CERTIFICATE FROM THE INVESTIGATORS/CO-ORDINATOR(S) OF THE PROJECT

Project Title: **Empowering of students by using IOT with Arduino & Raspberry Pi for the region of Malkajgiri, Telangana**

1.   I/We have gone through and agree to abide by the terms and conditions of the RVPSP/DST grant.

2.   I/We have not submitted, nor do I/ We intend to submit this, or a similar project proposal, to any other agency for financial or other support.

3.   I/We have explored and insured that hardware and basic facilities will actually be available from our organization as and when required for the purpose of this
project no financial support under this project will be requested or utilized for these items.

4.   I/We undertake to summit progress report, statements(s) of accounts, utilization certificates etc., periodically and at the end of each financial year.

5.   I/We have enclosed the following materials.

Name(s) & Signature(s) of

Principal Investigator/Principal Coordinator,   Co Investigator/Co-coordinator

Dr. Shaik Javed Parvez   **Dr.Arun Kumar Kandru**

 Co Investigator/Co-coordinator   Co Investigator/Co-coordinator

Mr. Srikanth Kama   **Mr. Kurapati Veeranjaneya Varaprasad**

 Co Investigator/Co-coordinator

Mr.Katam Naga Lakshman

Place:
Date:

PROFORMA   FOR   BIODATA OF PRINCIPAL INVESTIGATOR/ COORDINATOR

A.)   Name: **Dr. Shaik Javed Parvez**
B.)   Date of Birth: 27/03/1984
        Institution with Full Address: Malla Reddy Engineering College, Maisammaguda, Dhullapally post,
        Via Kompally, Secunderabad, Telangana State, India - 500100
D.)   Whether belongs to SC/ST: NO
E.)   Academic and Professional Career:
        Academic Career: PhD (CSE)
        Professional Career: Associate Professor
F.)   Award/Prize/Certificates etc. won by the Coordinator: -
G.)   Publication (Number & Titles Only):
        Books: 2
        1. Federated Learning in Blockchain
        2. Exploration on Revenue Using Pioneering Technology in Infrastructure Facilities of
            Luxury Hotels
        Research papers, Reports: 16
        1. Engineering a Novel Recruitment System Using Gradient Boosted Decision Tree
            Algorithm and Business Intelligence Principles
        2. Bitcoin price prediction using Random Forest Regression
        3. Data Analytics for finding loyalty of international airline passengers using Deep
            Network MLP combining with Machine Learning Algorithms on Python
        4. Effective Mining Of Unstructured Twitter Data For Detecting User Persecution
        5. Business Intelligence and decision support using Distinct MapReduce with Access
            Patterns (DMRAP) in Big Data analytics
        6. A Predictive Analysis of Signatures Using Soft Computing Techniques
        7. Digital marketing in hotel industry
        8. Data management with PMS in hotel industry
        9. IoT based smart traffic signal monitoring system using vehicles counts
        10. Data Analytics for Monitoring the Satisfactory Parameters of Airline Passengers using
            Machine Learning Algorithms in Python
        11. Effective Processing of Unstructured Data using Python in Hadoop Map Reduce
        12. Study of Effective Mining of Unstructured Twitter Data
        13. A Study on Geographical Search and Road Network Using Progressive Indicator for
            Finding Shortest Path
        14. Real time alert system for natural disaster
        15. Map Reduce Approach Algorithms For Big Data Analysis
        16. Real Time Alert System for Natural Disaster

        General Articles: NIL
        Patents: 4

        1. DEEP LEARNING BASED MULTI-CATEGORICAL CLASSIFICATION FOR THE
            DETECTION OF GASTRIC ADENOCARCINOMA, 2022.
        2. DOCUMENT CLASSIFICATION USING USING ARTIFICIAL INTELLIGENCE,
            2022.
        3. INNOVATIVE METHOD TO ANALYZE IOT DEVICE IN TERMS OF
            CYBERSECURITY, 2022.
        4. A PLATFORM FOR MANAGING DEVICES AND APPLICATIONS ON THE
            INTERNET OF THINGS WITH MANIOT, 2022.

Others (please Specify): NA

H.)   List of Completed and on going projects (during the last three years):

NIL

S. No.	Title of the Project	Duration	Total Cost	Funding Agency
		From To		

I.)   List of Projects submitted (during the last three years): NIL

S. No.	Title of the Project	Name of Organization	Status

PROFORMA   FOR   BIODATA OF Co INVESTIGATOR/CO-COORDINATOR

A.)   Name: **Dr. Arun Kumar Kandru**
B.)   Date of Birth: 26/07/1983
         Institution with Full Address: Malla Reddy Engineering College, Maisammaguda, Dhullapally
         post, Via Kompally, Secunderabad, Telangana State, India - 500100
D.)   Whether belongs to SC/ST: SC
E.)   Academic and Professional Career:
         Academic Career: PhD (CSE)
         Professional Career: Associate Professor
F.)   Award/Prize/Certificates etc. won by the Coordinator: NIL
G.)   Publication (Number & Titles Only):
         Books: NIL
         Research papers, Reports: 22

