

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FIELD PROJECT UNDERTAKEN BY STUDENTS - AY 2023-24

Team No.	Dept	Name of the Student	Internal/External	Project Title	Organisation	Project Duration	External Guide
1	CSE	Akshatha P	INTERNAL	AI Powered Cargo Inspection	NHCE	8 Months	
	CSE	Anushka saxena	INTERNAL		NHCE	8 Months	
	CSE	Baskaruni vasumathi	INTERNAL		NHCE	8 Months	
2	CSE	Thirumal Reddy	INTERNAL	Smart City Traffic Management	NHCE	8 Months	
	CSE	Jarugula Ganesh Chowdary	INTERNAL		NHCE	8 Months	
	CSE	Gonela Rahul	INTERNAL		NHCE	8 Months	
3	CSE	Mezba Uddin Ahmed	INTERNAL	Indian Tongue to Text : Multilingual conversion and and Translation	NHCE	8 Months	
	CSE	Parshwa B Patil	INTERNAL		NHCE	8 Months	
	CSE	Nishant L	INTERNAL		NHCE	8 Months	
4	CSE	Babajan M	INTERNAL	Unified health Hub: Transforming Healthcare Data Ecosystem for Swift and Informed Interventions.	NHCE	8 Months	
	CSE	Bharath SJ	INTERNAL		NHCE	8 Months	
	CSE	Abdul Taqui	INTERNAL		NHCE	8 Months	
5	CSE	Sunayan Dutta	INTERNAL	Digital Pravesh Pranali	NHCE	8 Months	
	CSE	Saras Verma	INTERNAL		NHCE	8 Months	
	CSE	Vaibhav Jain	INTERNAL		NHCE	8 Months	
6	CSE	Jeremie Dsouza	INTERNAL	Visionary.ai - E Commerce Trend Prediction Software	NHCE	8 Months	
	CSE	Jefferson X	INTERNAL		NHCE	8 Months	
	CSE	Immanuel Dsouza	INTERNAL		NHCE	8 Months	
7	CSE	Jithin Vinod	INTERNAL	Deep Learning based Cyclone Intensity estimation using INSAT-3D IR imagery	NHCE	8 Months	
	CSE	K.M.Komal	INTERNAL		NHCE	8 Months	
	CSE	Joshua James	INTERNAL		NHCE	8 Months	
8	CSE	Kumarswamy Y M	INTERNAL	Detecting plant pathogens: Using Deep Learning with VGC-16 Convolutional Neural network	NHCE	8 Months	
	CSE	Likith M	INTERNAL		NHCE	8 Months	
	CSE	Kiran Raghav S Reddy	INTERNAL		NHCE	8 Months	
9	CSE	Arpit Daga	INTERNAL	Prediction of deforestation using machine learning	NHCE	8 Months	
	CSE	Kajal Sinha	INTERNAL		NHCE	8 Months	
	CSE	Pranav Ram K	INTERNAL		NHCE	8 Months	
10	CSE	Riya Sarkar	INTERNAL	Job Linker	NHCE	8 Months	
	CSE	Souvik Das	INTERNAL		NHCE	8 Months	
	CSE	Vinit Dadyala	INTERNAL		NHCE	8 Months	
11	CSE	Adarsh Nair	INTERNAL	Digital Screen Time Moderation using Generative AI	NHCE	8 Months	
	CSE	Advait Sunil	INTERNAL		NHCE	8 Months	
	CSE	Avinash	INTERNAL		NHCE	8 Months	
12	CSE	Aayet Hashmi	INTERNAL	A Risk Analysis For The Assessment Of Diabetic Patients.	NHCE	8 Months	
	CSE	Meghana C M	INTERNAL		NHCE	8 Months	
	CSE	Gowthami M D	INTERNAL		NHCE	8 Months	
13	CSE	Ananya Karanam	INTERNAL	IoT based application for farmers	NHCE	8 Months	
	CSE	Lakshmeesh K P	INTERNAL		NHCE	8 Months	
	CSE	Pranav Pradeep Kulkarni	INTERNAL		NHCE	8 Months	
14	CSE	Rohan B M Gowda	INTERNAL	Disaster Information and Management	NHCE	8 Months	
	CSE	Raghu C	INTERNAL		NHCE	8 Months	

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	CSE	Shreyas Kulkarni	INTERNAL		NHCE	8 Months	
15	CSE	Arnav gupta	INTERNAL	GreenScape: Enhancing Indoor and Garden Plant Health	NHCE	8 Months	
	CSE	Jenish Shrestha	INTERNAL		NHCE	8 Months	
	CSE	Subham Nahak	INTERNAL		NHCE	8 Months	
16	CSE	Ruchir Nayak	INTERNAL	MediScript: Physician writing Analyzer	NHCE	8 Months	
	CSE	Kirthan	INTERNAL		NHCE	8 Months	
	CSE	Shifra	INTERNAL		NHCE	8 Months	
17	CSE	Jainam Jain	INTERNAL	Fake Product Identification System	NHCE	8 Months	
	CSE	Shivswami Sachin Chavan	INTERNAL		NHCE	8 Months	
	CSE	Anushka Dharan	INTERNAL		NHCE	8 Months	
18	CSE	Pratham R Upadhye	INTERNAL	AR fit- ar size fitting system	NHCE	8 Months	
	CSE	Sunny Gupta	INTERNAL		NHCE	8 Months	
	CSE	Pavana Shantaram Nayak	INTERNAL		NHCE	8 Months	
19	CSE	Dickshith Raj N	INTERNAL	Agro World: The Farmer's Choice	NHCE	8 Months	
	CSE	Ganesh	INTERNAL		NHCE	8 Months	
	CSE	Avinash V Rajanalkar	INTERNAL		NHCE	8 Months	
20	CSE	Akangsha Das	INTERNAL	Organising house help service sector through search optimization and pattern recognition using machine learning	NHCE	8 Months	
	CSE	Aastha Singh	INTERNAL		NHCE	8 Months	
	CSE	Bhaskar Singh	INTERNAL		NHCE	8 Months	
21	CSE	Rakesh M	INTERNAL	Deep learning based brain tumour detection from EEG signals	NHCE	8 Months	
	CSE	Chethan R M	INTERNAL		NHCE	8 Months	
	CSE	Rakshith M P	INTERNAL		NHCE	8 Months	
22	CSE	Harisurya Sakthidharan	INTERNAL	Crop Recommendation system using Machine Learning	NHCE	8 Months	
	CSE	Harish E	INTERNAL		NHCE	8 Months	
	CSE	Jayanth Reddy	INTERNAL		NHCE	8 Months	
23	CSE	Abhisheka Aili	INTERNAL	COLLEGE CONNECTION A SCORE BASED MAJOR SELECTION	NHCE	8 Months	
	CSE	Shreepadha	INTERNAL		NHCE	8 Months	
	CSE	Spurti Mathapati	INTERNAL		NHCE	8 Months	
24	CSE	S Pyati Vinayaka	INTERNAL	Title : Detecting Fake Accounts On Social Media	NHCE	8 Months	
	CSE	T Prathyusha	INTERNAL		NHCE	8 Months	
	CSE	Raja Srujana	INTERNAL		NHCE	8 Months	
25	CSE	Sudeep V Tuppad	INTERNAL	Osteoporosis detection using Machine Learning	NHCE	8 Months	
	CSE	Tushar SR	INTERNAL		NHCE	8 Months	
26	CSE	Aninditha Muthuram	INTERNAL	Face based attendance and behaviour tracking	NHCE	8 Months	
	CSE	Bhavani B	INTERNAL		NHCE	8 Months	
	CSE	Bhavya S	INTERNAL		NHCE	8 Months	
27	CSE	Kotera R Priya	INTERNAL	Smart Attendance capturing system	NHCE	8 Months	
	CSE	Gayathri valiveti	INTERNAL		NHCE	8 Months	
	CSE	Jai Sandeep Kumar M R	INTERNAL		NHCE	8 Months	
28	CSE	Malvika Golekar	INTERNAL	Road Radar: Integrated road monitoring and Maintenance System	NHCE	8 Months	
	CSE	Prerna Ubana	INTERNAL		NHCE	8 Months	

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	CSE	Pruthvi Reddy V	INTERNAL	System	NHCE	8 Months	
29	CSE	Prapthi C S	INTERNAL	Plant Disease Detection	NHCE	8 Months	
	CSE	Ninada B N	INTERNAL		NHCE	8 Months	
	CSE	Pavithra S	INTERNAL		NHCE	8 Months	
30	CSE	Keerthana Salome Joshua	INTERNAL	Predictive Modeling for Autism Spectrum Disorder using Machine Learning	NHCE	8 Months	
	CSE	Jessica Vareed	INTERNAL		NHCE	8 Months	
	CSE	Aimee Anusha Pereira	INTERNAL		NHCE	8 Months	
31	CSE	Debasish Patra K	INTERNAL	Emergency Services: An In-Depth Exploration of Criminal Face Detection Technology Integrated with Emergency SOS Sending	NHCE	8 Months	
	CSE	Anshul Gupta	INTERNAL		NHCE	8 Months	
32	CSE	Jayaswetha S	INTERNAL	Innovation in education: Learning Management System Monitoring and Evaluation of Learner Behaviour throughout Online Learning	NHCE	8 Months	
	CSE	Sneha N	INTERNAL		NHCE	8 Months	
	CSE	Supreeth R	INTERNAL		NHCE	8 Months	
33	CSE	Harshitha S	INTERNAL	Poultry Pathogen Detection: Using deep learning for Coccidiosis identification.	NHCE	8 Months	
	CSE	K Likhitha	INTERNAL		NHCE	8 Months	
	CSE	Katta R G Varshini	INTERNAL		NHCE	8 Months	
34	CSE	Neela Kumari	INTERNAL	Skin DeepTech: Classification with CNN and Machine learning	NHCE	8 Months	
	CSE	Nekkanti Himasri	INTERNAL		NHCE	8 Months	
	CSE	Prerana pradeep	INTERNAL		NHCE	8 Months	
35	CSE	Harshita R	INTERNAL	RoadSense: Real-Time Traffic Sign Detection for Safer Commutes	NHCE	8 Months	
	CSE	Abinaya S	INTERNAL		NHCE	8 Months	
	CSE	Guntimadugu Pooja	INTERNAL		NHCE	8 Months	
36	CSE	Bhavesh Bhosale	INTERNAL	Smart audio recognition system using machine learning	NHCE	8 Months	
	CSE	Nandan Patil	INTERNAL		NHCE	8 Months	
	CSE	Kapil M	INTERNAL		NHCE	8 Months	
37	CSE	Yashwanth L	INTERNAL	Migration prediction using ensemble learning	NHCE	8 Months	
	CSE	Vinoth P	INTERNAL		NHCE	8 Months	
	CSE	Vinod kumar M S	INTERNAL		NHCE	8 Months	
38	CSE	Arnab Basu	INTERNAL	Cyclone Intensity Estimation using Machine Learning and Recurrent Neural Networks	NHCE	8 Months	
	CSE	Arpita Kumari	INTERNAL		NHCE	8 Months	
	CSE	Aishwarya	INTERNAL		NHCE	8 Months	
39	CSE	Bommu Tharun Kumar Reddy	INTERNAL	Blockchain Based Inter Organizational Secure File Sharing System	NHCE	8 Months	
	CSE	Anthala Rohith	INTERNAL		NHCE	8 Months	
	CSE	Bysani Roopa Reddy	INTERNAL		NHCE	8 Months	
40	CSE	Abhilash Vijapur	INTERNAL	kanada manuscript digitization	NHCE	8 Months	
	CSE	B Mahesh Kumar	INTERNAL		NHCE	8 Months	
41	CSE	Karthik Shetti	INTERNAL	Detection of Application layer DDos attack by various freely accessible tool kits using Machine learning.	NHCE	8 Months	
	CSE	M Sagar	INTERNAL		NHCE	8 Months	
	CSE	Maheshwar Giri	INTERNAL		NHCE	8 Months	
42	CSE	Abhinav Mishra	INTERNAL	Speech Emotion Recognition (SER) on live calls while creating events.	NHCE	8 Months	
	CSE	Amruth R B	INTERNAL		NHCE	8 Months	
	CSE	Manikanta P	INTERNAL		NHCE	8 Months	

