


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



**CERTIFICATE**

This is to certify that the project entitled “**OBJECT DETECTION WITH DEEP LEARNING**” being submitted by **G.PRANAY KUMAR (197R1A0513)**, **B.RANJITH KUMAR (197R1A0504)** & **B.NAGAMANI KUMAR (197R1A0502)** in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**Dr.PUNYABAN PATEL**  
(Professor)  
INTERNAL GUIDE



**Dr. A. Raji Reddy**  
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**Dr. K. Srujan Raju**  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on

29/11/2022



## CERTIFICATE

This is to certify that the project entitled "DECENTRALIZATION AND SECURITY ISSUES IN BLOCKCHAIN ENABLED INTERNET OF THINGS" being submitted by CH. BHAR GAV SANKAR (197R1A0509) in partial fulfilment of the requirements for the award of the degree of B.Tech in **Computer Science and Engineering** to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafied work carried out by them under our guidance and supervision during the year 2022-2023. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

A. Kiran Kumar  
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EXTERNAL EXAMINAR


Submitted for viva voice Examination held on 29/11/2022


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



This is to certify that the project entitled "STUDENT RESULT MANAGEMENT SYSTEM" Being submitted by B.SAI CHARAN(197RIA0506) , M. SIVA YAMINI (197RIA0537) , R. RAKSHITH(197RIA0547) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of Bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. Punyaban Patel  
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CERTIFICATE

This is to certify that the project entitled "INVENTORY MANAGEMENT SYSTEM USING QR CODE APPLICATION" being submitted by B.SAI ADARSH(197R1A0503),P .HARI PRASAD(197R1A0544),S.SOUNDHARYA(197R1A0549) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Dr.K.Maheswari  
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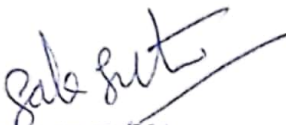
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "HEART DISEASE PREDICTION USING MACHINE LEARNING ALGORITHMS" being submitted by KUMMARI SAIKIRAN (197R1A0523), T.NAVEEN(197R1A0552) & NAGA PRANAV(197R1A0540) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

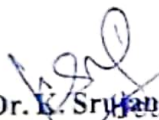
The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
SABA SULTANA  
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## CERTIFICATE

This is to certify that the project entitled "LOAN RISK PREDICTION USING MACHINE LEARNING" being submitted by A.PRASHANTH KUMAR (197RIA0801), M. JOHNWESLEY (197RIA0530) & CH. ABHINAV (197RIA0510) in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of Bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Dr. A. Prabhu  
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CERTIFICATE

This is to certify that the project entitled "SMART ATTENDANCE SYSTEM USING FACE RECOGNITION" being submitted by T. SAI PRANEETH (197RIA0553), MOHAMMED RAFI (197RIA0532) & JUKANTI SUMITH (197RIA0517) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis 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 entitled "JIT SUPPLY CHAIN - TO PREDICT STOCKOUTS" being submitted by Movva Abhilash (197RIA0535) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of sincere and hard work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Naresh Kumar  
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EXTERNAL EXAMINER

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## CERTIFICATE

This is to certify that the project entitled "CREDIT CARD FRAUD DETECTION SYSTEM" being submitted by N. SAI KIRAN REDDY (197R1A0538), MOHAMMED SAMAD (197R1A0533) & CHALLA RAMBABU (197R1A0508) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "App Development" being submitted by CH.LIKITHAREDDY(197R1A0507),Y.MADHU VARSHINI(197R1A0555), Y.ANUSIYA (197R1A0556) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022- 2023.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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Submitted for viva voice Examination held on 29/11/2022


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE


This is to certify that the project entitled "MOVIE RECOMMENDATION SYSTEM WITH COLLABORATIVE FILTERING USING KNN" being submitted by SANTHOSH KUMAR KARAMTHOT (197R1A0520), RUCHITHA KEERTHI (207R5A0505) & NEELLIMA KURUMULA (207R5A0502) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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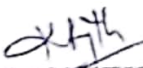
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "CREDIT CARD FRAUD DETECTION USING PREDICTIVE MODELLING" being submitted by G. PRAVALIKA (197R1A0514), J.ANUSHA (197R1A0515) & J.SRIKAR (197R1A0516) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this project have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**K.RANJITH REDDY**  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 22/11/22.


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "CHATBOT FOR CMR HOSPITAL" being submitted by MANISH KUMAR (197R1A0550), SUBHAM SAMANTA (197R1A0550), SUBHASHISH NAIK (197R1A0551) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022- 23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 29/11/2022



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled “The Personalization of Classification Models for Human Activity Recognition” being submitted by Yash Raj Varma (197R1A0558), Savvana Mohan(197R1A0534) and Mahindrakar Sourabh (197R1A0528) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or institute for the award of any degree or diploma.

Ms. Tabeen Fatima

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EXTERNAL EXAMINER

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "DETECTION OF MALICIOUS SOCIAL BOTS USING LEARNING AUTOMATA WITH URL FEATURES FROM TWITTER" being submitted by Madhuketan Palakurthy (197R1A0527), Prithvi Ramakrishna (197R1A0545) and Rohith Choudhary(197R1A0546) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or institute for the award of any degree or diploma.

Dr. Somasekhar . G

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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 29-11-2022



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



This is to certify that the project entitled “Cyber Threat Detection Using Machine Learning Techniques” being submitted by **Konda Likith Sai Krishna (197R1A0522)**, **S. Harshavardhan Rao (197R1A0548)**, **V.Sai Kumar (197R1A0554)** in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022- 23. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

*M. U. Sunitha*

**M.Sunitha**

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Submitted for viva voice Examination held on

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "DETECTION OF CYBER ATTACKS USING MACHINE LEARNING" being submitted by N.SHANMUK (207R5A0501), N.VAMSI KRISHNA (207R5A0506) & G.YNLN KESHAV RAO (207R5A0508) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Ch. Rekha  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 29/11/2022





CERTIFICATE

This is to certify that the Mini Project-1 report entitled "STOCK MARKET TRENDS PREDICTION" being submitted by Sai Hemanth(197R1A0525), Oddem Sai Kumar(207R5A0504) & Adarsh Rander(207R5A0507) in partial fulfillment for the award of Bachelor of Technology in Computer Science and Engineering is a record of bonafide work carried out his/her under my guidance and supervision.

The results embodied in this project report have not been submitted to any other University or Institute for the award of any Degree

*G. Madhukar*

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EXTERNAL EXAMINER

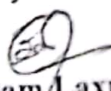
29/11/22

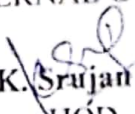



## CERTIFICATE

This is to certify that the project entitled "ANALYZING CUSTOMERS PERSONALITY FOR BUSINESS IMPROVEMENT USING MACHINE LEARNING" being submitted by NEELAM PRIYANSHAI(197RIA0539), PASUMARTHI PRASHANTHI(197RIA0542), and ZEBA UNNISSA(197RIA0500) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. Bagam Laxmaiah  
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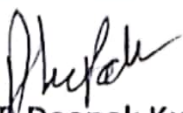
  
Dr. A. Raji Reddy  
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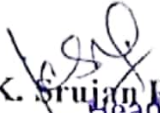
Submitted for viva voice Examination held on 29-11-2022

CERTIFICATE



This is to certify that the project entitled "Data Rating Review Analysis and Predicting Ratings Using Reviews" being submitted by Yogitha Sree Annangi (197R1A0559), Deverakonda Veena Laxmi Gayatri (197R1A0511), Yarlagadda Chandana Sri (197R1A0557) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23. The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
B.P. Deepak Kumar  
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Submitted for viva voice Examination held on 29-11-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled “An Approach for Prediction of Loan Approval using Machine Learning Algorithm” being submitted by PETTAM NIKHIL(207R5A0503) & KYADASI LOKESH(197R1A0524) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

A.Kiran kumar  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on \_\_\_\_\_

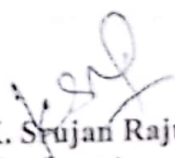




## CERTIFICATE

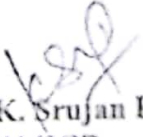
This is to certify that the project entitled "FACE MASK DETECTION USING DEEP LEARNING AND OPENCV" being submitted by B. HEMANTH NAIDU(197R1A0505), GANJI PALLAVI(197R1A0512) & P.VISHALA REDDY(197R1A0543) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.


