**RESEARCH PROPOSAL**

The proposal should contain the state of the art of the research topic and clear evidence of the possibility of contributing to the solution of complex problems in the program area. The proposal must be written in English.

**TITLE**: Title of the proposal.

**AUTHOR**

Full name

Number and type of identity document.

Email.

1. **PROBLEM APPROACH**

To define a problem is to characterize it and to frame it theoretically. Usually, a problem is formulated through a question mark, but there is also the option of presenting it in a descriptive way. The important thing is that through the research work, mainly in the results, the problem is answered.

1. **JUSTIFICATION**

It is necessary to introduce the reasons why the study is carried out and to express the motivations that lead the researcher to develop the project and answer the problem question. It is hoped that this section will briefly explain the current state of the problem.

1. **OBJECTIVES**
	1. **GENERAL OBJECTIVE**

Define the general purpose of the project in terms of its contribution or coherence with the problem or its contribution to the competitiveness of the company, sector or production chain.

* 1. **SPECIFIC OBJECTIVES**

Formulate a single general objective and define the specific objectives necessary to achieve it based on the technological or methodological alternatives identified to solve the problem.

Remember that you should not confuse objectives with activities or methodological procedures.

1. **THEORETICAL FRAMEWORK**

It emphasizes the close relationship that exists between theory, practice, research process, reality, environment, and reveals empirical theories and evidences related to research (“STATE OF THE ART”)

* 1. **BACKGROUND**

Check the most recent bibliography to see if the problem already has any partial. Review all previous work that is related to the problem you want to solve.

1. **METHODOLOGY TO BE USED**

It must show in an organized and precise way how will be developed each of the specific objectives.

Describe the different techniques that will be used, statistical designs, simulation, tests, essays, among others, to achieve these objectives. It should indicate the process to follow in the collection of information, as well as in the organization, systematization and analysis of the data.

1. **SCOPE OF WORK**

Formulate the verifiable direct results to be achieved with the development of the specific objectives of the project, indicating the characteristics of the new product, process or service. Specify the verification means of achieving those results.

1. **BIBLIOGRAPHY AND SOURCES OF INFORMATION**

Describe the articles, books and other informational materials that were consulted for the preparation of these proposal.

Date of presentation:

It is recommended to consult the APA norm <http://normasapa.com/>.