

## **Major Project Report**

After completion of the project work, every student will submit a project report which should contain the following:

1. Cover Page (as per annexure 1)
2. Title page (as per annexure 1)
3. Declaration by the Student (as per annexure 2)
4. Certificate by the Guide (as per annexure 3)
5. Acknowledgment (The candidate may thank all those who helped in the execution of the project.)
6. Abstract (It should be in one page and include the purpose of the study; the methodology used and a summary of the major findings.)
7. Table of Contents (as per annexure 4): Detailed description of the project (This should be split in various chapters/sections with each chapter/section describing a project activity in totality). This portion of report should contain all relevant diagrams, tables, flow charts, software programs, print outs, photographs etc., which are properly labeled.
8. Conclusion & Recommendations
9. Appendices
  - Appendices are provided to give supplementary information, which if included in the main text may serve as a distraction and cloud the central theme.
  - Appendices should be numbered using Arabic numerals, e.g. Appendix 1, Appendix 2.
  - Appendices shall carry the title of the work reported and the same title shall be listed in the Contents page also
10. References (The listing of references should be typed 2 spaces below the heading “REFERENCES” in alphabetical order in single spacing left – justified. It should be numbered consecutively (in square [ ] brackets, throughout the text and should be collected together in the reference list at the end of the report. The references should be numbered in the order they are used in the text. The name of the author/authors should be immediately followed by the year and other details). Typical examples of the references are given below:

### **REFERENCES**

[1]. Ariponnammal, S. and Natarajan, S. (1994) ‘Transport Phenomena of SmSeI – X Asx’, Pramana – Journal of Physics Vol.42, No.1, pp.421-425.

In addition, following points should be complied with:-

- i) Page numbering
- ii) Numbering of appendices, figures and tables and their reference in the text.
- iii) For general layout of report, any standard text book layout may be referred.

## Report Specifications:

1. Project Report's Cover Type: Hard-bound
2. Color of Project Report Cover: Sea-Green only (as per annexure 1)
3. Number of Copies: 2 per student (Internal/External exam + Individual or Student's copy)
4. Paper Size (orientation): A4 (portrait)
5. Margins: 1" top / bottom / right and 1.5" left
6. Font Type: Times New Roman
7. Font Size: 16 bold for chapter names, 14 bold for headings and 12 for normal text
8. Line Spacing: 1.5 throughout
9. Page Numbering: Bottom center of page in the format – Page 1 of N

**NOTE:** Project report must not contain any description of the following except only a relevant and short mention – technology or platform or OS or tools used or any language details. It must be more focused on project work carried out and its implementation details without including any source code.

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## Details of CD:

CD of the project work is required to be pasted on the back cover of the project report in clear packet, which should include the following folders and contents:

1. **Presentation** (should include a PPT about project in not more than 40-50 slides)
2. **Documentation** (should include a word file of the project report)
3. **Source Code** (full source code of the project with libraries used)
4. **Program** (final running copy of the project executable)
5. **Support** (any third party tools used or runtime environment setups that are required to run the project)
6. **Help** (user manual on how to run the project)

**NOTE:** CD must be checked for any harmful viruses before submission. Source Code and Program folders can be combined into single folder **Project** if it's a web project etc.

(A typical Specimen of Cover Page & Title Page)

**TITLE OF PROJECT**

<Font Size 22><BOLD><Centralized>

**A Project Report**

<Font Size 14><BOLD><Centralized>

**Submitted by:**

<Font Size 14><Italic><BOLD><Centralized>

**NAME OF THE STUDENT (<University Roll Number>)**

<Font Size 16><BOLD><Centralized>

in partial fulfillment for the award of the degree

of

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

**BACHELOR OF TECHNOLOGY**

<Font Size 16><BOLD><Centralized>

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

<Font Size 14><BOLD><Centralized>

at



**BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE**

**FATEHGARH SAHIB, PUNJAB (INDIA) - 140406**

**(AFFILIATED TO I.K.G. PUNJAB TECHNICAL UNIVERSITY, KAPURTHALA, PUNJAB (INDIA))**

**MONTH & YEAR**

<Font Size 10><BOLD><Centralized>

**CANDIDATE’S DECLARATION**

I hereby certify that the project entitled “\_\_\_\_\_” submitted by \_\_\_\_\_(Student name) & (University Roll no) in partial fulfillment of the requirement for the award of degree of the B. Tech. (Computer Science & Engineering) submitted in I.K. Gujral Punjab Technical University, Kapurthala at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib is an authentic record of my own work carried out during a period from January, 2017 to May, 2017/ July, 2017 to December, 2017 under the guidance of Prof. \_\_\_\_\_(Guide name, Designation, Department of Computer Science & Engineering). The matter presented in this project has not formed the basis for the award of any other degree, diploma, fellowship or any other similar titles.

**Signature of the Student**

**Place:**

**Date:**

# BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE



Approved by AICTE, Govt. Of Punjab, Affiliated to IKGPTU

(Courses Accredited by NBA (AICTE))

Maj. Gen. (Dr) G.S.Lamba, VSM (Retd.)

Principal



Ref. No. ....

Date .....

## CERTIFICATE

This is to certify that the project titled “ \_\_\_\_\_ ”  
is the bona fide work carried out by (Student name) & (University Roll no) in partial fulfillment  
of the requirement for the award of degree of the B. Tech. (Computer Science & Engineering)  
submitted in I.K. Gujral Punjab Technical University, Kapurthala at Baba Banda Singh Bahadur  
Engineering College, Fatehgarh Sahib is an authentic record his/her work carried out during a  
period from January, 2017 to May, 2017/ July, 2017 to December, 2017 under the guidance of  
Prof. \_\_\_\_\_ Guide name, Designation, Department of  
Computer Science & Engineering). The Major Project Viva-Voce Examination has been held  
on \_\_\_\_\_(DD/MM/YYYY)

Signature of the Guide

Signature of the HoD,

Department of CSE.

Signature of the Principal

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## **ACKNOWLEDGEMENT**

I express my sincere gratitude to the I.K. Gujral Punjab Technical University, Kapurthala for giving me the opportunity to work on the Major Project during my final year of B.Tech. (CSE) is an important aspect in the field of engineering.

I would like to thank Dr. Lakhvir Singh, Principal and Dr. Kanvalvir Singh Dhindsa, Head of Department, CSE at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib for their kind support.

I also owe my sincerest gratitude towards Prof. \_\_\_\_\_ (Guide name) for his/her valuable advice and healthy criticism throughout my project which helped me immensely to complete my work successfully.

I would also like to thank everyone who has knowingly and unknowingly helped me throughout my work. Last but not least, a word of thanks for the authors of all those books and papers which I have consulted during my project work as well as for preparing the report.

**(A typical specimen of table of contents)**

\* includes full content from Project Synopsis as per the format given separately.

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