

**Format for B.Tech. Major Project Synopsis**

Note: Submission of Project Synopsis should be on github. Fork the account and upload your file.

**Title page: same as given on page 3**

1. Proposed Topic
2. Branch
3. Submitted by
4. Name of Student
5. University Roll No.
6. Class Roll No.
7. Batch

**Table of contents:**

Content	Page no.

**Introduction (1 page) [Section]**

The introduction part will include the brief introduction about the project to be developed, technology used, field of project (if specialized one), any special technical terms about the project.

**Rationale:** Justification, why needed?(1-2 paragraph)

**Objectives (3-4 points)**

**Feasibility Study (should not exceed 1 page)**

This will describe the very first step of software engineering i.e. feasibility study of the project that include the feasibility, need and significance of the project

## **Methodology/ Planning of work (should not exceed 1 page)**

Research type, unit, methods, tools of data collection / analysis. Methodology will include the steps to be followed to achieve the objective of the project during the project development.

## **Facilities required for proposed work (1 paragraph)**

Software/Hardware required for the development of the project.

## **References (IEEE format)**

Here specify the description of the study material referred for the development of project.

## SPECIFICATIONS FOR SYNOPSIS

1. The synopsis shall be computer typed in LaTeX [use editors LyX, TexMaker etc] (English- British, Font -Times Roman, Size-12 point) and printed on A4 size paper.
2. The Synopsis shall be typed on one side only with double space with a margin 3.5 cm on the left, 2.5 cm on the top, and 1.25 cm on the right and at bottom.
3. In the synopsis, the title page [Refer sample sheet (inner cover)] should be given first. This should be followed by index, notations/nomenclature.
4. The diagrams should be printed on a light/white background, Tabular matter should be clearly arranged. Decimal point may be indicated by full stop(.) The caption for Figure must be given at the BOTTOM of the Fig. and Caption for the Table must be given at the TOP of the Table.

### Following are the commands of LaTeX to be used on Title page:

1. PROJECT TITLE (Select option Title)
2. MAJOR PROJECT SYNOPSIS (Select option Author)
3. BACHELOR OF TECHNOLOGY (Select option Standard; In paragraph settings Align: Center and Bold)
4. Information Technology (Select option Standard; In paragraph settings Align: Center)
5. SUBMITTED BY (Select Standard; In paragraph settings Align: Center)
6. VIJAY PRATAP SINGH (Select Standard; In paragraph settings Align: Center)
7. University Roll no. 1610776 (Select Standard; In paragraph settings Align: Center)
8. Class Roll no. 1510667 (Select Standard; In paragraph settings Align: Center)
9. August 2008 (Select Standard; In paragraph settings Align: Center)
10. Logo (Insert-> Float-> Figure; In paragraph settings Align: Center)
11. GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA (Select Standard; In paragraph settings Align: Center)

PROJECT TITLE

MAJOR PROJECT SYNOPSIS

**BACHELOR OF TECHNOLOGY**

Information Technology

SUBMITTED BY

VIJAY PRATAP SINGH

University Roll no. 1610776

Class Roll no. 1510667

August 2008



GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

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# 1 Introduction [Section command is used]

The introduction part will be of 1 Page include the brief introduction about the project to be developed, technology used, field of project (if specialized one), any special technical terms about the project.

**Rationale:** Justification, why needed?(1-2 paragraph)

## 2 Objectives [Section command is used]

Include 3-4 points of Objectives.

1. First Objective.
2. Second Objective.
3. Third Objective.
4. Fourth Objective.

### 3 Feasibility Study [Section command is used]

This should not exceed 1 page it describe the very first step of software engineering i.e. feasibility study of the project that include the feasibility, need and significance of the project



## 4 Methodology/ Planning of work [Section command is used]

It should not exceed 1 page. Research type, unit, methods, tools of data collection / analysis. Methodology will include the steps to be followed to achieve the objective of the project during the project development.

## 5 Facilities required for proposed work [Section command is used]

Software/Hardware required for the development of the project. It includes 1 paragraph.

## 6 References [Section command is used]

- [1] M. Shell. (2007) IEEEtran webpage on CTAN. [Online]. Available: <http://www.ctan.org/tex-archive/macros/latex/IEEEtran/>
- [2] Y. Okada, K. Dejima, and T. Ohishi, “Analysis and comparison of PM synchronous motor and induction motor type magnetic bearings,” *IEEE Trans. Ind. Appl.*, vol. 31, pp. 1047–1053, Sep./Oct. 1995.
- [3] S. Zhang, C. Zhu, J. K. O. Sin, and P. K. T. Mok, “A novel ultrathin elevated channel low-temperature poly-Si TFT,” *IEEE Electron Device Lett.*, vol. 20, pp. 569–571, Nov. 1999.