



TITLE

Senior Design Project Proposal

Student Name (Student ID)

Proposed Supervisor/s:

ABC

XYZ



Department of Electrical Engineering

College of Engineering and Sciences

Institute of Business Management

Month-2019

1. INTRODUCTION / BACKGROUND STUDY: The background and history highlights empirical foundations of project. The purpose of a background/history section is to give the reader the relevant facts about the topic and/or research site so that they understand the material or case in the proposal (briefly introduce your project idea).

2. OBJECTIVES: What is/are the objective/s of the proposed Project?

3. PROBLEM STATEMENT: The first step in any project/research is to provide a clear statement of the problem. The statement should provide a synopsis of the purpose of the study, briefly define and delimit the specific area of the research, identify the unit of analysis in the study (why? what? how?)

4. SCOPE OF PROJECT: Review the different methodologies or expected outcomes that the proposal will aim to address. What are the limitations and assumptions on which the project will focus?

5. FEASIBILITY STUDY: With above defined scope, would you be able to meet your project schedule? Do mention following aspects:

- i. **Risks Involved:** Identify the risks involved, and how you would be able to cater?
- ii. **Resource Requirement:** What computing or any other resource you would need?

6. APPLICATION AREAS: Is your project of some real value? Which industry or application domain you are targeting? How that target domain may benefit from your solution?

7. TOOLS/TECHNOLOGY: Mention all the HW/SW tools/technologies required for the project.

8. PROJECT TIMELINE: Mention all major tasks/sub-tasks to be accomplished. You would use these milestones while defining the project timeline (Gantt chart).

9. REFERENCES: The research proposal must contain a thorough, focused succinct bibliography. Online References and Reports should be documented based on relevant publication citations. The proposal should follow IEEE citation style.

10. APPENDICES: An appendix is a collection of supplementary materials or data to support project proposal