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43	CSE	Pavan V	INTERNAL	Sewage Monitoring and Blockage Detection System using iot	NHCE	8 Months	
	CSE	Bhavith Kumar K	INTERNAL		NHCE	8 Months	
44	CSE	Aashutosh Gupta	INTERNAL	Speech Enhanced Intelligent Search using Deep Learning	NHCE	8 Months	
	CSE	Abhishek V	INTERNAL		NHCE	8 Months	
	CSE	Amogh Patil	INTERNAL		NHCE	8 Months	
45	CSE	Pandirla Somanatha Reddy	INTERNAL	Nari-Nav : Security Travelling System for women using Machine Learning	NHCE	8 Months	
	CSE	Monish P	INTERNAL		NHCE	8 Months	
	CSE	Mohana PM	INTERNAL		NHCE	8 Months	
46	CSE	Sudhindra J	INTERNAL	Machine learning based flood detection	NHCE	8 Months	
	CSE	Yuktheswar Reddy	INTERNAL		NHCE	8 Months	
	CSE	Mlthun Reddy	INTERNAL		NHCE	8 Months	
47	CSE	Bhumireddy Sreedevi	INTERNAL	Online grocery recommendation using collaborative filtering	NHCE	8 Months	
	CSE	Shaik Saba Farheen	INTERNAL		NHCE	8 Months	
	CSE	Pranith Bhukya	INTERNAL		NHCE	8 Months	
48	CSE	Benhin Johnson	INTERNAL	Crop Recommendation System	NHCE	8 Months	
	CSE	Akshay Saji	INTERNAL		NHCE	8 Months	
	CSE	Benfin Johnson	INTERNAL		NHCE	8 Months	
49	CSE	Varsha Ganesh	INTERNAL	Flood Prone Road Recognition: Enhancing resilience through identification analysis	NHCE	8 Months	
	CSE	Yashika Pathy	INTERNAL		NHCE	8 Months	
	CSE	Tiruvathuru Bhoomika	INTERNAL		NHCE	8 Months	
50	CSE	Aditi Naithani	INTERNAL	Image-based plant disease detection and rectification	NHCE	8 Months	
	CSE	Aparna Jha	INTERNAL		NHCE	8 Months	
51	CSE	Harshitha Pillai	INTERNAL	AI-powered manuscript recognition and translation	NHCE	8 Months	
	CSE	Himadri Biswas	INTERNAL		NHCE	8 Months	
	CSE	Abhishekh sahuo	INTERNAL		NHCE	8 Months	
52	CSE	Gautham Sridhar	INTERNAL	Analysis of Facial Sentiments	NHCE	8 Months	
	CSE	Gaja Manideep	INTERNAL		NHCE	8 Months	
	CSE	Gaja Leela Gowtham Royal	INTERNAL		NHCE	8 Months	
53	CSE	Shazib Javaid Wani	INTERNAL	Enhancing Cyclone Intensity Estimation with Deep Learning and INSAT -3D IR Imagery.	NHCE	8 Months	
	CSE	Karanam Anugna	INTERNAL		NHCE	8 Months	
	CSE	Shruthi Baburaj	INTERNAL		NHCE	8 Months	
54	CSE	Vishwajeet Pal	INTERNAL	AR - Indoor Navigation	NHCE	8 Months	
	CSE	Shaurya Vardhan Singh	INTERNAL		NHCE	8 Months	
	CSE	Vaibhav Sharma	INTERNAL		NHCE	8 Months	
55	CSE	Banka Teja Karthik Reddy	INTERNAL	Arduino-Powered Smart Crosswalk Signal System	NHCE	8 Months	
	CSE	Narasimha Royal	INTERNAL		NHCE	8 Months	
	CSE	Vasudeva Reddy	INTERNAL		NHCE	8 Months	
56	CSE	Nipun khajuria	INTERNAL	Fake product identification using block-chain	NHCE	8 Months	
	CSE	Mohamed Amanullah	INTERNAL		NHCE	8 Months	
	CSE	Mohammad Shoab Dar	INTERNAL		NHCE	8 Months	
	CSE	C D Punyashree	INTERNAL	Facial recognition with Aliveness	NHCE	8 Months	

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57	CSE	Darshan S	INTERNAL	Facial Recognition with Adversarial Detection Using FaceNet and LivenessNet	NHCE	8 Months	
	CSE	Dabbara Sujith Babu	INTERNAL		NHCE	8 Months	
58	CSE	Veluri Surendra Reddy	INTERNAL	Vehicle Number Plate Detection	NHCE	8 Months	
	CSE	Chilakala Venkata Koushik Reddy	INTERNAL		NHCE	8 Months	
	CSE	Chichili Charan Kumar Reddy	INTERNAL		NHCE	8 Months	
59	CSE	Rishu Ritik	INTERNAL	StudySage: Chatbot for Doubts and PDF Queries	NHCE	8 Months	
	CSE	Mabud Alam	INTERNAL		NHCE	8 Months	
	CSE	Shubham Maity	INTERNAL		NHCE	8 Months	
60	CSE	Akhila G S	INTERNAL	Patient-Centric Breast Tumour Analysis: DenseNet 201-Based Prediction and Personalized Recommendations	NHCE	8 Months	
	CSE	Ananya	INTERNAL		NHCE	8 Months	
	CSE	Ankita S	INTERNAL		NHCE	8 Months	
61	CSE	Vaishnavi S R	INTERNAL	CAREER GUIDE-Path2Success	NHCE	8 Months	
	CSE	Sumithra	INTERNAL		NHCE	8 Months	
	CSE	T Eesha Manohar	INTERNAL		NHCE	8 Months	
62	CSE	Arshlan Hassan	INTERNAL	AuthentiCheck: Spotting Phony Profiles	NHCE	8 Months	
	CSE	Harshit Tyagi	INTERNAL		NHCE	8 Months	
	CSE	Harshit Singh	INTERNAL		NHCE	8 Months	
63	CSE	Navya M	INTERNAL	DermAID: AI Powered Dermatological Diagnosis	NHCE	8 Months	
	CSE	Pranisha F	INTERNAL		NHCE	8 Months	
	CSE	P Malvika Reddy	INTERNAL		NHCE	8 Months	
64	CSE	Apoorva B.N	INTERNAL	Secure EPHR Sharing System Using Machine Learning	NHCE	8 Months	
	CSE	Dandu Vishnu Vardhan Reddy	INTERNAL		NHCE	8 Months	
	CSE	Chamarthi Hatheesh Varma	INTERNAL		NHCE	8 Months	
65	CSE	B.Ajay	INTERNAL	Enhancing Recommender Systems with Hidden User Interests and Machine Learning: A Study of Multi-Label Classifiers	NHCE	8 Months	
	CSE	B.Akshay	INTERNAL		NHCE	8 Months	
	CSE	B Keerthe	INTERNAL		NHCE	8 Months	
66	CSE	Rakshitha M	INTERNAL	Retinal Authentication for E-Voting	NHCE	8 Months	
	CSE	Kishore V	INTERNAL		NHCE	8 Months	
	CSE	Arthy Meenakshi	INTERNAL		NHCE	8 Months	
67	CSE	Tharak K	INTERNAL	Smart predictive enhancement for ensuring safe-guard well-being using machine learning technique	NHCE	8 Months	
	CSE	Gnanendra varma K	INTERNAL		NHCE	8 Months	
	CSE	Giri Sai Subhash	INTERNAL		NHCE	8 Months	
68	CSE	Lavanya N	INTERNAL	Anomaly Detection in Video Surveillance	NHCE	8 Months	
	CSE	Sowmya ML	INTERNAL		NHCE	8 Months	
	CSE	Sowrabha A	INTERNAL		NHCE	8 Months	
69	CSE	Niraj Lekhak	INTERNAL	VEHICLE NUMBER RECOGNITION	NHCE	8 Months	
	CSE	Tanishq Kushwaha	INTERNAL		NHCE	8 Months	
	CSE	Sanjeet Kumar Raj	INTERNAL		NHCE	8 Months	
70	CSE	Thupakula Yogesh Royal	INTERNAL	Mammography scans for breast cancer detection using CNN	NHCE	8 Months	
	CSE	Viswanadh U	INTERNAL		NHCE	8 Months	
	CSE	Vankadari Venkat Nikhil	INTERNAL		NHCE	8 Months	

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71	CSE	Yartha Likitha Reddy	INTERNAL	Accessible visual information retrieval for individuals with visual impairments	NHCE	8 Months	
	CSE	Simi Roshan	INTERNAL		NHCE	8 Months	
	CSE	Jinith Kumar G S	INTERNAL		NHCE	8 Months	
72	CSE	Chandhan roa. M	INTERNAL	Healthy: Multiple disease prediction.	NHCE	8 Months	
	CSE	Golla Umesh	INTERNAL		NHCE	8 Months	
	CSE	Gajula Yaswanth Sai	INTERNAL		NHCE	8 Months	
73	CSE	Sai Kumar Reddy J	INTERNAL	Brain Neoplasm Identification through Image Parsing	NHCE	8 Months	
	CSE	Shree Raksha C	INTERNAL		NHCE	8 Months	
	CSE	Solleti Hruday	INTERNAL		NHCE	8 Months	
74	CSE	Challa Vishnu Vardhan Reddy	INTERNAL	Parking space gesture	NHCE	8 Months	
	CSE	Chetan Ashok Kokatnur	INTERNAL		NHCE	8 Months	
	CSE	Chirag S Naik	INTERNAL		NHCE	8 Months	
75	CSE	Pooja T	INTERNAL	Counterfeit Medicine identification using blockchain technology	NHCE	8 Months	
	CSE	Sushmita S	INTERNAL		NHCE	8 Months	
	CSE	Vandana R	INTERNAL		NHCE	8 Months	
76	CSE	Triveni A	INTERNAL	Facilitating Secure Information Transfer via Cloud using Hybrid Cryptography	NHCE	8 Months	
	CSE	Tejaswini S	INTERNAL		NHCE	8 Months	
	CSE	Uma Maheshwari A	INTERNAL		NHCE	8 Months	
77	CSE	Roshani Ravish Borkar	INTERNAL	Good Foods: A Food Preservation Endeavor	NHCE	8 Months	
	CSE	Neha Mahale	INTERNAL		NHCE	8 Months	
	CSE	Niharikaa Bhattacharya	INTERNAL		NHCE	8 Months	
78	CSE	Solleti Hemanth	INTERNAL	fraud detection in banking data	NHCE	8 Months	
	CSE	Desu Udaysimha Reddy	INTERNAL		NHCE	8 Months	
	CSE	Venkata Sai Kumar Reddy	INTERNAL		NHCE	8 Months	
	CSE	Venkata Thanmai Kumar	INTERNAL		NHCE	8 Months	
79	CSE	Mannemala Sai Sumanth Reddy	INTERNAL	Enhanced Security: Lexical Features For Phishing Detection Of URL Detection	NHCE	8 Months	
	CSE	Polam reddy Sashanth reddy	INTERNAL		NHCE	8 Months	
	CSE	T Gnapika Reddy	INTERNAL		NHCE	8 Months	
80	CSE	S Mahesh Kumar	INTERNAL	InsightIQ: Curated Learning with AI	NHCE	8 Months	
	CSE	Shabrish hegde	INTERNAL		NHCE	8 Months	
	CSE	Sai srikanth	INTERNAL		NHCE	8 Months	
81	CSE	Pratyush Barman	INTERNAL	MI Mind: Mental healthcare Intervention	NHCE	8 Months	
	CSE	Sambhav Singh	INTERNAL		NHCE	8 Months	
	CSE	Rashi Agarwal	INTERNAL		NHCE	8 Months	
82	CSE	Sanjana Chinta	INTERNAL	Homomorphic Encryption for enhanced Healthcare Privacy	NHCE	8 Months	
	CSE	Shivani Biradar	INTERNAL		NHCE	8 Months	
	CSE	Sathvik s Shet	INTERNAL		NHCE	8 Months	
83	CSE	Anikait Galla	INTERNAL	Empowering the visually Impaired with voice Enabled Communication	NHCE	8 Months	
	CSE	Manav Gupta	INTERNAL		NHCE	8 Months	
	CSE	Nishanth Prabhuram	INTERNAL		NHCE	8 Months	
	CSE	Manikanta P	INTERNAL		NHCE	8 Months	

