

BASIC INFORMATION	
The project was made 1. Single 2. Group - 2 students 3. Group - 3 students	
Project's Title	
THE RESEARCH DEVELOPED IS: 1. Scientific Basic or Applied - Search for new concepts in the science field. 2. Technological Engineering Research - Engineering Research - Product or process materialization using a model, a prototype or a pilot installation. Job execution, product fabrication, service ministratation, process execution.	
Will project students be able to participate in a live presentation (hardware, software and internet access)? 1. Yes 2. No	
CATEGORY - Research in development - Research completed	
URL to download the research banner (PDF)	
URL to download the presentation video(PDF)	
URL to the presentation file of the work (PDF)	
Involves vertebrate non-human animals? Yes No	
A continuity of a project is a twelve month continuous research work which had been finished, but in the following year you decided to continue the research with a new purpose - this is a Continuation Project. * Is your research a Continuation Project? Yes No	
Involves humans? <ul style="list-style-type: none"> • Example: interviews, questionnaires, consulting a professional if registration is personal and identifiable, physical activities and others. Yes No	
Involves biological substances? Yes No	
Involves controlled substances? Yes No	
Involves dangerous substances and/or equipment? Yes No	
Was the research carried out in an appropriated and regulated place? <ul style="list-style-type: none"> • Example: university, laboratory, etc. Yes No	
SCHOOL DATA	
Name of the high school and/or the technical-professional education of middle level school in which the student was enrolled during the conduction of the project to be presented at MOSTRATEC.	
Type:	

1. Public - Sponsored by the government, free teaching.	
2. Private - Private school, paid teaching.	
Address District City State Country Zip/ Postal code	
Telephone number	
Principal's name	
Principal's email	
DATA OF STUDENTS	
Name	
E-mail	
Birthdate	
Gender	
Telephone Number	
Name of the high school and/or the technical-professional education of middle level school in which the student was enrolled during the conduction of the project to be presented at MOSTRATEC.	
Grade 1 2 3 4 Trainee	
Have you ever participated in one of Mostratec's fair? Yes No	
Specify, in case you have a disability, if the Organization Committee should provide any kind of accessibility:	
T-Shirt Male Female	
T-Shirt size Small Medium Large Extra Large	
DATA OF ADVISORS	
Mentor Teacher Name	
E-mail	
Birthdate	
Gender	
Telephone number	
Complete address	
T-shirt Male Female	
T-Shirt size Small Medium Large Extra Large	
Co-Mentor Teacher (not required) Name	
E-mail	
Birthdate	
Gender	

Telephone Number	
Complete address	
T-Shirt Male Female	
T-Shirt size Small Medium Large Extra Large	
RESEARCH PLAN	
Theme (It is the aspect of the topic the student wants to deal with, prove or develop.)	
<p>Justification and Problem</p> <p style="text-align: center;">JUSTIFICATION</p> <p>The justification of a research project is the persuasion that the research plan is important to be developed and that it is relevant for society or for some individuals who will benefit from the research.</p> <p>It is in the justification where the researcher must state why and to whom the information is useful, what the contributions are and what decisions may be made from the data produced.</p> <p>The justification enhances the importance of the theme to be studied, justifies the necessity of carrying out the research and leads to the steps to formulate the problem.</p> <p>It is necessary to state that there are other studies which emphasize the importance of the theme of the research and they must be referenced.</p> <p style="text-align: center;">THE PROBLEM</p> <p>The problem has its origin on a situation that generates questions about the theme which can be defined by the researcher's own life experiences or suggested by professionals who deal with the theme. Once the problem is identified, a specific question is made and answered by the research. In this way, a study focus is established in order to answer the question. There must likely be an answer to the question which must be obtained through scientific, technological or of engineering methodology.</p>	
<p>Hypothesis</p> <p style="text-align: center;">THE HYPOTHESIS</p> <p>The hypothesis is a possible answer to the question established in the problem of the research plan. According to Bello (2009, p.23), a hypothesis is a previous solution for the problem mentioned in the chosen problem of the research.</p> <p>Depending on the option of the methodology, the research must not necessarily establish the hypotheses. For survey or technological research, for example, hypothesis is not a formal mandatory item.</p>	
<p>Objectives</p> <p style="text-align: center;">OBJECTIVES</p> <p>The definition of the objectives determines what the researcher wants to achieve with the research project and should correspond to the proposed questions.</p>	
<p>Objects</p> <p style="text-align: center;">OBJECT</p>	

The object defines the area of the research and its classification into scientific or technological research. It is what will be done?