  
Dr. K. Srujan Raju  
( Professor )  
INTERNAL GUIDE

  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 29/11/2022


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

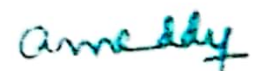
This is to certify that the project entitled "FAKE ACCOUNT DETECTION ON SOCIAL MEDIA USING MACHINE LEARNING" being submitted by K. ANJALI (197R1A0518) & BINDHU KOMMU(197R1A0521) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

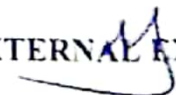
The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
G. POORNIMA  
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INTERNAL GUIDE

  
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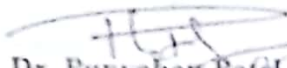
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE


This is to certify that the project entitled "A NEW PERSPECTIVE IN OBJECT DETECTION USING CLOUD COMPUTING" being submitted by M. VINILA (197R1A0526), M. KISHORE (197R1A0531), P. AKSHAYA (197R1A0541) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. Punyabati Patel *11.20.22*  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 29-11-2022





DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "AUTOMATIC HTML CODE GENERATION FROM MOCK-UP IMAGES USING MACHINE LEARNING TECHNIQUES" being submitted by M.CHANDANA (197R1A0536) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Sanjana Nazare  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

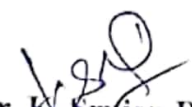



**CERTIFICATE**

This is to certify that the project entitled “AUTONOMOUS TRAJECTORY-PLANNING AND ORBIT-INJECTION STRATEGY OF THE LAUNCH VEHICLE DUE TO ROCKET MOTOR FAILURE CONDITIONS” being submitted by **K. AASHRITHA (197R1A0519)** in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

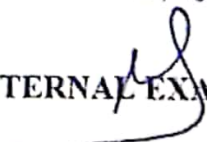
The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**J. Narasimharao**  
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**Dr. K. Srujan Raju**  
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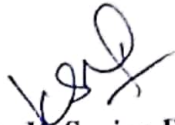
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## CERTIFICATE

This is to certify that the project entitled "COMPETITIVE PROGRAMMING ASSIGNMENT MANAGEMENT USING WEB HARVESTING." being submitted by NARUKULLA CHARAN (197R1A0594) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by him under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. K. Srujan Raju  
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Hyderabad-501 401  
Submitted for viva voice examination held on 28-11-2022

  
EXTERNAL EXAMINER



## CERTIFICATE

This is to certify that the project entitled as "USED CAR'S PRICE PREDICTION USING MACHINE LEARNING WITH PYTHON" is submitted by G. SHRIYA (197R1A0576), P. DIVYA (197R1A0597) AND V. VANI (197R1A05B4) in partial fulfillment of the requirements for the award of the degree of B. Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by him/her under our guidance and supervision during the year 2022 – 2023.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**V.NARESH KUMAR**  
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Hyderabad-501 401

EXTERNAL EXAMINER

Submitted for viva Examination held on

28/11/2022


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




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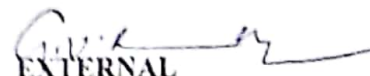
This is to certify that the project entitled "GPS BASED ATTENDANCE SYSTEM" being Submitted by K. VANDANA (197RIA0586), U. AKILANDESHWARI (197RIA05B1) & Y. NITISHA (197RIA05C0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. Raj Kumar Patra  
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Submitted for viva voice Examination held on 28-11-2022





CERTIFICATE


This is to certify that the project entitled "ROAD SIGN RECOGNITION SYSTEM FOR SEMI-AUTONOMOUS VEHICLES USING RASPBERRY Pi" being submitted by CHAPPIDI GAYATHIRI (197RIA0572), K.ANITHA KUMARI (197RIA0582), Y.SUMAGNA (197RIA05B9) in partial fulfillment of the requirements for the award of the degree of B. Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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EXTERNAL

EXAMINER

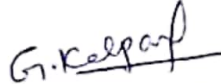
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## CERTIFICATE

This is to certify that the project entitled “**DROWSINESS DETECTION SYSTEM**” being submitted by **B. PRAKASH (197R1A0566)**, **V. SAI VISHRUTH (197R1A05B6)** & **S. SREEKARAN (197R1A05A6)** in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**G.KALPANA DEVI**  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28/11/2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "COMPARISION OF CLASSIFICATION MODELS IN PEDICTING GRADUATE ADMISSION DECISION" being submitted by B. VENKATA VAMSI KRISHNA(197R1A0564), KAMMARI RYAGNIRVESH(197R1A0584), POTHARAJU MAHESH(197R1A0598) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

*K. Shilpa*  
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*G. V. K.*  
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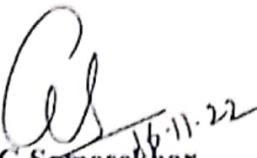
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project entitled "ANDROID APPLICATION ON PLANT LEAF DISEASE DETECTION USING MACHINE LEARNING " being submitted by B. KARTHIK (197R1A0570) C. RAHUL RAO (197R1A0571) & U. SRIKANTH (197R1A05B2) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
16.11.22  
**Dr. G. Somasekhar**  
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Submitted for viva-voce Examination held on 28/11/22

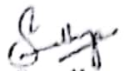
  
**Dr. A. Raji Reddy**  
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EXTERNAL EXAMINER



CERTIFICATE


This is to certify that the project entitled "A MACHINE LEARNING METHODOLOGY FOR PREDICTING CHRONIC KIDNEY DISEASE" being submitted by CHILAKALA DAVID (197R1A0573), KALERU LIKHITHA (197R1A0583), PATLOLLA RUCHITHA (207R5A0509) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by him/her under our guidance and supervision during the year 2022-23.

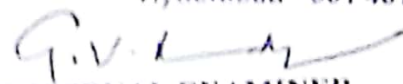
The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
D. Sandhya Rani  
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EXTERNAL EXAMINER

Submitted for viva voce Examination held on 23/11/2022.

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CERTIFICATE

This is to certify that the project entitled "OBJECT DETECTION USING DEEP LEARNING" being submitted by A. VINAY (197RIA0561), J. SAHITHI (197RIA0580) & M. NAVEEN (197RIA0589) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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Dr. K. Malleswari  
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Submitted for viva voice Examination held on 28-11-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "CROP YIELD PREDICTION USING MACHINE LEARNING TECHNIQUES" being submitted by B.SAMPATH KUMAR (197R1A0568), R.SAISUDHA(197R1A0599), R.CHANDRASHEKAR(197R1A05A0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of Bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**G.VIJAY KUMAR**  
(Assistant Professor)  
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**EXTERNAL EXAMINER**

Submitted for viva voice Examination held on 28-11-2022



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

is to certify that the project entitled "ONLINE VEHICLE PARKING RESERVATION SYSTEM" being submitted by A.JAGRUTHI(197R1A0562), A.SAISAMEEKSHIA(197R1A0563) & M.SRIJA(197R1A0588) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University, Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

*K. Shilpa*  
14/11/22  
K. SHILPA  
Assistant Professor)  
INTERNAL GUIDE

*A. Raji Reddy*  
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*K. Srujan Raju*  
Dr. K. SRUJAN RAJU  
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*G. V. R.*  
EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28-11-2022



## CERTIFICATE

This is to certify that the project entitled "DEEP LEARNING APPLICATIONS IN MEDICAL IMAGE ANALYSIS BRAIN TUMOR" being submitted by B.THANMAYA(197R1A0569),V.RANJITH(197R1A05B7),V.ASHWIK(197R1A05B8) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**Dr.G.Madhukar**

(Associate Professor)

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**Dr. K. Srujan Raju**

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Kandlakoya (V), Medchal (M)

Submitted for viva voce Examination held on 28-11-22

**Dr. A. Raji Reddy**

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EXTERNAL EXAMINER



CERTIFICATE

This is to certify that the project entitled "MEDDOC'S ANDROID APPLICATION USING JAVA" being submitted by SAI KEERTHANA T (197R1A05A4), MATHEW PRABHAKAR (207R5A0510) & ANRITHA VENKATA KAMALA (197R1A05B0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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Dr. Prabhu A  
(Associate Professor)  
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EXTERNAL EXAMINER

Submitted for viva voce Examination held on 5-11-2022



## CERTIFICATE

This is to certify that the project entitled "AUTOMATIC HTML CODE GENERATION FOR MOCK-UP IMAGES USING MACHINE LEARNING TECHNIQUES" being submitted by B. DIVYA (197R1A0565), B. ARUN(197R1A0567) & G. AKSHAY KUMAR(197R1A0577) in partial fulfillment of the requirements for the award of the degree of B. Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022- 23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

G. Lavanya

(Assistant Professor)

INTERNAL GUIDE

Dr. K. Srujan Raju

HOD

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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28-11-2022



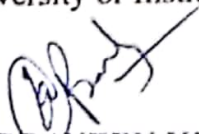
# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




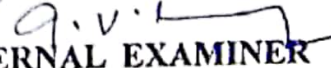
## CERTIFICATE

This is to certify that the project entitled "A BLOCK CHAIN E - VOTING" being submitted by MD VAHEED (197R1A0591) , MUDASSAR AHMED KHAN (197R1A0593) & MD ABDUL RAHMAN (207R5A0511) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**K. PRAVEEN KUMAR**  
(Assistant Professor)  
INTERNAL GUIDE

  
**Dr. K. Srujan Raju**  
HOD

  
**Dr. A. Raji Reddy**  
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Kandlakoya (VI) road,  
Hyderabad - 501 407.  
  
