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|  | **Technical University of Cluj-Napoca**  **Faculty of Automation and Computer Science**  **Automation Department** |

**2023**

## Research project proposal for admission to master's studies

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1. **Personal data of the applicant:**

|  |  |
| --- | --- |
| 1.1. Name (given name) |  |
| 1.2. Surname (family name) |  |

1. **Applicant’s bachelor’s background:**

|  |  |
| --- | --- |
| 2.1. Institution |  |
| 2.2. Faculty |  |
| 2.3. Specialization |  |
| 2.4. Year of graduation |  |

1. **Project title:**

**(Max 200 characters)**

|  |
| --- |
|  |

1. **Keywords: (Max 5)**

**Please introduce one keyword per cell.**

|  |  |
| --- | --- |
| 1 | 1 |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |

**5. Project duration: 2 years.**

**6. Research proposal presentation:**

|  |
| --- |
| ***[Please complete max. 4 pages in ANNEX 1]*** |

**7. Bachelor’s thesis data:**

**7.1. Title of the bachelor’s thesis:**

|  |
| --- |
|  |

**7.2. Abstract of the bachelor’s thesis: (Max 2000 characters)**

|  |
| --- |
|  |

**8. Applicant’s scientific activities:**

|  |
| --- |
| ***[Please complete ANNEX 2]*** |

**DATE:**

#### Applicant,

Name, surname:

Signature:

***ANNEX 1***

**6. Research proposal presentation:**

**(maximum 4 pages)**

6.1. STATE OF ART IN THE FIELD \*

|  |
| --- |
| Example:  AuthorX and AuthorY [reference nr] developed ..., established....,  “Reference title” [reference nr] presents....., … highlights … |

\* Describe the main research results in the field, with reference to scientific papers or books presenting those results. All works mentioned in 6.4 must be cited here.

**6.2. PROJECT OBJECTIVES \*\***

|  |
| --- |
|  |

\*\* Describe the theoretical and practical objectives of the project.

**6.3. PROJECT DESCRIPTION \*\*\***

|  |
| --- |
|  |

\*\*\* Present a critical analysis of the current results (presented in section 6.1). Propose possible improvements, developments, solutions, which will be the subject of research during the master's studies. Detail the activities to be carried out in the project (research, development, implementation, experimentation, etc.).

**6.4. REFERENCES**

|  |
| --- |
| Example:  [1] Authors, Research paper title. *Journal title,* Volume(Nr):start page –end page, Year of publication  [2] Author, Title of book, Publishing house, Year of publication  [3] Authors, Title of paper, *Conference title,* Date and place of conference |

**6.5. PROJECT PROPOSAL OBJECTIVES AND THE RELATED ACTIVITIES \*\*\*\*:**

|  |  |  |
| --- | --- | --- |
| Year | Scientific objectives | Related activities |
| Year1 | 1 | 1. |
| 2. |
|  |
| 2. | 1. |
| 2. |
|  |

|  |  |  |
| --- | --- | --- |
| Year 2 | 1 | 1. |
| 2. |
|  |
| 2. | 1. |
| 2. |
|  |

\*\*\*\* The research objectives are the description of the expected results, and the related activities are the way in which they will be achieved. The activities delineate the phases/stages of achieving the objective. For each objective there are several corresponding activities to achieve it.

**6.6. MENTORS \*\*\*\*\***

|  |
| --- |
|  |

\*\*\*\*\* The list of persons you have consulted in the preparation of the proposal and/or with whom you will collaborate during the research activity.

***ANNEX 2***

**8. Applicant’s scientific activities:**

**8.1. AWARDS OBTAINED AT SCIENTIFIC EVENTS**

|  |
| --- |
|  |

**8.2. PARTICIPATION WITH PAPERS IN SCIENTIFIC COMMUNICATION SESSIONS**

|  |
| --- |
|  |

**8.3. PUBLICATIONS \*\*\*\*\*\***

|  |
| --- |
| Example:  [1] Applicant’s and other authors’ names, Research paper title. *Journal title,* Volume(Nr):start page –end page, Year of publication  [2] Applicant’s name, Title of book, Publishing house, Year of publication  [3] Applicant’s and other authors’ names, Title of paper, *Conference title,* Date and place of conference |

\*\*\*\*\*\* Attach, to this proposal, your publication that is considered the most significant.

**8.4. PARTICIPATION IN NATIONAL AND/OR INTERNATIONAL RESEARCH PROGRAMMES**

(project name/project leader/supervising professor - for TUCN projects)

(project name/project leader/institution where the research was carried out - for projects outside TUCN)

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**8.5. SCHOLARSHIPS**

* FUNDER;
* TIME AND PLACE;
* THE MAIN RESULTS AND THEIR EXPLOITATION.

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