SCTR’s Pune Institute of Computer Technology, Pune

Department of Computer Engineering

**Instructions for writing SE Project Based Learning Report (Sem-2)**

1. Limit your project report 15 to 20 **pages (Excluding certificate, Table of Contents, acknowledgement, glossary and references)**
2. The footer “**PICT, Department of Computer Engineering 2024-25**” should be included. (10, Times Roman, Center justified)
3. Main part of project report should be in Times **Roman, 12 pts, justified** and **1.5 line spacing**.
4. Use paper size **8.5” x 11”** or A4(210 x 197 mm). Follow following margins.

| Margin | Paper 8.5” x 11” | Paper A4 |
| --- | --- | --- |
| Top | 1” | 23.4 mm |
| Left | 1.5” | 37 mm |
| Bottom | 1.25” | 32 mm |
| Right | 1 “ | 23.4 mm |

1. There should be **double line space** between paragraphs. Each paragraph will begin with a **five-space indentation.**
2. Chapter **titles** should be **bold** with **14 pts** typed in **CAPITAL** letters and should be aligned at the **center** of the page.
3. **Section heading** should be aligned at the **left** with **12 pts** and **bold** and **capitalized**.
4. Section **subheading** should be aligned at the **left** with **title case.**
5. Leave **two** spaces between section heading and **one** space between two-section subheadings.
6. Illustrations (Charts, drawings, photographs and figures.) must be embedded in text.
   * Illustrations must be sharp, clear, black and white**.**
   * Illustrations should not be more than 2 per page. (One is ideal).
   * **Figure No** and title at bottom with **12** pt.
   * **Legends** below the title in **10** pt.
   * Illustrations **should not** be photocopied
   * Proper margins from all sides.
7. Number the pages **centrally** below the footer.
8. References should be in the order as they **appear in the report.**
9. Symbols and notations if any should be included in nomenclature section only.
10. Order of report: -
    * **Cover page** and **front page [Refer P1]**
    * **Certificate** from Institute. **[Refer P2]**
    * Acknowledgement
    * Abstract
    * Table of Contents **[Refer P3]**
    * Chapters
    * References
11. All chapters, section heading and sub headings should be numbered. For chapter use numbers 1, 2, 3 and for sub headings 1.1, 1.2, 1.3. And section subheadings 1.1.1, 1.1.2 etc.
12. Use the template provided for writing cover page and certificate with the same font size, type and spacing.
13. Page numbers - Start numbering from introduction with 1, other pages like certificate, Acknowledgement, abstract, table of contents etc with small Roman.

# **[P-1]**

*(Four blank spaces)*

**A PROJECT REPORT ON** (12/bold, upper case)

*(Two blank spaces)*

**YOUR PROJECT TITLE** (16/bold, upper case)

*(Two blank spaces)*

SUBMITTED TO THE SAVITRIBAI PHULE PUNE UNIVERSITY, PUNE

IN THE FULFILLMENT OF THE REQUIREMENTS

FOR THE AWARD OF THE DEGREE (12, upper case)

*(One blank space)*

OF (12, upper case)

*(Two blank spaces)*

**SECOND YEAR OF COMPUTER ENGINEERING**

(16/bold, upper case)

*(Two blank spaces)*

##### **SUBMITTED BY**

(12, upper case)

*(Two blank spaces)*

**(Note: all group members name and Roll No)**

STUDENT NAME Roll No :(12, bold/upper case)

*(Two blank spaces)*



## **DEPARTMENT OF COMPUTER ENGINEERING**

(16 bold/upper case)

*(One blank spaces)*

**PUNE INSTITUTE OF COMPUTER TECHNOLOGY**

(12, bold/upper case), *(One blank space)*

DHANKAWADI, PUNE – 43

(12, bold/upper case)

*(One blank space)*

## **SAVITRIBAI PHULE PUNE UNIVERSITY [P-2]**

**SCTR’s PUNE INSTITUTE OF COMPUTER TECHNOLOGY, PUNE**

**DEPARTMENT OF COMPUTER ENGINEERING**

## (12, bold/upper case)

## **2022 -2023**

(12, bold/upper case)



