Research Proposal Guideline

Note: Max 1000 words

Suggested Outline

The following outline may be used as a guide. You should consider each of the areas that will be relevant to your research.

Research Topic/ Title

An initial working title should be provided and should describe the content and direction of your project. For example: *Wasterwater Automation – development of a low cost, distributed automation system.*

Project Description

Background

What is already known or unknown? Set the scene for your specific research.

Aims

What do you want to know, prove, demonstrate, analyze, test, investigate or examine in your research? Present in dot points the key aims and or research questions of the topic.

Methodology

› What methods will you use to address your research problem?
› What do you need? Do you require particular resources? (Specify any special equipment, software or material)
› Are there barriers or pitfalls that you anticipate in your planned research? Does the project involve human ethics, animal ethics or safety implications?
› Is travel or fieldwork required? If so, where to, how long and at what intervals?

Expected outcomes, significance or rationale

Establish the importance of your project by highlighting its originality or why it is worth pursuing. Highlight the benefits, positive expected outcomes or innovative applications of knowledge.

› Why is your research important?
› What do you expect it will deliver? What are the expected outcomes?

Timetable

Indicate the timeframe for each broad stage considering literature surveys, data collection, production, modeling, review, analysis, testing, reporting, chapter and thesis writing, and thesis submission date.