **Chapter-1 Introduction** (**2-3** pages) (TNR – 14 Bold)
   Backgroound of the Industry or User based problem/Task

   1.1 Problem statement (TNR – 12)

   1.2 Objectives

2. **Chapter-2 Literature Survey** (**10-15** pages) Discuss the work done so far by researchers in the domain area and their significant conclusions. No derivations, figures, tables, graphs are expected.
3. **Chapter-3 Scope of the Project** (**2-3** pages) This chapter shall be based on the importance of the project.

4. **Chapter-4 Methodology** (**6-8** pages) This chapter shall be based on the methods used for the completion of the project work.
5. **Chapter-5 Details of Designs, Working and Processes** (**10-15** pages)
6. **Chapter-6 Results and Application** (**5-8** pages)
7. **Chapter-7 Conclusions and Future Scope** (**3-5** pages)
8. **Appendix** (If Any)
9. **References and Bibilography** (**1-3** pages)

17. All section headings and subheadings should be numbered. For sections use numbers 1, 2, 3, ….and for subheadings 1.1, 1.2, ….etc and section subheadings 2.1.1, 2.1.2, …. etc.

18. References should be given in the body of the text and well spread. No verbatim copy or excessive text from only one or two references. If figures and tables are taken from any reference then indicate source of it. Please follow the following procedure for references.

Reference Books

Collier, G. J. and Thome, J. R., Convective boiling and condensation, 3rd ed., Oxford University Press, UK, 1996, pp. 110 – 112.

Papers from Journal or Transactions Jung

D. S. and Radermacher, R., Transport properties and surface tension of pure and mixed refrigerants, ASHRAE Trans, 1991, 97 (1), pp. 90 – 98. Bansal, P. K., Rupasinghe, A. S. and Jain, A. S., An empirical correction for sizing capillary tubes, Int. Journal of Refrigeration, 1996, 19 (8), pp.497 – 505.

Papers from Conference Proceedings

Colbourne, D. and Ritter, T. J., Quantitative assessment of flammable refrigerants in room air conditioners, Proc. of the Sixteenth International Compressor Engineering Conference and Ninth International Refrigeration and Air Conditioning Conference, Purdue University, West Lafayette, Indiana, USA, 2002, pp. 34 – 40.

A Dissertation on (TNR, 16pt, centrally aligned)

Title (TNR, 27pt, Bold, Centrally Aligned, Title Case)

By (TNR, 16pt, Centrally Aligned)

Mr. Student's Name (TNR, 16pt, Bold, Centrally Aligned)

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Department of Automobile Engineering

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C E R T I F I C A T E

This is to certify that Mr. ---------., has successfully completed the Dissertation entitled "Performance analysis of……." under my supervision, in the partial fulfilment of Diploma in Automobile Engineering, MSBTE.

Date :

Place :

Guide's Name _____ _____

Guide Head,

Automobile Department,

AISSMS Polytechnic

External Examiner	Seal	Principal, AISSMS Polytechnic