In the name of God

Shahid Chamran University of Ahvaz, Iran

Faculty of Engineering, Higher Education Office

MSc Thesis Proposal Submission

|  |  |
| --- | --- |
| **Student Name:** | **Student ID:** |
| **Email:** | **Mobile Number:** |
| Field of Study: | Department: |

Title in English

|  |
| --- |
|  |

Title in Persian

|  |
| --- |
|  |

Supervisor(s)

|  |
| --- |
|  |

Type of Research

|  |  |  |  |
| --- | --- | --- | --- |
| □Theoretical | □Experimental | □Applied-Experimental | □Applied-Theoretical |

|  |  |
| --- | --- |
| Starting Date | Estimated ending date |
| The beginning of the time you have adopted the thesis. | Consult your supervisor. |

**1-Problem definition, objectives, and assumptions**

* 1. Problem definition:

|  |
| --- |
| Start with introducing the problem, from the main topic and continuing through the detailed topic. Provide at least a number of paragraphs about what is this topic, what are the challenges, what is the necessity of this topic or problem (why do we need to investigate it), what are the categories (classifications) for this problem from different aspects, what are the different solutions provided in the research until now, and what is the main approach of your study. The number of pages is finalized based on the comments of your supervisor and there is no limitation. |

1.2-Objectives:

|  |
| --- |
| Explain the main objective in a few sentences. The novelty of your work should also be clearly highlighted. |

1.3-Assumptions & hypotheses

|  |
| --- |
| Provide your specific assumptions or hypotheses in one or two paragraphs.  |

**2-Research methodology, main features and steps of the research**

2.1 Methodology and Main features

|  |
| --- |
| Describing the methodology and details of your research and any other description which helps the reader understand what you are going to do. |

2.2- Steps of the research

|  |
| --- |
| Provide a timing schedule of the research in the form of a Gantt chart until thesis defense. Consider some time for preparing your writings and paper. |

**3- Literature review**

|  |
| --- |
| Describing the previous studies in this topic, each study in one (or two) paragraph(s). It is better to investigate the previous works based on a categorization (if you have found in a survey paper). Include a table consisting a qualitative comparison among previous methods. Also describe and highlight the differences of your idea compared to some of the related works. |

**4- References**

|  |
| --- |
| It is recommended the following style to be used for references:an example for book: [1] Kantz, H., Schreiber, T., *Nonlinear Time Series Analysis*, 2nd ed., Cambridge, Cambridge University Press, 2004an example for journal paper: [1] Low, B.K., “Reliability Analysis of Wedges”, Journal of Geotechnical and Geoenvironmental Eng., Vol. 123, No. 6, 1997, pp. 498-505.An example for conference paper:[1] Maleki, M., Nadimi, F., “Designing and Simulation of a plasmonic-based waveguide”, 12th international conference on Electrical Engineering, Italy, Rome, pp.187-191, 2020.An example for standard:[1] American Society for Testing and Materials, “Standard Test Method for Hydroquinone in Vinyl Acetate”, ASTM D2193, 1989.  |

**5- Project Timetable (based on section 2.2)**

|  |  |
| --- | --- |
|  | Project Period of Performance by Month |
| **Activities (example)** | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| Literature Review | \* | \* | \* | \* | \* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fundamental & Governing Eqs. |  |  |  | \* | \* | \* | \* | \* | \* | \* |  |  |  |  |  |  |  |  |  |
| Experiment |  |  |  |  |  |  |  |  | \* | \* | \* | \* | \* | \* | \* |  |  |  |  |
| Analysis of Results |  |  |  |  |  |  |  |  |  |  |  | \* | \* | \* | \* | \* | \* |  |  |
| Conclusion & Writing up  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | \* | \* | \* | \* | \* |

**6- Advisor(s)**

|  |  |
| --- | --- |
| Name: | Academic Rank: |
| Field: | University: |
| Department: | Faculty: |
| Email: | Mobile Number: |
| Address: |