****

**Concept Note**

**for**

**Cyber Security Ideas Cup**

**<Project Title>**

**<submitted by>**

**Read carefully before filling the form.**

1. Please do not alter the layout of the application form. Information must be filled in the spaces provided, under set format.
2. Guidance notes in various fields should not be deleted.
3. Required information should be duly filled in the specified fields.
4. Required heads/fields which are not relevant to the project should be marked **N/A** (Not Applicable) or left blank and should not be deleted.

**Concept Note for Cyber Security Ideas Cup**

**Guidelines**

**Introduction**

National Center for Cyber Security (NCCS) has been established by Government of Pakistan (Planning Commission) through Higher Education Commission (HEC) as a center of excellence for conducting research and development in specialized fields of cyber security. The center comprises of eleven (11) partner laboratories established in reputed universities of Pakistan working under NCCS Secretariat housed at Air University Islamabad. As part of its mandate, NCCS is going to organize the first “Cyber Security Ideas Cup – 2023” which invites start-ups, SMEs, ambitious students and young professionals from all over Pakistan to participate in solving cyber-security cases, as individuals or in teams.

Cyber-Security Ideas Cup – 2023 offers a platform to likeminded cyberpreneurs to share ideas on how we can play a better role in securing the cyber security landscape of Pakistan. This presents a great opportunity for students, academicians, and practitioners to exercise their creativity in helping solve some of the complex cyber security issues we face today. Interested participants are required to submit a brief description of their ideas/projects followed by a detailed version, which will be reviewed by the jury before moving on to the finals

Research grants will be awarded for high-level and promising Cyber Security ideas/projects by individuals or groups of innovators, academics and/or industry involved in the research and development individually or collaboratively. These ideas/projects should be based on either a universally known technology or a new technology developed by the applicant and should be aimed at achieving economically viable systems, products, or processes beneficial to the nation to secure cyberspace..

**Submission Procedure**

Duly filled application forms complete in all respects along with any documents should be submitted online by **27th October 2023.** On receipt of the applications the proposals will be evaluated internally as well as externally.

**Joint Funding**

The project proposal may be jointly funded by NCCS and other funding agencies/industry. The efforts to obtain joint funding will be at the discretion of the Project/Startup Lead. However, any such information must be provided to NCCS.

**For further information, please contact:**

Business Development Manager,

National Centre for Cyber Security,

NCCS Secretariat, Sector E-8, Air University, Islamabad

Email: [bdm.rf@nccs.pk](mailto:bdm.rf@nccs.pk) keeping [pcc@nccs.pk](mailto:pcc@nccs.pk) in cc

Website: <https://pakistancybersecuritychallenge.nccs.pk/>

**Table of Contents**

**Description Page #**

[Section – 1 1](#_Toc26971818)

[1.1 Project Identification 1](#_Toc26971819)

[Section – 2 3](#_Toc26971820)

[2.1 Outcomes and Benefits 3](#_Toc26971821)

[2.2 Objectives 4](#_Toc26971822)

[2.4 Research Approach 4](#_Toc26971823)

**Note:** To update the table of contents, right click in the table and select ‘*update field*’ and then select ‘Update Entire Table’.