EXTERNAL EXAMINER


Submitted for viva voice Examination held on 28/11/2022




## CERTIFICATE


This is to certify that the project entitled "LOCATION PREDICTION ON TWITTER USING MACHINE LEARNING" being submitted by K. SANJAY BHARGAV (197R1A0581), P. SAI GREESHMA SREE (197R1A0596) & V. MADHU BABU(197R1A05B3) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**G. VIJAY KUMAR**  
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INTERNAL GUIDE

  
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Dr. K. Srujan Raju

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Hyderabad-501 401

Submitted for viva voice Examination held on 28/11/2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project entitled " **RECOGNITION OF DIABETIC RETINOPATHY BASED ON TRANSFER LEARNING** " being submitted by **MR. RAVI TEJA (197RIA0587)**, **P. VAISHNAVI REDDY (197RIA05B5)** & **SK. IRFAN HASAN (197RIA05A7)** in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

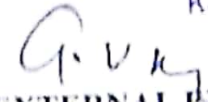
The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**Najema Afrin**  
(Assistant Professor)  
INTERNAL GUIDE

  
**Dr. K. Srujan Raju**  
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EXTERNAL EXAMINER


28-11-2022



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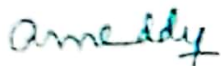
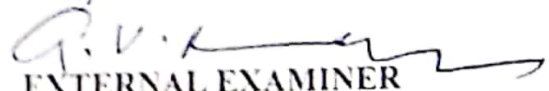
This is to certify that the project entitled "CHATBOT FOR CMRTC" being submitted by D. THIRUPATHI(197R1A0574), DASARI SIDDARTHA REDDY (197R1A0575), KOPPULA SNEHITH(197R1A0585) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Nuthanakanti Bhaskar  
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EXTERNAL EXAMINER



## CERTIFICATE

This is to certify that the project entitled "FLIGHT DELAY PREDICTION USING MACHINE LEARNING" being submitted by PAKHIL KUMAR (197R1A0595), T. PRANATI (197R1A05A9) & J. MANASA (197R1A0579) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

*K. Shilpa*  
18/11/22  
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(Assistant Professor)  
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*G. V. K.*  
EXTERNAL EXAMINER

Submitted for viva voce Examination held on 28-11-2022


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project entitled "IMOT BASED EHR&AI, ANALYTICS MAKING SMART HEALTHCARE POSSIBLE" being submitted by NAMPALLY NAVEEN(207R5A0512),MEDISHETTI RAKESH(207R5A0513),RANGU NAVEEN(207R5A0514) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. B. Laxmaiah  
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EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "WEAPON DETECTION USING YOLO" being submitted by SAINI GOVARDHAN (197R1A05A5), GADAM YASHWANTH (207R5A0515) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28/11/22



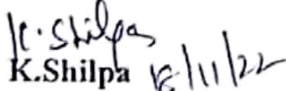
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## CERTIFICATE

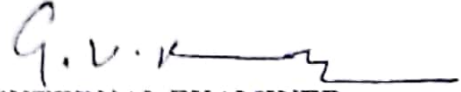
This is to certify that the project entitled "FRESHERS GUIDE WEB APPLICATION" being submitted by MOHAMMAD RIYAZ(197R1A0592) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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K. Shilpa  
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EXTERNAL EXAMINER

Submitted for viva voce Examination held on 28<sup>th</sup> Nov, 2022







## CERTIFICATE

This is to certify that the project entitled "A SMART BULB USING IOT" being submitted by ROHITH SRIRAM(197R1A05A2) PRADEEP SADURLA(197R1A05A3) & SAITEJA SINGARAM(197R1A05A8) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis 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 entitled "TRAFFIC SIGNBOARD DETECTION AND TEXT EXTRACTION" being submitted by MAHEEN FATIMA(197R1A05F4), PRARTHNA AGARWAL(197R1A05F9) & SAMA SRAVANI(197R1A05G5) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-2023.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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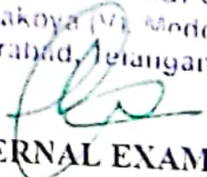
This is to certify that the project entitled “ MISSING CHILD IDENTIFICATION SYSTEM USING MACHINE LEARNING” being submitted by A. SATHVIKA GOUD (197R1A05C2), B. NANDINI (197R1A05C8), M.SUPRIYA (197R1A05F6) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this these is have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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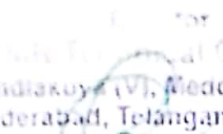
This is to certify that the project entitled " REAL TIME EMPLOYEE EMOTION DETECTION SYSTEM USING MACHINE LEARNING" Being submitted by . YALAGABOYNA.MAMATHA(197R1A05H9),KAMMARI PAVANI(197R1A05E5), RAMADI REVATHI (197R1A05G0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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Dr.T.S.Mastan Rao  
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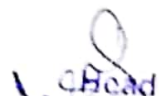
CERTIFICATE

This is to certify that the project entitled "Book Recommendation System" being submitted by RUTWIK N (207R5A0523), ASRIT RALK (207R5A0520) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022- 2023.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
G. POORNIMA  
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CERTIFICATE

This is to certify that the project entitled "FILE PIONEER" being submitted by ABHAYA VIKAS ADDANKI (197R1A05C3), A R.BIHARADW AJ (197R1A05C5) in partialfulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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J.Narasimharao

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Hyderabad, Telangana-501 401.

  
EXTERNAL EXAMINER

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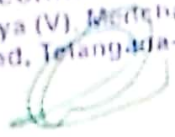
CERTIFICATE

This is to certify that the project entitled "DETECTING SHIP FROM SATELLITE IMAGERY USING DEEP LEARNING" being submitted by R.HARSHA VARDHAN SAI(197RIA05G2), V.DURGAPRASAD(197RIA05H8)& K.SRI HARSHA(197RIA05E4) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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A.UDAY KIRAN  
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EXTERNAL EXAMINER


Submitted for viva voice Examination held on 28/11/2022



## CERTIFICATE

This is to certify that the project entitled "STOCK PRICE PREDICTION USING MACHINE LEARNING" being submitted by T.PRANAY REDDY(197R1A05H1), S.NIKITHA(197R1A05G4) & SAKHILA(197R1A05G7) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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**SVSV PRASAD SANABOINA**  
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**Dr. K. Srujan Raju**  
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28/11/2022



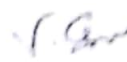
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project entitled "An efficient solution for medical emergencies" being submitted by M PAVAN KUMAR (197R1A05F7) & VADLA DHANUSH (197R1A05H5) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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SRINU VANDHANAPU  
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Submitted for viva voce examination held on 30.11.2022



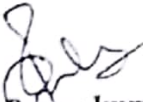
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




**CERTIFICATE**

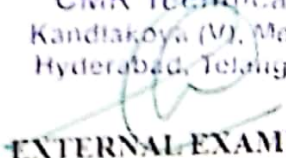
This is to certify that the project entitled "GO RIDE AN ANDROID APPLICATION DEVELOPED USING ANDROID STUDIO" being submitted by JELLA SRINU (207R5A0519) & THAKKALLAPPELLY VINEETH (207R5A0518) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**G. Pavan kumar**  
(Assistant Professor)  
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EXTERNAL EXAMINER

Submitted for viva voce Examination held on 28-11-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "DINEOUT AN ANDROID APPLICATION DEVELOPED USING ANDROID STUDIO " being submitted by GUGULOTH VINAY (207R5A0516) and MD MUSTAFA (207R5A0522) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022 - 23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree.

