Title of research proposal

Applicant name

Introduction

Overview/Background

Give Context and brief argument for the need for progress in this research area and what you propose to do, in simple, non-technical terms (for the benefit of non-technical experts). Also briefly emphasize the impact and outcomes from this work in tangible terms, such as societal benefits.

Give an introduction to the background relevant to the area of the proposed research (i.e. what is the problem?). In this section you may situate your research in relation to relevant theory and/or standard techniques used in the area (i.e. how does the field understand the problem?). Include relevant citations. Also provide background material on any new methodologies, if you intend to introduce them to the field.

Significance of the study

Lay out the justification for the research in this area. Point out the significance of these works to the field, and practice. Comment on its potential impact. What are we going to learn? Why is it important to learn this?

Research gap

Identify the research gaps and how your research will fill those gaps. What is the innovation of your project?

Aims/Objectives

Aim

Identify the aims of your research project.

Objectives

List objectives:

1) Describe the first objective.
2) Describe the second objective.

Research question(s)

Pose your aims and objectives as questions.

1) Can it be shown that something can be done to achieve something.
2) Can lessons from something be applied to help solve this other problem?

Hypothesis

Most (not including creative work) research proposals have hypotheses. This is a prediction about your research outcomes. How do you test your research questions and support or refute them? For example, "doing this one thing will lead to some specific outcome".

Proposed Methodology

Outline the experimental and theoretical methods specific to the proposed research. Justify the choice of methods as opposed to alternatives. Avoid giving too much detailed information; just outline the general approach and why you chose to use them. Demonstrate how the project is feasible and can be successfully completed.

Research Plan

State the long - and short -term objectives of your research program. Outline specific projects planned to meet these goals, including the timelines for completion of each stage, methods to be used, and dissemination of results. A Gantt chart or table are useful visualizations.
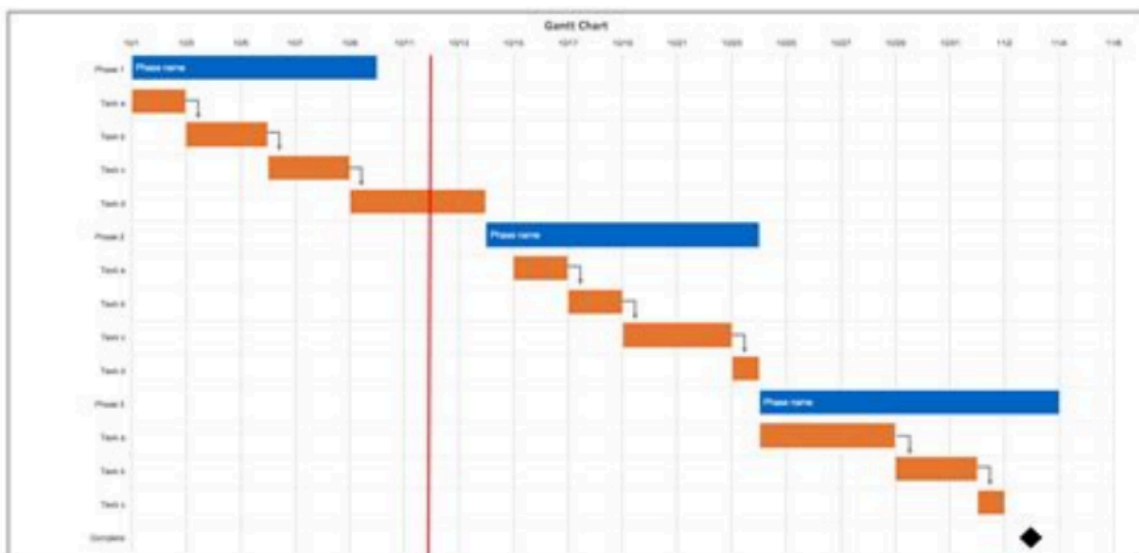

Figure 1: **Project timeline and milestones**

Personal connection to the research

Personal experience in the proposed area of study and the reasons for wishing to undertake such study. Why are you the perfect person to undertake this research?

References