


Research Proposal

Different parts in the research project	Comment
Title	Provide a brief and meaningful title to your project
1. Introduction 	Background or introduction section provides a description of the basic facts and importance of the research area - What is your research area, the motivation of research, and how important is it for the industry practice/knowledge advancement?
2. Problem Statement	Problem statement provides a clear and concise description of the issues that need to be addressed - What is the specific problem in that research area that you will address (e.g. lack of understanding of a subject, low performance ...)?
3. Objectives	Objectives provide a list of goals that will be achieved through the proposed research – What are the benefits/impact (e.g. better understanding, improved productivity ...) that will be generated if the research problem is answered?
4. Preliminary Literature Review	Preliminary literature review: provide a summary of previous related research on the research problem and their strength and weakness and a justification of your research - What is known/what have been done by others? And, why your research is still necessary?
5. Methodology	Research methodology defines the research methods and logic steps - What to do and how to solve the problem and achieve proposed objectives? Which research methods (e.g. survey, modeling, case study ...) will be used? Attach a project schedule table, if necessary.
References	All factual material that is not original with you must be accompanied by a reference to its source. Please use ASCE /APA or any other guidelines for reference and citation style, but the same for ALL references.