**K. PRAVEEN KUMAR**  
(Assistant Professor)  
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HOD

**Dr. A. Raji Reddy**  
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EXTERNAL EXAMINER

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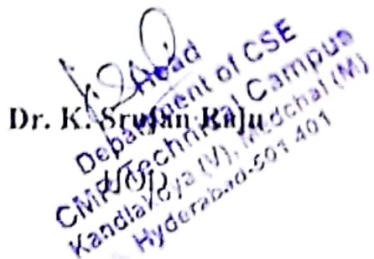
CERTIFICATE

This is to certify that the project entitled “An AI Enabled Frame Work for Non-AlcoholicFattyLiverDetection” being submitted by E.Salkiran (197R1A05D6), MadasuVBhagya Sree(197R1A05F2) & S.Vamshi(197R1A05H0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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EXTERNAL EXAMINER

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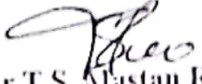
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project entitled "A FRAME WORK FOR HUMAN ACTIVITY RECOGNITION USING DEEP LEARNING " being submitted by M.SHANMUKANJALI (197RIA05G9), D.ARUN PRANEETH KUMAR (197RIA05D4), P.VARSHEEK REDDY (197RIA05H6) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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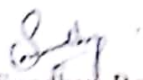
Submitted for viva voce Examination held on 28/11/22



## CERTIFICATE



This is to certify that the project entitled "WEED IDENTIFICATION USING DEEP LEARNING AND IMAGE PROCESSING IN VEGETABLE PLANTATION" being submitted by **K.REKHA(197RIA05E7)**, **MAADARSH(197RIA05F0)** & **MSRIKAR(197RIA05F1)** in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
D. Sandhya Rani  
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Submitted for viva voice Examination held on 38/11/2022

  
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EXTERNAL EXAMINER

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "Machine Learning for Web Vulnerability Detection" being submitted by A.RAHUL (197R1A05C6), B.L.V.PRASAD (197R1A05D1) & J.SHIVA PRANAV (197R1A05E1) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Dr. K. MAHESWARI  
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EXTERNAL EXAMINER

Submitted for viva voce Examination held on 24/10/23

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "A MODEL FOR BRAIN TUMOR ANALYSIS USING DEEP LEARNING" being submitted by VENKANNAGARI NIRANJAN REDDY(197R1A05H7), CHALLARAM SHARATH REDDY(197R1A05D2) & BANOTHU SRINIVAS (197R1A05D0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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EXTERNAL EXAMINER

Submitted for Viva Voice Examination held on 28/11/2022






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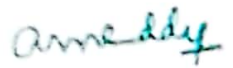
CERTIFICATE

This is to certify that the project entitled "ANALYSIS OF SOCIETY OPINION ON WOMEN SAFETY THROUGH SOCIAL MEDIA PLATFORMS" being submitted by B.SAIKUMAR(197RIA05C9),G.SRIKANTH(197RIA05E0)&J.SAINATHREDDY(197RIA05E2) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
A.Uday Kiran  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28-11-2022

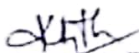
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE


This is to certify that the project entitled "DEPRESSION DETECTION USING MACHINE LEARNING" being submitted by K.SHIVANI(197R1A05E3), S. SHASHANK (197R1A05G6) & T.V.RAGHURAMSATHWIK(197R1A05H4) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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K. Ranjith Reddy  
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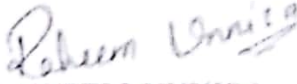
DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING




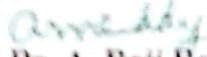
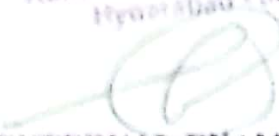
CERTIFICATE

This is to certify that the project entitled "PREDICTING CO2 EMISSIONS USING MACHINE LEARNING IN PYTHON" being submitted by K. SANJANA (197R1A05E8), B. MADHAN SAINATH REDDY (197R1A05F3) & T. SRI PRANITH REDDY (197R1A05H2) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
RAHEEM UNNISA  
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## CERTIFICATE

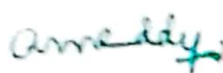
This is to certify that the project entitled "STRESS DETECTION IN IT PROFESSIONALS BY IMAGE PROCESSING AND MACHINE LEARNING TECHNIQUES" being submitted by A.VARSHINI (197R1A05C4), D.BHARGAVI (197R1A05D5) & SAVIO SONI (197R1A05G8) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. T. Subha Mastan Rao  
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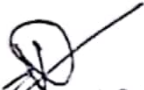
  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




This is to certify that the project entitled "CRIMINAL INVESTIGATION TRACKER WITH SUSPECT PREDICTION" being submitted by RAMAVATH RAJU (197R1A05G1), G. NAGENDRA (197R1A05D8) & M. BHANUPRASAD (197R1A05F5) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
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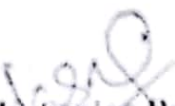
## CERTIFICATE

This is to certify that the project entitled "IMAGE BASED PLANT DISEASE PREDICTION AND ADVISING PESTICIDES: A COMPARISON OF DEEP LEARNING AND CLASSICAL MACHINE LEARNING" being submitted by A. HARSHAVARDHAN REDDY (197RIA05C1), G. ANISH (197RIA05D7) & R.S.KUNDAN (197RIA05G3), in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
M. Madhusudan  
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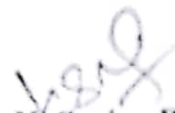



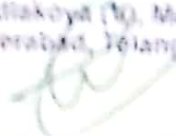
## CERTIFICATE

This is to certify that the project entitled "COMPUTER SCIENCE CAREER RECOMMENDATION USING MACHINE LEARNING" being used by P. JAGADEESH.KUMAR (197R1A05F8), L.SANTHOSH KUMAR(197R1-A05E9), D.KISHORE CHAND (197R1A05D3) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
G. Vinesh Shankar  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28-11-2022


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE


This is to certify that the project entitled "STUDENT RADAR FOR ANDROID" being submitted by **B. VIVEKANANDA (197RIA05C7)** **T. VAMSHI (197RIA05H3)** in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**Dr. K. Srujan Raju**  
(Professor)  
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Head

  
EXTERNAL EXAMINER

Submitted for viva voice Examination held on 29-11-2022.



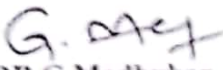
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

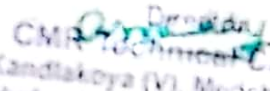



CERTIFICATE

This is to certify that the project entitled "Online System Service Center Using Javascript" being submitted by B.SAINATH (207R5A0517) AND S.RAJESH (207R5A0521) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
DR.G.Madhukar  
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EXTERNAL EXAMINER

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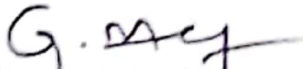
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE


This is to certify that the project entitled "B5G AND EXPLAINABLE DEEP LEARNING ASSISTED HEALTHCARE VERTICLE AT THE EDGE:COVID 19 PERSPECTIVE" being submitted by Y. SHARANYA REDDY (197R1A05J0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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Dr. G. Madhukar  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on : 28-11-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "FRAUDULENT PRODUCT DETECTION FOR DIGITAL EQUIPMENT" being submitted by SAI SINDHU DANDIBHATLA (197R1A05K4), VANGMAI KOHEDA (197R1A05P9) & GAURAV MANDAL (197R1A05L1) in partial fulfillment of the requirements for the award of the degree of B. Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other university or Institute for award of any other degree or diploma.

V. Naresh Kumar  
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Hyderabad-501 401

EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28/11/2022


# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



## CERTIFICATE

This is to certify that the project entitled "ATTENDANCE REGISTRATION USING FACE RECOGNITION" being submitted by RACHAMALLA SINDHUJA(197R1A05P4), KOTA VENKATA NIKHIL (197R1A05M1) & GODAVARTHI JASWANTH MANIKANTA VARMA (197R1A05K8) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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**B. P. DEEPAK KUMAR**  
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Submitted for viva voice Examination held on

28/11/2022


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE

This is to certify that the project entitled " A WEB-BASED PLATFORM TO ANALYSE & INSPECT OVER-ALL PERFORMANCE OF A STUDENT " being submitted by M.VEDANGANA (197RIA05N3), K.PRABHATHI (197RIA05L9) and G.ALEKHIA ((197RIA05L3) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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Mrs. D. SANDHYA RANI  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28/11/22



## CERTIFICATE

This is to certify that the project entitled "TEXT TO HTML AND CSS CODE GENERATOR" being submitted by MUCHARLA VAMSHIDHAR REDDY (197RIA05N1), DONADULA DEVENDER (197RIA05K5) and CHOUHAN BHEEM SINGH (197RIA05K2) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the CMR Technical Campus, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-2023.

