**GIET University, Gunupur**

**Dept. of CSE, AIML, DS**

# Learning Project-II Report Content

I. Front Page

- Include project title, student name, roll number, institution, and date.

- Attach a color page.

II. Certificate

- Include a certificate from the project supervisor or institution.

- Color page.

III. Acknowledgement

- Express gratitude to Class Teacher, institution, and others who contributed.

- Color page.

IV. Abstract

- Provide a brief summary (max. 2 pages) of the project, including objectives, methodology, and outcomes.

V. Index page

VI. Introduction

- Introduce the project, including:

- Purpose

- Project scope

- Product features

VII. Works Done in the Related Area

- Discuss at least 5 existing works related to the project.

VIII. System Analysis

- User Requirements

- Identify user needs and expectations.

- Hardware Requirements:

- Specify hardware components needed.

- Software Requirements:

- Specify software components needed.

IX. System Design & Specifications

High-Level Design (HLD)

- Project Model

- Flow Chart

- Entity-Relationship Diagram (E-R Diagram)

Low-Level Design (LLD)

- Process Specification:

- Pseudo code/Algorithm

- Screen-Shot Diagram

X. Coding

- Include the actual code written for the project.

XI. Testing

- Unit Testing:

- Test cases (Input, Expected Output, Actual Output, Remedial actions)

XII. Conclusion & Limitations

- Summarize the project's outcomes and limitations.

XIII. Reference/Bibliography

- List sources used in the project, in alphabetical order, including books, websites, etc.

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| Paper Size & Format | A4 size (Preferably JK Copier) Use only one side of the paper  for all printed matter in Single Column Format. |
| Margins | Left =1.50" Right = 1.00"  Top =1.00" Bottom = 1.00" |
| Header / Footer | From Edge 0.5" |
| Line Spacing | It should be in 1.5 spacing. |
| Paragraph Spacing | Use 6 pts before & 6 pts after paragraphs.  The first line of each paragraph should normally be indented by  five characters or 12mm. |
| Font | Times New Roman |
| Justification | The text should be fully justified |
| Regular Text | Times Roman 12 pts. & normal print. |
| Chapter Heading | Times Roman 16 pts., bold print and all capitals. |
| Section headings | Times Roman 14 pts., bold print and all capitals |
| Sub-section Headings | Times Roman 12 pts., bold print and leading |
| Header content | For each chapter at top right corner chapter no. should be  written Times Roman 10 pts. |
| Page Numbering | All printed page numbers should be located at the bottom centre of the page (Footer)  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......  All page numbers from the first chapter onwards should be printed using Arabic numerals, i.e. 1,2,3,4,5.. |
| Numbering of Chapters, Sections and Sub- sections: | The numbering of Chapters, section and sub-sections should be done using Arabic numerals only and further decimal notation should be used for numbering the sections and sub-sections within a chapter. For examples sub-section 4 under section 3  belonging to chapter 2 should be numbered as 2.3.4 |
| Captions | Captions for figures & snapshoot should be typed at its bottom.  The captions for tables should be typed at its top. |
| Number of Copies to be  submitted | One(30-50 pages ) |
| Binding Specifications. | Learning Project-II Report should be in Spiral binding |

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Learning Project-II Report Format