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|  IUT RESEARCH SEED GRANTS (IUT\_RSG)**APPLICATION FORM***(Academic Year 2022-2023)* *One (1) copy of this form must be submitted to the Department of Research, Extension, Advisory, Services, and Publications (REASP)**Level 4, Academic Building-1, IUT campus, Board Bazar, Gazipur -1704, Dhaka, Bangladesh* *[Incomplete Form will be rejected]* |
| **A** | **TITLE OF PROPOSED RESEARCH:** |
| **B** | **DETAILS OF RESEARCHER**  |
| **B(i)** | Name of Principal Researcher:  |
| **B(ii)** | **Position (Please tick** *( √ )***)***:* **Professor** **Assoc. Prof.**  **Assistant Prof.** **Lecturer**  |
| **B(iii)** | **Faculty and Department/Centre (Please provide full address):** |
| **B(iv)** | **Office Telephone No.:** **Mobile phone No.:** |
| **B(v)** |  **E-mail Address:** |
| **B(vi)** | **Date of first appointment with this University:** |
| **C** | **RESEARCH INFORMATION**  |
| **C(i)** | **Duration of this research (Maximum 12 months):**  **Duration: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **From : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ; To : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  |
| **C(ii)** | **Other Research Member:** *(Please include maximum 4 pages of curriculum vitae for each member)*

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| **Name** | **Faculty & Department/ Centre** | **Academic Qualification/****Designation** | **Signature** |
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| **C(iii)** | **Research projects that have been completed or ongoing by project leader for the last five years.**  |
| **Title of Research** | **Grant’s Name** | **Position / Role** | **Duration** | **Start Date**  | **End Date** |
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| **C(iv)** | **Please provide information on academic publications that has been published by the project leader for the last five (5) years. (Example: Journals, Books, Chapters in books, etc)** |
| **Title of publication** | **Name of journals/books** | **Year published** |
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| **D** | **RESEARCH PROPOSAL** |
| **D(i)** | **Abstract (maximum 250 words)** It includes a brief description of the proposed research work that states purpose, objectives, methodology, and outcomes with explaining the compelling reason (s) for undergoing this research. |
| **D(ii)** | **Proposal of research project:****(a) Research background including Hypothesis /Research Questions and Literature Reviews**. **(word limit: 1000):**Provide problem statement of the project; describe the importance of the project; present rational background and literature for justifying the proposed research; identify research questions (hypothesis) that deal with the problem and fill the gap (literature). **(b) Objective (s) of the Research** **Example: *This study embarks on the following objectives:**** 1. *To investigate ......*

 *2) To assess..........*  *3) To investigate ......***(c)Project design and Methodology** **(word limit: 500):**Provide sufficient detail on how to conduct this project, including - research outline, methods (experimental design, place - where it will be conducted), type of analysis, and detailed procedure along with the appropriate timeline.**Please state in the form** 1. ***Description of Methodology***
2. ***Flow Chart of Research Activities ( Please enclose in the Appendix)***
3. ***Milestones and Dates***

**(d) Expected Results/Benefit(word limit: 500):**Provide expected outcomes of the project. Illustrate the benefit of the proposed project in context to IUT and OIC member states as a whole. ***Key issues might be included*** 1. ***Novel theories/New findings/Knowledge***
2. ***Research Publications***
3. ***Number of PhD and Masters (by research) Students***
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| **E** | **EQUIPMENT AND MATERIAL**  |
|  | **Equipment**  | **Location** |
| **Example*** Computer-Aided Design
* Real-time Adaptive Control Engineering Lab
 | **IUT****BUET**  |
| **F** | **BUDGET** |
| A detailed budget (complete the IUT\_RSG Budget Form) should be provided, and it should not be exceeded the grant amount. The budget should be accurate, clearly articulate, and well-justified. |
| **Budget details** | **Amount requested by the applicant** **(US$)** | **Amount recommended by RGEC (US$)** |
| ***See*** **IUT\_ Research Seed Grant****Budget Form (for detail)**  |  |  |
| **G** | **Declaration by applicant** **(Please tick *( √ )*):** |
|  | **I hereby declare that:**1. **All information stated here are accurate, Appropriate body has right to reject or to cancel the offer without prior notice if there is any inaccurate information given.**

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| ***Name of Researcher***  | ***Signature/Date***  |
| **Principal Researcher** |  |
| ***Co-Researcher***  |  |
| ***Co-Researcher***  |  |

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