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K. Ranjith Reddy  
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EXTERNAL EXAMINER  
  
28/11/22

Submitted for viva voice Examination held on 28/11/2022



## CERTIFICATE

This is to certify that the project entitled “ PREDICTION OF HEART DISEASE” being submitted by ANANYA CHOWDARY BHEEMANENI(197R1A05J6), SAI PRANAV GUNTHA (197R1A05L4) & CH. SUMANTH (197R1A05K1) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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Najeema Afrin  
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Dr. K. Srujan Raju  
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28/11/22



## CERTIFICATE

This is to certify that the project entitled “LEARNING FROM THE ONCE THAT GOT AWAY DETECTING NEW FORM OF PHISHING ATT” being submitted by P.SAMPATH KUMAR(197R1A05P1), M.AKHIL KUMAR (197R1A05N4), R. RUDHIRAMSH REDDY(197R1A05P3) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

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**G. Kalpana Devi**  
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28/11/22

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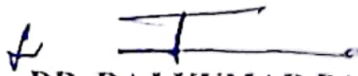
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATION

This is to certify that the Project entitled "STAY ALERT FOR EVER(SAFE)" being submitted by B.KAWSHIK(197R1A05K0),G.SAI MAHESH(197R1A05K9)&M.SAI KUMAR(197R1A05M8) in partial fulfillment of the requirements for the award of degree B.TECH Computer science and engineering to the Jawaharlal Nehru Technological University Hyderabad ,is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
DR. RAJ KUMAR PATRA  
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DR.A. RAJI REDDY  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28/11/22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "STUDENT E-NOTES" being submitted by D.SUMANTH (197RIA05K6), G.VIDYADIARI (197RIA05L2) and E.SHIVANI (197RIA05K7) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**Raheem unnisa**  
(Assistant Professor)  
INTERNAL GUIDE

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EXTERNAL EXAMINER

Submitted for viva voce Examination held on 28/11/2022





## CERTIFICATE

This is to certify that the project entitled "AUTOMATED MEDICINE REPOSITORY" being submitted by AKUNURI ARUN DEEPAK (197R1A05J2) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

J. Narasimharao

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Submitted for viva voice Examination held on

28/11/22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "CODING CONTESTS DETECTION USING CLIST API" being submitted by ANKIT PATEL (197R1A05J5) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the CMR Technical Campus, is a record of bonafide work carried out by him under our guidance and supervision during the year 2022-2023.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**A. Kiran Kumar**  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 23-11-2022



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "DIGITAL ADDRESS CODE" being submitted by SHAIK DANISH (197R1A05P6) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

A.UDAY KIRAN

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EXTERNAL EXAMINER

Submitted for viva voice Examination held on \_\_\_\_\_




DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING





CERTIFICATE

This is to certify that the project entitled "AUTOMATIC KEYWORD EXTRACTION FOR TEXT SUMMARIZATION" being submitted by BANDI SRAVAN KUMAR REDDY(197R1A05P7), KATIPALLY GANGA REDDY(197R1A05L8) & POILY VIKAS (197R1A05P0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23

The results embodied in this thesis 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 entitled "ACCURATE AND ROBUST SALIENCY DETECTION" being submitted by PEDDITI SATVIKA (197R1A05N7), PARANKUSHAM VAISHNAVI (197R1A05N8) & MAMINDLA MOUNIKA (197R1A05M7) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**Dr. K. Srujan Raju**  
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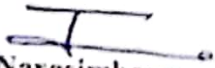
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




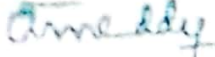
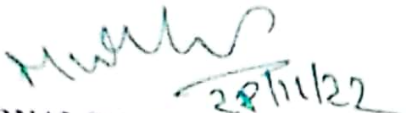
CERTIFICATE

This is to certify that the project entitled "AGE ESTIMATION FROM FACIAL EXPRESSIONS USING VIDEOS" being submitted by BHUPATHIRAJU GEETHA SUPRIYA(197R1A05J9), YOGITHA POTLAPALLY(197R1A05Q0) & KATEPOGU STEPHEN KUMAR(177R1A05F1) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis 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 entitled "BREAST CANCER CLASSIFICATION USING CNN" being submitted by P.SAI PREETHI (197R1A05N9), N.PREETHI (197R1A05N6) & A.CHANDRIKA (197R1A05J3) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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28/11/2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



**CERTIFICATE**

This is to certify that the project entitled “Desktop Assistance” being submitted by K.THARAKA RAM(197R1A05L5) & K.THARUN KUMAR (197R1A05M2) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**DR.SOMA SHEKAR**  
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EXTERNAL EXAMINER

**Submitted for viva voice Examination held on**



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "A MODEL FOR OBJECT DETECTION AND ANALYSIS" being submitted by M SAI SURYA (197R1A05N2), A HRUTHIK KUMAR (197R1A05J4) & A NAVYA (197R1A05J1) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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Submitted for viva voice Examination held on 28/11/2022



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "PREDICTING THE TOP-N POPULAR VIDEOS VIA CROSS DOMAIN HYBRID MODEL" being submitted by ROHIT MOON (177R1A05G4) & MOHAMMAD UMER (197R1A05Q1) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**Sanjana Nazare**  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28/11/2022



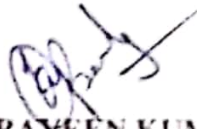
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "DETECTION OF EMPLOYEE STRESS USING MACHINE LEARNING" being submitted by M.ABRAHAM(197R1A05M5) & M.SAI KIRAN (197R1A05N0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
**K.PRAVEEN KUMAR**  
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28/11/22

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "INTERNAL QR BASED NAVIGATION SYSTEM" being submitted by GAJULA SANDEEP(197R1A05L0), SRIDASYAM NITHIN (197R1A05P8) & POLOJU VENKATYESH(197R1A05P2) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

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EXTERNAL EXAMINER

  
28/11/22

Submitted for viva voice Examination held on 28-11-2022



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "FACE AND HAND GESTURE RECOGNITION SYSTEM FOR CONTROLLING VLC MEDIA PLAYER" being submitted by K. GOHATHI (197RIA05L7), K.SAKETH (197RIA05L6) & K. PRADEEP (197RIA05M0) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

M. Madhusudhan  
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EXTERNAL EXAMINER

  
28/11/22

Submitted for viva voice Examination held on 28/11/22

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "Diagnosis Of Lung Cancer Based On CT Scan Using CNN" being submitted by M. SAI VENKAT SANJAY (187RIA05G2), K. AKASH (187RIA05K8) & K. ABHILASH (187RIA05F8) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

G. Vijay Kumar  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held 28/11/2023



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING




CERTIFICATE


This is to certify that the project entitled "COMPARISON OF MACHINE LEARNING ALGORITHMS FOR PREDICTING CRIME HOTSPOTS" being submitted by M MANAS REDDY (187R1A05L1) & K SHASHIDER (187R1A05P1) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.


The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
A. UDAY KIRAN  
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EXTERNAL EXAMINER

Submitted for viva voce Examination held on 29/10/2022

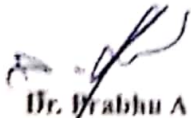
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled " TEXT FILE COMPRESSION & TRANSFER " being submitted by MAMINDLA MARUTHI (197RIA05M6), NANJALA SAMPATH KUMAR (197RIA05N5), SEGGAM AKHILA (197RIA05P5) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the CMR Technical Campus, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-2023.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

  
Dr. Prabhu A  
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Submitted for viva voice Examination held on 28/11/2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled “CLASSIFICATION OF ONLINE TOXIC COMMENTS USING MACHINE LEARNING” being submitted by PATHARLA RAJESH (187R1A0533) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the CMR Technical Campus Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

Dr. K. Srujan Raju

(HOD)

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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28/11/2022





## CERTIFICATE

This is to certify that the project entitled "VEHICLE AND PEDESTRIAN DETECTION USING HAAR CASCADE" being submitted by D.S. RITHIK (197RIA05K3) in partial fulfilment of the requirements for the award of the degree of B. Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by him under our guidance and supervision during the year 2022-23

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**J. Narasimharao**  
(Associate Professor)  
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**Dr. A. Raji Reddy**  
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EXTERNAL EXAMINER

Submitted for viva voice Examination held on 28-11-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "OSFINDER" being submitted by BANDARU SWAPNIL (197RIA05J7) in partial fulfilment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the Jawaharlal Nehru Technological University Hyderabad, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-23.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

**Dr. B. Laxmaiah**  
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Submitted for viva voice Examination held on 28-11-2022

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



CERTIFICATE

This is to certify that the project entitled "AUTOMATIC TRAFFIC SIGN DETECTION AND RECOGNITION BY USING DEEP LEARNING FOR AUTONOMOUS DRIVERLESS VEHICLES" Being submitted by M.NIKHIL(197RIA05M3), M.HARISH CHANDRA NAIK(197RIA05M4) and MOHAMMED HUSSAIN(197RIA05M9) in partial fulfillment of the requirements for the award of the degree of B.Tech in Computer Science and Engineering to the CMR Technical Campus, is a record of bonafide work carried out by them under our guidance and supervision during the year 2022-2023.

The results embodied in this thesis have not been submitted to any other University or Institute for the award of any degree or diploma.

