

## **Project Guidelines**

### **Guidelines to prepare Project**

The student is expected to take up any industry oriented application and develop a project on this topic preferably on C, C++, VB. The implementation should involving all the phases of software development life-cycle i.e. problem formulation, design, implementation and testing phases. Below are the guidelines for structuring and formatting of the project report.

**Qualification of Report Supervisor:** The report supervisor can be any M.Tech./MCA/M.Sc.(CS) or equivalent qualified person from the industry or academia with sufficient experience in the respective field.

### **Font**

1. Chapter Names - 16 TIMES NEW ROMAN (bold) all caps
2. Headings - 14 TIMES NEW ROMAN (bold) all caps
3. Subheadings - 14 TIMES NEW ROMAN (bold) Title case
4. Sub – sub headings - 12 TIMES NEW ROMAN (bold) Title case
5. Body of Project - 12 TIMES NEW ROMAN
6. Text in Diagrams - 12 TIMES NEW ROMAN (all lower case)
7. Diagrams / Table headings / Fig. Headings - 12' TIMES NEW ROMAN Title case
8. If any text 12' TIMES NEW ROMAN (Title case)

### **Spacing**

1. Two(2) line spacing between heading and body text.
2. 1.5 line spacing in body text.
3. New paragraphs start with single tab.

### **Margins**

Left 1.5' Right 1.0' Top 1.0' Bottom 1.0'

### **Page numbers**

position Bottom, Middle 1. Front Pages Small Roman Numbers (Excluding title page, Certificate page, Acknowledgement page) 2. Body pages 1,2,3 ..... 3. Annexure 1,2,3..... (Separate for each Annexure) Pages : Size : A4 paper Color: White Documentation : Spiral Binding

### **Front Pages**

Page 1 Title Page  
Page 2 Certificate Page  
3 Acknowledgement  
Page 4 Contents  
Page  
5 Abstract  
Page 6 List of Figures/ tables/ screens  
Page 7 Symbols & Abbreviations

### **CONTENTS**

Abstract List of Figures List of Tables List of Screens Symbols & Abbreviations

1. Introduction
  - 1.1 Motivation
  - 1.2 Problem definition
  - 1.3 Objective of Project
  - 1.4 Limitations of Project
  - 1.5 Organization of Documentation
  
2. LITERATURE SURVEY
  - 2.1 Introduction
  - 2.2 Existing System
  - 2.3 Disadvantages of Existing system
  - 2.4 Proposed System
  - 2.5 Conclusion
  
3. ANALYSIS
  - 3.1 Introduction
  - 3.2 Software Requirement Specification
    - 3.2.1 User requirement
    - 3.2.2 Software requirement
    - 3.2.3 Hardware requirement
  - 3.3 Content diagram of Project
  - 3.4 Algorithms ad Flowcharts
  - 3.5 Conclusion
  
4. DESIGN
  - 4.1 Introduction
  - 4.2 DFD / ER / UML diagram (any other project diagrams)
  - 4.3 Module design and organization
  - 4.4 Conclusion

## 5. IMPLEMENTATION & RESULTS

5.1 Introduction

5.2 Explanation of Key functions

5.3 Method of Implementation

5.2.1 Forms 5.2.2 Output Screens 5.2.3 Result Analysis

5.4 Conclusion

## 6. TESTING & VALIDATION

6.1 Introduction

6.2 Design of test cases and scenarios

6.3 Validation

6.4 Conclusion

7. CONCLUSION : First Paragraph - Project Conclusion

Second Paragraph - Future enhancement REFERENCES

1. Author Name, Title of Paper/ Book, Publisher's Name, Year of publication

2. Full URL Address

**A Project report on**

**<<Title of the project>>**

**MATER OF SCIENCE (INFORAMTION TECHNOLOGY)**

**Submitted By**

**<< Name of the Student >>**

**<< Enrolment No >>**

**Under the Guidance of**

**<< Guide Name >>**

**<< Designation >>**

**<<Your Study Center Name in CAPS>>**

**<< University Logo >>**

**School of Computer Science and IT,  
Uttarakhand Open University, Haldwani**

**<<Year>>**

**<<Your Centre Name in CAPS>>**

**School of Computer Science and IT**

**CERTIFICATE**

This is to certify that the project report titled << Project Title >> submitted by << Student Name >>, bearing <<Enrollment No>>, in Master of Science(Information Technology) - <<Semester>> is a record bonafide work carried out by me. The results embodied in this report have not been submitted by me to any other University for the award of any degree.

**<< Student Signature>>**

**<< Supervisor Signature >>**

**<< Coordinator Signature>>**