

MINI PROJECT GUIDELINES TO PREPARE B.TECH THESIS/DISSERTATION DOCUMENTATION

1. Size and Copies:

The Thesis/Dissertation should be submitted in A4 size Bond paper and 4 copies along with CD/DVD (contain Thesis/Dissertation Document, PPTs) of the Mini project are required to be submitted to the Department

2. Paper, Typing & Format:

Bond paper should be used for the preparation of the Thesis/Dissertation. Typing should be done with the following format.

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

- Spacing :**
1. Line spacing between heading and body text.
 2. 1.5 line spacing in body text.
 3. New paragraphs start with single tab.

Margins for documentation:

| | |
|-----------|-------------|
| Left 1.5' | Right 1.0' |
| Top 1.0' | Bottom 1.0' |

Margins for Main Title page

| | |
|-----------------------------------|-------------|
| Left 1.0' | Right 1.0' |
| (Only on top of Binding) Top 1.0' | Bottom 1.0' |

Page numbers: Position: Bottom, Middle

1. Front Pages Small Roman Numbers (i, ii, iii.....)
(Excluding title page, Declaration by the candidate, Certificate page, Acknowledgement, Contents page)
2. Body pages 1, 2, 3

Binding:

The Mini project should be Spiral binding.

Arrangement of the report

| | | |
|--------------------|----------------|--|
| Front Pages | Page 1 | Title Page |
| | Page 2 | Declaration by the candidate |
| | Page 3 | Certificate by Company/Organization |
| | Page 4 | Certificate by College |
| | Page 5 | Acknowledgement |
| | Page 6 | Contents |
| | Page 7 | Abstract |
| | Page 8 | List of Figures |
| | Page 9 | List of Tables |
| | Page 10 | List of screens |
| | Page 11 | Symbols & Abbreviations |

<Project Title Name>



Thesis/Dissertation submitted in the partial fulfillment of the requirements for the award
of the degree of

**BACHELOR OF TECHNOLOGY
in
COMPUTER SCIENCE & ENGINEERING**

by

<Student name: Capitalize each word only> <17K91A0XXX>
<Student name: Capitalize each word only> <17K91A0YYY>
<Student name: Capitalize each word only> <17K91A0ZZZ>
<Student name: Capitalize each word only> <17K91A0AAA>

Under the guidance of
<Guide name: Capitalize each word only >
<Designation Capitalize each word only >

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
TKR COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

**(Accredited by NBA and NAAC with 'A' Grade)
Medbowli, Meerpet, Saroornagar, Hyderabad-500097**

DECLARATION BY THE CANDIDATES

We, **Mr./Ms. Student Name** bearing Hall Ticket Number: **17K91A0XXX**, **Mr./Ms. Student Name** bearing Hall Ticket Number: **17K91A0YYY**, **Mr./Ms. Student Name** bearing Hall Ticket Number: **17K91A0ZZZ** and **Mr./Ms. Student Name** bearing Hall Ticket Number: **17K91A0AAA** hereby declare that the mini project report titled **<Project title name>** under the guidance of **Dr./Mr./Ms. <Guide name Capitalize each word only >**, **<Designation Capitalize each word only >** in Department of Computer Science & Engineering is submitted in partial fulfillment of the requirements for the award of the degree of ***Bachelor of Technology in Computer Science & Engineering***.

| | |
|--------------|------------|
| Student Name | 17K91A0XXX |
| Student Name | 17K91A0YYY |
| Student Name | 17K91A0ZZZ |
| Student Name | 17K91A0AAA |

CERTIFICATE BY COLLEGE/ORGANIZATION

CERTIFICATE

This is to certify that the mini project report entitled “<**Project Title Name**>”, being submitted by **Mr./Ms. <Student name>**, bearing **Roll.No.:17K91A0XXX**, **Mr./Ms. <Student name>**, bearing **Roll.No.:17K91A0YYY**, **Mr./Ms. <Student name>**, bearing **Roll.No.:17K91A0ZZZ** and **Mr./Ms. <Student name>**, bearing **Roll.No.:17K91A0AAA** in partial fulfillment of requirements for the award of degree of **Bachelor of Technology in Computer Science & Engineering**, to the TKR College of Engineering & Technology is a record of bonafide work carried out by them under my guidance and supervision.

Signature of the Guide
<Guide name>
<Designation>

Signature of the HOD
Dr.A.Suresh Rao
Professor

ACKNOWLEDGEMENT

The satisfaction and euphoria that accompanies the successful completion of any task would be incomplete without the mention of the people who made it possible and whose encouragement and guidance have crowned our efforts with success.

We are indebted to the **Internal Guide, Dr./Mr./Ms. xxxxx**, Designation, Dept. of Computer Science & Engineering, TKR College of Engineering & Technology, for him/her support and guidance throughout our Thesis/Dissertation.

We are also indebted to the **Head of the Department, Dr. A. Suresh Rao**, Professor, Computer Science & Engineering, TKR College of Engineering & Technology, for his support and guidance throughout our Thesis/Dissertation.

We extend our deep sense of gratitude to the **Principal, Dr. D. V. Ravi Shankar**, TKR College of Engineering & Technology, for permitting us to undertake this Thesis/Dissertation.