M. U  
21/11/22

**MSUNITHA**  
(Assistant Professor)  
INTERNAL GUIDE

Areddy

Dr. A. Raji Reddy

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Submitted for viva voce Examination held on 28/11/2022

**Kandlakoya(V), Medchal, Hyderabad-501401**

**IV YEAR - B. TECH (2019-23) CSE-A MINI PROJECT BATCHES LIST**

Batch No	H.T.No of the Student(s)	Name of the Student(s)	Name of the Guide	Project Title
Batch 1	197R1A0502	BODAKUNTLA NAGAMANI KUMAR	Dr.Punyaban Patel	Object detection using deep learning
	197R1A0504	BALLA RANJITH KUMAR		
	197R1A0513	GATTU PRANAY KUMAR		
Batch 2	197R1A0509	CHANDOLU BHARGAV SANKAR	A.Kiran Kumar	Decentralization and security issues in Blockchain enabled Internet of Things
Batch 3	197R1A0506	BATTU SAI CHARAN	Dr.Punyaban Patel	Students Result Management System
	197R1A0537	MYLAVARAPU SIVA YAMINI		
	197R1A0547	RUDRA RAKSHITH		
Batch 4	197R1A0549	SIDDAMWAR SOUNDHARYA	Dr.K.Maheswari	Inventory Management using QR Code applications
	197R1A0503	BADAM SAI ADARSH		
	197R1A0544	PERIKA HARI PRASAD		
Batch 5	197R1A0552	TADELA NAVEEN	Sultana Saba	Heart Disease Prediction using Machine Learning Algorithms
	197R1A0523	KUMMARI SAIKIRAN		
	197R1A0540	PALLAPU NAGAPRANAV		
Batch 6	197R1A0501	AKULA PRASHANTH KUMAR	Dr.Pradhu	Loan Prediction System using ML algorithm
	197R1A0530	MARRI JOHN WESLEY		
	197R1A0510	CHETTI ABHINAY		
Batch 7	197R1A0553	THIRUNAGARI SAI PRANEETH	M.Madhusudhan	Smart Attendance System using Face Recognition System
	197R1A0532	MOHAMMED RAFI		
	197R1A0517	JUKANTI SUMITH		
Batch 8	197R1A0535	MOVVA ABHILASH	V.Naresh Kumar	JIT Supply Chain to predict stockout
Batch 9	197R1A0538	NAREDLA SAI KIRAN REDDY	G.Vinesh Shekar	Credit Card fraud detection System
	197R1A0508	CHALLA RAMBABU		
	197R1A0533	MOHAMMED SAMAD		
Batch 10	197R1A0507	CHITLA LIKHITHA REDDY	G.Kalpana Devi	Mobile Apps Development (IRA Reality)
	197R1A0555	Y MADHU VARSHINI		
	197R1A0556	YARABATI ANUHYA		
Batch 11	197R1A0520	KARAMTHOT SANTHOSH KUMAR	Dr.Punyaban Patel	Movie Recommendation System with Collaborative Filtering using KNN
	207R5A0502	KURUMULA NEELIMA		
	207R5A0505	KEERTHI RUCHITHA		
Batch 12	197R1A0515	JANIGA ANUSHA	Ranjith Reddy K	Credit Card fraud detection using predictive modelling
	197R1A0514	GUDE PRAVALIKA		
	197R1A0516	JEEVAKALA SRIKAR		
Batch 13	197R1A0529	MANISH KUMAR	N.Bhaskar	Chat Bot for CMR Medical Hospital
	197R1A0550	SUBHAM SAMANTA		
	197R1A0551	SUBHASHISH NAIK		
Batch 14	197R1A0528	MAHINDRAKAR SOURABH	Tabben Fatima	The Personalization of Classifications Model for HAR
	197R1A0534	SAVVANA MOHAN		
	197R1A0558	YASH RAJ VARMA		

Batch 15	197R1A0545	PRITHVI RAMAKRISHNA NARVE	Dr.Soma Shekar	Detection of Malicious Social Bat using Learning Automata with URL
	197R1A0546	ROHITH CHOUDHARY		
	197R1A0527	MADHU KETAN PALAKURTHY		
Batch 16	197R1A0522	KONDA LIKHITH SAI KRISHNA	M.Sunitha	Cyber Threat detection using Machine Learning Technology
	197R1A0554	VORASALU SAI KUMAR		
	197R1A0548	SHIBINENI HARSHAVARDH AN RAO		
Batch 17	207R5A0501	NAMALA SHANMUK	Ch.Rekha	Detection of Cyber Attack Network using Machine Learning Concept
	207R5A0508	GUGULOTH Y.N.L.N. KESHAV RAO		
	207R5A0506	NAKARAKANTI VAMSI KRISHNA		
Batch 18	207R5A0507	RANDER ADARSH	Dr.G.Madhukar	Stock Management Trend Machine Learning and Deep Learning
	207R5A0504	ODDEM SAI KUMAR		
	197R1A0525	MARREBOYENA SAI HEMANTH		
Batch 19	197R1A0539	NEELAM PRIYANSHA	Dr.B.Laxmaiah	Analysing Customers Personality for Business improvement using Machine Learning
	197R1A0542	PASUMARTHI PRASHANTHI		
	197R1A0560	ZEBANUNNISSA		
Batch 20	197R1A0559	YOGITHA SREE ANNANGI	B.P.Deepak Kumar	Predicting Rating from Review Analysis
	197R1A0511	DEVERAKONDA VEENA LAXMI GAYATRI		
	197R1A0557	YARLAGADDA CHANDANA SRI		
Batch 21	197R1A0524	KYADASI LOKESH	A.Kiran Kumar	Prediction of Modernized Loan Approval System Based on Machine Learning
	207R5A0503	PETTAM NIKHIL		
Batch 22	197R1A0505	BANDAY HEMANTH NAIDU	Dr.K.Srujan Raju	Face Mask Detection using Computer Vision and Deep Learning
	197R1A0512	GANJI PALLAVI		
	197R1A0543	PATLOLLA VISHALA REDDY		
Batch 23	197R1A0518	K. ANJALI	G.Poornima	Fake Account Detection using Machine Learning
	197R1A0521	KOMMU BINDHU		
Batch 24	197R1A0526	MACHARLA VINILA	Dr.Punyaban Patel	A New Perspective in object detection using Cloud Computing
	197R1A0531	MIRYALA KISHORE		
	197R1A0541	PANUGANTI AKSHAYA		
Batch 25	197R1A0536	MUNAGALA CHANDANA	Sanjana	Automatic HTML Code generation from Makeup Images using ML Technique
Batch 26	197R1A0519	KANCHI AASHRITHA	J.Narasimharao	Autonomous Trajectory-Planning and Orbit -Injection strategy of the launch vehicle due to rocket motor failure conditions

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Batch No	H.T.No of the Student(s)	Name of the Student(s)	Name of the Guide	Project Title
Batch 1	197R1A0594	NARAYANARAJU	Dr.K.Srinivas	COMPARISIVE PROGRAMMING ASSIGNMENT MANAGEMENT USING WEB HARVESTING
Batch 2	197R1A0576	GAJJI SHRIYA	V.Naresh Kumar	USED CAR'S PRICE PREDICTION USING MACHINE LEARNING WITH PYTHON
	197R1A05B4	V.VANI		
	197R1A0597	PANJALA DIVYA		
Batch 3	197R1A0586	KURRE VANDANA	Dr.Raj Kumar Patra	GPS BASED ATTENDANCE SYSTEM
	197R1A05B1	UJJELI AKILANDESHW ARI		
	197R1A05C0	YELLU NITISHA		
Batch 4	197R1A0572	CHAPPIDI GAYATHRI	Tabben fatima	ROAD SIGN RECOGNITION SYSTEM FOR AUTONOMOUS VEHICLE USING RASPBERRY PI
	197R1A0582	KOTHAKOTA ANITHA KUMARI		
	197R1A05B9	YELAKONDA SUMAGNA		
Batch 5	197R1A0566	BAYAKNOL PRAKASH	G.Kalpana Devi	DROWSINESS DETECTION SYSTEM
	197R1A05A6	SANGEETHAM SREEKARAN		
	197R1A05B6	VALANDAS SAI VISHRUTH		
Batch 6	197R1A0564	B VENKATA VAMSI KRISHNA	K.Shilpa	COMPARISON OF CLASSIFICATION MODELS IN PREDICTING GRADUATE ADMISSION DECISION
	197R1A0584	KAMMARI RYAGNIRVESH		
	197R1A0598	POTHARAJU MAHESH		
Batch 7	197R1A0570	BOGELLY KARTHIK	Dr.G.Soma Shekar	ANDROID APPLICATION ON PLANT LEAF DISEASE DETECTION USING MACHINE LEARNING
	197R1A0571	C RAHUL RAO		
	197R1A05B2	UPPARI SRIKANTH		
Batch 8	197R1A0573	CHILAKALA DAVID	D.Sandhya Rani	A MACHINE LEARNING METHODOLOGY FOR PREDICTING CHRONIC KIDNEY DISEASE
	197R1A0583	KALERU LIKHITHA		
	207R5A0509	PATLOLLA RUCHITHA		
Batch 9	197R1A0561	ATHVELLY VINAY	Dr.K.Maheswari	ONLINE DETECTION USING DEEP LEARNING
	197R1A0580	JANGAMWAR SAHITHI		
	197R1A0589	MANJALA NAVEEN KUMAR		
Batch 10	197R1A0599	RANGU SAI SUDHA	G.Vijay Kumar	CROP YIELD PREDICTION USING MACHINE LEARNING TECHNIQUES
	197R1A0568	BEGARI SAMPATH KUMAR		
	197R1A05A0	REKULAPELLY CHANDRASHEK AR REDDY		
Batch 11	197R1A0562	AMPALLY JAGRUTHI	K.Shilpa	ONLINE VEHICLE PARKING RESERVATION SYSTEM
	197R1A0563	AYITI SAISAMEEKSH A		
	197R1A0588	MAMILLA SRIJA		
Batch 12	197R1A0569	BODGAM THANMAYA	Dr.Madhukar	DEEPLARNING APPLICATIONS IN MEDICAL IMAGE ANALYSIS OF BRAIN TUMOR
	197R1A05B7	VANGA RANJITH KUMAR		
	197R1A05B8	VANGALA ASHWIK RISHI		

