CERTIFICATE

This is to certify that the project work entitles **"CLASSIFICATION OF SOIL TO CHECK THE SUSTAINABILITY AND POTENTIAL PRODUCTIVITY"** is a bonafide work done by me

Name of the Student	Hall Ticket No.
Ganji Nikitha	109221508010

of **MSC (APPLIED STATISTICS)** under the guidance of **Dr Raghunadh Acharya** in Statistics Hindi Mahavidyalaya P.G Centre(A), Nallakunta in partial fulfilment for the award of **MSC** Masters by **Osmania University, Hyderabad**.

25/04/2023

Lecturer In charge

Examiner

Principal

External

CERTIFICATE

This is to certify that the project is titled bt"**MOTOR TREND CAR ROAD TEST**". This project is submitted byG.KALYANto Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25|04|2023

Name of the project guide

DR. M. RaghunadhAcharya.

HINDI MAHAVIDYALAYA,NALLAKUNTA.

INTERNAL GUIDE CERTIFICATE

This is to certify that the project report "**STRESS DETECTION IN HUMAN**" is being submitted by **T.RENUKA (109221508029),** in the partial fulfillment of the requirement for the award of the degree of Master of Science to the Osmania University under our guidance and this work has not been submitted for the award of any other degree of this institution.

T.Renuka
109221508029
T. Renuka.

25|04|2023

SIGNATURE OF THE GUIDE

(Dr. Mr. RAGHUNADH ACHARYA)

HINDI MAHA VIDYALA

VIDYA NAGAR

CERTIFICATE

This is to certify that the main project entitled Sensitive analysis is being submitted by P. Annapurna , Lahari bearing Regd no:**109221508025 109221508006 ,** in partial fulfillment of the requirements for completion of MSC. In the department of **DEPARTMENT OF APPLIED STATISTICS,** Osmania university is a record of bonafide work carried out by her under my guidance and supervision. The results presented in this project have been verified and found to be satisfactory

Guide

Dr. Raghunadh +

Dr. Raghunadh Acharya.

Head of the department 25/04/2023

External examiner

CERTIFICATE

This is to certify that the project is titled **PREDICTING CUSTOMER CHURN BEHAVIOUR IN TELECOM INDUSTRY**. This project is submitted by G.Supriya to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25|04|2023

Name of the project guide

DR. M.Raghunadh Acharya.

D

HINDI MAHAVIDYALAYA,NALLAKUNTA.

CERTIFICATE

PREDICTING STRESS DATASET

Is being submitted by

M.AKHILA B RAJ KUMAR

IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF DEGREE OF

MASTER OF SCIENCE

IN

APPLIED STATISTICS

During the academic year 2021-2023

HEAD OF DEPARTMENT   **EXTERNAL**   **PRINCIPAL**

OF APPLIED STATISTICS

HINDI MAHAVIDYALAYA,NALLAKUNTA.

CERTIFICATE

This is to certify that the project is titled WHATSAPP AUTOMATION USING PYTHON. This project is submitted by T.Sai Kumar and M.A.Shiva Teja to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25|04|2023

Name of the project guide

DR. M. Raghunadh Acharya.

Certificate

This is to certify that **B. LIKHITHA & M. LAVANYA** of class **MSC-2**

ND YEAR has successfully completed their project on topic "**CREDIT CARD**

DEFAULTER DETECTION" during the academic year **2021-23** as per the

guidelines given by **Dr. M. RAGHUNADH ACHARYA.**

Sign of external

Teacher's name *Raghunadh 25/04/2023*

(   )

CERTIFICATE

This is to certify that **N. ANUSHA, M RANGA NAIK** of class **MSC-2 Nd YEAR** has successfully completed her project on topic "**EMAIL SPAM OR NOT SPAM DECTECTION USING MACHINE LEARNING**" as prescribed by Prof **RAGHUNADH ACHARYA** during the academic year 2021-23 as per the guidelines given by **APPLIED STATISTICS.**

CERTIFICATE

This is to certify that the project is titled **Handwritten Digit Recognition by Using Machine Learning Techniques.** This Project is submitted by M. Lakshmi Prasanna and P. Yashaswini, to Hindi Mahavidyalaya (Autonomous) College, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/ diploma certificate.

