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|  | Qatar-Japan Research Collaboration Application (QJRC 2)-2023 |
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| **Project Title** |
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|  **Lead Principle Investigator (LPI) information – Qatar University** |
| **Name** |  |
| **Rank/ Title**  |  |
| **College/Research center/Lab** |  |

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|  **Lead Principle Investigator (LPI) information – Partner Institution\*** |
| **Name** |  |
| **Position Title** |  |
| **College/Department, Research Center/Laboratory** |  |
| **University / Research Institution** |  |
| **E-mail Address** |  |
| **Phone/mobile** |  |

\*add another table if necessary

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| **List of Team Members** *(Provide here the information as reported in the “Application Details” on the iGrants submission system)* |
|  | **Researcher#1** | **Researcher#2**  | **Researcher#3** | **Researcher#4** |
| **Name** |  |  |  |  |
| Role in Project (PI, RA, GA, Graduate Student…) |  |  |  |  |
| Institution/Position |  |  |  |  |
| College/ /Department/ Center/Laboratory |  |  |  |  |
| e-mail Address |  |  |  |  |
| Phone/Mobile |  |  |  |  |
|  | **Researcher Assistant 1** |  | **Researcher Assistant 3** |  |
| **Name** | **To be hired** |  | **To be hired** |  |
| Role in Project (PI, RA, GA, Graduate Student …) |  |  |  |  |
| Institution/Position |  |  |  |  |
| College/ /Department/ Center/Laboratory |  |  |  |  |
| e-mail Address |  |  |  |  |
| Phone/Mobile |  |  |  |  |
| **Abstract** ***(Not to exceed 300 words)*** |
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| **Alignment with Research Priorities** *Describe how the research aligns with the QU Research Pillars, Topics and Sub Topics. Describe how the research will address and provide solutions to national, regional and international problems* *(Not to exceed 1 page)* |
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| **Research plan and expected outcomes*****(not to exceed 10 to 12 pages excluding references)*** |
| **A. Objectives/significance (one page recommended)*****List the goals and objectives of the research proposed to test a hypothesis, create a novel or original design, solve or understand a specific problem, address a critical obstacle to progress in the field, new knowledge in the subject or develop new technology. Also, describe how the outcome might answer the research question.*****B. Background or Literature Survey (two pages recommended)*****Briefly outline background research, knowledge, or information that has led to the current project proposal, assess existing data or qualitative analysis, and discuss how the outcome data from your project will fill the gaps in existing knowledge in the relevant field.*****C. Preliminary Data or Studies (if any)*****Discuss your preliminary data or studies that are pertinent to the intended project application.*** **D. Research Design and Methodology (at least 5 pages)*****Describe the research design, including an outline of the experimental plan, procedures, and analyses to be used to accomplish the specific objectives of the proposed research project. If applicable, you may consider doing some of the following:**** ***describe how data will be collected, statistically analyzed, and interpreted***
* ***describe clearly any new concepts, approaches, tools, or technologies for the proposed project***
* ***describe any modifications in methodology and advantages over existing methodologies***
* ***describe the potential difficulties or limitations of the proposed procedures and provide alternative approaches to achieve the specific objectives***

**E. Work Plan and Technical Description*****Describe the Work Packages defining your project activities. Define for each WP:*** ***the objectives,*** ***the responsible person and the involved researchers/students,******the timeline (Start Date and End Date)******the detailed description of the work (it is recommended to define Tasks T1, T2… ),******the deliverables (tangible outcomes produced by the tasks (one or Several deliverables D1, D2… could be produced by a single Task),*****F. Contribution of different team members and resources*****Describe in the project’s work packages the contribution of the team members to ensure the project is tackling the research challenge from different perspectives. Also, discuss the resources utilized from different universities (labs, equipment, external industrial and government partners, etc.) to conduct the proposed activities.*** **G. Profile of the main Research Team members*****Provide justification of the LPIs capability and experience to coordinate the project and their research teams and to achieve the proposed plan.*** ***Also Provide the profile of the other main researchers and their roles in the project.*****H. Anticipated Results and Evaluation Criteria*****Describe here your plan to evaluate how the project is meeting its goals.*****I. Impact and Project Key Performance Indicators (KPIs)*****Describe your plan to disseminate research outcomes. Please use the table below to quantify the research outcomes (e.g., number of journal papers, patent disclosures, technology transfers, etc.). The research outcomes KPIs will be used to evaluate the project success.*****h. References** |