Finally, we express our thanks to one and all that have helped us in successfully completing this Thesis/Dissertation. Furthermore, we would like to thank our family and friends for their moral support and encouragement.

| | |
|--------------|------------|
| | By, |
| Student Name | 17K91A0XXX |
| Student Name | 17K91A0YYY |
| Student Name | 17K91A0ZZZ |
| Student Name | 17K91A0AAA |

CONTENTS

| | |
|------------------------------------|------------|
| Abstract | i |
| List of Figures | ii |
| List of Tables | iii |
| List of Screens | iv |
| Symbols & Abbreviations | v |

| | | |
|--------------|-------------------|---------------|
| S.No. | Topic name | Pg.No. |
|--------------|-------------------|---------------|

| | |
|--|----------------------------------|
| 1. INTRODUCTION | 1 |
| 1.1 Motivation | 2 |
| 1.2 Problem definition | |
| 1.3 Limitations of existing system | |
| 1.4 Proposed system | |
| 2. LITERATURE SURVEY (In case of IEEE paper based project, discussion of referred papers is required) | |
| 3. REQUIREMENTS ANALYSIS | |
| 3.1 Functional Requirements | |
| 3.2 Non-Functional Requirements | |
| 4. DESIGN | |
| 4.1 DFDs & UML diagrams | |
| 4.2 Algorithm | |
| 4.3 Sample Data | |
| 5. CODING | |
| 5.1 Pseudo Code | |
| 6. IMPLEMENTATION & RESULTS | |
| 6.1 Explanation of Key functions | |
| 6.2 Method of Implementation | |
| 6.2.1 Forms | |
| 6.2.2 Output Screens | |
| 6.2.3 Result Analysis | |
| 7. TESTING & VALIDATION | |
| 7.1 Design of Test Cases and Scenarios | |
| 7.2 Validation | |
| 7.3 Conclusion | |
| 8. CONCLUSION : | |
| First Paragraph | - Thesis/Dissertation Conclusion |
| Second Paragraph | - Future enhancement |

PAPER PUBLICATION

REFERENCES :

1. **Author Name, Title of Paper/ Book, Publisher's Name, Year of publication**
2. **Full URL Address**

ABSTRACT

LIST OF FIGURES

| Fig No. | Title | Page No. |
|----------------|-------------------|-----------------|
| 1.1 | Xxxxxx | 3 |
| 1.2 | Xxxxxx | x |
| 2.1 | Xxxxxxxxxx | xx |
| 3.1 | Xxxxxxxxxx | xx |
| 3.2 | Xxxxxxxxxx | xx |

Note:

Fig No. 1.1 implies 1 is chapter name and 1 is figure no in that chapter.

Fig No. 1.2 implies 1 is Chapter Name and 2 implies figure no in that chapter an so on

Fig No. 2.1 implies 2 is chapter name and 1 is figure no in that chapter and so on

Fig No. 3.1 implies 3 is chapter name and 1 is figure no in that chapter.

Fig No. 3.2 implies 3 is chapter name and 2 is figure no in that chapter and so on

Page No is the no in which the page figure is present.

LIST OF TABLES

| Table No. | Title | Page No. |
|-----------|------------|----------|
| 1.1 | XXXXXX | 7 |
| 1.2 | XXXXXX | x |
| 2.1 | XXXXXXXXXX | x |
| 3.1 | XXXXXXXXXX | x |
| 4.1 | XXXXXXXXXX | xx |
| 4.2 | XXXXXXXXXX | xx |
| 5.1 | XXXXXXXXXX | xx |
| 5.2 | XXXXXXXXXX | xx |
| 5.3 | XXXXXXXXXX | xx |

Note:

Table No. 1.1 implies 1 is Chapter name and 1 is Table no in that chapter.

Table No. 1.2 implies 1 is Chapter Name and 2 implies Table no in that chapter an so on

Table No. 2.1 implies 2 is chapter name and 1 is Table no in that chapter and so on

Table No. 3.1 implies 3 is chapter name and 1 is Table no in that chapter and so on.

Table No. 4.1 implies 4 is chapter name and 1 is Table no in that chapter and so on

Page No is the no in which the page Table is present

LIST OF SCREENS

| Screen No. | Title | Page No. |
|------------|------------|----------|
| 1.1 | XXXXXX | 9 |
| 1.2 | XXXXXX | x |
| 2.1 | XXXXXXXXXX | x |
| 3.1 | XXXXXXXXXX | x |
| 4.1 | XXXXXXXXXX | xx |
| 4.2 | XXXXXXXXXX | xx |
| 5.1 | XXXXXXXXXX | xx |
| 5.2 | XXXXXXXXXX | xx |
| 5.3 | XXXXXXXXXX | xx |

Note:

Screen No. 1.1 implies 1 is Chapter name and 1 is Screen no in that chapter.

Screen No. 1.2 implies 1 is Chapter Name and 2 implies Screen no in that chapter an so on

Screen No. 2.1 implies 2 is chapter name and 1 is Screen no in that chapter and so on

Screen No. 3.1 implies 3 is Chapter name and 1 is Screen no in that chapter and so on.

Screen No. 4.1 implies 4 is Chapter name and 1 is Screen no in that chapter and so on

LIST OF ABBREVIATION

| Acronym | Expansion |
|---------|---------------|
| FCM | Fuzzy C-Means |
| | Xxxxxx |
| | XXXXXXXXXX |
| | XXXXXXXXXX |
| | XXXXXXXXXX |
| | XXXXXXXXXX |
| | XXXXXXXXXX |
| | XXXXXXXXXX |
| | XXXXXXXXXX |

1. INTRODUCTION