



TECHNION

Israel Institute of Technology

TECHNION – ISRAEL INSTITUTE OF TECHNOLOGY

Graduate Program in Industrial Design

Master of Science in Industrial Design

RESEARCH PROPOSAL

Thesis Title

שם המחקר בעברית

STUDENT

First Last

studentEmail@technion.ac.il

ID: 123456789

SUPERVISOR(S)

Supervisor Name

University, Faculty, Location

April 1, 2026

Advisor Signature: _____

Date: _____

This is the suggested template for MSc research proposals for study within the Graduate Program in Industrial Design at the Technion, based on the faculty research guidelines. The following format guidelines should be strictly adhered to:

1. The research proposal shall not exceed **10 pages**, excluding the title page and the references.
2. Use an 11pt font size, 1.5 line spacing, and 2 cm page margins.
3. Proposals must be submitted as a PDF document compiled with XeLaTeX.

Abstract

Present a concise summary of the proposed research and the main points of the proposal. The abstract should not include citations. Recommended length: up to half a page.

Introduction

Describe the general background of the research topic. The introduction provides an overall framework for understanding the research subject. Explain why you chose to examine the specific research question. You may open with a general statement about the topic and then focus on the central question it raises. The introduction is not a literature review but rather the general gateway to the work—it describes the phenomenon under investigation, situates it within existing literature, and poses the central research question(s). Recommended length: 1–2 pages.

Literature Review

This section reviews the relevant literature of the research. The literature review must be purposeful and serve three general goals: (1) Report critically and objectively what is happening in the research field—show familiarity with existing scholarship on the topic [1, 2]; (2) When the research involves methodological development, address methodologies used in related studies [3, 4]; (3) Identify the research gap and explain what the proposed research aims to contribute (“filling the gap”) [5]. Summarize the literature review at the end to lay the foundation for presenting the research questions, objectives, and/or hypotheses. Recommended length: 3–4 pages.

Research Questions and Objectives

Present the research objectives, questions, or hypotheses (depending on the type of research and its methods). For quantitative research, hypotheses are required. Recommended length: up to 1 page.

Research Methods

Describe in detail how the research will be carried out. You must choose a research method appropriate to the research questions and objectives.

This section should address the following:

1. **Type of method:** Clearly state whether the research method is qualitative, quantitative, or mixed.
2. **Research population:** Describe the population the research intends to study (people, groups, artifacts, environments, etc.).
3. **Data collection and research tools:** Specify the data to be collected, its sources, and the instruments used (questionnaires, interviews, observations, prototypes, etc.).
4. **Sampling:** If applicable, describe the sampling strategy.
5. **Procedure:** Describe the different stages of the research.
6. **Data analysis:** Explain how the collected data will be analyzed.

Recommended length: 3–4 pages.

Expected Contribution

State the expected contribution of the research. The contribution may be theoretical, practical, or applied. The purpose of this section is to demonstrate the necessity of the research and its anticipated impact. Recommended length: half a page.

References

- [1] D. A. Norman, *The Design of Everyday Things*, revised and expanded ed. New York: Basic Books, 2013.
- [2] C. Frayling, “Research in art and design,” *Royal College of Art Research Papers*, vol. 1, no. 1, 1993. [Online]. Available: <https://researchonline.rca.ac.uk/384/>
- [3] N. Cross, *Design Thinking: Understanding How Designers Think and Work*. Oxford: Berg, 2011.

- [4] D. A. Schön, *The Reflective Practitioner: How Professionals Think in Action*. New York: Basic Books, 1983.
- [5] P. A. Rodgers, "What does design research do?" in *DRS2024: Boston*, C. M. Gray, E. Ciliotta Chehade, P. Hekkert, L. Forlano, P. Ciuccarelli, and P. Lloyd, Eds. Boston, USA: Design Research Society, June 2024.

[REMOVE ALL INSTRUCTIONS MARKED IN RED BEFORE SUBMITTING YOUR PROPOSAL.]