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84	CSE	Dadapuram Rithvik	INTERNAL	Futuristic Doctor	NHCE	8 Months	
	CSE	Arnab Hembram	INTERNAL		NHCE	8 Months	
85	CSE	Ashish Kumar Jha	INTERNAL	Enhancing Online Security: Deep Learning for Phishing Detection	NHCE	8 Months	
	CSE	Abhinav D	INTERNAL		NHCE	8 Months	
	CSE	Antony Marvic Murera	INTERNAL		NHCE	8 Months	
86	CSE	Sirisha M	INTERNAL	Chart career using Artificial Intelligence and Data Analytics	NHCE	8 Months	
	CSE	Vaishnavi Nayak	INTERNAL		NHCE	8 Months	
87	CSE	Muskan Banu	INTERNAL	Dr Roja Ramani	NHCE	8 Months	
	CSE	Mohseena	INTERNAL		NHCE	8 Months	
	CSE	Hamsa A	INTERNAL		NHCE	8 Months	
88	CSE	Pranav Srinivas Barad	INTERNAL	code pulse	NHCE	8 Months	
	CSE	Gaurav Patil	INTERNAL		NHCE	8 Months	
	CSE	Priyanshu Jangir	INTERNAL		NHCE	8 Months	
89	CSE	V Lakshmi Meghana	EXTERNAL	Satellite Visualization Toolkit based on Auiliary Data	ISRO	8 Months	
90	CSE	Shreya Charan	INTERNAL	Prediction of diseases using Machine learning algorithms	NHCE	8 Months	
	CSE	Shanmuk Srinivas	INTERNAL		NHCE	8 Months	
	CSE	Simran Jha	INTERNAL		NHCE	8 Months	
91	CSE	Varun R Kolor	INTERNAL	General Recommendations system Using Cosine Similarity and Genetic Algorithm	NHCE	8 Months	
	CSE	Vishal M A	INTERNAL		NHCE	8 Months	
	CSE	Mohneish Jayanth	INTERNAL		NHCE	8 Months	
92	CSE	Ankan Bandyopadhyay	INTERNAL	24/7 weather Android APK	NHCE	8 Months	
	CSE	Rounak Chhetri	INTERNAL		NHCE	8 Months	
	CSE	M Skanda Kashyap	INTERNAL		NHCE	8 Months	
93	CSE	Pradeep Prakash	INTERNAL	NeuroGlimpse:HGG brain tumour Detection via segmentation and deep learning	NHCE	8 Months	
	CSE	Punith KK	INTERNAL		NHCE	8 Months	
	CSE	Vijay Goud Patil	INTERNAL		NHCE	8 Months	
94	CSE	Indibar Dutta	INTERNAL	Smart Phishing Website Detection using Machine Learning.	NHCE	8 Months	
	CSE	Faraz Shahjahan	INTERNAL		NHCE	8 Months	
	CSE	Syed Zaid Zakir	INTERNAL		NHCE	8 Months	
95	CSE	Varun M G	INTERNAL	An Improved attendance moitoring system through facial recognition using RetinaFace Algorithm	NHCE	8 Months	
	CSE	Vishvash Bohra	INTERNAL		NHCE	8 Months	
	CSE	Vrushil Ashokkumar Kalsariya	INTERNAL		NHCE	8 Months	
96	CSE	Adarsh Bengalur	INTERNAL	Design and Analysis of Cryptographic Technique for Communication System	NHCE	8 Months	
	CSE	Abdullah Tanzeem Siddiqui	INTERNAL		NHCE	8 Months	
	CSE	Ahmad Raza	INTERNAL		NHCE	8 Months	
97	CSE	Rahul Pratap Srivastava	INTERNAL	AI powered CCTV analysis for crowd management, threat detection, and anomaly identification.	NHCE	8 Months	
	CSE	Rahul Vivek Nair	INTERNAL		NHCE	8 Months	
	CSE	Kaushik Kumar	INTERNAL		NHCE	8 Months	
98	CSE	Preran V	INTERNAL	Cuberside recycling programs	NHCE	8 Months	
	CSE	Ruthvik D N	INTERNAL		NHCE	8 Months	
	CSE	G V Srushil	INTERNAL		NHCE	8 Months	

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FIELD PROJECT UNDERTAKEN BY STUDENTS - AY 2023-24

Team No.	Dept	Name of the Student	Internal/External	Project Title	Organisation	Project Duration	External Guide
99	CSE	Abhishek C R M	INTERNAL	Skin cancer identification and classification by using segmentation image processing algorithm	NHCE	8 Months	
	CSE	G Pavan Kumar	INTERNAL		NHCE	8 Months	
	CSE	V Puneeth kumar	INTERNAL		NHCE	8 Months	
100	CSE	Prajwal A	INTERNAL	Virtual fitness trainer using artificial intelligence	NHCE	8 Months	
	CSE	Swathi v	INTERNAL		NHCE	8 Months	
	CSE	E R Naga Chaithanya	INTERNAL		NHCE	8 Months	
101	CSE	Suraj S	INTERNAL	Title:- Detection of Stress in IT employees.	NHCE	8 Months	
	CSE	Sujith Srin	INTERNAL		NHCE	8 Months	
	CSE	R Ganesh Chandhan	INTERNAL		NHCE	8 Months	
102	CSE	MD Minhaj Ali	INTERNAL	Tennis Game Analysis Using machine learning	NHCE	8 Months	
	CSE	Shreyaba Pradipsinh Gohil	INTERNAL		NHCE	8 Months	
103	CSE	Rakshit Raj	INTERNAL	E-Health Record Management and Distribution using Cloud	NHCE	8 Months	
	CSE	Shahana Khan	INTERNAL		NHCE	8 Months	
	CSE	Dhiraj Kumar pandit	INTERNAL		NHCE	8 Months	
104	CSE	SM Subhani Basha	INTERNAL	Diabetic Retinopathy using CNN and Matlab	NHCE	8 Months	
105	CSE	Vallur Mohammed Arsh	INTERNAL	Real Time Language Translation Based On Voice Recognition	NHCE	8 Months	
	CSE	K Shreecharan	INTERNAL		NHCE	8 Months	
106	CSE	Purushothama S	INTERNAL	Analysis of trending NFTs using Time Series Techniques	NHCE	8 Months	
	CSE	Ullas B S	INTERNAL		NHCE	8 Months	
	CSE	Rahul Babu Reddy	INTERNAL		NHCE	8 Months	
107	CSE	Jumainah Khan	INTERNAL	Interactive use of Generative AI with facial expression recognition	NHCE	8 Months	
	CSE	Saifudeen Hisham K M	INTERNAL		NHCE	8 Months	
108	CSE	Marthathi Vinayarakumar	INTERNAL	Sentimental Analysis of Twitter During Covid-19 Pandemic	NHCE	8 Months	
	CSE	P R Vishwanath	INTERNAL		NHCE	8 Months	
110	CSE	Vishnu Vardhan Reddy	INTERNAL	Spam Comments Detection in Youtube	NHCE	8 Months	
	CSE	Sreenath reddy	INTERNAL		NHCE	8 Months	
111	CSE	Nikhil Kumar V	INTERNAL	Cloud Based Waste Management using Dijkstra's algorithm	NHCE	8 Months	
112	CSE	J Jai Sudhan	INTERNAL	Wifi talking robot using node MCU	NHCE	8 Months	
113	CSE	Akshay Herle	INTERNAL	Ecological Surveillance and Crisis Management: Early Forest Fire Prediction and Endangered Species Identification.	NHCE	8 Months	
	CSE	Aman Kumar Jha	INTERNAL		NHCE	8 Months	
	CSE	Shaksham	INTERNAL		NHCE	8 Months	
114	CSE	Nikhil	INTERNAL	surveillance in forests using drones	NHCE	8 Months	
	CSE	Nikhil	INTERNAL		NHCE	8 Months	
	CSE	Prathik	INTERNAL		NHCE	8 Months	
115	CSE	Nischith	INTERNAL	Improved learning based on GENAI	NHCE	8 Months	
	CSE	Saksham	INTERNAL		NHCE	8 Months	
116	CSE	Manik	INTERNAL	User friendly mechanism to alert	NHCE	8 Months	
	CSE	Sudeep M Arashingodi	INTERNAL		NHCE	8 Months	
117	CSE	Siva nath yadav	INTERNAL	Interpretable skin cancer classification using optimize convolutional neural network for a	NHCE	8 Months	
	CSE	Alturu venkata siva reddy	INTERNAL		NHCE	8 Months	
	CSE	Sai pavan kalyan	INTERNAL		NHCE	8 Months	

NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
FIELD PROJECT UNDERTAKEN BY STUDENTS - AY 2023-24

Team No.	Dept	Name of the Student	Internal/External	Project Title	Organisation	Project Duration	External Guide
	CSE	Kaerapath abhishek	INTERNAL	smart healthcare systems	NHCE	8 Months	


PROJECT COORDINATOR

HOD-C


19.jul.24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“AI-POWERED CARGO INSPECTION”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AKSHATHA.P : 1NH20CS021

ANUSHKA SAXENA: 1NH20CS033

BHASKARUNI VASUMATI: 1NH20CS048

Under the guidance of

Dr.Meenakshi Sundaram

Professor

Department of CSE

ACADEMIC YEAR 2023-24





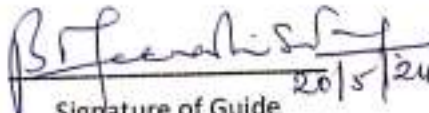
NEW HORIZON COLLEGE OF ENGINEERING

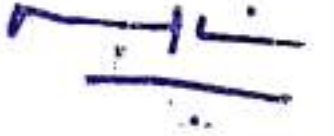
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Accredited by NAAC with 'A' Grade & Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "AI-POWERED CARGO INSPECTION" is a bonafide work carried out by AKSHATHA.P (1NH20CS021), ANUSHKA SAXENA (1NH20CS033) and BHASKARUNI VASUMATI (1NH20CS048) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

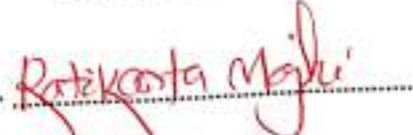


Signature of Guide 20/5/24
(Dr. Meenakshi Sundaram)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. 
2.  27/5/24


 27/5/24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“SMART CITY TRAFFIC MANAGEMENT”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RAHUL GONELA : 1NH20CS079

