

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY**

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Nandamuru, Pedana(M)-521369, Krishna Dist., Andhra Pradesh.

**2020-2024**



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**CERTIFICATE**

This is to certify that the project report entitled **"MEDICINE IDENTIFICATION FOR BLIND PEOPLE BY DEEP LEARNING TECHNIQUES"** is a bonafide work carried out by **M. SUPRIYA (20MQ1A0573), V. N V S NISHANTH (20MQ1A0552), G. DIVYA (20MQ5A0563), MD. APSAR (21MQ5A0518)** Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of **B. Tech** in Computer Science 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. Mary*  
**PROJECT GUIDE**

**Ch. Mary**  
B.Tech, M.Tech  
**Assistant Professor**

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**HEAD OF THE DEPARTMENT**

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**Professor & HOD**

*B.V. Rao*  
**EXTERNAL EXAMINER**

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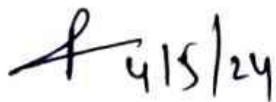
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This is to certify that the project report entitled "INSIGHT ON HUMAN ACTIVITIES USING DEEP LEARNING APPROACHES" is a bonafide work carried out by **VENNA TEJOVATHI LAKSHMI** (20MQ1A0584), **ANAGANI ABHINAY** (20MQ1A0535), **PITCHUKA DEVI NAGA SRI** (20MQ1A0527). Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science 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 "**FINGER PRINT RECOGNITION AND VERIFICATION USING FOURIER DOMAIN FILTERING AND HISTOGRAM EQUALIZATION TECHNIQUES**" is a Bonafide work carried out by **GUNDARAPU SAI TEJA KUMARI(21MQ5A0513), KARE LAKSHMI (20MQ1A0568), JONNALAGADDA HARIKA (20MQ1A0513), BURLA SRINU (20MQ1A0588)** Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of B. Tech in Computer Science 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 "**Machine Learning Approaches For Identifying Social Media Bullying**" is a bonafide work carried out by **MD. HASEENA (20MQ1A0575), P. SRI DHANYA (20MQ1A0577), N. SUDARSHAN (20MQ1A0599), M. N. VIJAYA KUMARI (20MQ1A0522)**. Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of **B. Tech** in Computer Science 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 “Covid-19 Related Sentiment Analysis on Twitter Data Using Machine Learning Based Technologies” is a bonafide work carried Out By GUTTI MEDHASWI (21MQ5A0514), BODASINGU VANI (20MQ1A0556), PATTAPUASHAJYOTHI (20MQ1A0578), and SAYYAID KHAJA MOHIDDEN(21MQ5A0519). Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of **B.Tech in Computer Science 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 "**DRIVER DROWSINESS DETECTION USING AI TECHNIQUES**" is a bonafide work carried out by **KANAKAM DURGA BHAVANI (20MQ1A0567)**, **KRUTHIVENTI LAXMI SIVANI (20MQ1A0570)**, **KURAPATI VENKATA NAGA CHANDRA SEKHAR (20MQ1A0546)**, **RAJULAPATI HEMANTH MADHAV (20MQ1A05A2)**. Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of **B. Tech** in Computer Science 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 "**A Fresh Look at ML Approaches for Website Authentication**" is a bonafide work carried Out By **K.SREE VAMSI(20MQ1A0595), D.PAVANI(20MQ1A0510), K.NAGAAVINASH(20MQ1A0594), V.YASASWI LAKSHMI PADMAJA (20MQ1A0585)**. Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of **B.Tech in Computer Science 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. Shamsheer*  
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**MD. SHAMSHEER**  
**M.Tech**  
**Assistant Professor**

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This is to certify that the project report entitled **"IMPROVING AMAZON EC2 SPOT INSTANCES PRICE PREDICTION USING MACHINE LEARNING ALGORITHM"** is a bonafide work carried out by **G.CHISHMA (20MQ1A0561), P.D.V.K.PADMAVATHI (20MQ1A0528), K.REETHIKA (20MQ1A0569), A. CHANDRA SEKHAR (20MQ1A0534)**. Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of **B. Tech** in Computer Science & 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.