**CERTIFICATE**

(14, bold/upper case) *(Three blank spaces)*

This is to certify that the preliminary project report entitled (12, sentence case)

*(One blank space)*

**YOUR PROJECT TITLE GOES HERE**  (12, bold/upper case)

*(Two blank spaces)*

Submitted by

*(One blank space)*

STUDENT NAME Exam No : B210808(12, bold/upper case)

*(One blank space)*

is a bonafide student of this institute and the work has been carried out by him/her under the supervision of **Prof. A. B. C** and it is approved for the partial fulfillment of the requirement of Savitribai Phule Pune University, for the award of the degree of **Bachelor of Engineering** (Computer Engineering).

(12, Sentence case)*(One blank space)*

*(Three blank spaces)*

**Prof. ……………** **Dr. Geetanjali V. Kale**

Guide Head,

Department of Computer Engineering Department of Computer Engineering

(12, Sentence case)

Place: Pune

Date :

**ACKNOWLEDGEMENT**

(14, bold/upper case)

Statement goes here (12, Sentence case)

**NAME OF THE STUDENTS**

**ABSTRACT** (14, bold, uppercase)

Statement goes here (12, Sentence case)

Abstract should include overview of Context of the project, Problem, Solution & Conclusion.

**[P3]**

*(Four blank spaces)*

**TABLE OF CONTENTS** (14, bold, uppercase)

LIST OF ABBREVATIONS i

LIST OF FIGURES ii

LIST OF TABLES iii

(12, UPPERCASE)

# **CHAPTER TITLE PAGE NO.**

(12, bold, UPPERCASE)

| Sr. No. | | | Title of Chapter | | Page No. |
| --- | --- | --- | --- | --- | --- |
| 01 | | | **Introduction** | |  |
|  | 1.1 | | **Motivation** | |  |
|  | 1.2 | | **Problem Definition** | |  |
| 02 | | | **Literature Survey** | |  |
| 03 | | | **Software Requirements Specification** | |  |
|  | | 3.1 | **Project Scope** | |  |
|  | | 3.2 | **Functional Requirements** | |  |
|  | |  | 3.2.1 | System Feature 1(Functional Requirement) |  |
|  | |  | 3.2.2 | System Feature2 (Functional Requirement) |  |
|  | |  |  | …… |  |
|  | |  |  | …… |  |
|  | | 3.3 | **Nonfunctional Requirements** | |  |
|  | |  | 3.4.1 | Performance Requirements |  |
|  | |  | 3.4.2 | Safety/ Security Requirements |  |
|  | | 3.4 | **System Requirements** | |  |
|  | |  | 3.3.1 | Database Requirements |  |
|  | |  | 3.3.2 | Software Requirements (Platform Choice) |  |
|  | |  | 5.3.3 | Hardware Requirements |  |
|  | | 3.5 | **System Implementation Plan** | |  |
| 04 | | | **System Design** | |  |
|  | | 4.1 | System Architecture | |  |
|  | | 4.2 | Flowchart / Activity Diagrams | |  |
| 05 | | | **Other Specification** | |  |
|  | | 5.1 | Advantages | |  |
|  | | 5.2 | Limitations | |  |
|  | | 5.3 | Applications | |  |
| 06 | | | Conclusions & Future Work | |  |
| 07 | | | References | |  |

**LIST OF ABBREVATIONS**

| **Abbreviation** | **Illustration** |
| --- | --- |
|  |  |
| VPN | Virtual Private Network |
| IP | Internet Protocol |
| IDS | Intrusion Detection System |
| TCP | Transmission Control Protocol |
|  |  |
|  |  |
|  |  |
|  |  |

**LIST OF FIGURES**

| **Figure** | **Illustration** | **Page No.** |
| --- | --- | --- |
|  |  |  |
| 1.1 | System Overview | 3 |
| 1.2 | System Behavior | 5 |

**LIST OF TABLES**

| **Table** | **Illustration** | **Page No.** |
| --- | --- | --- |
|  |  |  |
| 4.1 | Project Plan | 29 |
|  |  |  |
|  |  |  |