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**TECHNO INTERNATIONAL NEW TOWN**

**(Formerly known as Techno India College of Technology)**

**Block-DG, Action Area 1, New Town, Kolkata -700156, West Bengal, India**

**Department of Computer Science & Engineering**

**Eight Semester Project-III Report (PROJ-CS881)**

***Project Title***

***Prepared by***

***Student-Name1(Roll No:-)***

***Student-Name2(Roll No:-)***

***Student-Name3(Roll No:-)***

***Student-Name4(Roll No:-)***

***Under the Guidance of***

***Prof. Faculty Name***

***Batch:- 2021-2025******Semester :8 th (2025 –EVEN) Year : January 2025 – June 2025***

***Stream:- Computer*** ***Science & Engineering Year of Study: 4th***

***Affiliated to***

****

**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WESTBENGAL**

**(FORMERLY KNOWN AS WEST BENGAL UNIVERSITY OF TECHNOLOGY)**

**ACKNOWLEDGEMENT**

We would like to express our sincere gratitude to Prof. \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ of the Department of Computer Science & Engineering, whose role as project guide was invaluable for the project. We are extremely thankful for the keen interest he / she took in advising us, for the books and reference materials provided for the moral support extended to us.

Last but not least we convey our gratitude to all the teachers for providing us with the technical skill that will always remain our asset and to all non-teaching staff for the cordial support they offered.

Place: Techno International New Town

Date: \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student name-1

(Roll No: - )

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Student name-2

(Roll No: - )

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Department of Computer Science & Engineering,

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**Approval**

This is to certify that the project report entitled “………………………………….” prepared under my supervision by Name1 (Roll Number), Name2 (Roll Number), …., be accepted in partial fulfillment for the degree of Bachelor of Technology in Computer Science & Engineering which is affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal (Formerly known as West Bengal University of Technology).

It is to be understood that by this approval, the undersigned does not necessarily endorse or approve any statement made, opinion expressed or conclusion drawn thereof, but approves the report only for the purpose for which it has been submitted.

…………………………………………

Prof.(Name of the Project Mentor)

………………………………………….

Dr. Swagata Paul,

HOD, Computer Science & Engineering,

Techno International New Town

**Abstract**

This should ideally be one paragraph only (which may be big in size) that should briefly describe the topic/problem domain on which you are working on. The font size to be used should be Times New Roman of size 12 throughout the document. Take care to see that the paragraph is justified in this & subsequent sections.

**CONTENTS**

1. **INTRODUCTION ………………………………..………………… …… Page No.**
2. **PROBLEM DEFINITION…………………………………………………….............**
3. **BACKGROUND/SURVEY…………………………………………………………….**
4. **PROPOSED METHODOLOGY………………………………………………………**
   1. **Architecture /Flow Diagram…………………………………………………………**
   2. **Algorithm…………………………………………………………………………….**
   3. **Source-code………………………………………………………………………….**
5. **REQUIREMENT SPECIFICATION…………………………………........................**
6. **OUTPUT /RESULT ANALYSIS………………………………………………………**
   1. **Screenshots of Output…………………………………………………………….**
   2. **Analysis of Output ………………………………………………………**
7. **FUTURE SCOPE OF PROJECT…………………………………………………….**
8. **CONCLUSION………………………………………………………………………….**
9. **BIBLIOGRAPHY………………………………………………………………………..**

**LIST OF FIGURES**

1. **Figure Caption……………………………………………………………Page No.**

**(For every figure in the document it should be numbered along with a caption/title in the document where it is placed. The figure along with its number & Caption should be centrally aligned)**

**LIST OF TABLES (OPTIONAL)**

1. **Table Caption……………………………………………………………Page No.**

**(For every table in the document it should be numbered along with a caption/title in the document where it is placed. The table along with its number & Caption should be centrally aligned)**

1. **Introduction (**Should start on a new page)

In this section you need to specify the domain (like networking/Artificial Intelligence/Software Testing /Application oriented like web-development related etc.) you are working on & the related concepts / terminologies/methodologies involved.

1. **Problem Definition**

In this section you need to clearly specify the exact problem area and your working domain (like security aspect of files in file transfer in network) that you want to attack /resolve.

1. **Background/Survey**

In this section ideally you need to specify and explain the background /context based on which this problem was identified. Previous related works/solutions along with their merits and gaps /shortcomings may be mentioned with proper citations.

1. **Proposed Methodology (**Should start on a new page)
   1. **Architecture /Flow Diagram**

In this section you need to specify the working of the model/prototype through a flowchart with proper symbols.

* 1. **Algorithm**

In this section you need to specify the working using a pseudo-code. If any existing algorithms are used /called it is necessary to mention where in your developed algorithm the existing algorithm is called.

* 1. **Source-code**

In this section you need to paste all the programs starting with program- name used in your developed solution. Each program should have a comment that explains the objective.

1. **Requirement Specifications (**Should start on a new page)

In this section you need to specify : -

1. Hardware specification- CPU ,RAM ,Hard Disk
2. Software specification - Operating system(version), Software(version)
3. Name and description of the datasets used with URL(optional)
4. Any other external JAR/LIBRARY file used (optional)
5. Execution manual- explain the process of execution stepwise.
6. **OUTPUT /RESULT ANALYSIS(**Should start on a new page)
   1. **Screenshots of Output**

Include screenshots of the output /figures with proper caption at the bottom of the screenshot/figures.

* 1. **Analysis of output**

In this section you need to specify the improvement /betterment achieved using this solution. The shortcomings may also be discussed. Improvement may be expressed on the whole for innovative solution /partially using percentage/other statistical/relevant metrics.

1. **Future Scope of the Project (**Should start on a new page)

In this section you need to specify what are the areas left for you to complete /improve the project in the coming semester. If your project is complete, what are the pros & cons. In case your project is incomplete you can specify what technology you have thought to use to implement your design/algorithm & the reason/ justification.

1. **Conclusion(**Should start on a new page)

In this section you need to specify what you feel about your project in terms of its performance, its market demand/value and its advantage over other solutions (if existing), in case your project is complete. Also what have you learnt while working on this project.

1. **Bibliography(**Should start on a new page)

In this section you need to specify the references that you took for compiling your project which can be:-

9.1 Book name along with author name & publisher

9.2 Conference Paper refereed with format mentioned as follows:-

Author-name1,Author-name2,”Title of Paper”, Proceeding of Conference-name, Year.

9.3 Journal Referred with format mentioned as follows:-

Author-name1,Author-name2,”Title of Journal”, Name of Journal, volume no-,Year ,start-page number –end-page number.

9.4 URL of the websites

**---------------------------------------------X--------------------------------------------------------**