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CERTIFICATE

This is to certify that the project report entitled" DETECTION OF THYROID DISORDERS USING MACHINE LEARNING APPROACH " is a Bonafidework carried out by Ch Mehera (21MQ1A0508), B Bhavani (21MQ1A0504), J Nanachariah (21MQ1A0547), P Hari Sai (22MQ5A0508). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada . The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJECT GUIDE

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CERTIFICATE

This is to certify that the project report entitled "SECURE DIGITAL BANKING INTEGRATING DJANGO FOR FINANCIAL CONNECTIVITY AND FRAUD DETECTION USING ML" is a bonafide work carried out by M Ramya Sree (21MQ1A0515), Ch Nagendra (21MQ1A0597), K Gowthami (21MQ1A0572), V.Emmaneuyulu (20MQ1A05A6). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada .The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJEC

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This is to certify that the project report entitled "INTRUSION DETECTION SYSTEM USING MACHINE LEARNING" is a bonafide work carried out by T.Lavanya(21MQ1A0531), M.Rajitha (21MQ1A0521), K.Sai Siva Akhil (21MQ1A05A7), L.Pavan Kumar (21MQ1A0551). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B.Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada. The results embodied in this projet report have not been submitted to any other University or Institute for the award of any degree or diploma.

M. Plalanth PROJECT GUIDE

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This is to certify that the project report entitled "Time series forecasting and modeling of food demand supply chain using regression" is a bonafide work carried out by M. Vaishnavi (21MQ1A0584), P. Roja (22MQ5A0503), P. Jithendra Vijay Kumar (21MQ1A0555), A. Deshik Babu (21MQ1A0537) under the guidance and supervision, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (B.Tech) in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

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CERTIFICATE

This is to certify that the project report entitled "PANCREATITIS DISEASE CLASSIFICATION USING DEEP LEARNING" is a bonafide work carried out by V.Anitha (21MQ1A0533), K.Hemanth Raju (21MQ1A05A5), M.Pavan Sai Kumar (22MQ5A0515),K.Anusha (22MQ1A0501). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada . The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma

Ch. Swelt PROJECT GUIDE

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CERTIFICATE

This is to certify that the project report entitled "EDA OF VEHICLE INSURANCE USING RM AND XGBOOST CLASSIFIER" is a bonafide Work carried out by P. BabyAnjali (21MQ1A0523), M. Bindu Sai Sree(21MQ1A0566), D. Jayanand(21MQ1A0543), K.D.S. Vaishnavi(21MQ1A0581). Under the guidance and Supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada .The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

MD. AMEER RAZA M.Tech, B.Tech

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This is to certify that the project report entitled "ENHANCING CRYPTOCURRENCY PRICE PREDICTION USING MACHINE LEARNING TECHNIQUES" is bonafide work carried out by B. Lokesh (21MQ1A05C0), J. Harshitha (21MQ1A0574), K. Soniya (21MQ1A0589), P. Krishnasai (21MQ1A05B1). Under the guidance and supervision in partial fulfilment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

P. Stole.
PROJECT GUIDE

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This is to certify that the project report entitled "DETECTION OF RANSOMWARE USING MACHINE LEARNING" is a Bonafide work carried out by Uzma Afreen(21MQ1A0591), Dasari Navya(21MQ1A0568), Sai Chandu (21MQ1A05A8), Vaddi Sivakanth(21MQ1A0559). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada . The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

K.Bindu Priz PROJECT GUIDE

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This is to certify that the project report entitled" BANK CUSTOMER IN-ACTIVE PREDICTION DATA ANALYSIS USING MACHINE LEARNING " is a Bonafide work carried out by Ch.Harinadh (21MQ1A0538), T.Shiva Naga Parvati (21MQ1A0590), K Maheswari (21MQ1A0576), M Konda babu (21MQ1A0552). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada . The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJECT GUIDE

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This is to certify that the project report entitled "WEB VULNERABILITY DETECTION USING MACHINE LEARNING" is a bonafide work carried out by Appala. Hima Varshini Sai (21MQ1A056), Prathi Dhaswanth Nag(21MQ1A0556), M.Ankitha(21MQ1A0582), P.N.V.S.Rohith (21MQ1A0554). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree B.Tech in Computer Science and Engineering from Jawaharlal Nehru Technologic University, Kakinada. The results embodied in this projet report have not been submitted to any oth University or Institute for the award of any degree or diploma.

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This is to certify that the project report entitled "SALES-XP SMART SALE COMMISION & PERFORMANCE TRACKING" is a Bonafide work carried out by B. Prathyusha (21MQ1A0506), K. Soniya (21MQ1A0575), S. Ganesh (21MQ1A05B3) A.Devi sri sai prasad (21MQ1A0535) Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada .The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

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This is to certify that the project report entitled "ATMOSPHERE POLLUTION DETECTION USING SKY IMAGES " is a Bonafide work carried out by P. Jahnavi (21MQ1A0525), P. Bhavana (21MQ1A0586), J.V.S.N.V. Manikanth (21MQ1A0599), M. Ramesh (22MQ5A0507). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

5. Stivilla PROJECT GUIDE

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This is to certify that the project report entitled "Android malware Detection Using Machine Learning" is a bonafied work carried out by V.Hemalatha(21MQ1A0592), Ch.Lakshmi Sriram(21MQ1A0539), K.N.V.S.GeethaSri(21MQ1A0579), K.Saiprem(21MQ1A05A4).

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This is to certify that the project report entitled "DRIVER DROWSINESS MONITORING SYSTEM USING VISUAL BEHAVIOUR AND MACHINE LEARNING" is bonafide work carried out by K. Sneha Durga (21MQ1A0578), G. Subramanyeswarao (21MQ1A0598), K. Gamya sri (21MQ1A0580), P. Siva udaya raja (21MQ1A0557). Under the guidance and supervision in partial fulfilment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

PROJECT GUIDE

N. Anil Kumar B.Tech., M.Tech. Associate Professor HEAD OF THE DEPARTMENT

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This is to certify that the project report entitled "AI and Machine Learning-Based Online Examination Proctoring System" is a bonafide work carried out by Y. Sai Supraja (21MQ1A0594), P. Harshitha (21MQ1A058), Sk. Arif Ahmed (21MQ1A05B4), and S. Harsha Vardhan (21MQ1A0558) under the guidance and supervision, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology (B.Tech) in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada. The results embodied in this project report have not been submitted to any other university or institute for the award of any degree or diploma.

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This is to certify that the project report entitled "FLOOD FORECASTING USING MACHINE LEARNING" is a bonafide work carried out by T.Pujitha (21MQ1A0532), P.Pavan Kumar (21MQ1A05B0), G.V.V.N.S.Karthik (21MQ1A0545), K.Susmitha (21MQ1A0577). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B.Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada. The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

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CERTIFICATE

This is to certify that the project report entitled "AIR QUALITY

INDEXING USING LSTM-OPTIMIZED EXTREME LEARNING MODEL" is a bonafide work carried out by B.Indrani(21MQ1A0502), J.Prabhudas(22MQ5A0513), M.Ankitha (21MQ1A0595), K.Aditya Sri Karthik(21MQ1A0550). Under the guidance and supervision inpartial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada . The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

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This is to certify that the project report entitled "PEOPLE COUNTING SYSTEM BASED ON HEAD DETECTION USING FASTER R-CNN" is a Bonafide work carried by MD.AFREEN(21MQ1A0519),B.DAKSHINYA(21MQ1A0563),G.MOHITHA(21MQ1A0570).Und er the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada .The results embodied in this project report have not been submitted to any other University or Institute for the award of any degree or diploma.

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