Format for Submission of Project

SECTION – A
(GENERAL INFORMATION)

1.   Project Title : CipherLedger

2.   Sub Area: Cryptography
Artificial Intelligence/ Machine Learning
Engineering
Social Psychology

3.   Duration in months : 4 months

4.   Total cost :

5.   Project Category: Block Chain

Applied Research

SECTION – B
(TECHNICAL DETAILS)

1.   **Project Title : CipherLedger**

2.   **Project summary (maximum 500 words):** The CipherLedger project to develop a robust and secure blockchain system that leverages advanced cryptographic techniques to ensure data integrity,confidentiality,and authenication. This   project will involve designing and implementing a blockchain algorithm and creating a user friendly graphical user interface(GUI) for managing and interacting with blockchain network.

3.   **Key words :** Cryptography,Block chain,data authentication,data integrity

4.   **Introduction (under the following heads):**

a.   Origin of the proposal:

b.   **Definition of the problem**:

c.   **Objective:** This project aims to address the current limitations in existing blockchain systems by integrating state-of-the-art cryptographic methods and providing an intuitive graphical user interface (GUI) for seamless management and interaction with the blockchain network.

5.   **Review and status of Research and Development in the subject:**

a.   **State of art in proposed area/literature review**:

6.   **Work plan:**

        Organization of work elements:

        Time schedule of activities giving milestones (also append to bar diagram):

        Suggested plan of action for utilization of research outcome expected :