Research Proposal Sample Format

Title: Provide a brief and meaningful title to your Research work

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, modelling, case study...) will be used? Attach a project schedule table, if necessary.

Reference: All factual material that is not original with you must be accompanied by a reference to its source. Please use ASCE guideline on reference and citation style.