J GANESH CHOWDARY : 1NH20CS094

K THIRUMAL REDDY : 1NH20CS103

Under the guidance of

Dr.B.MEENAKSHI SUNDARAM

Professor

Department of CSE

2023-24



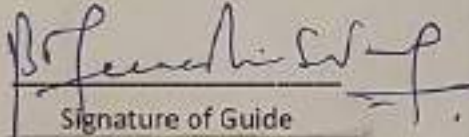
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Smart City Traffic Management" is a bonafide work carried out by RAHUL GONELA (1NH20CS079), JARUGULA GANESH CHOWDARY (1NH20CS094) and K THIRUMAL REDDY (1NH20CS103) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Dr. B. Meenakshi Sundaram)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Rajalakshmi Majhi
2. Dr. B. Meenakshi Sundaram 27/5/24

Rajalakshmi 27/5/24
Dr. B. Meenakshi Sundaram 27/5/24



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"INDIAN TONGUE TO TEXT"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PARSHWA B PATIL-1NH20CS151

NISHANTH L -1NH20CS145

MEZBA U AHMED -1NH20CS128

Under the guidance of

Dr. Dhanalakshmi

Sr. Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



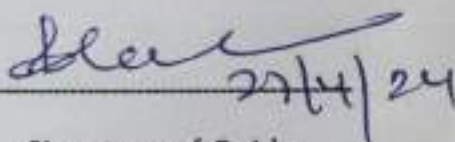
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

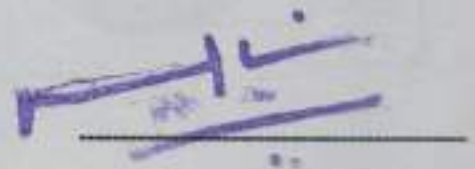
CERTIFICATE

It is hereby certified that the Project Phase-1 work entitled "INDIAN TEXT TO TONGUE" is a bonafide work carried out by PARSHWA B PATIL (1NH20CS151 in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


27/4/24

Signature of Guide

(Dr. Dhanalakshmi)



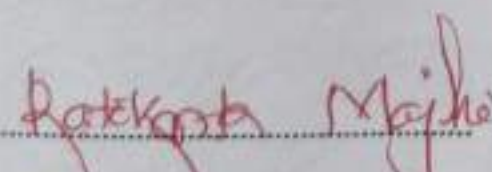
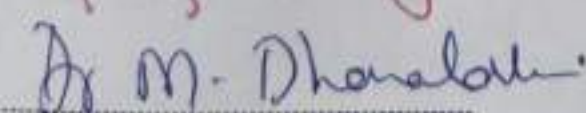
Signature of HOD

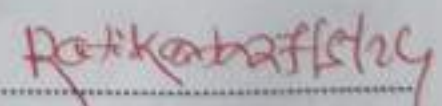
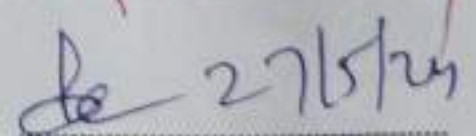
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. 
.....
2. 
.....


.....

27/5/24
.....



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AN PROJECT PHASE-2 REPORT (20CSE84A)

on

“UnifiedHealth Hub”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ABDUL TAQUI : 1NH20CS004

BABAJAN M : 1NH20CS043

BHARATH SJ : 1NH20CS046

Under the guidance of

Dr. Nirmala M

Professor

Department of CSE, NHCE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

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ACADEMIC YEAR 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "UnifiedHealth Hub: Transforming Healthcare Data Ecosystem for Swift and Informed Interventions" is a bonafide work carried out by BABAJAN M(1NH20CS043),BHARATH SJ (1NH20CS046) and ABDULTAQUI (1NH20CS004) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Signature of Guide
(Dr. Nirmala M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Ratnakanta

Ratnakanta 27/5/24

2. Dr. M. Dhanalakshmi

Dr. M. Dhanalakshmi 27/5/24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Digital Pravesh Pranali”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SARAS VERMA : 1NH20CS196

SUNAYAN DUTTA : 1NH20CS220

VAIBHAV JAIN : 1NH20CS236

Under the guidance of

Dr. Sonali J. Mahure

Associate Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Digital Pravesh Pranali" is a bonafide work carried out by SARAS VERMA (1NH20CS196), SUNAYAN DUTTA (1NH20CS220) and VAIBHAV JAIN (1NH20CS236) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Sonali J. Mahure)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Ratikanta Majhi
2. Dr. M. Dhavalak

Signature with date

Ratikanta 29/5/24
Dheer 29/5/24



**NEW HORIZON
COLLEGE OF ENGINEERING**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“E-COMMERCE TREND PREDICTION SOFTWARE ”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

IMMANUEL DSOUZA : 1NH20CS090

JEFERSON X : 1NH20CS096

JEREMIE DSOUZA : 1NH20CS097

Under the guidance of

Dr. Santhosh Krishna B V

Associate Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "E-COMMERCE TREND PREDICTION SOFTWARE " is a bonafide work carried out by IMMANUEL DSOUZA (1NH20CS090), JEFERSON X (1NH20CS096) and JEREMIE DSOUZA (1NH20CS097) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Santhosh Krishna B V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Kantaraj M. M. M.
2. Dr. M. Dhanalakshmi

Dr. Kantaraj M. M. M.
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**Deep Learning based Cyclone Intensity Estimation
using INSAT-3D IR Imagery**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

JITHIN VINOD: 1NH20CS099

K M KOMAL: 1NH20CS102

JOSHUA JAMES 1NH20CS266

Under the guidance of

Ms. Sivapriya

Assistant Professor

Department of CSE

2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Deep Learning Based Cyclone Intensity Estimation using INSAT-3D IR Imagery" is a bonafide work carried out by JITHIN VINOD (1NH20CS099), K M KOMAL (1NH20CS102) and JOSHUA JAMES (1NH20CS266) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Sivapriya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Dr. M. Dhanalakshmi

Signature with date



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

“Detecting plant pathogens: Using deep learning with Densenet201”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Kumarswamy Y M -1NH20CS115

Likith M-1NH20CS117

Kiran Raghav S Reddy-1NH20CS111

Under the guidance of

Dr.Ashok K

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



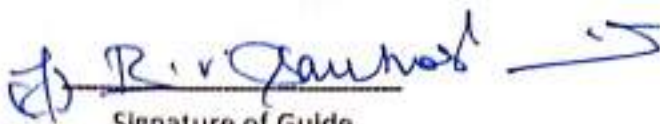
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Detecting plant pathogens: Using deep learning with Donsonot201" is a Bonafede work carried out by Kumarswamy Y M (1NH20CS115), Likith M (1NH20CS117), Kiran Raghav S Reddy(1NH20CS111) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



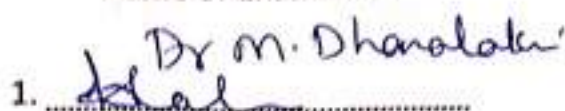
Signature of Guide
(Dr. Ashok K)



Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

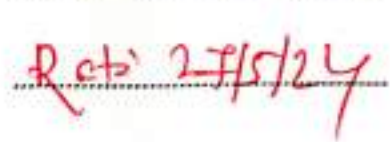
Name of Examiner

1. 

2. 

Signature with date







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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"PREDICTION OF DEFORESTATION USING MACHINE
LEARNING"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ARPIT DAGA: 1NH20CS303

KAJAL SINHA: 1NH20CS289

PRANAV RAM K: 1NH20CS304

Under the guidance of

Dr. M. Dhanalakshmi

PROFESSOR,
DEPARTMENT OF
CSE

2023-24





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "PREDICTION OF DEFORESTATION USING MACHINE LEARNING" is a bonafide work carried out by ARPIT DAGA (1NH20CS303), KAJAL SINHA (1NH20CS289), PRANAV RAM K (1NH20CS304) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.



Signature of Guide
(Dr. M. Dhanalakshmi)



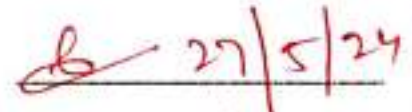
Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. M. Dhanalakshmi



2. Rajalakshmi Rajkumar





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“JOBLINKER : A PLACEMENT WEB APP”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RIYA SARKAR : 1NH20CS184

SOUVIK DAS : 1NH20CS213

VINIT DADYALA : 1NH20CS246

Under the guidance of

Dr. D Roja Ramani

Associate Professor

Department of CSE

2023-24




NEW HORIZON COLLEGE OF ENGINEERING


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "JOBLINKER: A PLACEMENT WEB APP" is a bonafide work carried out by RIYA SARKAR (1NH20CS184), SOUVIK DAS (1NH20CS213) and VINIT DADYALA (1NH20CS246) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Dr. D Roja Ramani)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. 
2. 






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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Screen Time Monitoring using Generative AI”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ADVAITH SUNIL : 1NH20CS015

ADARSH NAIR : 1NH20CS013

AVINASH G : 1NH20CS038

Under the guidance of

Dr. Vijaysekar

Associate Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Screen Time Analysis using Generative AI" is a bonafide work carried out by ADARSH NAIR (1NH20CS013), ADVAITH SUNIL (1NH20CS015) and AVINASH G (1NH20CS038) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

G. V. Vijaysekaran

Signature of Guide
(Dr. Vijaysekaran)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Ratnakanta Majhi
2. Dr. M. Dharmalingam

Signature with date

Ratnakanta Majhi
2/16/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“A RISK ANALYSIS TOOL FOR THE ASSESSMENT OF DIABETIC PAIENTS USING
MACHINE LEARNING-BASED ALGORITHM”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AAYET HASHMI : 1NH20CS003

GOWTHAMI M D : 1NH21CS404

MEGHANA C M : 1NH21CS407

Under the guidance of

**Dr.Nirmala M
Professor
Department of CSE**

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "A RISK ANALYSIS TOOL FOR THE ASSESSMENT OF DIABETIC PAIENTS USING MACHINE LEARNING-BASED ALGORITHM" is a bonafide work carried out by Aaylet Hashmi(1NH20CS003), Gowthami MD(1NH21CS404) and Meghana CM(1NH21CS407) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Nirmala M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Ratnakanta Mejhe
2. Dr M. Dheralakshmi

Signature with date

Ratnakanta 27/5/24
Dr 27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"FarmTech: IoT based agriculture application"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ANANYA K	: 1NH20CS105
LAKSHMEESH K P	: 1NH20CS116
PRANAV PRADEEP KULKARNI	: 1NH20CS159

Under the guidance of

Dr. Santhosh Krishna B V
Associate Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "FarmTech: IoT based agriculture application" is a bonafide work carried out by **ANANYA K (1NH20CS105)**, **LAKSHMEESH K P (1NH20CS116)** and **PRANAV PRADEEP KULKARNI (1NH20CS159)** in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr Santhosh Krishna B V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Nizumude M
2. Dr. Chhaya Suryabhan Dule

Signature with date



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"Resilience Rising: Innovations in Disaster Management"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERINGBY

RAGHU C -1NH20CS175

ROHAN GOWDA -1NH20CS185

SHREYAS KULKARNI -1NH20CS207

Under the guidance of

Dr. Ashok K

Associate Professor

Computer Science and Engineering Department

New Horizon College of Engineering

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

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Academic Year: 2023-24



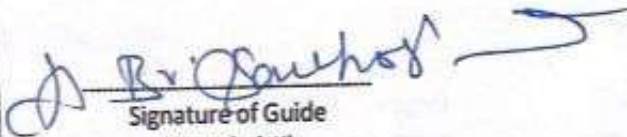
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Resilience Rising: Innovations in Disaster Management" is a Bonafede work carried out by RAGHU C(1NH20CS175), ROHAN GOWDA (1NH20CS185), SHREYAS KULKARNI (1NH20CS207) in partial fulfilment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Dr. Ashok K)


Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

- Name of Examiner
1. Dr Nimrod M.
 2. Dr. Chhaya Suryakhan Dule

Signature with date





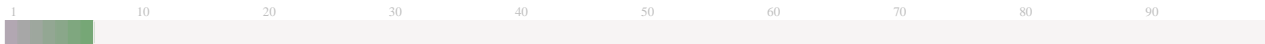

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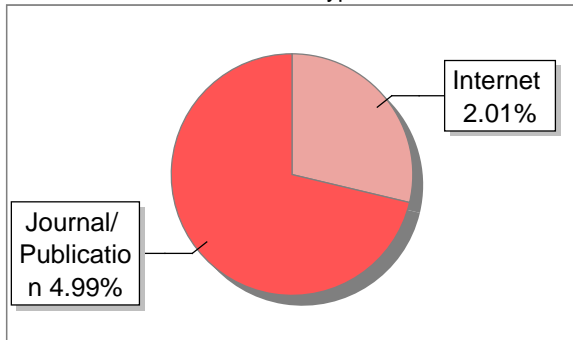
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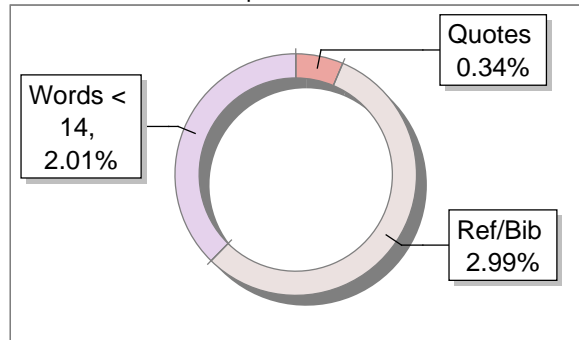
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

Greenscape Survey: Enhancing Indoor and Garden Plant Health

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SUBHAM NAHAK : 1NH20CS273

ARNAV GUPTA : 1NH20CS278

JENISH SHRESTHA : 1NH20CS257

Under the guidance of

Dr.D.Roja Ramani

Associate Professor

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **Greenscape Survey: Enhancing Indoor and Garden Plant Health** is a bonafide work carried out by SUBHAM NAHAK (1NH20CS273), ARNAV GUPTA (1NH20CS278) and JENISH SHRESTHA (1NH20CS257) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. D. Roja Ramani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Nirmala M

MS
27/5/24

2. Dr. Abhaya Suryabhan Dule

AS
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"MediScript: Physician Writing Analyzer"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

KIRTHAN R : 1NH20CS174

RUCHIR NAYAK : 1NH20CS186

SHIFRA GRACELINE : 1NH20CS203

Under the guidance of

Dr. D Roja Ramani

Associate Profesor

Department of CSE

2023-24




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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "MediScript: Physician Writing Analyzer" is a bonafide work carried out by KIRTHAN R (1NH20CS174), RUCHIR NAYAK (1NH20CS186) and SHIFRA GRACELINE (1NH20CS203) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Dr. D Roja Ramani)

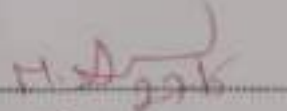

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Nirmala M



2. Dr. Akaya Sushobhan Dule


22/5/24



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PROJECT PHASE-II REPORT (20CSE84A)

ON

"Fake Product Identification System"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Jainam Jain -1NH20CS274

Anushka Dharan -1NH20CS261

Shivswami Sachin Chavan – 1NH20CS285

Under the guidance of

Ms. Vernika Singh

Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

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Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-11work entitled "Fake Product Identification System" is a bonafide work carried out by Jainam Jain (1NH20CS274), Anushka Dharan (1NH20CS261), Shivswami Sachin Chavan (1NH20CS285) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Vernika Singh)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. Dr. Nirvande M

MA
22/5

2. Dr. Abhaya Suryabhan Dule

AS
23/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“SMART FIT- Elevating Fashion with Image Processing”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PAVANA SHANTARAM NAYAK: 1NH20CS154

PRATHAM R UPADHYE: 1NH20CS163

SUNNY GUPTA: 1NH21CS419

Under the guidance of

Ms. ASHA RANI BORAH
Senior Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-1 work entitled "SMART FIT- Elevating Fashion with Image Processing" is a bonafide work carried out by Pavana Shantaram Nayak (1NH20CS154), Pratham R Upadhye (1NH20CS163), Sunny Gupta (1NH21CS419) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Asha Rani Borah)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. Dr. Nirmala M
2. Dr. Ahaya Suryabroto Dule



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"AGRO WORLD: THE FARMER'S CHOICE"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

DICKSHITH RAJ N : 1NH20CS069

GANESH : 1NH20CS075

AVINASH V RAJANALKAR : 1NH21CS401

(Under the guidance of

Dr. SONALI MAHURE

Associate Professor
Department of CSE, NHCE

2023-24



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Accredited by NAAC with 'B' Grade & Association by ISCA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "AGRO WORLD: THE FARMER'S CHOICE" is a laudable work carried out by DICKSHITH BAJAJ (19H00CS008), GANESH (19H20CS075) and ANVASHY RAJAWALKAR (19H21CS400) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Sonali Mishra)

Signature of HOD
(Dr. K. Rajalakshmi)

External Vise

Name of Examiner

Signature with date

1. Dr. Nirmala M

2. Dr. Chaya Sureshwar Dote



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Artizone: An E-Commerce website for artisans"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AKANGSHA DAS: 1NH20CS019

AASTHA SINGH: 1NH20CS002

Under the guidance of

Ms. NAYANA N KUMAR

Assistant Professor

Department of CSE

2023-24




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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase work entitled "Artizone: An E-Commerce website for artisans" is a bonafide work carried out by AKANGSHA DAS (1NH20CS019) and AASTHA SINGH (1NH20CS002) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Ms. Nayana N Kumar)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr Nirmala



2. _____



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"CROP RECOMMENDATION SYSTEM USING MACHINE
LEARNING"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

HARISH E : 1NH20CS082

HARISURYA S : 1NH20CS083

JAYANTH R REDDY : 1NH20CS095

Under the guidance of

**Ms. Pramilarani K
Senior Assistant Professor
Department of CSE**

2023-24



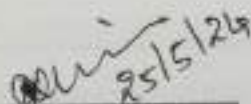
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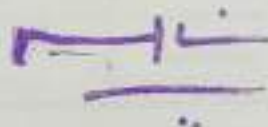
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Crop Recommendation System Using Machine Learning" is a bonafide work carried out by HARISH E (1NH20CS082), HARISURYA S (1NH20CS083) and JAYANTH R REDDY (1NH20CS095) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


25/5/24

Signature of Guide
(Ms. Pramilarani K)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva


Name of Examiner

Signature with date

1. Dr. Nimmala M


27/5

2. Dr. Abaya Sanyalank Dule


27/5/24



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A PROJECT PHASE-2 REPORT (20CSE78A)

ON

"College Connection A Score Based Major Selection"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Abhisheka Aili-1NH20CS010

Shreepadha-1NH20CS206

Spurti Mathapati-1NH20CS215

Under the guidance of

Ms. Pramilarani K

Sr. Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

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Academic Year: 2023-24




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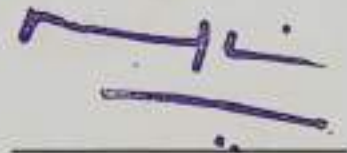
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "College Connection A score based major selection" is a bonafide work carried out by Abhisheka Aili(1NH20CS010), Shreepadha(1NH20CS206), Spurti Mathapati(1NH20CS215) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Ms. Pramilarani K)

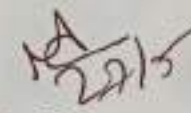
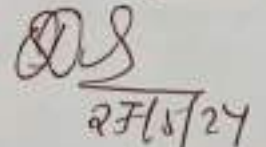

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. Dr. Nirmala M
2. Dr. Akaya Suryashar Dule



27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Identifying Fake Accounts on Internet Community”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

S PYATI VINAYAKA : 1NH21CS416

RAJA SRUJANA : 1NH20CS179

T PRATHYUSHA : 1NH20CS281

Under the guidance of

Mr. Bhaskar S V

Sr. Asst. Professor

Department of CSE

2023-24



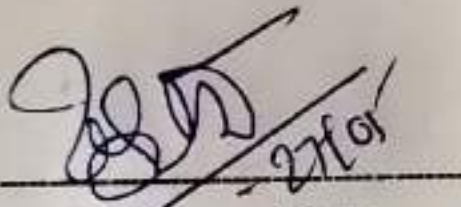
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Identifying Fake Accounts On Internet Community" is a bonafide work carried out by S PYATI VINAYAKA (1NH21CS416), RAJA SRUJANA (1NH20CS179) and T PRATHYUSHA (1NH20CS281) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.



Signature of Guide
(Mr. Bhaskar S V)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr Nimade M

[Signature]
27/5/24

2. Dr Chhaya Suryashan Dale

[Signature]
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Osteoporosis Detection Using Machine Learning”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

TUSHAR SR : 1NH20CS231

SUDEEP V TUPPAD : 1NH20CS217

Under the guidance of

Ms. Soja Rani

Senior Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Osteoporosis Detection Using Machine Learning" is a bonafide work carried out by TUSHAR SR (1NH20CS231), SUDEEP V TUPPAD (1NH20CS217) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Soja Rani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. J. MARUTHUPANDI
S. KUMARAN
2. S. Kanyanay
27/05/24

Signature with date

J. Maruthupandi 27/05/24
S. Kanyanay
27/05/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Face Based Attendance and Behaviour Tracking”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ANINDHITHA M : 1NH20CS029

BHAVANI B : 1NH20CS049

BHAVYA S : 1NH20CS050

Under the guidance of

Dr.G.Vijayasekaran

Associate Professor

Department of CSE

2023-2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Face Based Attendance and Behaviour Tracking" is a bonafide work carried out by ANINDHITHA M (1NH20CS029), BHAVANI B (1NH20CS049) and BHAVAYA S (1NH20CS050) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

G. vijayasekaran

Signature of Guide
(Dr. G. Vijayasekaran)

[Handwritten Signature]

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. J. MARUTHUJAN

[Handwritten Signature] 27/5/24

2. S. KUMARAN

[Handwritten Signature]
27/5/24



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

Integrated Biometric-Based Smart Attendance System: A Fusion of Face Recognition and Fingerprint Authentication

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Gayathri Valiveti -1NH20CS077

Jai Sandeep Kumar MR -1NH20CS093

Kotera R Priya -1NH20CS114

Under the guidance of

Ms. Senthil Anandhi A

Senior Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



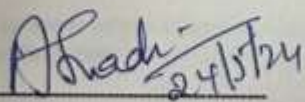
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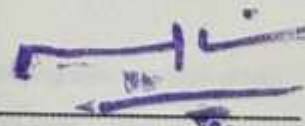
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-1 work entitled "Integrated Biometric-Based Smart Attendance System: A Fusion of Face Recognition and Fingerprint Authentication" is a bonafide work carried out by Gayathri Vallveti (1NH20CS077), Jai Sandeep Kumar MR (1NH20CS093), Kotera R Priya(1NH20CS114) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


24/5/24

Signature of Guide
(Ms. Senthil Anandhi A)



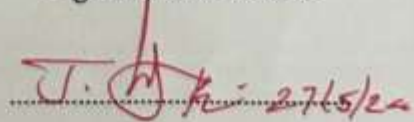
Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