**Concept Note for Cyber Security Ideas Cup**

# Section – 1

# 1.1 Project Identification

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Reference Number: | | | | | | | |
| (for office use only) | | | | | | | |
| Project Title: | | | | | | | |
| **<type here>** | | | | | | | |
| Project/Startup Lead (Founder): | | | | | | | |
| Name: | |  | | | | | |
| Designation: | |  | | | | | |
| Affiliation: | |  | | | | | |
| Mobile # : | |  | | | | Tel. # : |  |
| Email: | |  | | | | | |
|  | | | | | | | |
| **Project/Startup Lead (Co-Founder):** | | | | | | | |
| Name: | |  | | | | | |
| Designation: | |  | | | | | |
| Affiliation: | |  | | | | | |
| Mobile # : | |  | | | | Tel. # : |  |
| Email: | |  | | | | | |
| **Contact Person:** (If different from Founders.) | | | | | | | |
| Name: | |  | | | | | |
| Designation: | |  | | | | | |
| Affiliation: | |  | | | | | |
| Mobile # : | |  | | | | Tel. # : |  |
| Email: | |  | | | | | |
|  | | | | | | | |
| What technology area is core to your product?*(Please mark* X *where applicable)*  |  | | --- | |  | | | | | | | | |
| What is the target market(s) for the product?  |  |  | | --- | --- | | <type here> |  | | | | | | | | |
| Other Organizations Involved in the Project: *(Please identify all affiliated organizations collaborating in the project and describe their role/contribution to the project.)* | | | | | | | |
| **Industrial Organizations:** | | | | | | | |
| *#* | *Organization Name* | | | | *Role / Contribution* | | |
|  |  | | | |  | | |
|  |  | | | |  | | |
| **Academic Organizations:** | | | | | | | |
| *#* | *University Name* | | | *Role / Contribution* | | | |
|  |  | | |  | | | |
|  |  | | |  | | | |
| **Funding Organizations:** | | | | | | | |
| *#* | *Organization Name* | | | | *Role / Contribution* | | |
|  |  | | | |  | | |
|  |  | | | |  | | |
| **Other Organizations:** | | | | | | | |
| *#* | *University/Organization Name* | | | | *Role / Contribution* | | |
|  |  | | | |  | | |
|  |  | | | |  | | |
| Project Status: (Please mark X) [ ] New [ ] Modification to previous Project  [ ] Extension of existing project | | | | | | | |
| Project Duration: | | | Months | | | | |
| Proposed Budget/ Key Financials (Discuss break even analysis, Revenue stream, exit strategy) | | | PKR | | | | |
| The Problem:*(Please describe the problem / opportunity / gap / need that you want to address/solve. Maximum 300 words.)* | | | | | | | |
| <type here> | | | | | | | |
| Our solution will address the following weaknesses of existing solutions.*(Maximum 200 words.)* | | | | | | | |
| <type here> | | | | | | | |

# Section– 2

# 2.1 Outcomes and Benefits

|  |
| --- |
| Expected Outcomes: *(Provide a list of proposed project outputs including market offerings (products, services), databases, any publications, etc.)**(Maximum 250 words.)*<type here> |
| Key Benefits and Beneficiaries: *(Please identify clearly the benefits and potential customers/beneficiaries of the project.)**(Maximum 250 words.)*<type here> |
|  |

# 2.2 Objectives

|  |
| --- |
| *(Please describe the measurable objectives of the project and define the expected results. Use results-oriented wording with verbs such as ‘to develop... .’, ‘to implement..’, ‘to research..’, ‘to determine..‘, ‘to identify..’****The objectives should not be statements and should actually specify in simple words what the project team intends to achieve (something concrete and measurable/ deliverable).Fill only those objectives that are applicable to the proposed project****.)* |
| **Research Objectives:** *(if any)*   * <type here>   **Academic Objectives:** *(if any)*   * <type here>   **Commercial Objectives:** *(if any)*   * <type here>   **Other Objectives:** *(if any)*   * <type here> |

# 2.4 Research Approach

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Key Milestones and Deliverables: *(Please list and describe the principal milestones and associated deliverables of the project.* ***Quarterly deliverables are preferred****.)* | | | | | | |
|  | | | | | | |
| *No.* | | *Elapsed time from start (in months) of the project* | | *Milestone* | | *Deliverables* |
|  | 3 months | |  | |  | |
|  | 6 months | |  | |  | |
|  | 9 months | |  | |  | |
|  | 12 months | |  | |  | |
|  |  | |  | |  | |
| (Please add more rows if required.) | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Signatures of Founder:  |  |  |  |  | | --- | --- | --- | --- | | Name: |  | | | |  |  | | | | Date: |  |  | Signature  & stamp: | |

**CV of Founders**