Department of Computer Engineering / Information Technology

Instructions for IV B.E students doing project work

Following instructions are to be strictly followed while preparing project thesis failing which the thesis is likely to be rejected.

Do's: -

Number of copies of thesis = Number of students in the group + 2

Don't forget to take the sign of External Examiner, Project Guide, sign or seal of Director in all copies.

Project Guide signs at two places in every thesis.

The library copy has to be submitted to Mr Kamal in LAB B-203 or Ms Snighda Kala B-206 after the completion of external viva . Students not submitting the library copy will have to face problems during NO DUES.

1. **[FONT TYPE: Times New Roman]**
   Main heading size=14, sub heading size=13, All text size=12
   Alignment should be justified for text.

   Line Spacing - 1.5 between running text.
   2   between two paragraphs.
   2   between title and text.
   In all pages leave left margin more then right margin otherwise there will be   problem in binding.

3. **Page number should be there on bottom of each page centrally aligned.**
   The first page of the chapter should include Chapter number and Chapter Name centrally aligned. A Chapter should start with new page.

   Utilize the full page space with text or figures i.e. don't leave half or more then half page empty in a chapter.

4. **All figures and tables should be named and numbered.**
   Tables and figures should be numbered and captioned. Each table or figure should be numbered using a two-level scheme, (chapter no).(table no) or (chapter no).(figure no). This number (e.g. Table 4.8, or Fig. 3.7) should be used whenever the table/ figure are referred in the text. Each table/ figure should have a title an identical entry should exist in List of Tables or List of Figures respectively. Title of a table is given at the top of the table following its number. Title of a figure is given at the bottom of the figure following its number. Figures and tables should appear as close as possible to their first occurrence/mention in the running text of the chapter these belong to; these must appear after the first mention and not before. Photocopied tables should not be included. Photocopied figures should be avoided as far as possible and if included they should be large enough and clear. If taken from any reference, the reference should be cited within the text as well as at the caption of the figure or table.

6. **Spacing should be uniform between paragraphs throughout the thesis. Paragraphs should be justified.Utlilize each page fully.**

7 **Index should be prepared with appropriate numbering.**

10 **Name of the guide and their post can be seen from their name plate outside the cabin. Write it correctly in your thesis.**

Don'ts:-

1) Don't include source code with the project report.Using University logo is not allowed.

2) Don't assign a chapter no. to bibliography and appendix.

3) Don't write any abbreviations anywhere write the full form.

4) No page border and shading on any page of thesis.

5) Don't put section / subsection as last line of the page.

6)Don't finish any chapter in just two pages.

_____**XXXXXXXXXXXXXXXXXXXXXX**_____

Sequence of Contents in Report binding (TNR -10):

The material should be placed and bound in following order:

Preliminaries Top Sheet of transparent plastic on the following pages

    i. Title page
    ii. Dissertation Approval (Format is Attached)
    iii. Recommendation (Format is Attached)
    iv. Certificate(Only if the project is a live project for any organization)
    v. Declaration by the Candidate (Format is Attached)
    vi. Acknowledgement
    vii. Abstract
    viii. Table of Contents i.e index page
    ix. List of Tables (1.1, 1.2, 1.3.., 2.1, 2.2, .. etc.) with table No, Title of table , Page No.
    x. List of figures (1.1, 1.2, 1.3.., 2.1, 2.2, .. etc.) with figure No, Title of Figure, Page No

[Times new roman, size=20 and text bold for the title of project]
Title of the project
(WRITE ONLY THE FIRST LETTER OF EACH WORD IN CAPITAL WHEN WRITING TITLE)

Times New Roman [size=14] for the below detail

A Dissertation submitted
for the partial fulfillment of the degree of
Bachelor of Engineering in
Name of the branch
(Session 20 XX -20XX)

Times New Roman [size=14] for the below detail

Guided By: **Submitted By:**
Name of Project Guide   **Name of Students (Roll No)**
                                                                      (In alphabetical order)

******Instruction for writing Name of the Branch/Department Name follow this everywhere in the thesis.
(**** If group contains a mix of Computer and IT students then each student should write the Name of the Branch / Department name as his own branch/Department in which he is studying in his copy and not as Department of Computer Engineering/Information Technology, for library or guide copy write Computer Engineering/ Information Technology in case of Name of the Branch / Department name *******)

[size = 16] for the remaining on this page
Department of Department name
Institute of Engineering & Technology
Devi Ahilya Vishwavidyalaya, Indore (M.P.)
(www.iet.dauniv.ac.in)
Month Year

[Instruction : All text in Times New Roman [size=14] and heading in size=20 on this page]

Dissertation Approval Sheet

The dissertation entitled **"NAME OF THE PROJECT(WRITE ONLY THE FIRST LETTER OF EACH WORD IN CAPITAL)"** submitted by **FULL NAME OF THE PROJECT MEMBERS SEPARATED BY COMMA** is approved as partial fulfillment for the award of **Bachelor of Engineering in Name of the Branch** degree by **Devi Ahilya Vishwavidyalaya, Indore**.

(Space for sign)   (Space for sign)

Internal Examiner   **External Examiner**

(Space for sign)

Director
Institute of Engineering & Technology
Devi Ahilya Vishwavidyalaya,
Indore (M.P.)