1. A Study On Data Prevention Approaches For Cloud Computing
2. A Study On Inside Views Of Cloud Computing Tools
3. A Traditional Intrusion And Malicious Detection System In Cloud Computing
4. Achieving Energy Efficiency By resource Management Approaches In Cloud Computing
5. An Efficient Associated Secured Biometric Authentication For IoT
6. Analytical Study On Virtual Machine Consolidation For Resource Management In Cloud Computing Environment
7. A Study On Simulation Tools In Cloud Computing
8. Detecting And Preventing Unauthorized User Access To Cloud Services By Casbs
9. Dynamic Voltage And Frequency Scaling (Dvfs) Technique In Cloud Computing Environment
10. Efficient Cloud Platform For Developing A Chatbot
11. Energy Consumption And Resource Management With Its Challenges In Cloud Computing
12. Energy Efficient Resource Management In Cloud Computing By Load3 Balancing And Auto Scaling
13. Improving Data Sharing Security In Cloud By Using Cryptographic Schemes
14.   Mobile Device Location Updating System For Location-Based Services In Cloud Computing
15. Providing Domain-Based Storage Protection In Open Cloud Environment
16. Rank Constraint Based Approach For Cost Effective Data Security
17. Recommender Systems For Travel Destinations
18. Security Reliability To Identify User Id And Password Logging
19. Spam Email Detection Using Hybrid Features
20. SPS For Intelligent Processing Of Encrypted Data In Cloud
21. Sqlia Assailment On Users Queries
22. Jpeg Coding System Based On Mean Value Predictive Vector Quantization

General Articles: NIL
Patents: 5
1. Self Improvement Educational System and Method Thereof
2. A Smart Borewell with Protected LID
3. Smart Irrigation System For Agriculture Purposes

4. Utilizing an IoT and Raspberry Pi to create a mobile printer Compatible with Bluetooth
5. Multy Layer Security system design and development using Chriptography and Steganography

Others (please Specify): NA

H.) List of Completed and on going projects (during the last three years):

NIL

S. No.	Title of the Project	Duration		Total Cost	Funding Agency
		From	To		

I.) List of Projects submitted (during the last three years): NIL

S. No.	Title of the Project	Name of Organization	Status

PROFORMA   FOR   BIODATA OF Co INVESTIGATOR/CO-COORDINATOR

A.) Name: **Mr. Srikanth Kama**
B.) Date of Birth: 05/04/1987
     Institution with Full Address: Malla Reddy Engineering College, Maisammaguda, Dhullapally post, Via Kompally, Secunderabad, Telangana State, India - 500100
D.) Whether belongs to SC/ST: BC-A
E.) Academic and Professional Career:
     Academic Career: M.Tech (CSE)
     Professional Career: Assistant Professor
F.) Award/Prize/Certificates etc. won by the Coordinator: NIL
G.) Publication (Number & Titles Only):
     Books: NIL
     Research papers, Reports: 08

1. Student performance Prediction using LightBM
2. Web Application for College Staff Information System
3. Web Based online Blood Bank Management System
4. Predicting the Fame of YouTube Videos
5. Regrassion Model For Statistical Arbitrage: Predicting Currency Exchange Rates From News Media
6. Shunt Compensator with Cascaded Transformers for Distribution Networks
7. Analyzing and Predicting outcome of IPL Cricket Data
8. Series compensator Based on cascaded transformer's coupled with three-stage bridge converter with fuzzy controller

     General Articles: NIL
     Patents: 1
     1. Digital keyboard and mouse using Yolo Technique

     Others (please Specify): NA
H.) List of Completed and on going projects (during the last three years):

		NIL		

S. No.	Title of the Project	Duration	Total Cost	Funding Agency
		From To		

I.) List of Projects submitted (during the last three years):   NIL

S. No.	Title of the Project	Name of Organization	Status

PROFORMA FOR BIODATA OF Co INVESTIGATOR/CO-COORDINATOR

A.) Name: **Mr. KURAPATI VEERANJANEYA VARAPRASAD**
B.) Date of Birth: 27/06/1991
Institution with Full Address: Malla Reddy Engineering College, Maisammaguda, Dhullapally post, Via Kompally, Secunderabad, Telangana State, India - 500100
D.) Whether belongs to SC/ST: SC
E.) Academic and Professional Career:
Academic Career: M.Tech (CSE)
Professional Career: Assistant Professor
F.) Award/Prize/Certificates etc. won by the Coordinator: NIL
G.) Publication (Number & Titles Only):
Books: NIL
Research papers, Reports: NIL

General Articles: NIL
Patents: NIL

Others (please Specify): NA
H.) List of Completed and on going projects (during the last three years):

NIL

S. No.	Title of the Project	Duration	Total Cost	Funding Agency
		From To		

I.) List of Projects submitted (during the last three years): NIL

S. No.	Title of the Project	Name of Organization	Status

A.) Name: **Mr. KATAM NAGA LAKSHMAN**

B.) Date of Birth: 17/06/1991

Institution with Full Address: Malla Reddy Engineering College, Maisammaguda, Dhullapally post, Via Kompally, Secunderabad, Telangana State, India - 500100

D.) Whether belongs to SC/ST: BC-D

E.) Academic and Professional Career:

Academic Career: M.Tech (CSE)

Professional Career: Assistant Professor

F.) Award/Prize/Certificates etc. won by the Coordinator: NIL

G.) Publication (Number & Titles Only):

Books: NIL

Research papers, Reports: NIL

General Articles: NIL

Patents: NIL

Others (please Specify): NA

H.) List of Completed and on going projects (during the last three years):

NIL

S. No.	Title of the Project	Duration	Total Cost	Funding Agency
		From To		

I.) List of Projects submitted (during the last three years):   NIL

S. No.	Title of the Project	Name of Organization	Status