1. ARRANGEMENT OF CONTENTS:

The sequence in which the project report material should be arranged and bound should be as follows:

1. Cover Page : - Refer Appendix I
2. Title Page: - Refer Appendix II
3. Certificate: - Refer Appendix III
4. Acknowledgement : - Refer Appendix IV
5. Abstract: - Not more than 200 words
6. Table of Contents: - Refer Appendix V
7. List of Tables
8. List of Figures
9. List of Symbols, Abbreviations and Nomenclature
10. Chapters : - Refer Appendix VI
    1. Introduction
        a. Need
        b. Basic Concepts
        c. Application
    2. Literature Survey
        a. Related Work Done
        b. Existing System (Modification)
    3. Project Statement
        a. What is to be developed
        b. Technology Used
        c. Parameters
    4. System Requirement & Specification
        a. S/W & H/W Requirements
        b. Gathering and Analysis using UML
    5. Design
        a. DFD's (Up to level 2)
        b. UML Diagrams
    6. Planning & Scheduling

    References: - Refer Appendix VII

2. PAGE DIMENSION AND BINDING SPECIFICATIONS:

The dimension of the project report should be in A4 size. The project report should be spiral bound using flexible cover of the thick light sky blue art paper. The cover should be **printed in black letters** and the text for printing should be identical.

3. PREPARATION FORMAT:

3.1 List of Tables – The list should use exactly the same captions as they appear above the tables in the text. One and a half spacing should be adopted for typing the matter under this head.

3.2 List of Figures – The list should use exactly the same captions as they appear below the figures in the text. One and a half spacing should be adopted for typing the matter under this head.

3.3 **List of Symbols, Abbreviations and Nomenclature** – One and a half spacing should be adopted or typing the matter under this head. Standard symbols, abbreviations etc. should be used.

3.4 **List of References** –The listing of references should be typed 4 spaces below the heading "REFERENCES" in alphabetical order in single spacing left – justified. The reference material should be listed in the alphabetical order of the first author. The name of the author/authors should be immediately followed by the year and other details.

4. TYPING INSTRUCTIONS:

The impression on the typed copies should be black in color.

The preliminary project report should be spiral bound with cover page printed on it in specified format.

- The general text shall be typed in the Font style 'Times New Roman' and Font size 12. Use 1.5 spacing between the regular text and quotations.
- FONT

i) REGULAR TEXT - Times Roman 12 pts. and normal print.
ii) CHAPTER HEADING - Times Roman 14 pts., bold print and all capitals.
iii) SECTION HEADINGS - Times Roman 12 pts., bold print and all capitals
iv) SUBSECTION HEADINGS - Times Roman 12 pts., bold print and leading capitals. i.e. Only first letter in each word should be in capital Single line spacing should be used for typing the general text.
v) The margins for the regular text are as follows:
LEFT = 1.50", RIGHT = 1.00", TOP = 1.00", BOTTOM = 1.00

*** * * * ***

APPENDIX 1
(Specimen of Cover Page & Title Page)
<Font Style Times New Roman – Bold>

PROJECT PHASE-I REPORT
<Font Size 14>

ON

TITLE OF PROJECT

<Font Size 18><1.5 line spacing>

Submitted by
<Font Size 14><Italic>

NAME OF THE CANDIDATE(S)
<Font Size 14>

in partial fulfillment for the award of the degree

of

<Font Size 14><1.5 line spacing><Italic>

Bachelor of Engineering
of
Savitribai Phule Pune University
<Font Size 16>

IN

INFORMATION TECHNOLOGY
<Font Size 14>

<LOGO SIZE 1.9by1.9>

MIT COLLEGE OF ENGINEERING
2019-20
<Font Size 14>

Appendix II
<Typical specimen for Title page>

PROJECT PHASE-I REPORT

ON

TITLE OF PROJECT

Submitted By

A
B
C
D

Guided by

Name of Guide

DEPARTMENT OF INFORMATION TECHNOLOGY
MIT COLLEGE OF ENGINEERING
KOTHRUD, PUNE
SAVITRIBAI PHULE PUNE UNIVERSITY
2019- 2020

APPENDIX III
(A typical specimen of Certificate)

COLLEGE LOGO

DEPARTMENT OF INFORMATION TECHNOLOGY
<Font 14 Bold>

Certificate

<Font Style Times New Roman , Italic size -18>

<Font Style Times New Roman, Font size 12>

This is to certify that,

Exam seat no: - Name of Student
Exam seat no: - Name of Student
Exam seat no: - Name of Student
Exam seat no: - Name of Student

have successfully completed this project report entitled "**TITLE OF PROJECT WORK**", under my guidance in partial fulfillment of the requirements for the degree of Bachelor of Engineering in Department of <Branch Name> of Savitibai Phule Pune University, Pune during the academic year 2019-20.

Date: -
Place: -

<Name of Project Guide>
Guide

<Name of HOD>
Head of Department

External Examiner Sign:

Appendix IV
<Typical Specimen for Acknowledgement>

Acknowledgement

We take this opportunity to thank our project guide <Name of Guide > and Head of the Department <Name of Head> for their valuable guidance and for providing all the necessary facilities, which were indispensable in the completion of this project report. We are also thankful to all the staff members of the Department of <Branch Name> of <College name> <Place> for their valuable time, support, comments, suggestions and persuasion. We would also like to thank the institute for providing the required facilities, Internet access and important books.

Name of Students
with seat no.

APPENDIX V
(A typical specimen of Contents)

APPENDIX VI
(A typical specimen of Chapter)

Chapter 1

Introduction

1.1 Motivation and Objective

In recent years, audio-visual information sharing has become more prevalent under the rapid development of Internet. Real-time multimedia applications are also made possible with the advancement of mobile communication technologies. However, in open networks, there is a potential risk of making sensitive information such as military and medical images vulnerable to unauthorized interceptions. The development of robust cryptographic schemes is thus essential to the provision of multimedia security. For textual information, it can be satisfied with the direct application of many well-established encryption schemes such as Data Encryption Scheme (DES)[1], International Data Encryption Algorithm (IDEA) [2] and Advanced Encryption Scheme (AES) [3]. However, the case of multimedia information in real-time communication is different and hard to be accomplished by traditional schemes.

APPENDIX VII
(A typical specimen of References)

References

[1] Data Encryption Standard, NIST FIPS PUB 46-2, U.S. Department of Commerce, 1993.

[2] X. Lai, J. Massey, A Proposal for a New Block Encryption Standard, *Proc. of Advances in Cryptology*-EUROCRYPT '90, Springer-Verlag, pp. 389-404, 1991.

[3] Advanced Encryption Standard, NIST FIPS PUB 197, U.S. Department of Commerce, 2001.

[4] Z. Li, D. Xu, A Secure Communication Scheme Using Projective Chaos Synchronization, *Chaos, Solitons and Fractals* 22(2), pp. 477-481, 2004.

[5] J. Y. Chen, K. W. Wong, L. M. Cheng, J. W. Shuai, A Secure Communication Scheme Based on the Phase Synchronization of Chaotic Systems, *Chaos* 13(2), pp. 508-514, 2003.

[6] T. Habutsu, Y. Nishio, I. Sasase, S. Mori, A Secret Key Cryptosystem by Iterating a Chaotic Map, *Proc. of Advances in Cryptology-CRYPTO '91*, Springer-Verlag, pp. 127-140, 1991.