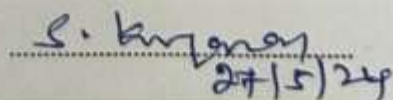
Name of Examiner

Signature with date

1. DR. J. MARUTHUPANDI


27/5/24

2. S. KUMARAN


27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Real-Time Pothole Detection for Enhanced Road
Safety”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MALVIKA GOLEKAR : 1NH20CS122

PRERNA UBANA : 1NH20CS168

PRUTHVI REDDY V : 1NH20CS170

Under the guidance of

Dr. Santosh Kumar B
Senior Assistant Professor
Department of CSE

2023-24



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Accredited by NAAC with 'A' Grade & Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "**Real-Time Pothole Detection for Enhanced Road Safety**" is a bonafide work carried out by MALVIKA GOLEKAR (1NH20CS122), PRERNA UBANA (1NH20CS168) and PRUTHVI REDDY V (1NH20CS170) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Santosh Kumar B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. J. MARUTHU MANOJ
2. S. KUMARAN

Signature with date

J. Maruthu Manoj
S. Kumaran
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"PLANT DISEASE DETECTION USING DEEP LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NINADA B N:1NH20CS142

PAVITHRA S:1NH20CS155

PRAPTHI C S:1NH20CS162

Under the guidance of

Ms. Bandari Channaraya Priya

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "PLANT DISEASE DETECTION USING DEEP LEARNING" is a bonafide work carried out by NINADA B N -1NH20CS142, PAVITHRA S-1NH20CS155, PRAPTHI C S-1NH20CS162 in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Bandari Channarayana
Priya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. DR. J. VARATHAPANDI
2. S. KUMARAN

Signature with date



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Machine Learning Predictive Models for Autism
Spectrum Disorder using Eye-Tracking Technology”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ANUSHA PEREIRA : 1NH20CS016
JESSICA VAREED : 1NH20CS098
KEERTHANA SALOME JOSHUA : 1NH20CS110

Under the guidance of

**Mrs. Yogitha Sharma
Sr. Assistant Professor**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Machine Learning Predictive Models for Autism Spectrum Disorder using Eye-Tracking Technology" is a bonafide work carried out by ANUSHA PEREIRA (1NH20CS016), JESSICA VAREED (1NH20CS098) and KEERTHANA SALOME JOSHUA (1NH20CS110) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Mrs. Yogitha Sharma)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. DR. J. MARUTHU PANDIT

J. Rajalakshmi 27/5/24

2. S. Kumaaran

S. Kumaaran
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Empowering Law Enforcement and Emergency: An In-Depth
Exploration of Criminal Face Detection Technology Integrated
with Emergency SOS Sending Protocols”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ANSHUL GUPTA : 1NH20CS031

DEBASISH PATRA K : 1NH20CS066

Under the guidance of

Ms. Pramilarani K

Senior Assistant

Professor

Department of CSE

ACADEMIC YEAR 2023-24



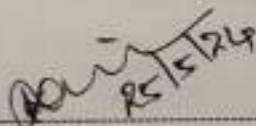
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Empowering Law Enforcement and Emergency: An In-Depth Exploration of Criminal Face Detection Technology Integrated with Emergency SOS Sending Protocols" is a bonafide work carried out by ANSHUL GUPTA (1NH20CS031) and DEBASISH PATRA K (1NH20CS066) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


25/5/24

Signature of Guide
(Ms. Pramilarani K)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. J. Maruthi Prasad

2. S. Kumaran

Signature with date

J. Maruthi Prasad
27/5/24

S. Kumaran
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"INNOVATION IN EDUCATION"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

Supreeth R: 1NH20CS221

Sneha N: 1NH20CS210

Jayasweth S: 1NH20CS187

Under the guidance of

Ms. Vermika Singh

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Innovation in Education" is a bonafide work carried out by Jayaswetha (1NH20CS187), Sneha N(1NH20CS210) and Supreeth R (1NH20CS221) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Vernika Singh)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. J. Maruthayandi
2. S. Kumaran

Signature with date



DrillBit Similarity Report

10

12

A

SIMILARITY %

MATCHED SOURCES

GRADE

A-Satisfactory (0-10%)

B-Upgrade (11-40%)

C-Fair (41-60%)

D-Unacceptable (61-100%)

CATEGORY	MATCHED DOMAIN	%	SOURCE TYPE
	REPOSITORY - Submitted to VTU Examination 2 on 2024-04-24 15:48	4	Student Paper
	journalofbigdata.springeropen.com	1	Internet Data
	www.primis.com	1	Internet Data
	arduino-research-papers.blogspot.com	1	Internet Data
	turcomat.org	1	Publication
	SPAM EMAIL DETECTION WITH MACHINE LEARNING OPTIMIZED WITH BIOINSPIRED METAHEURISTIC ALGOR BY 19JJD5806 Yr-2021 SUBMITTED TO JNTU	1	Student Paper
	apps.dtic.mil	1	Publication
	Submitted to Visvesvaraya Technological University, Belagavi	<1	Student Paper
	journal.uad.ac.id	<1	Publication
	www.researchgate.net	<1	Internet Data
	cnr.it.ac.in	<1	Publication
	doxplayer.info	<1	Internet Data



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"POULTRY PATHOGEN DETECTION: USING DEEP
LEARNING FOR COCCIDIOSIS DETECTION"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

HARSHITHA S : 1NH20CS088

K LIKHITHA : 1NH20CS101

KATTA R G VARSHINI : 1NH20CS108

Under the guidance of

Ms. ANAPARTHI YASASWI

Assistant Professor

Department of CSE

2023-24



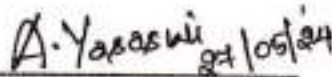
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Poultry Pathogen Detection: Using Deep Learning For Coccidiosis Detection" is a bonafide work carried out by HARSHITHA S(1NH20CS088), K LIKHITHA(1NH20CS101) and KATTA R G VARSHINI(1NH20CS108) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.



Signature of Guide
(Ms. Anaparthi Yasaswi)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

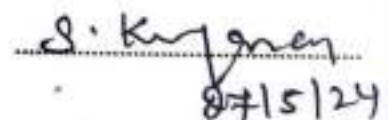
Name of Examiner

1. DR. J. MARUTHU PANDI

2. S. KUMARAN

Signature with date


27/5


27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Skin DeepTech: Classification With CNN
And Machine Learning ”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NEELA KUMARI : 1NH20CS135

NEKKANTI HIMASRI : 1NH20CS137

PRERANA PRADEEP : 1NH20CS167

Under the guidance of

**Ms. Subhashree Rath
Senior Assistant Professor
Department of CSE**

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Skin DeepTech: Classification With CNN And Machine Learning" is a bonafide work carried out by NEELA KUMARI (1NH20CS135), NEKKANTI HIMASRI (1NH20CS137), PRERANA PRADEEP (1NH20CS167) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Subhashree Rath)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. DR. J. YAKUSHU PANDI
2. S. KUMARAN

Signature with date



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A PROJECT PHASE-2 REPORT (20CSE78A)

ON

**"ROADSENSE: REAL-TIME TRAFFIC SIGN DETECTION FOR SAFER
COMMUTES"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABINAYA S -1NH20CS011

GUNTIMADUGU POOJA -1NH20CS080

HARSHITA R -1NH20CS086

Under the guidance of

Ms. Chitra C

Senior Assistant Professor

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
NEW HORIZON COLLEGE OF ENGINEERING**

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "ROADSENSE: REAL-TIME TRAFFIC SIGN DETECTION FOR SAFER COMMUTES" is a bonafide work carried out by ABINAYA S (1NH20CS011), GUNTIMADUGU POOJA (1NH20CS080), HARSHITA R (1NH20CS086) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Chitra C)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. Dr. J. MARDHUNJAN

J. Mardhunan 27/5/24

2. S. Kumaran

S. Kumaran 27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Smart Audio Recognition System
Using Machine Learning”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

KAPIL M:1NH20CS104

BHAVESH BHOSALE:1NH21CS402

NANDAN PATIL:1NH21CS410

Under the guidance of

Ms. Srividhya G

Sr. Assistant Professor

Department of CSE



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Smart audio recognition system using machine learning" is a bonafide work carried out by KAPIL M (1NH20CS104), BHAVESH BHOSALE(1NH21CS402) and NANDAN PATIL(1NH21CS410) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

*Project format is wrong.
Didn't attend project review also.*

Signature of Guide
(Ms. Srividhya G)

Signature of HOD
(Dr. B. Rajalakshmi)

Report Generated

Wame of Examiner

External Viva

Signature with date

1. J. MAROTHUJANDI

2. S. KUMARAN

J. Marothujandi
27/4/24

S. Kumaran
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“MIGRATION PREDICTION USING ENSEMBLE
LEARNING”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

VINOD KUMAR M S : 1NH20CS247

VINOTH P : 1NH20CS248

YASHWANTH L : 1NH20CS254

Under the guidance of

Ms.KAVITHA U

ASSISTANT PROFESSOR

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Migration Prediction Using Ensemble Learning" is a bonafide work carried out by Vinod Kumar M S (1NH20CS247), Vinoth P(1NH20CS248) and YASHWANTH L(1NH20CS254) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Kavitha U)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. J. YARUTHU PANDI

2. S. Kumaran

Signature with date

J. Yaru 27/5/24

S. Kumaran
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Cyclone Intensity Estimation Using CNN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AISHWARYA : 1NH20CS017

ARNAB BASU : 1NH20CS035

ARPITA KUMARI : 1NH20CS036

Under the guidance of

Ms. Yogitha

Sr Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "CYCLONE INTENSITY ESTIMATION USING CNN" is a bonafide work carried out by AISHWARYA(1NH20CS017), ARNAB BASU(1NH20CS035),and ARPITA KUMARI (1NH20CS036),in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Yogitha)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. N. GAYATHRI

2. Dr. D. Raja Rama

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

“BLOCK CHAIN BASED INTER-ORGANSATION SECURED FILE SHARING SYSTEM”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

01 BOMMU THARUN KUMAR REDDY -1NH20CS052

02 A ROHITH -1NH20CS032

03 ROOPA REDDY -1NH20CS053

Under the guidance of

Ms. Bandari Channaraya Priya

Assistant Professor

Dr.M.Dhanalakshmi

Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

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Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "BLOCK CHAIN BASED INTER-ORGANSATION SECURED FILE SHARING SYSTEM" is a bonafide work carried out by Bommu Tharun Kumar Reddy (1NH20C052), Bysani Roopa Reddy (1NH20CS053), Anithala Rohith (1NH20CS032) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Bandari Channarayana
Priya)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. N. Gayathri

[Signature]
27/12/2024

2. Dr. D. Raja Rama

[Signature]
27/12/2024



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A PROJECT PHASE-2 REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“KANNADA MANUSCRIPT DIGITIZATION THROUGH OCR AND MACHINE LEARNING “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

ABHILASH VIJAPUR -1NH20CS006
B MAHESH KUMAR -1NH20CS042

Under the guidance of
Ms. ASHA RANI BORAH
Senior Assistant Professor

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

AJAY B J -1NH21IS401
SUHAS D R -1NH21IS416

Under the guidance of
Dr. Rajlakshmi Ghatkamble
Associate Professor

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "KANNADA MANUSCRIPT DIGITIZATION THROUGH OCR AND MACHINE LEARNING" is a bonafide work carried out by ABHILASH VIJAPUR (1NH20CS006) and B MAHESH KUMAR (1NH20CS042) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Asha Rani Borah)

Signature of Guide

(Dr. Rajlakshmi Ghatkamble)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner

1. Dr. A. Venkatesh

2. Dr. Ashok K. K.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "KANNADA MANUSCRIPT DIGITIZATION THROUGH OCR AND MACHINE LEARNING" is a bonafide work carried out by AJAY B J (INH21IS401) and SUHAS D R (INH21IS416) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. Rajlakshmi Ghatkamble)

