

Mahatma Gandhi Mission's College Of Engineering And
Technology, Navi Mumbai
Department of Information Technology

Instructions for writing BE Project Work - I Report

1. Prepare two copies of your project report.
2. Limit your project report 30 to 40 **pages (Excluding certificate, Table of Contents, acknowledgement, glossary and references)**
3. The footer “**MGM CET, Department of Information Technology 2023-24**” should be included. (10, Times Roman, **Left aligned**)
4. Main part of project report should be **Times Roman, 12 pts, justified and 1.5 line spacing**.
5. 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

6. There should be **double line space** between paragraphs. Each paragraph will begin with a **five-space indentation**.
7. Chapter **titles** should be **bold** with **16 pts** typed in **CAPITAL** letters and should be aligning at the **center** of the page with **Chapter Number**.
8. **Section heading** should be aligning at the **left** with **14 pts** and **bold** and **capitalized**.
9. Section **subheading** should be aligning at the **left** with **title case**.
10. 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.
11. Leave **two** spaces between section heading and **one** space between two-section subheadings.
12. 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 **11 pt**.
 - **Legends** below the title in **10 pt**.
 - Proper margins from all sides.
 - Illustrations **should not** be photocopied.

13. Number the pages **Right aligned in** the footer.
14. References should be in the order as they **appear in the report Refer IEEE standard reference style.**
15. Symbols and notations if any should be included in nomenclature section only.
16. Order of report: -
 - **Cover page and front page** [Refer P1]
 - **Certificate** from Institute. [Refer P2]
 - **Certificate** from industry, if any.
 - Acknowledgement
 - Abstract
 - Table of Contents [Refer P3]
 - **List of Figures**
 - **List of Tables**
 - **List of Abbreviations**
 - Chapters
 - References
 - Published paper with certificate
 - Plagiarism report
17. Use the template provided for writing cover page and certificate with the same font size, type and spacing.
18. **Page numbers - Start numbering from introduction with 1, other pages like certificate, acknowledgement, abstract, table of contents etc. with small Roman.**
19. Paper Publication certificate with published paper need to be attached at the end.
20. Plagiarism check report with less than 20% plagiarism should be attached.

[P-1]

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A PRELIMINARY REPORT ON (12/bold, upper case)

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YOUR PROJECT TITLE GOES HERE (16/bold, upper case)

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SUBMITTED TO THE MUMBAI UNIVERSITY, MUMBAI
IN THE PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE (12, upper case)

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OF (12, upper case)

(Two blank spaces)

BACHELOR OF ENGINEERING (INFORMATION TECHNOLOGY)

(16/bold, upper case)

(Two blank spaces)

SUBMITTED BY

(12, upper case)

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STUDENT NAME

Exam No :(12, bold/upper case)

(Two blank spaces)

Under the Guidance of
(Guide Name)



DEPARTMENT OF INFORMATION TECHNOLOGY

(16 bold/upper case)

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MGM'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

NAVI MUMBAI, KAMOTHE- 410209

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MUMBAI UNIVERSITY

(12, bold/upper case)

A.Y. 2023-2024(12, bold/upper case)

[P-2]



CERTIFICATE (14, bold/upper case)
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This is to certify that the project report entitles (12, sentence case)
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“YOUR PROJECT TITLE GOES HERE” (12, bold/upper case)
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Submitted by
(One blank space)

STUDENT NAME Exam No: (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 Mumbai University, for the award of the degree of **Bachelor of Engineering** (Information Technology).

(12, Sentence case)

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(Prof.)

Guide

Department of Information Technology
(12, Sentence case)

Dr.Swati Sinha
Head
Department of Information Technology

Dr. Geeta S.Lathkar
Director
MGMCET, Navi Mumbai.

Place: Kamothe
Date:

PROJECT REPORT APPROVAL FOR B.E

This Project entitled “.....**Bold**” by(**student names,bold**),is approved for the degree of Bachelor of Engineering in Information Technology

.....

External Examiner

Internal Examiner

Place: Kamothe
Date:

DECLARATION

We declare that this written submission represents our ideas in our own words and where other's ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violation of the above will be cause for disciplinary action by the institute and can also evoke penal action from the source which has thus not been properly cited or from whom proper permission has not been taken when needed.

Sr. no	Name of Student	UID	Signature

Place: Kamothe

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]

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TABLE OF CONTENTS (14, bold, uppercase)

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(12, UPPERCASE)

CHAPTER (12, bold, UPPERCASE)	TITLE	PAGE NO.
Sr. No.	Title of Chapter	Page No.
01	Introduction	
1.1	Motivation	
1.2	Problem Definition	
1.3	Objective	
1.4	Scope	
02	Literature Survey	
2.1	Survey of Existing System	
2.2	Limitation of Existing System	
03	Software Requirements Specification	
3.1	Introduction	
3.1.1	Project Scope	
3.1.2	User Classes and Characteristics	
3.1.3	Assumptions and Dependencies	
3.2	Functional Requirements	
3.2.1	System Feature 1(Functional Requirement)	
3.2.2	System Feature2 (Functional Requirement)	
	
	
3.3	External Interface Requirements (If Any)	
3.3.1	User Interfaces	
3.3.2	Hardware Interfaces	
3.3.3	Software Interfaces	
3.3.4	Communication Interfaces	
3.4	Nonfunctional Requirements	
3.4.1	Performance Requirements	
3.4.2	Safety Requirements	
3.4.3	Security Requirements	

- 3.4.4 Software Quality Attributes
- 3.5 **System Requirements**
 - 3.3.1 Database Requirements
 - 3.3.2 Software Requirements(Platform Choice)
 - 5.3.3 Hardware Requirements
- 3.6 **Analysis Models: SDLC Model to be applied**

04 System Design

- 4.1 Algorithm
- 4.2 Proposed System Architecture
- 4.3 Data Flow Diagrams
- 4.4 Entity Relationship Diagrams
- 4.5 UML Diagrams

05 System Implementation

- 5.1 Screenshots
- 5.2 Advantages
- 5.3 Limitations
- 5.4 Applications

06 System Testing

- 6.1 Test Cases

07 Result and Analysis

08 Conclusions & Future Scope

Appendix A: Problem statement feasibility assessment using, satisfiability analysis and NP Hard,NP-Complete or P type using modern algebra and relevant mathematical models.

Appendix B: Details of the papers referred in IEEE format (given earlier) Summary of the above paper in not more than 3-4 lines. Here you should write the seed idea of the papers you had referred for preparation of this project report in the following format.

Example:

Thomas Noltey, Hans Hansson, Lucia Lo Belloz,”Communication Buses for Automotive Applications” In *Proceedings of the 3rd Information Survivability Workshop (ISW-2007)*, Boston, Massachusetts, USA, October 2007. IEEE Computer Society.

Appendix C: Plagiarism Report

References

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LIST OF ABBREVIATIONS

ABBREVIATION

ILLUSTRATION

VPN	Virtual Private Network
IP	Internet Protocol
IDS	Intrusion Detection System
TCP	Transmission Control Protocol