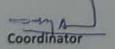
# M. Tech (Computer Science) Academic Year 2020-22 Dissertation Submitted till Date Department of CS & IT, MANUU Hyderabad

Sr.	Enrolment	Roll Number	Name of Student	Title	Supervisor Name
No 01	A200046	20MTCS002HY	Md Zeyaur Rahman	Performance of Recommendation System in E-Commerce	Prof. Abdul Wahid Dean, School of Technology
02	A200047	20MTCS003HY	Nadiya Zafar	Practical Byzantine Fault Tolerance based Security in IoT	Dr. Jameel Ahamed, Assistant Professor
03	A200048	20MTCS004HY	Saima Afreen	Handwritten Digit Recognition using Ensemble Learning Techniques	Prof. Pradeep Kumar Professor
04	A200049	20MTCS006HY	Mahmooda Khatoon	Transaction Analysis on Ethereum Network Using Machine Learning: A Proposed System	Dr. Khaleel Ahmad Assistant Professor
05	A170688	20MTCS009HY	Mohd Saqib	Finger Print Identification for Crime Detection	Dr.BonthuKotaiah Assistant Professor
06	A165062	20MTCS010HY	Mohd Sultan	Text Recognition and Text to Speech Conversion onScene Image	Mr. Ahmad Talha Siddique Assistant Professor
07	A166419	20MTCS014HY	Mohammad Minsar	Detection of Malicious Hyperlinks Using Machine Learning: A Proposed System	Mr. Mohammad Islam Assistant Professor
08	A200771	20MTCS015HY	Mohd Adil Fazal Mubeen	Crop Disease Identification using Ensemble of Deep Learning Models	Dr.Muqeem Ahmad Assistant Professor
09	A171138	20MTCS018HY	Md Ziaul Haque	Handwritten Hindi Character Recognition Using Multiple Classifiers in Machine Learning	Mr. Mohammad Omar Assistant Professor
10	A200808	20MTCS016HY	Md Tanveer Alam	Crop Recommendation Model using Machine Learning in Smart Farming	Dr.Imtiyaz Hassan Head, Dept. of CS&IT
11	A200051	20MTCS011HY	FarozaShamsheem	Prediction of ncRNA from RNA-Seq Data using Machine Learning Techniques	Mrs, Tunga Arurndhati Assistant Professor



Har

Head Dept. of CS & It

#### Certificate

### MAULANA AZAD NATIONAL URDU UNIVERSITY

This is to certify that Dissertation entitled "Performance Analysis of Recommendation Systems in E-Commerce" submitted by Md. Zeyaur Rahman bearing Enrollment No. A200046 in partial fulfillment of the requirements for the award of Master of Technology (Computer Science) Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him/her under my supervision.

The results presented in this report have been verified and are found to be satisfactory. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any other degree or diploma.

Supervisor Signature

22.09.202

Head

## CERTIFICATE

This is to certify that the Dissertation entitled "Practical Byzantine Fault Tolerance based Security in IoT" submitted by NADIYA ZAFAR bearing Enrollment No A200047 in partial fulfillment of the requirements for the award of Master of Technology in Computer Science Degree during 2020-2022 at the Department of CS & IT is an authentic work carried out under the supervision of Mr. Jameel Ahamed, Assistant Professor Department of Computer Science & IT, MANUU.

The results presented in this report have been verified and are found to be satisfactory. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any other degree or diploma.

Supervisor's Signature

Head Department of CS & IT

#### Certificate

#### MAULANA AZAD NATIONAL URDU UNIVERSITY

This is to certify that Dissertation entitled "Handwritten Digit Recognition using Ensemble learning techniques: A Comparative performance Analysis" submitted by Saima Afreen bearing Enrollment No. A200048 in partial fulfillment of the requirements for the award of Master of Technology (Computer Science) Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him/her under my supervision.

The results presented in this report have been verified and are found to be satisfactory. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any other degree or diploma.

Supervisor Signature

Hazz. 09. 2020

Head

#### MAULANA AZAD NATIONAL URDU UNIVERSITY Gachibowli, Hyderabad, Telangana-500032 (India)

## Certificate

This is to certify that the Dissertation entitled "Transaction Analysis on Ethereum Network Using Machine Learning: A Proposed System" submitted by Mahmooda Khatoon bearing Enrollment No.: A200049 in partial fulfillment of the requirements for the award of Master of Technology in Computer Science Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by her under my supervision.

The results presented in this report have been verified and are found to be satisfactory. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any other degree or diploma.