Batch 13	197R1A05A4	SAI KEERTHANA T	Dr.Prabhu	MEDDOCS(ANDROID APPLICATION) USING JAVA
	197R1A05B0	TURLAPATI ASRITHA VENKATA KAMA		
	207R5A0510	BATHULA MATHEW PRABHAKAR		
Batch 14	197R1A0577	GURRAPU AKSHAY KUMAR	G.Lavanya	AUTOMATIC HTML CODE GENERATION FOR MOCK-UP IMAGES USING MACHINE LEARNING TECHNIQUES
	197R1A0565	BANOORI DIVYA		
	197R1A0567	BEEBIPETA ARUN KUMAR		
Batch 15	197R1A0593	MUDASSAR AHMED KHAN	K.Praveen Kumar	BLOCKCHAIN E-VOTING
	197R1A0591	MD VAHEED		
	207R5A0511	MD ABDUL RAHMAN		
Batch 16	197R1A0596	PAGIDIMARRI SAI GREESHMA SREE	G.Vijay Kumar	LOCATION PREDICTION ON TWITTER USING MACHINE LEARNING TECHNIQUES
	197R1A05B3	VELISALA MADHU BABU		
	197R1A0581	KOMMA SANJAY BHARGAV		
Batch 17	197R1A05B5	VAISHNAVI CHANDRA PEDDI REDDY	Najeema Afrin	RECOGNITION OF DIABETIC RETINOPATHY BASED ON TRANSFRER LEARNING
	197R1A0587	MANNEM RAVI TEJA		
	197R1A05A7	SHAIK IRFAN HASAN		
Batch 18	197R1A0585	KOPPULA SNEHITH	N.Bhaskar	CHATBOT FOR CMRTC
	197R1A0575	DASARI SIDDARTHA REDDY		
	197R1A0574	D THIRUPATHI		
Batch 19	197R1A05A9	T PRANATI	K.Shilpa	FLIGHT DELAY PREDICTION USING MACHINE LEARNING
	197R1A0595	P AKHIL KUMAR		
	197R1A0579	JAKKA MANASA		
Batch 20	207R5A0512	NAMPALLY NAVEEN	Dr.B.Laxmaiah	IMOT BASED EHR & AI ANALYTICS MAKING SMART HEALTH CARE POSSIBLE
	207R5A0513	MEDISHETTI RAKESH		
	207R5A0514	RANGU NAVEEN		
Batch 21	197R1A05A5	SAINI GOVARDHAN	Srinu V	WEAPON DETECTION USING YOLO
	207R5A0515	GADAM YASHWANTH		
Batch 22	197R1A0592	MOHAMMAD RIYAZ	K.SHILPA	FRESHER GUIDE WEB APPLICATION
Batch 23	197R1A05A8	SAI TEJA	Bhagyasree	SMART BULB USING IOT
	197R1A05A2	SRIRAM ROHITH		
	197R1A05A3	SADURLA PRADEEP		

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Batch No	H.T.No of the Student(s)	Name of the Student(s)	Name of the Guide	Project Title
Batch 1	197R1A05F4	MAHEEN FATIMA	Mr.Uday Kiran	Traffic Sign Board Detection AND Text Extraction
	197R1A05G5	SAMA SRAVANI		
	197R1A05F9	PRARTHNA AGARWAL		
Batch 2	197R1A05C2	ABBAGOUNI SATHVIKA GOUD	Tabeen Fatima	Missing Child Identification System using Machine Learning
	197R1A05C8	BAIREDDY NANDINI		
	197R1A05F6	MIDDEPAKA SUPRIYA		
Batch 3	197R1A05H9	YALAGABOYNA MAMATHA	Dr.T.S.Mastan Rao	Real Time Employee Emotion Detection System using Machine Learning
	197R1A05E5	KAMMARI PAVANI		
	197R1A05G0	RAMADI REVATHI		
Batch 4	207R5A0523	YEARRAMSHETTY RUTWIK	G.Poornima	Book Recommendation System
	207R5A0520	KROVVIDI ASRIT RAJ		
Batch 5	197R1A05C3	ADDANKI ABHAYA VIKAS	J.Narasimharao	File Pioneer
	197R1A05C5	AMMANAMANCHI RAVISANKAR BHARADWAJ		
Batch 6	197R1A05G2	RANGUMUDRI HARSHA VARDHAN SAI	A.Uday Kiran	Detecting Ship from Satellite Imagery using Deep Learning
	197R1A05H8	VITLA DURGAPRASAD		
	197R1A05E4	KALLURI SRI HARSHA		
Batch 7	197R1A05G4	SALIBINDLA NIKITHA	Mr.SVSV Prasad	Stock Price Prediction Using Machine Learning
	197R1A05G7	SANKEPALLY AKHILA		
	197R1A05H1	T PRANAY REDDY		
Batch 8	197R1A05F7	MUNDRAI PAVAN KUMAR	Srinu V	An efficient Solution for medical emergencies
	197R1A05H5	VADLA DHANUSH		
Batch 9	207R5A0518	THAKKALLAPELLE VINEETH	G.Pavan Kumar	Go Ride an android application developed using android studio
	207R5A0519	JELLA SRINU		
Batch 10	207R5A0522	MD MUSTAFA	K.Praveen Kumar	Dineout An android application Developed Using Android Studio
	207R5A0516	GUGULOTH VINAY		
Batch 11	197R1A05F2	MADASU V BHAGYA SREE	Najeema Afrin	An AI enabled frame work for non-alcoholic fatty liver detection
	197R1A05H0	SUTHARI VAMSHI		
	197R1A05D6	EPPALAPALLY SAI KIRAN		
Batch 12	197R1A05G9	SHANMUKANJA LIM	Dr.T.S.Mastan Rao	A frame work for human Activity recognition using Deep learning
	197R1A05D4	DHARPALLI ARUN PRANEETH KUMAR		
	197R1A05H6	VARSHEEK REDDY PULLAREDDY		
Batch 13	197R1A05E7	KOMPALLY REKHA	D.Sandhya Rani	Weed identification using Deep learning and image processing in vegetable plantation
	197R1A05F0	MALGIREDDY AADARSH REDDY		
	197R1A05F1	MAGGIDI SRIKAR		
Batch 14	197R1A05C6	AVIRINENI RAHUL	Dr.K.Maheswari	Machine Learning for Web Vulnerability Detection
	197R1A05E1	JANGILI SHIVA PRANAV		
	197R1A05D1	BOINI LAXMI VARA PRASAD		
Batch 15	197R1A05H7	VENKANNAGAR I NIRANJAN REDDY	B.P.Deepak Kumar	A model for brain tumour anlysis using deep learning
	197R1A05D0	BANOTHU SRINIVAS		
	197R1A05D2	CHALLARAM SHARATH REDDY		

