

NTRA Graduation Project Competition

2023/2024



Prof. ……………………………………

Faculty/Institude Dean

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[SIGNATURE ORGANIZATION]

|  |  |
| --- | --- |
| Project title |  |
| Project Track |  |
| University |  |
| Department/Faculty |  |
| Industrial partner  (if any) |  |

1. **Project Information**

|  |  |
| --- | --- |
| **Project title** |  |
| **Project Track** |  |
| **University** |  |
| **Department/Faculty** |  |
| **Industrial partner**  **(if any)** |  |

1. **Supervisor Information**

|  |  |
| --- | --- |
| **Supervisor Name** |  |
| **Title** |  |
| **Work Address** |  |
| **Mobile** |  |
| **E-mail** |  |
| **Brief summary of expertise** |  |

1. **Project Members Information**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Name | Department | Mobile number | Email |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |

\* Please note that the first name will be referred to as the main **contact person** for the whole group in addition to the Project Supervisor.

# REVIEW THE FOLLOWING POINTS BEFORE SUBMITTING THE PROPOSALS:

* + **Proposals will be evaluated based on:**

(1) its impact on society/industry specially telecommunication sector,

(2) clarity and validity of objectives,

(3) originality,

(4) writing and presentation quality,

(5) completing ALL the required fields

* + **Review the language of the proposal.**

It is important that the document is correct from grammatical and vocabulary points of view. Low quality language is one of the major reasons for rejecting proposals.

* + **Avoid plagiarism.**

Never “copy and paste” from a website or a paper. Read from multiple sources and write your own proposal with your original language.

* + **References citation.**

If you used ideas or a sentence from any resource link a website, a paper, or a book, this must be included in the references section. Proposals that doesn’t include the correct references are rejected.

1. **PROJECT DESCRIPTION**

Applicants shall provide a brief description of their project. This description should include the following:

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| 1. **OVERVIEW** |
| 1. Problem definition, (ii) approach and tools/techniques, and (iii) overview of system modules.   Use block diagrams and figures to describe your ideas. Be as clear as possible about the ideas in order to show the reviewer the value of your idea. |
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| 1. **IMPACT** |
| Why do you consider this project? What is its impact on community/market/end user/… specially telecommunication sector? |
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| 1. **NOVELTY AND FEATURES** |
| Explain (i) novelty (ii) features, and (iii) related products, if any.  Originality doesn’t always mean coming up with completely new ideas. Building on previously developed project and adding new modules that increase their value is considered novelty. Doing a previous idea with lower cost or a better performance is considered novelty. |
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| 1. **DELIVERABLES** |
| What is the project final outcome (HW device, SW package, simulation ...)?  It is important to clearly identify the final outcomes ssupported by evidence and results. |
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| 1. **BUSINESS PLAN AND MARKET ANALYSIS** |
| Market research is essential to be included, whether national or multinational, showing the level of competition, business opportunities, and the niche added value. Do you foresee any potential market for your project? Do you expect any demand on the final product? |
|  |
| 1. **ROLE OF THE INDUSTRIAL PARTNER (IF ANY)** |
| What is the type of support to be provided by the industrial partner (technical, financial, access…)? |
|  |
| 1. **Project EXPENSES** |
| List the main equipment, tools, modules, components, software, … that were used to implement the project. |

|  |  |  |  |
| --- | --- | --- | --- |
| Item | Type (Hardware/ Software/ Other) | Specifications (brief description) | Cost (LE.) |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |
| Total Project Cost | |  | |

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| --- |
| **REFERENCES** |
| Cite to the references those related to your idea |
| [1]  [2]  [3]  .  .  .  . |