Khaleef Almoret

Supervisor Signature



## मौताना आज़ाद नेशनत उर्दू यूनिवर्शिटी مولانا آ زاد प्रांची गेर्ट्स केशनत उर्दू यूनिवर्शिटी مولانا آ زاد प्रांची गेर्ट्स केशनत अवस्थित अवस्थित



कंप्यूटर विज्ञान और सूचना प्रौद्योगिकी विभाग रोधीए हैं अर्थे होंगे होंगे के प्रयूटर विज्ञान और सूचना प्रौद्योगिकी विभाग हैंगे होंगे होंगे के Department of Computer Science & Information Technology

### **CERTIFICATE**

This is to certify that dissertation report entitled "FINGER PRINT IDENTIFICATION FOR CRIME DETECTION" submitted by MOHD SAQIB bearing Roll No 20MTCS009HY in partial fulfilment of the requirements for the award of Master of Technology (CS) Degree during 2020-2022 at the School of CS&IT is an authentic work carried out by him under my guidance and supervision.

The results presented in this report have been verified and are found to be satisfactory.

Signature of the Supervisor

Head, Department of CS&IT

·6.10. 20LV

#### MAULANA AZAD NATIONAL URDU UNIVERSITY Gachibowli, Hyderabad-500032

#### Certificates

This is to certify that Dissertation entitled "TEXT RECOGNITION AND TEXT TO SPEECH CONVERSION ON SCENE IMAGE" submitted by Mohd Sultan bearing Enrollment No. A165062 in partial fulfillment of the requirements for the award of Master of Technology (Computer Science) Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him/her under my supervision.

The results presented in this report have been verified and are found to be satisfactory. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any other degree or diploma.

Supervisor Signature

Head,



## मौलाना आज़ाद नेशनल उर्दू यूनिवर्सिटी مولانا آزاد प्रक्षें

Central University, Ministry of Education, Govt. of India) (Accredited Grade "A" by NAAC)



Department of Computer Science & Information Technology

## Certificate

This is to certify that Dissertation entitled "Prediction of ncRNA from RNA-Seq Data using Machine Learning techniques" submitted by FAROZA SHAMSHEEM bearing Enrollment No. A200051 in partial fulfillment of the requirements for the award of Master of Technology (Computer Science) Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him/her under my supervision.

The results presented in this report have been verified and are found to be satisfactory.

09/01/2023

Supervisor Signature

Department of CS&IT

## MAULANA AZAD NATIONAL URDU UNIVERSITY Gachibowli, Hyderabad, Telangana-500032 (India)

## Certificate

This is to certify that the Dissertation entitled "Detection of malicious Hyperlinks Using Machine Learning: A Proposed System" submitted by Mohammad Minsar bearing Enrollment No.: A166419 in partial fulfillment of the requirements for the award of Master of Technology in Computer Science Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him under my supervision.

The results presented in this report have been verified and are found to be satisfactory. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any other degree or diploma.

Supervisor Signature

Head
Department of CS&IT

16.09.2022

### **Certificate**

This is to certify that Dissertation entitled "Crop disease identification using ensemble of deep learning models" submitted by Mohd Adil Fazal Mubeen bearing Enrollment No. A200771 in partial fulfillment of the requirements for the award of Master of Technology (Computer Science) Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him/her under my supervision.

The results presented in this report have been verified and are found to be satisfactory.

Supervisor Signature

Head

## MAULANA AZAD NATIONAL URDU UNIVERSITY

Gachibowli, Hyderabad, Telangana-500032 (India)

## Certificate

This is to certify that Dissertation entitled "Crop Recommendation Model using Machine Learning in Smart Farming" submitted by MD TANWEER ALAM bearing Enrollment No. A200808 in partial fulfillment of the requirements for the award of Master of Technology (Computer Science) Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him/her under my supervision.

The results presented in this report have been verified and are found to be satisfactory.

Supervisor Signature

Head

## MAULANA AZAD NATIONAL URDU UNIVERSITY Gachibowli, Hyderabad, Telangana-500032 (India)

## Certificate

This is to certify that Dissertation entitled Handwritten Hindi Character Recognition using Multiple Classifiers in Machine Learning submitted by MD ZIAUL HAQUE bearing Enrollment No. A171138 in partial fulfillment of the requirements for the award of Master of Technology (Computer Science) Degree during 2020-2022 at the Department of Computer Science & Information Technology is an authentic work carried out by him under my supervision.

The results presented in this report have been verified and are found to be satisfactory. The results embodied in this dissertation have not been submitted to any other University or Institute for the award of any other degree or diploma.

Supervisor Signature

Head
Department of CS & IT