Batch 16	197R1A05C9	BANDARI SAI KUMAR	A.Uday Kiran	Analysis of women safety in indian cities using machine learning
	197R1A05E2	JOGANNAGARI SAINATH REDDY		
	197R1A05E0	GUDIMETLA SRIKANTH		
Batch 17	197R1A05E3	KANDAKATLA SHIVANI	Ranjith Reddy K	Depression detection using machine learning
	197R1A05G6	SAMALA SHASHANK		
	197R1A05H4	TUMMALAPALLI VENKATA RAGHURAM SATHWIK		
Batch 18	197R1A05E8	KOTAGIRI SANJANA	Raheem Unnisa	predicting co2 emmissions using machine learning in python
	197R1A05H2	THOTA SRI PRANITH REDDY		
	197R1A05F3	B MADHAN SAINATH REDDY		
Batch 19	197R1A05D5	DURSETI BHARGAVI	Dr.T.S.Mastan Rao	Stress detection in IT Professionals by using Image Processing and Machine Learning Techniques
	197R1A05G8	SAVIO SONI		
	197R1A05C4	ADI VARSHINI		
Batch 20	197R1A05F5	METE BHANUPRASAD	Afrin	Crime investigation Tracker with suspect prediction
	197R1A05G1	RAMAVATH RAJU		
	197R1A05D8	GONTI NAGENDRA		
Batch 21	197R1A05C1	A HARSHAVARDH AN REDDY	M.Madhusudhan	Image based plant disease prediction and advising pesticides:a comparison of deep learning and classical machine learning
	197R1A05D7	GUDIMETLA ANISH		
	197R1A05G3	REVVU SAMSON KUNDAN		
Batch 22	197R1A05D3	DAPPU KISHORE CHAND	G.Vinesh Shekar	Computer science career recommendations using Machine Learning
	197R1A05E9	LAKAVATH SANTHOSH KUMAR		
	197R1A05F8	PAMURI JAGADEESH KUMAR REDDY		
Batch 23	197R1A05C7	B VIVEKANANDA	Dr.K .Srujan Raju	Student radar using Android Application
	197R1A05H3	THOTA VAMSHI		
Batch 24	207R5A0517	BATHNASE SAINATH	Dr.G.Madhukar	Online system Service Center using Java Script and React
	207R5A0521	SINGANA VENI RAJESH		
Batch 25	197R1A05J0	YASA SHARANYA	Dr.G.Madhukar	B5G and Explainable Deep Learning Assisted Healthcare Vertical at the Edge : COVID -19 Perspective

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Batch No	H.T.No of the Student(s)	Name of the Student(s)	Name of the Guide	Project Title
Batch 1	197R1A05K4	DANDIBHATLA SAI SINDHU	V.Naresh Kumar	Fraudulent Product Detection For Digital Equipment
	197R1A05L1	GAURAV MANDAL		
	197R1A05P9	VANGMAI KOHEDA		
Batch 2	197R1A05P4	R SINDHUJA	B.P.Deepak Kumar	Attendance Registration using Face Recognition
	197R1A05M1	KOTA VENKATA NIKHIL		
	197R1A05K8	GODAVARTHI JASVANTH MANIKANTA V		
Batch 3	197R1A05N3	MURAGALLA VEDANGANA	D.Sandhya Rani	A Web- Based Platform to Analyse & Inspect Over -all Performance of a Student
	197R1A05L3	GOPIDI ALEKHYA		
	197R1A05L9	KATTUPALLI PRABHATH		
Batch 4	197R1A05K5	DONADULA DEVENDER	Ranjith Reddy K	Text to HTML and CSS Code Generator
	197R1A05K2	CHOUHAN BHEEM SINGH		
	197R1A05N1	MUCHARLA VAMSHIDHAR REDDY		
Batch 5	197R1A05J6	BHEEMANENI ANANYA CHOWDARY	Najeema Afrin	Prediction of Heart Disease
	197R1A05L4	GUNTHA SAI PRANAV		
	197R1A05K1	CHILUMULA SUMANTH		
Batch 6	197R1A05N4	MUTHE AKHIL KUMAR	G.Kalpna Devi	Learning From the once that got away detecting new form of phishing ATT
	197R1A05P1	POKKILI SAMPATH KUMAR		
	197R1A05P3	R RUDHRAMSH REDDY		
Batch 7	197R1A05K0	BHYROJU KAWSHIK	Dr.Raj Kumar Patra	Stay Alert for Ever (SAFE)
	197R1A05K9	GAJULA SAI MAHESH		
	197R1A05M8	MATHI SAI KUMAR		
Batch 8	197R1A05L2	GONE VIDHYADARI	Raheem Unnisa	Student E-Notes
	197R1A05K6	DONDETI SUMANTH REDDY		
	197R1A05K7	EDAKULA SHIVANI		
Batch 9	197R1A05J2	AKUNURI ARUN DEEPAK	J.Narasimharao	Automated Medicine Repository
Batch 10	197R1A05J5	ANKIT PATEL	A.Kiran Kumar	Coding Contests Detection using Clist API
Batch 11	197R1A05P6	SHAIK DANISH	A.Uday Kiran	Digital Address Code
Batch 12	197R1A05P7	SRAVAN KUMAR REDDY BANDI	G.Poornima	Automatic Keyword Extraction for Text Summarization
	197R1A05L8	KATIPALLY GANGA REDDY		
	197R1A05P0	POILY VIKAS		
Batch 13	197R1A05N7	P SATVIKA	Dr.K.Srujan Raju	Accurate and Robust saliency Detection
	197R1A05N8	PARANKUSHAM VAISHNAVI		
	197R1A05M7	MAMINDLA MOUNIKA		
Batch 14	197R1A05J9	BHUPATHIRAJU GEETHA SUPRIYA	J.Narasimharao	Age estimation from facial expression using Videos
	197R1A05Q0	YOGITHA POTLAPALLY		
	177R1A05F1	KATEPOGU STEPHEN KUMAR		
Batch 15	197R1A05N9	PINNINTI SAI PREETHI	Rakshitha	Breast Cancer Classification Using CNN
	197R1A05N6	NANAM PREETHI		
	197R1A05J3	AMARTHALURI CHANDRIKA		

Batch 16	197R1A05L5	KALAGARA THARAKARAM	Dr.Soma Shekar	Desktop Assistance
	197R1A05M2	KURSANGE THARUN		
Batch 17	197R1A05J4	ANKARAPU HRUTHIK KUMAR	N.Bhaskar	A Model for Object Detection and Analysis
	197R1A05N2	MUNDLA SAI SURYA		
	197R1A05J1	AITHA NAVYA		
Batch 18	177R1A05G4	ROHIT MOON	Sanjana Nazare	Predicting the Top-N Popular Videos Via Cross Domain Hybrid Model
	197R1A05Q1	MOHAMMAD UMER		
Batch 19	197R1A05M5	MALLEPOGU ABRAHAM	K Praveen Kumar	Detection of Employee Stress using Machine Learning
	197R1A05N0	MOTEWAR SAIKIRAN		
	197R1A05J8	BANAOTH GANESH		
Batch 20	197R1A05P8	SRIDASYAM NITHIN	Dr.Laxmaiah	Internal QR Based Navigation System
	197R1A05L0	GAJULA SANDEEP		
	197R1A05P2	PLOJU VENKATESH		
Batch 21	197R1A05L6	KATHI VENKATA SAKETH REDDY	M.Madhusudhan	Face and Hand Gesture Recognition System for Controlling VLC Media Player
	197R1A05L7	KADARI GOHATHI		
	197R1A05M0	KOSUMBA PRADEEP		
Batch 22	187R1A05F8	KOLLAPU ABHILASH	G.Vijay Kumar	Diagnosis of Lung Cancer Based on CT Scans using CNN
	187R1A05G2	MANNE SAI VENKAT SANJAY		
	187R1A05K8	KATTEMPUDI AKASH		
Batch 23	187R1A05L1	M MANAS REDDY	A.Uday Kiran	Comparison of Machine Learning Algorithms For Predicting Crime Hotspots
	187R1A05P1	K SHASHIDER		
Batch 24	197R1A05M6	MAMINDLA MARUTHI	Dr.Prabhu	Text File Compression & Transfer
	197R1A05N5	NANJALA SAMPATH KUMAR		
	197R1A05P5	SEGGAM AKHILA		
Batch 25	187R1A0533	PATHARLA RAJESH	Dr.K.Srujan Raju	Classification of Online Toxic Comments Using Machine Learning
Batch 26	197R1A05K3	D S RITHIK	J.Narasimharao	Vehicle and Pedestrian Detection using HAAR Cascade
Batch 27	197R1A05J7	BANDARU SWAPNIL	Dr.Laxmaiah	OS Finder
Batch 28	197R1A05M9	MOHAMMED HUSSAIN	M.Sunitha	Automatic Traffic Sign Detection and Recognition using Deep learning for Autonomous Driverless Vehicles
	197R1A05M3	M NIKHIL		
	197R1A05M4	MALAVATH HARISH CHANDRA NAIK		

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