BIBLIOGRAPHIC REVIEW, METHODOLOGY AND TIMETABLE

BIBLIOGRAPHIC REVIEW

At this moment, the researcher seeks for, locates and reviews the literature from which he will obtain bibliographic material that will support the theme of the research project, such as books, scientific articles, magazines, newspapers, technical norms, legislation, etc...

METHODOLOGY

The methodology is the description of the strategy to be used, in which all the steps and procedures adopted are mentioned in order to carry out the research and achieve the objectives.

After making the choices, the detailed description of how the research will be carried out must be done (how the data will be gathered, questionnaires, interviews, samples, etc) and how the analysis of the data will be done. The timetable, the resources and the evaluation must be included.

TIMETABLE(Important: only text, no tables or images)

It is an appropriate plan of the period of time the researcher will have to carry out the project, specifying the activities to be accomplished.

Data analysis

ANALYSIS OF DATA

It must show how the analysis and the evaluation of the data will be done and what they will be compared to - if they will be compared to a norm or to the results of another author or to another type of research; if a statistical method will be used; if the results are good or not.

References

REFERENCES

The reference of the documents effectively quoted is a mandatory item to elaborate the project.

Abstract

Abstract sent to MOSTRATEC should have 250 - 500 words and present:

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- a) the purpose of the conducted project;
- b) procedures used;
- c) observations
- d) conclusions / applicability;
- e) keywords.

Before saving the abstract make sure you have writing your full text observing the limit of 250-500 words. This text will be forwarded to the judges and disclosed at MOSTRATEC website.

ABSTRACT

The abstract is mandatory. It must be written by the author in a clear and concise way and contain a description of the purpose of the project, the procedures followed, the data collected and the conclusions. It must be written in a single paragraph.

The text should be written using Arial 12 or Times New Roman fonts and single-space. The content of the abstract must be about what was developed exclusively during the current year.

All abstracts must include: the theme, the problem, the purpose, the methodology, the results, the conclusion and recommendations for the continuing the research. The chart below shows some tips for writing the abstract.

Chart 3. Tips for a good abstract:

- Focus only on the research of the current year when it is a continuing project.
- Exclude any names of institutions or mentors and supervisors of the project.
- Omit details and discussions.
- Use verbs in the past to describe accomplished actions.
- Use short phrases but vary the structure.
- Use complete phrases (do not abbreviate or omit words to save space).
- Use appropriate and scientific language.
- Check spelling, grammar, punctuation and agreement.

REVIEW

Research starting date

Possible ending date

A continuity of a project is a twelve month continuous research work which had been finished, but in the following year you decided to continue the research with a new purpose – this is a Continuation Project. Is your research a Continuation Project?

Yes

Explain, in Form 7, what makes the current project different and an innovation from the previous year. Form 7 is available for download at the end of the registration and must be sent to the MOSTRATEC SRC (Scientific Review Committee).

No

Planned date to start collecting data/experimentation this year

Will you carry out your researching process in a lab, institution or regulated industry?

Yes (please inform below)

Name(S), address(es), telephone number(S) and email(s) to contact researching place(s)

No (please inform below)

Researching place

Field

Home

School

Other (Where?)

Check items that apply for your research

The areas below must be approved by CRI before starting the experimentation

Humans

Vertebrates

Potentially dangerous biological agents

Dangerous chemicals, actions or equipment

Legally controlled substances

TATEMENT OF RESPONSIBILITY

*** I checked information before sending the Registration Form, because I am aware that they will be used for the certificate, award, and for the results disclosure.**

*** I declare that the information given in the Registration Form is true, under penalty of personal accountability.**