*M. Prasanthi*  
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**M. Prasanthi**  
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*B.V.K.*  
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This is to certify that the project report entitled " 5G-SMART PERSONALISED TREATMENT FOR DIABETES WITH HEALTHCARE" is a bonafide work carried out by V.Akash(20MQ1A05A5),Ch.Keerthana(20MQ1A0558),L.Madhu Suma Sri (20MQ1A0519),V.Sai Madhu Sri Harsha(20MQ1A0553).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 "**SMART HEART- HEART DISEASE FORECAST USING MACHINE LEARNING**" is a bonafide work carried out by **D.GAYATHRI(20MQ1A0559),L.HEMASUNDHAR(20MQ1A0596),B.K.HARSHITHA (20MQ1A0505), A. PAVITHRA (20MQ1A0555)**. Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of **B.Tech** in Computer Science 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 "**SKIN CANCER CLASSIFICATION USING CNN**" is a bonafide work carried out by **A. SHAMSHAD (20MQ1A0501), V. SREEYA GAYATRI (20MQ1A0583), P. DOONDI VINAYENDRA (20MQ1A05A0), J. BALA NAGA SAI (21MQ5A0506)**. Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of **B. Tech** in Computer Science 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**

**Md. Ameer Raza**  
M. Tech

**Assistant Professor**

  
**HEAD OF THE DEPARTMENT**

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This is to certify that the project report entitled "**Identification Of Offence Hotspot Using Random Forest Algorithm**" is a bonafide work carried Out By V. KALYANI(20MQ1A0582), G. PUJITHA SAI(20MQ1A0560), CH. RAHUL(20MQ1A0589), K. LAKSHMI SYAMALA(20MQ1A0518). Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of B.Tech in Computer Science 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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B. Tech, M. Tech, Ph. D  
Professor & Principal

  
**HEAD OF THE DEPARTMENT**

**Dr. G. SYAM PRASAD**  
B. Tech, M. Tech, Ph. D  
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This is to certify that the project report entitled "**Pen Stroke Digit Recognition Using CNN**" is a bonafide work carried Out By **N. CHANDANA(20MQ1A0576), J. SAI DURGA (20MQ1A0512), P. POOJA NAGA SYAMALA SOMA SRI(20MQ1A0579), G. DHANA SURYA RAJA(20MQ1A0591)**. Under my guidance and supervision in partial fulfillment of the requirements for the award of degree of **B.Tech in Computer Science 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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**B.tech, M.Tech, Ph.D**

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This is to certify that the project report entitled entitled **"RISK PREDICTION OF CRYPTO CURRENCY USING MACHINE LEARNING"** is a bonafide work carried out by **E. Sruthi Bhavani (20MQ1A0511), Haleema Bee (20MQ1A0565), A.D.V.S. Sai Teja(20MQ1A0586), R. Abdul Meeraz (20MQ1A05A1)**. Under the guidance and supervision in partial fulfilment of the requirements for the award of degree of B.Tech in Computer Science 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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**S. V. C. Gupta**  
B. Tech, M. Tech  
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**HEAD OF THE DEPARTMENT**  
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**CERTIFICATE**

This is to certify that the project report entitled "**Developing the framework using deep neural network for detection of spam and fake spam messages in twitter**" is a bonafide work carried **T.ANUSHA(20MQ1A0580), N.DURGA PRASAD(20MQ1A0598), M.BALA MANIKANTA (20MQ1A0597), B.SWATHI(20MQ1A0557).** Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of **B.Tech** in Computer Science 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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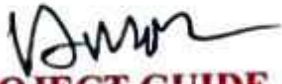
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**CERTIFICATE**

This is to certify that the project report entitled **"FIRE DETECTION SYSTEMS USING FEATURE ENTROPY GUIDED NEURAL NETWORK"** is a bonafide work carried out by **ITVVSNS PRAVALLICA(20MQ1A0566), K.PUJITHA (20MQ1A0515), D.NANDHINI LAKSHMI (20MQ1A0509), S.PREETHAM (20MQ1A05A3)**. Under the guidance and supervision in partial fulfillment of the requirements for the award of degree of **B. Tech in Computer Science 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 thesis entitled " **STOCK PRICE PREDICTION AND ANALYSIS USING DEEP LEARNING**" is being submitted by **Mekala Gayatri Devi Sai Kumari(20MQ1A0574),Mathi Kavya Sri(21MQ5A0515),Angati Ravi Sri Sai Kumar(21MQ5A0504), Golleru Anusha(20MQ1A0564).**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** is a record of bonafide work carried out by them at **Sri Vasavi Institute of Engineering and Technology**. 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**

**Sri MD.AHMED,**  
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