(Instruction :Utilize the space of each page fully throughout the thesis i.e don't leave more space in bottom or top or in between)

[Instruction : All text in Times New Roman [size=14] and heading in size=20 on this page]

<div align="center">**Recommendation**</div>

The dissertation entitled **"NAME OF THE PROJECT(WRITE ONLY THE FIRST LETTER OF EACH WORD IN CAPITAL)"** submitted by (**FULL NAME OF THE PROJECT MEMBERS SEPARATED BY COMMA**) is a satisfactory account of the bonafide work done under my supervision is recommended towards the partial fulfillment for the award of **Bachelor of Engineering in Name of the Branch** degree by **Devi Ahilya Vishwavidyalaya, Indore.**

(Leave Space for sign)

Date: **<NAME OF PROJECT GUIDE>**
                                                          Project Guide

Endorsed By :

                    Head, Department of <Name of Department>
                          Instructions to be followed.
(*** Endorsed by :**
**   Head, Department of <Name of Department>**

 need to be written two times if group contains a mix of Computer and IT students one for Department of Information Technology and one for Department of   Computer Engineering

 Utilize the space of each page fully i.e don't leave more space in bottom or top or in between
**********)**

 [Instruction : All text in Times New Roman [size=14] and heading in size=20 on this page]

 If you have made your project for some company /shop/organization and you have any certificate of successful completion ,demonstration and installation of your project from them insert that certificate on this page.

 Omit this page if you don't have any certificate.

Candidate Declaration

We hereby declare that the work which is being presented in this project entitled Project Name in partial fulfillment of degree of Bachelor of Engineering in Name of the Branch is an authentic record of our own work carried out under the supervision and guidance of **Name of Project Guide** , **Name of the post of the project guide** in Department of **Name of the Department**, Institute of Engineering and Technology, Devi Ahilya Vishwavidyalaya, Indore

We are fully responsible for the matter embodied in this project in case of any discrepancy found in the project and the project has not been submitted for the award of any other degree.

Date:

Place:

<Signature of student 1 >

<Name of student1>

<Signature of student2>

<Name of student2>

<Signature of student 3 >

< Name of student3>

(********Utilize the space of each page fully i.e don't leave more space in bottom or top or in between********)

ACKNOWLEDGEMENTS

In acknowledgement first thank the guide and any other persons who have guided you in your project then give thanks to HOD then give thanks to Director and then to others(if any).

[Instruction : All text in Times New Roman [size=14] and heading in size=20 on this page]

ABSTRACT

Summarize the main points of the report on this page. Persons getting interested in the report after reading the title should be able to judge from the abstract whether the report is really interesting for them. So, briefly formulate the problem that has been investigated and how you went about your project, the solutions that your project would give, what you learned, and what you concluded. It is a well-developed paragraph and should be exact in wording. It must be understandable to a wide audience. The abstract should not occupy more than one page (about 250 words).

<u>**Revised Format**</u>

Students are required to maintain the following <u>sequence</u> of contents in the respective order as indicated below:-

In first 6 pages roman numbering is to be followed and then onwards digital numbering from 1 must be done. The below will be the structure of your index page.

Chapter-1 Introduction

1.1   Overview and issues involved   1

1.2   Statement of Problem

1.3   Significance of problem (also include significance of problem and historical background)

1.4   Assumptions (Explain everything that is assumed when you are starting your research work)

1.5   Proposed solution(It must also include flow diagram ,functionalities of your research work that would be developed   also justify that how your research work will be better then existing solutions of the market.)

Chapter-2 Literature Survey

2.1 Existing papers (Clearly describe all the papers with their abstract, methodology ,technology, tools, algorithm conclusion , limitations in each research paper in your own words .See the literature Survey section of research papers for help.It should be as exhaustive as possible but related to your work.. Summarize the literature that you have read. Rather than literally copying the texts that you have read, you should present your own interpretation of the theory. The last part of each paper description   must contain a brief mention of the gaps in the literature and a justification for undertaking your study/research work.

2.2 Technologies and Research Tools used with a very short description and justification   of using them.

Chapter-3 Design

3**.**1   Description of research design and procedures used (Completely explain step-by-step what was done to accomplish the research work also include the Description of   all Conceptual Requirements(Terms, Concepts, Algorithm) that any body will need   for understanding your research work).

3.2   Data Sets (Give details of owner , name, format, size, of each data set that you used and description of data sets.)

3.3   Sampling of data (Explain how the data were limited to the amount which was gathered. If all of the available data were not utilized, how was a representative sample achieved?)

3.4   Statistical Treatment: Explain the complete mathematical procedures (with details of equations) used in analyzing the data and determining the significance of the results.

Chapter - 4 Implementation and Testing

4.1   Subsystem and Their Dependencies (A diagram showing subsystem elements and their Dependencies ie In this explain your architecture diagram of research project in detail)

4.2   Test Cases.It should describe and show results of your project. It must also include the short description of testing techniques used by you and major possible screen snapshots indicating user input and application output.

      Each snapshot must include along with it the following things:-

      (a) A short description about the snapshot.

      (b) All possible test cases that were used to test the snapshot i.e. for what   input that you gave and what output the system gave must be included with snapshots

4.3 Comparative Analysis

    In this section draw comparative bar graphs /pie charts, that show that compares your work with other author(s) works and justify how your work is better.

Chapter – 5 Conclusion

It should include your major findings, learning and achievements from the research work, limitations of your research work, possible future expansions in your work .

REFRENCES(START IN NEW PAGE)

(It is a list of books ,research papers and websites that you have referred to make your thesis. If you have taken material from any of the above in the thesis it is mandatory to write the name of the resource in the reference).

<u>**Follow the below format:-**</u>

<u>**First write name of all books then research papers(if any) then websites and number them all.**</u>

For books use this format:-

Authors, Book Name(Edition No), Publisher Name , Year of publication

For research papers use this format:-

Authors Name, Title of the paper, Journal or Conference Name, Vol No, Issue No , Month &Year