Signature of Guide

(Ms. Asha Rani Borah)

Signature of HOD(In charge)

(Dr. Vandana C P)

SEE VIVA

Name of Examiner

1. Dr. C. Y. Inolfini

Signature with date

2. Dr. Asha Rani



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Brain Tumor Detection using EEG Wavepatterns”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

CETHAN R M: 1NH20CS060

RAKESH M: 1NH20CS180

RAKSHITH M P: 1NH20CS182

Under the guidance of

Ms. ASHA RANI BORAH

Senior Assistant Professor

Department of CSE

2023-24




NEW HORIZON COLLEGE OF ENGINEERING

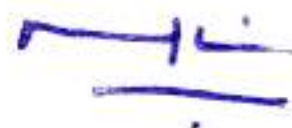
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Brain tumor detection using EEG Wavepatterns" is a bonafide work carried out by Chethan R M(1NH20CS060), Rakesh M(1NH20CS180), Rakshith M P (1NH20CS182) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Ms. Asha Rani Borah)


Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. Dr. Nirmala M
2. Dr. Akhaya Suryabhan Dule






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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

**"Application Layer DDos Attack Using Various Freely Accessible Tool Kits Using
Machine Learning"**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Karthik Shetti -1NH20CS107

M Sagar - 1NH20CS118

Maheshwar Giri - 1NH20CS120

Under the guidance of

Ms. Anaparthi Yasaswi

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

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Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Application Layer DDos Attack Using Various Freely Accessible Tool Kits Using Machine Learning" is a Bonafede work carried out by Karthik Shetti(1NH20CS107), M Sagar(1NH20CS118), Maheshwar Giri(1NH20CS120) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

A. Yasaswi
25/5/24

Signature of Guide
(Ms. AnaparthiYasaswi)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. N. Gayatri

2. Dr. D. Raja Rama

27/5/24

27/5/2024



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

“Speech Emotion Recognition(ser) On Live Calls while Creating Events”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABHINAV MISHRA-1NH20CS007

AMRUTH R B-1NH20CS026

Under the guidance of

Ms.Lavanya C

Assistant Professor , CSE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

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Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Speech Emotion Recognition(ser) On Live Calls while Creating Events " is a Bonafede work carried out by Abhinav Mishra (1NH20CS007), Amruth R B (1NH20CS026) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Lavanya C)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1.

2.
Dr. P. Raja Ramani



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

“Sewage Monitoring And Blockage detection System Using IoT”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Bhavith Kumar K -1NH21CS403

Pavan V-1NH21CS411

Manikanta P-1NH21CS406

Under the guidance of

Dr.J.Maruthupandi.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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Academic Year: 2023-24



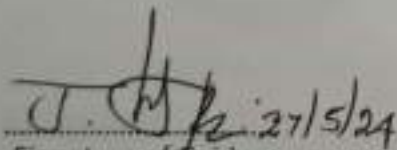
NEW HORIZON COLLEGE OF ENGINEERING

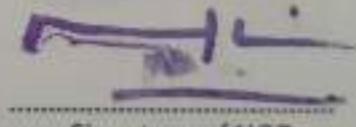
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "**Sewage Monitoring And Blockage Detection System Using IoT**" is a Bonafede work carried out by **Bhavith Kumar K (1NH21CS411), Pavan V (1NH21CS411), Manikanta P(1NH21CS403)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2023-2024**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Dr. J. Maruthupandi)

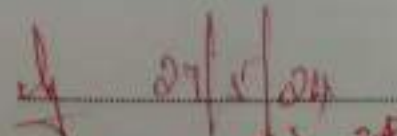

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

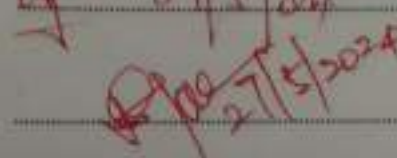
Name of Examiner

Signature with date

1. N. Gayathri


27/5/24

2. Dr. D. Raja Ramu


27/5/2024



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A PROJECT PHASE-II REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“SPEECH ENHANCED INTELLIGENT SEARCH USING DEEP LEARNING”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

AASHUTOSH GUPTA -1NH20CS001
ABHISHEK V -1NH20CS009
AMOGH PATIL -1NH20CS025

Under the guidance of
Ms. FLORANCE G
Senior Assistant Professor, CSE

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

SIDDHARTH BOKKA -1NH20IS162

Under the guidance of
Ms. SHRUTHI G R
Senior Assistant Professor, ISE

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "SPEECH ENHANCED INTELLIGENT SEARCH USING DEEP LEARNING" is a bonafide work carried out by AASHUTOSH GUPTA (1NH20CS001), ABHISHEK V (1NH20CS009) and AMOGH PATIL (1NH20CS025) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Florance G)

Signature of Guide

(Ms. Shruthi G R)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner

1.

2.

Signature with date



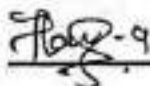
NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "SPEECH ENHANCED INTELLIGENT SEARCH USING DEEP LEARNING" is a bonafide work carried out by SIDDHARTH BOKKA (1NH2015162) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide

(Ms. Florance G)



Signature of Guide

(Ms. Shruthi G R)

 29/05/2024

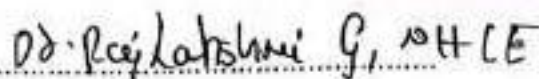
Signature of HOD

(Dr. Vandana C P)

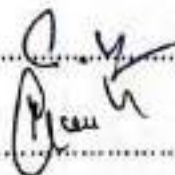
SEE Viva

Name of Examiner

1. 

2. 

Signature with date

 31/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“NariNavi: Womens Safety Management System By
Using Iot Enabled Machine Learning Strategies”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MOHANA P M: 1NH20CS131

MONISH P: 1NH20CS132

P. SOMANATHA REDDY :1NH20CS150

Under the guidance of

Ms. Srividhya Ganesan

Senior Assistant Professor

Department of CSE

2023-24




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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "NariNavi: Womens Safety Management System By Using Iot Enabled Machine Learning Strategies" is a bonafide work carried out by MOHANA P M (1NH20CS131), MONISH P (1NH20CS132), P. SOMANATHA REDDY (1NH20CS150) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Ms. Srividhya Ganesan)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. <u>Mr. Gayathri</u>	<u>27/5/24</u>
2. <u>Dr. D. Ramesh</u>	<u>27/5/24</u>



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"FLOOD DETECTION USING MACHINE LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

YUKTHESWAR REDDY C : 1NH20CS255

MITHUN REDDY : 1NH20CS277

SUDHINDRA J : 1NH20CS290

Under the guidance of

Ms. Senthil Anandhi A
Senior Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "FLOOD DETECTION USING MACHINE LEARNING" is a bonafide work carried out by YUKTHESWAR REDDY C (1NH20CS255), MITHUN REDDY (1NH20CS277), SUDHINDRA J (1NH20CS290) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Senthil Anandhi A)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. N. Gayathri

27/5/24

2. Dr. P. Raja Rami

27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"NAVIGATING ONLINE AISLES : COLLABORATIVE
FILTERING FOR**

PERSONALIZED GROCERY SUGGESTION"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

BHUMIREDDY SREEDEVI : 1NH20CS051

SHAIK SABA FARHEEN : 1NH20CS200

PRANITH BHUKYA : 1NH20CS293

Under the guidance of

MS. NAYANA N KUMAR

ASSISTANT PROFESSOR

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Navigating Online Aisles : collaborative filtering for personalized grocery suggestion" is a bonafide work carried out by BHUMIREDDY SREEDEVI (1NH20CS051) SABA SHAIK FARHEEN (1NH20CS200) PRANITH BHUKYA (1NH20CS293) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. NAYANA N KUMAR)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. N. Gayathri

2. Dr. P. Raj. Ramani

By 27/5/24
[Signature]



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Crop Recommendation on Indian Agriculture using
Machine Learning”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AKSHAY SAJI: 1NH20CS023
BENFIN JOHNSON: 1NH20CS044
BENHIN JOHNSON: 1NH20CS045

Under the guidance of

Mr. Geluvaraj B

Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Crop Recommendation on Indian Agriculture using Machine Learning" is a bonafide work carried out by AKSHAY SAJI (1NH20CS023), BENFIN JOHNSON (1NH20CS044), BENHIN JOHNSON (1NH20CS045) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Mr. Geluvaraj B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. N. Gayathri

2. Dr. D. Raja Rame

Signature with date
27/11/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Flood Prone Road Recognition: Enhancing Resilience
through Identification Analysis“**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

VARSHA GANESH : 1NH20CS241

YASHIKA PATHY : 1NH20CS253

TIRUVATHURU BHOOMIKA : 1NH20CS259

Under the guidance of

Ms. Anaparthi Yasaswi

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Flood Prone Road Recognition: Enhancing Resilience through Identification Analysis" is a bonafide work carried out by VARSHA GANESH (1NH20CS241), YASHIKA PATHY (1NH20CS253) and TIRUVATHURU BHOOMIKA (1NH20CS259) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Ms. Anaparthi Yasaswi
28/05/24

Signature of Guide
(Ms. Anaparthi Yasaswi)

Dr. B. Rajalakshmi

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. *N. Gayathri*

N. Gayathri

2. *Dr. P. Raja Raman*

Dr. P. Raja Raman
27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“IMAGE BASED PLANT DISEASE DETECTION AND
RECTIFICATION”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ADITI NAITHANI : 1NH20CS014

APARNA JHA : 1NH20CS034

Under the guidance of

Ms. BHAVYA R

Assistant Professor

Department of CSE

2023-24



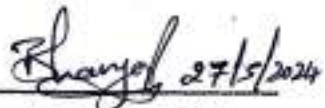
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Image based Plant Disease Detection and Rectification" is a bonafide work carried out by APARNA JHA in (1NH20CS034) and ADITI NAITHANI (1NH20CS014) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.



