

Department of Electronics and Communication Engineering

Maharaja Agrasen Institute of Technology

Guidelines for Preparation of Final Report of the Major Project - Dissertation (ES-452)

The guidelines prescribed in here are intended to be followed by the B.Tech (ECE) students of MAIT for preparing their preparing final report of the **Major Project – Dissertation (ES-452)**. The report should contain the following items in the sequence as prescribed:

- Cover Page
- Declaration (as per the format attached)
- Certificate (as per the format attached)
- Acknowledgement
 - Sections of the acknowledgement should express gratitude to the faculty supervisor(s), Company Supervisor (if any), Institute, Principal and HOD.
 - Gratitude towards the mentor, peers, family members, friends, etc. may also be added if you wish to include.
- Abstract (1 page only)
- Table of Contents (Drawing of Table is strictly prohibited)
- List of Figures (Drawing of Table is strictly prohibited)
- List of Tables (Drawing of Table is strictly prohibited)
- Chapters (as per format attached) – Different chapters are prescribed for development based and research based project. Follow the chapters as per the project.
- Bibliography
- Appendix

General Format Guidelines:

- Paper size: A4 (Single Side Printing)
- Margins: Left- 1.5”, Right- 1.0”, Top- 1.0”, Bottom- 1.0” (Normal Setting)
- Chapters Name: Bold- 16 points, Font- Times New Roman, Left Aligned
- Main Heading: Bold- 14 points, Font- Times New Roman, Left Aligned
- Sub Headings: Italics- 12 points, Font- Times New Roman, Left Aligned
- Main Body: Normal- 12 points, Font- Times New Roman, Justified
- Line spacing: 1.5
- Footer: Normal- 10 Points, Times New Roman- Left Aligned (NAME OF THE DEPARTMENT)
Footer should not be present on Cover Page
- Page Numbers in Footer: Normal-10 Points, Times New Roman- Right Aligned, Roman Page number till Table of Contents. No Page number should be marked on the Cover page. The page numbers should be in numerals from Starting from Chapter 1.
- Figure Numbers: Normal- 10 points, Font- Times New Roman, Centre Aligned, Below the figure (Figure itself should be center aligned too). Figure must be cited if required.
- Table Numbers: Normal- 10 points, Font- Times New Roman, Centre Aligned, Above the table (Table itself should be center aligned too). Table must be cited if required.
- References: IEEE Format
- Report Binding & Page Limit: Hard Bound (Golden Engraved Print on **MAROON** Binding) with minimum 40 pages. Hard Bound Report’s side must be printed with “PROJECT TITLE (2021-25)”

Title of the Report

(ES-452: Major Project - Dissertation)

submitted in partial fulfillment of the requirement
for the award of the degree of

Bachelor of Technology in Electronics and Communication Engineering

Submitted by

**NAME OF THE STUDENT
ENROLLMENT NO**

Under the supervision of

**NAME OF THE FACULTY SUPERVISOR
DESIGNATION**



Maharaja Agrasen Institute of Technology
Sector-22, Rohini, Delhi-110086.

May/June 2025

DECLARATION

This is to certify that the material embodied in this Major Project - Dissertation titled “.....” being submitted in the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electronics and Communication Engineering is based on my original work. It is further certified that this Major Project - Dissertation work has not been submitted in full or in part to this university or any other university for the award of any other degree or diploma. My indebtedness to other works has been duly acknowledged at the relevant places.

(Name of the Student)

Enrollment No

CERTIFICATE

This is to certify that the work embodied in this Major Project - Dissertation titled “.....” being submitted in the partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Electronics and Communication Engineering, is original and has been carried out by **NAME OF THE STUDENT** (Enrollment No.) under my supervision and guidance.

It is further certified that this Major Project - Dissertation work has not been submitted in full or in part to this university or any other university for the award of any other degree or diploma to the best of my knowledge and belief.

(Name of the Faculty Supervisor)

Designation

(Name of the HOD)

HOD

Name of the Institute

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Chapter 2: Problem Statement

2.1: Problem Definition

2.2: Objectives

Chapter 3: Analysis

3.1: Software Requirement Specifications

3.1.1: Functional Requirements of the Project

3.1.2: Non-functional Requirements of the Project

3.2: Feasibility Study of the Project

3.3: Tools / Technologies / Platform used

3.4: Use Case Diagrams / Data Flow Diagrams

Chapter 4: Design and Architecture

4.1: Structure Chart / Work Breakdown Structure

4.2: Explanation of Modules

4.3: Flow Chart / Activity Diagram

4.4: ER Diagram / Class Diagram

Chapter 5: Implementation

5.1: Screenshots

5.2: Source Code of some modules

Chapter 6: Testing (*include some test cases*)

Chapter 7: Summary and Conclusion

Chapter 8: Limitation of the Project and Future Work

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Chapter 3: Literature Review

Chapter 4: Research Methodology

4.1: Methodology used

4.2: Data Collection and Analysis

4.3: Tools / Technology used

Chapter 5: Analysis and Research Implementation

5.1: Data Presentation

5.2: Implementation of the Work

5.3: Analysis and Interpretation

Chapter 6: Results and Discussion

6.1: Results

6.2: Discussion

6.3: Findings

Chapter 7: Summary and Conclusion

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