Date:

Name of project Guide

Dr. M. Raghunadh Acharya   Signature of the Guide

Signature of the External.

CERTIFICATE

This is to certify that the project is titled PREDICTING FALL DOWN OF ALZHEIMER'S & PARKINSON'S PATIENTS. This project is submitted by S. Uday Kumar to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25/04/2023

Name of the project guide

DR. M. Raghunath Acharya.

CERTIFICATE

This is to certify that the project is titled "CAPTURING REAL TIME DATA". This project is submitted by Jadhav Dhananjay and v Sirisha to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25|04|2023

Name of the project guide

DR. M. Raghunadh Acharya.

CERTIFICATE

This is to certify that the project is titled FACE-RECOGNITION TECHNOLOGY USING PYTHON. This project is submitted by G.Vinay to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfillment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by him under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25\04\2023

Name of the project guide

DR. M. Raghunadh Acharya.

CERTIFICATE

This is to certify that the project is titled MOVIE RECOMMENDATION ON ONLINE STREAMING PLATFORM. This project is submitted by M. Mahender and D. Srusti to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25/04/2023

Name of the project guide

DR. M. Raghunadh Acharya.

CERTIFICATE

This is to certify that the project is titled MOVIE RECOMMENDATION ON ONLINE STREAMING PLATFORM. This project is submitted by M. Mahender and D. Srusti to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25|04|2023

Name of the project guide

DR. M. Raghunadh Acharya.

CERTIFICATE

This is to certify that the project is titled WHATSAPP AUTOMATION USING PYTHON. This project is submitted by T.Sai Kumar and M.A.Shiva Teja to Hindi Mahavidyalaya (Autonomous) college, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/diploma certificate.

Date: 25/04/2023

Name of the project guide

DR. M. Raghunadh Acharya.

CERTIFICATE

This is to certify that the project is titled **Handwritten Digit Recognition by Using Machine Learning Techniques.** This Project is submitted by M. Lakshmi Prasanna and P. Yashaswini, to Hindi Mahavidyalaya (Autonomous) College, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/ diploma certificate.

Date: 25|04|2023

Name of project Guide

Dr. M. Raghunadh Acharya

Signature of the Guide

Signature of the External.

3

CERTIFICATE

This is to certify that the project is titled **Handwritten Digit Recognition by Using Machine Learning Techniques.** This Project is submitted by M. Lakshmi Prasanna and P. Yashaswini, to Hindi Mahavidyalaya (Autonomous) College, Hyderabad, in partial fulfilment for the award of degree of MSC (Applied Statistics). This project was an authentic work done by them under my supervision and guidance. This project has not been submitted to any other institution for the award of a degree/ diploma certificate.

Date: 25 |04| 2023

Name of project Guide

Dr. M. Raghunadh Acharya   Signature of the Guide

Signature of the External.

CERTIFICATE

This is to certify that the project **is titled** CAPTURING REAL TIME DATA. This project is submitted **by J.** Dhananjay and V. L. Sirisha to Hindi Mahavidyalaya (Autonomo**us)** college, Hyderabad, in partial fulfilment for the award of degree **of** MSC (Applied Statistics). This project was an authentic work done **by them** under my supervision and guidance. This project has not been **submitted** to any other institution for the award of a degree/diploma certificate.

Date: 25\04\2023

Name of the project guide

DR. M. Raghunadh Acharya.

