

2214-A International Research Fellowship Programme for PhD Students

RESEARCH PROPOSAL FORM

**The proposal form should not exceed 5 (five) pages and expected to be prepared in Arial 11 font. Form must fill in taking into account the explanations given under each topic. Instructions, which colored in gray for the proposal form, should be deleted.**

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| **Name of the Researcher (Fellow):** |
| **Name of the Research:** |
| **Name of the Host:** |
| **Host Institution:** |
| **Date:**  |

**SUMMARY OF THE RESEARCH PLAN PROPOSAL**

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| Brief summary (max. 1,500 characters, with spaces) of the research plan. (The short abstract of your research plan should summarize the main goals and contents of the research you plan to do in host institution.) |
| Keywords (up to 5) to define your particular research topic at the host institute: |

1. **EXCELLENCE OF THE RESEARCH**

**1.1. Importance of the Subject, Scientific Excellence of the Research and Question/Hypothesis**

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| Please describe the overall aims and scientific/technical objectives of the research in detail with clear and brief statements. The objectives should be measurable, realistic and achievable within the duration of the research. Objectives should be consistent with the expected exploitation and impact of the research (see section 2). Please describe the current national and international state of the art in the domain addressed by the research (present a literature review including, if applicable, patent/utility model/market research relevant to the research). The scope, limits and importance of the subject matter discussed in the research proposal are explained by a critical evaluation of the literature as well as by qualitative or quantitative data. All necessary references should be given in ANNEX-1: REFERENCES. **Describe the advance your research proposal would provide beyond the state-of-the-art, and the extent the proposed work is ambitious**. Please describe the scientific quality and innovation potential of the research as well as its methodological/conceptual/theoretical contribution to the related scientific and technological area, highlighting the expected progress beyond the state of the art.The interdisciplinary/multidisciplinary characteristics should also be clearly stated. |

**2. IMPACT OF THE RESEARCH**

**2.1 Expected impacts**

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| Describe the expected impact(s) of the research in relation to the research objectives. Please indicate the potential of the research results to solve economic/commercial/social/environmental problems. Describe the innovation potential **(e.g. ground-breaking objectives, novel concepts and approaches, new products, services or business and organizational models)** which the proposal represents. Where relevant, refer to products and services alreadyavailable on the market. Please refer to the results of any patent search carried out.Wherever possible, use quantified indicators and targets for the expected outputs, results and impacts (Product, Prototype, Patent, Utility model, Production license, Process Improvement, Variety registry, Spin-off/Start-up company, Audiovisual archive, Inventory / Database / Documentation Production, Work that can be copyrighted, social impact, environmental impact and other common effects).For the researches aiming new product development, please also answer the following questions;* Describe the added value of the research that will strengthen the competitiveness and growth of companies by developing innovations meeting the needs of Türkiye; and, where relevant, by delivering such innovations to the markets.
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**3. IMPLEMENTATION OF THE RESEARCH**

**3.1. Methodology**

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| Methods must be rigorous and appropriate to the proposed research questions or hypotheses. Design, methods, and analytic techniques should have a coherent and logical link. Research methods should be described in adequate detail. Methods must be associated with work packages. Methodology should make it clear how the research design and analyses answer the research questions (Include a description of study population and sampling method, sample size, expected effect size; Instruments or protocols to be used; Validity, reliability, and triangulation of measures; Data analysis plans (Statistical Models, procedures for analysis of text/video/observation data) |

**3.2. Management structure: Work Packages Table\***

Provide a work-time schedule and success criteria. Base your account on the logical structure of the research and the stages in which it is to be carried out. The number of work packages should be proportionate to the scale and complexity of the research. You should give enough detail in each work package to justify the proposed resources to be allocated and also quantified information so that progress can be monitored by TÜBİTAK.

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| **WP No** | **Work Package** | **Period****(month-year)** | **Success Criteria****(%, number, statement etc.)** | **Importance of the WP for success of the Research (%)\*\*** |
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**(\*)**The rows and columns in the schedule can be enlarged and increased.

**(\*\*)**The sum of percentages in the columns should be 100.

The success criterion describes the criteria for each WP to be considered successful. The criterion of success is indicated by quantitative or qualitative criteria (expression, number, percentage, etc.) to be measurable and monitorable.

**3.3. Risk Management Table**

Describe any critical risks, relating to research implementation, that the stated research's objectives may not be achieved. The risks that can affect the success of the research negatively and the alternative plan(s) (Plan-B) that will be implemented in case of encountering with those by regarding the related work packages should be described. Implementation of Plan B should not lead to deviation from the main objectives of the research.

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| **WP No** | **Main Risks** | **Risk Management (Plan-B)** |
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| **Researcher (Fellow) Signature** | **Host Signature** |
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