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