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| **Compliance and Ethical Considerations** |
| **Will the project involve use of any of the following:** | **Yes (please tick)** | **If yes, please specify participating institution(s)** |
| * **Human subjects?**
 | □ |  |
| * **Animal subjects?**
 | □ |  |
| * **Hazardous materials?**
 | □ |  |

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| **Required Resources****To be funded by LPIs College/ Centre/ Laboratory**  |
| **Resources** | **Needed Y/N** | **Available Y/N** | **Budgeted Y/N** |
| * **Laboratory Space**
 |  |  |  |
| * **Facilities**
 |  |  |  |
| * **Office and Computer Facilities**
 |  |  |  |
| * **Major Equipment**
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| **No** | **Expected Outcomes** | **Number and Rationale** |
| 1 | Supervised or co-supervised students on a thesis/project within this proposal |  |
| 2 | Expected number of journal articles published in journals listed in Web of Science Clarivate (Quartile in Category Q1) |  |
| 3 | Expected number of journal articles published in journals listed in Web of Science Clarivate (Quartile in Category Q2) |  |
| 4 | Expected books/or book chapters  |  |
| 5 | Expected patents to be filed (if any) |  |
| 6 | Technology transfer with industry |  |
| 7 | Creative works |  |
| 8 | Others (please specify)  |   |
| **Previous Research Publications Related to the Proposal****List up to five publications or patents of the research team most relevant to the proposed project.** |
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| **Previous Research Funding** ***List All Grants received in the last 3 years (add rows as needed)***  |
| **Title of Research Project** | **Project ID** | **Type of Grant** | **Grant Amount** | **Project Duration** | **Role\*** |
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**\*PI, Lead PI, etc**

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| **Yearly Proposed Budget** ***This is the total annual budget in each institute participating in the co-funded project (Detailed budget should be developed and submitted separately in the provided excel sheet)*** |
|  | **Year 1** |
| **Qatar University****(QJRC Contribution)** |  |
| **Partner University** **(QJRC Contribution)**  |  |

**\*Add other institutions if applicable.**

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| **Qatar University Budget Justification*****For each budget category included in the detailed budget, provide detailed justification below making sure to link the budget item to stated project objectives (Detailed budget should be developed and submitted separately in the provided excel sheet). Please note that QU budget is required to be a minimum of 70% of the QJRC proposed budget*** |
| 1. **Personnel/Efforts:**
 |  |
| 1. **Equipment, Materials & Supplies:**

**(If any to be funded by associated College/ Centre)** |  |
| 1. **Travel Expenses:**
 |  |
| 1. **Miscellaneous (i.e. publication fees, conference registration etc):**
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| **Partner University****Budget Justification*****For each budget category, provide detailed justification below making sure to link the budget item to stated project objectives******Please include the maximum QJRC of 30% and any additional co-funding commitments*** |
|  | **Y1** |
| 1. **Personnel/ Efforts:**
 |  |
| 1. **Equipment\*, Materials & Supplies:**

(if any….) |  |
| 1. **Travel**
 |  |
| **Total**  |  |

**\*Add other institutions if applicable.**

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| **Attachments** |
| * *Budget sheet (breakdown and justification)*
* *CV or Biographical Sketches of the LPI and the PIs (Not to exceed 2 pages each)*
* *Plagiarism similarity report*
* *Stamped commitment letter from the collaborating Institution/Organization*     *If applicable, provide letters of support from industrial collaborators to acknowledge their interest and support to accomplish the proposed research*
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| **I confirm the following:** | **No** | **Yes** |
| * **This project idea is original and is not a duplicate of any previous work?**
 |  |  |
| * **I have checked for Plagiarism**
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**Signatures:**

I, \_\_\_\_\_\_ the undersigned, certify that to the best of our knowledge all the information provided in this application is correct. If the research proposal is approved for funding, we will be bound by all rules of the Qatar University in spending the allocated research grant.

**Qatar University:**

|  |  |
| --- | --- |
| **Name** | **Date**  |
| **role** | signature |

**Partner University\*:**

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| --- | --- |
| **Name** | **Date**  |
| **role** | signature |

\*: add another table if applicable.