HINDI MAHA VIDYALA

VIDYA NAGAR

CERTIFICATE

This is to certify that the main project entitled Sensitive analysis is being submitted by P. Annapurna , Lahari bearing Regd no:**109221508025 109221508006** , in partial fulfillment of the requirements for completion of MSC. In the department of **DEPARTMENT OF APPLIED STATISTICS,** Osmania university is a record of bonafide work carried out by her under my guidance and supervision. The results presented in this project have been verified and found to be satisfactory

Head of the department

Guide

External examiner

DECLARATION

I hereby declare that the project work entitled "**CREDIT CARD DEFAULTER DETECTION**" submitted to "**DR. M. RAGHUNADH ACHARYA**", is a project report of the work done by us under the guidance of "**DR. M. RAGHUNADH ACHARYA**", this project work is submitted in partial fulfilment for **OSMANIA UNIVERSITY**. The Result embodied in this thesis has not been submitted to any other college/Institute.

D

INTERNAL GUIDE CERTIFICATE

This is to certify that the project report "**HUMAN STRESS DETECTION THROUGH SLEEP**" is being submitted by M.AKHILA(**109221508020**),RAJKUMAR(**109221508002**) in the partial fulfillment of the requirement for the award of the degree of Master of Science to the Osmania University under our guidance and this work has not been submitted for the award of any other degree of this institution.
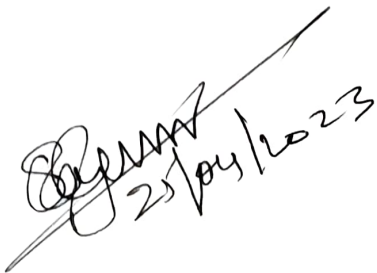
25/11/2023

SIGNATURE OF THE GUIDE

(Dr. Mr.RAGHUNADH ACHARYA)

HINDI MAHAVIDYALAYA,NALLAKUNTA.

3

CERTIFICATE

This is to certify that **N. ANUSHA, M RANGA NAIK** of class **MSC-2 Nd YEAR** has successfully completed her project on topic "**EMAIL SPAM OR NOT SPAM DECTECTION USING MACHINE LEARNING**" as prescribed by Prof **RAGHUNADH ACHARYA** during the academic year 2021-23 as per the guidelines given by **APPLIED STATISTICS.**

25/04/2023

PROJECT REPORT

ON

DATA VISULIZATIONa

OSMANIA UNIVERSITY

HINDI MAHAVIDYALAYA

DEPARTMENT OF APPLIED STATISTICS

FACULTY OF SCIENCE

MARCH 2023

(BATCH:2021-2023)-MSC-APPLIED STATISTICS

SUBMITED BY

A. GOPI KRISHNA – 109221508001

L. ASHOK   - 109221508015

L. Ashok.

PROJECT REPORT

ON

DATA VISULIZATIONa

OSMANIA UNIVERSITY

HINDI MAHAVIDYALAYA

DEPARTMENT OF APPLIED STATISTICS

FACULTY OF SCIENCE

MARCH 2023

(BATCH:2021-2023)-MSC-APPLIED STATISTICS

SUBMITED BY

A.GOPI KRISHNA – 109221508001

L.ASHOK   - 109221508015

PROJECT REPORT

ON

CAPTURING REALTIME DATA

(DEFECTIVES AND NON-DEFECTIVES)

OSMANIA UNIVERSITY

HINDI MAHAVIDYALAYA

DEPARTMENT OF APPLIED STATISTICS

FACULTY OF SCIENCE

FEBRUARY 2023

(BATCH:2020-2023)-MSC-APPLIED STATISTICS

CERTIFICATE

This is to certify that the Project Report title "PREDICTING HEART ATTACK AMONG THE PATIENTS" at Hindi Maha Vidyalaya, OSMANIA University, Hyderabad, was carried out by **P. SHIVA PRASAD** under my guidance. This has not been submitted to any other University or Institution for the award of any degree/diploma/certificate.

Name and Designation of the Guide   **Signature of the Guide**

25/4/202?

Dr. RAGHUNATH ACHARYA

PROFESSOR

HMV College

OSMANIA UNIVERSITY

HYDERABAD.