



Title of Your Research Project



Dissertation Title: Subtitle

by

[Name]

A Dissertation

Submitted to the

Department of [Your Department]

University of [University Name]

In Partial Fulfilment of the Requirements

Degree: Specify "Doctor of Philosophy in [Literature]".

Date of Submission

Thesis Research Template for PhD Candidates in Literature



Introduction:

The introduction provides an overview of the research problem or question, its significance, and the objectives of the proposed research project. It should include:

- **Background information:** Briefly introduce the research topic and its importance in the engineering field. Provide context by discussing relevant literature, existing challenges, or emerging trends.
- **Research problem statement:** Clearly articulate the specific research problem or question that the proposed study aims to address. Explain why this problem is important and how it contributes to advancing knowledge in the field.
- **Research objectives:** State the main goals and objectives of the research. These objectives should be specific, measurable, achievable, relevant, and time-bound (SMART).

Literature Review

- The literature review critically evaluates existing research and scholarship related to the research topic. It should:
 - Identify key concepts, theories, and methodologies relevant to the research area.
 - Summarize and synthesize findings from previous studies.
 - Highlight gaps, controversies, or limitations in current literature.



- Provide a theoretical framework or conceptual basis for the proposed research.

Research Methodology:

The research methodology section outlines the approach and methods used to conduct the proposed research. It should include:

- **Research design:** Describe the overall approach to the study (e.g., experimental, observational, theoretical).
- **Data collection methods:** Specify how data will be collected (e.g., experiments, surveys, interviews) and any instruments or tools that will be used.
- **Data analysis techniques:** Explain how the collected data will be analyzed (e.g., statistical analysis, qualitative coding).
- **Ethical considerations:** Discuss any ethical issues related to the research, including participant consent, data privacy, and potential risks.

Proposed Work:

This section provides a detailed description of the research activities and tasks to be undertaken. It should include:

- Specific research questions or hypotheses to be addressed.
- Step-by-step methodology for conducting the research, including data collection procedures, experimental protocols, or theoretical frameworks.



- **Timeline:** Breakdown of the research activities into manageable stages with associated timelines and milestones.

Expected Outcomes:

Describe the anticipated results and potential impact of the research. This section should:

- Discuss the expected contributions of the research to the engineering field, including theoretical insights, practical applications, or technological advancements.
- Address the significance of the research outcomes in addressing the identified research problem or filling gaps in the literature.
- Consider potential challenges or limitations and how they will be addressed during the research.

Budget and Resources:

Provide a detailed budget and resource plan for the proposed research project. This should include:

- **Personnel:** List the research team members and their roles, including any collaborators or external partners.
- **Equipment and materials:** Identify any specialized equipment, software, or materials required for the research.
- **Funding:** Specify the total budget for the project and the source(s) of funding, including any grant proposals or external funding sources.



- **Justification:** Explain how the allocated resources will be used to support the research activities and achieve the project objectives.

Timeline:

Present a comprehensive timeline for the proposed research project, including key milestones and deliverables. This should:

- Outline the sequence of research activities and the expected duration of each stage.
- Identify specific deadlines for completing major tasks or achieving project milestones.
- Provide a realistic schedule for project completion, taking into account potential delays or contingencies.

Conclusion:

Summarize the key points of the research proposal and reiterate its significance. This section should:

- Reinforce the importance of the research problem and the potential impact of the proposed study.
- Emphasize the feasibility and rigor of the research approach outlined in the proposal.
- Conclude with a call to action or next steps for moving forward with the proposed research project.