Signature of Guide
(Ms. Bhavya R)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. N. GAYATHRI

27/5/24

2. Dr. D. Poojamma

27/5/24



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A PROJECT PHASE-2 REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“P2P MACHINE LEARNING SERVERLESS ARCHITECTURE”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

TOSHIT G -1NH20CE054

SARTHAK RAI -1NH20CE042

APEKSHA SAWARN -1NH20CE003

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABHISHEK SAHOO -1NH20CS008

Under the guidance of

Dr. T Kavitha

Head Of Department,
Computer Engineering

Under the guidance of

Dr. B Meenakshi Sundaram

Professor,
Computer Science Engineering

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "P2P MACHINE LEARNING SERVERLESS ARCHITECTURE" is a bonafide work carried out by TOSHIT G (1NH20CE054), SARTHAK RAI (1NH20CE042) AND APEKSHA SAWARN (1NH20CE003) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. T KAVITHA)

Signature of HOD

(HOD-CE)

SEE Viva

Name of Examiner

1. Dr. T. Kavitha

2. Dr. B. Raja Reddy

Signature with date

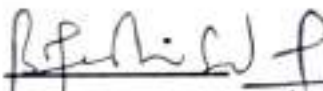



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DEPARTMENT OF COMPUTER SCIENCE ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-I work entitled "P2P MACHINE LEARNING SERVERLESS ARCHITECTURE" is a bonafide work carried out by **ABHISHEK SAHOO (1NH20CS008)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2023-2024**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide 31/05/24
(Dr. B MEENAKSHI SUNDARAM)


Signature of HOD
(HOD-CSE)

SEE Viva

Name of Examiner
1. Dr. Senthil Kumar
2. Dr. P. Roja Reddy

Signature with date
Dr. Senthil Kumar 31/5/24
Dr. P. Roja Reddy 31/5/24



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"DEPRESSION ANALYSIS USING SOCIAL MEDIA TEXTS"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

GAJA LEEA GOWTHAM ROYAL -1NH20CS072

GAJA MANIDEEP -1NH20CS073

GAUTHAM SRIDHAR -1NH20CS076

Under the guidance of

Ms.BHAVYA.R

Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



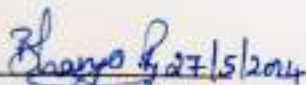
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Depression Analysis Using Social Media Texts" is a bonafide work carried out by G Leela Gowtham Royal(1NH20CS072), G Manideep(1NH20CS073), Gautham Sridhar(1NH20CS076) in partial fulfillment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2023-2024**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Bhavya R)



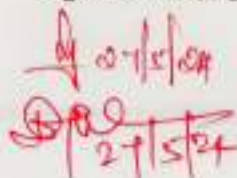
Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. N. Gayathri
2. Dr. D. Raja Rami


27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Enhancing Cyclone Intensity Estimation With Deep
Learning and INSAT-3D IR Imagery”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ANUGNA KARANAM : 1NH20CS106

SHAZIB JAVAID WANI : 1NH20CS202

SHRUTHI BABURAJ : 1NH20CS264

Under the guidance of

Ms. Lakshmi S Hanne

Assistant Professor

Department of CSE

ACADEMIC YEAR : 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Enhancing Cyclone Intensity Estimation with Deep Learning and INSAT-3D IR Imagery" is a bonafide work carried out by ANUGNA KARANAM (1NH20CS106), SHAZIB JAVAID WANI (1NH20CS202) and SHRUTHI BABURAJ (1NH20CS264) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said

Signature of Guide
(Ms. Lakshmi S Hanne)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. N. Gayathri

24/5/24

2. Dr. P. Rajan Ramani

27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

ON

“Indoor Navigational System using Augmented Reality”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Vishwajeet Pal –1NH20CS272

Vaibhav Sharma –1NH20CS262

Shaurya Vardhan Singh –1NH20CS282

Under the guidance of

Ms. Chempavathy B

Sr. Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Indoor Navigational System using Augmented Reality" is a bonafide work carried out by Vishwajeet Pal(1NH20CS272) Vaibhav Sharma(1NH20CS262), Shaurya Vardhan Singh(1NH20CS282), In partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

[Chandrasekar S.B.]

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. N. Gyanendra
2. Dr. D. Raju Ramani

Signature and date of N. Gyanendra: 27/5/24
Signature and date of Dr. D. Raju Ramani: 27/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Aurdino Powered Smart Crosswalk Signal System"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

POLA NARASIMHA ROYAL : 1NH20CS158

MARELLA VASUDEVA REDDY : 1NH20CS265

BANKA TEJA KARTHIK REDDY : 1NH20CS271

Under the guidance of

Dr. J. Maruthu Pandi

Associate Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Aurdino Powered Smart Crosswalk Signal System" is a bonafide work carried out by POLA NARASIMHA ROYAL(1NH20CS158), MARELLA VASUDEVA REDDY(1NH20CS265) and BANKA TEJA KARTHIK REDDY(1NH20CS271) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. J. Maruthu Pandi)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. D. Raja Ramani
2. Dr. Naveen chandra Gowda



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Fake Product Detection Using Blockchain”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MOHAMMAD AMANULLAH : 1NH20CS129

MOHAMMAD SHOAIB DAR : 1NH20CS130

NIPUN KHAJURIA : 1NH20CS143

Under the guidance of

Ms. NAYANA N KUMAR

Assistant Professor

Department of CSE

2023-24



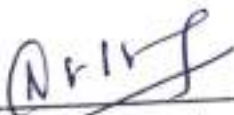
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Fake Product Detection Using Blockchain" is a bonafide work carried out by MOHAMMAD AMANULLAH (1NH20CS129), MOHAMMAD SHOAIB DAR (1NH20CS130) and NIPUN KHAJURIA (1NH20CS143) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Ms. Nayana N Kumar)

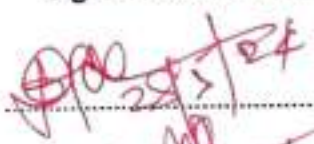


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. 
2. 

Signature with date



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Z0CSEB4A

A PROJECT PHASE-2 REPORT

ON

"FACIAL RECOGNITION WITH ALIVENESS DETECTION
USING FACENET AND LIVENESSNET"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

C D PUNYASHREE : 1NH20CS055

DABBARA SUJITH BABU : 1NH20CS063

DARSHAN S : 1NH20CS065

Under the guidance of

Mr. BHASKAR S V
Senior Assistant professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Facial Recognition With Attendance Detection Using Facenet And Univesseet" is a bonafide work carried out by C D PUNYASHREE (1NH20C0256), GABBANA SUDITH BABU (1NH20C0063) and DARSHAN S (1NH20C0065) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Mr. Shashir S V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. P. Siva Ramani
2. Dr. Navan chandra Gounda

Signature with date

Dr. P. Siva Ramani 23/07/24
Dr. Navan chandra Gounda



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“VEHICLE NUMBER PLATE DETECTION SYSTEM”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

CH CHARAN KUMAR REDDY : 1NH20CS054

CH V KOUSHIK REDDY : 1NH20CS061

VELURI SURENDRA REDDY : 1NH20CS244

Under the guidance of

Ms. Lavanya C
Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "VEHICLE NUMBER PLATE DETECTION SYSTEM" is a bonafide work carried out by CH CHARAN KUMAR REDDY (1NH20CS054), CH V Koushik Reddy (1NH20CS061) and VELURI SURENDRA REDDY (1NH20CS244) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Lavanya C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. D. Raja Ramani
2. Dr. Naveen Chandra Gowda



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

StudySage: Chatbot for Doubts and PDF Queries

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

RISHU RITIK : 1NH20CS183

SK MABUD ALAM : 1NH20CS188

SHUBHAM MAITY : 1NH20CS208

Under the guidance of

Ms. Chitra C

Senior Assistant Professor

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled StudySage: Chatbot for Doubts and PDF Queries is a bonafide work carried out by RISHU RITIK (1NH20CS183) SK MABUD ALAM (1NH20CS188) SHUBHAM MAITY (1NH20CS208) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Chitra C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. D. P. Ramani

2. Dr. Navaraj Chandrasekhar Gowda

Signature with date

[Signature] 26/5/24

[Signature] 26/5/2024



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**“Patient-Centric Breast Tumour Analysis: DenseNet 201-Based
Prediction and Personalized Recommendations “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

AKHILA G S -1NH20CS020

ANANYA -1NH20CS027

ANKITA S -1NH20CS030

Under the guidance of

Ms. M. THANGA SUBHA DEVI

Assistant Professor, Dept of CSE

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

PRANATI PARASHAR -1NH20IS113

Under the guidance of

Dr. ARVIND S. KAPSE

Professor, Dept of ISE

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project phase-II work entitled "Patient-Centric Breast Tumour Analysis: DenseNet 201-Based Prediction and Personalized Recommendations" is a bonafide work carried out by AKHILA G S (1NH20CS020), ANANYA (1NH20CS027) and ANKITA S (1NH20CS030) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. M. Thanga Subha Devi)

Signature of Guide

(Dr. Arvind S. Kapse)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner

1. Dr. C. Venkatesh
2. Dr. Ashok K.

Signature with date

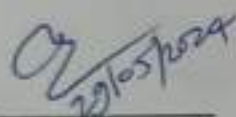


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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project phase-II work entitled "Patient-Centric Breast Tumour Analysis: DenseNet 201-Based Prediction and Personalized Recommendations" is a bonafide work carried out by PRANATI PARASHAR (1NH2015113) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


29/05/2024

Signature of Guide
(Dr. Arvind S. Kapse)


29/5/24

Signature of Guide
(Ms. M. Thanga Subha Devi)


29/5/2024

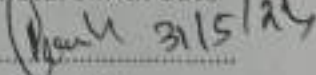
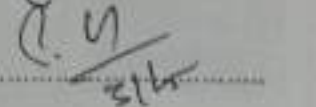
Signature of HOD
(Dr. Vandana C. P.)

SEE Viva

Name of Examiner

1. Dr. Rajalakshmi G
2. Dr. C. Venkatesh

Signature with date


29/5/24

31/5



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“CAREER GUIDE: PATH2SUCCESS”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SUMITHRA : 1NH20CS219

T EESHA MANOHAR : 1NH20CS224

VAISHNAVI S R : 1NH20CS238

Under the guidance of

Dr. Sonali J. Mahure

Associate Professor

Department of CSE

2023-24



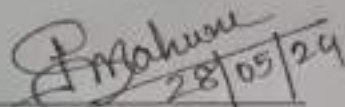
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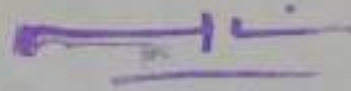
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "CAREER GUIDE: PATH2SUCCESS" is a bonafide work carried out by SUMITHRA (1NH20CS219), T EESHA MANOHAR (1NH20CS224) and VAISHNAVI S R (1NH20CS238) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


28/05/24

Signature of Guide
(Dr. Sonali J. Mahure)



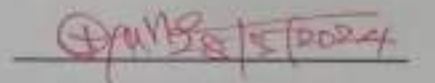
Signature of HOD
(Dr. B. Rajalakshmi)


External Viva

Name of Examiner

1. Dr. P. Raja Ramani
2. Dr. Navaneetha Chandra Gowda

Signature with date


28/05/2024


28/05/2024



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-2 REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AuthentiCheck: Spotting Phony Profile"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ARSHLAN HASSAN -1NH20CS037

HARSHIT SINGH - 1NH20CS084

HARSHIT TYAGI - 1NH20CS085

Under the guidance of

Ms. Chempavathy B

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SHIVANG SETH -1NH20IS153

Under the guidance of

Ms. Shruthi GR

Senior Assistant Professor

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "AuthentiCheck: Spotting Phony Profile" is a bonafide work carried out by ARSHLAN HASSAN (1NH20CS037), HARSHIT SINGH (1NH20CS084) and HARSHIT TYAGI (1NH20CS085) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect of the project work prescribed for the said degree.

Signature of Guide

(Ms. Chempavathy B)

Signature of Guide

(Ms. Shruthi GR)

Signature of HOD

(HOD-CSE)

SEE Viva

Name of Examiner

1. Dr. C. Venkatesh

2. Dr. Ashok K.

Signature with date

Dr. C. Venkatesh
31/5/24



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "AuthentiCheck: Spotting Phony Profile" is a bonafide work carried out by SHIVANG SETH (1NH20IS153) in partial fulfilment for the award of Bachelor of Engineering in INFORMATION SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Shruthi GR)

Signature of Guide

(Ms. Chempavathy B)

Signature of HOD

(HOD-ISE)

SEE Viva

Name of Examiner

1. Dr. C. V. M. K. S.
2. Dr. Rajalakshmi G.

Signature with date



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“AI-Powered Dermatological Diagnosis of Diverse Skin Diseases”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NAVYA M : 1NH20CS134

P MALVIKA REDDY : 1NH20CS147

PRANISHA F : 1NH20CS161

Under the guidance of

Ms. Vernika Singh

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "AI-Powered Dermatological Diagnosis of Diverse Skin Diseases" is a bonafide work carried out by NAVYA M (1NH20CS134), P MALVIKA REDDY (1NH20CS147), PRANISHA F (1NH20CS161) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Vernika Singh)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. D. Raja Ramani

Dr. B. Rajalakshmi 28/5/24

2. Dr. Naveen Chandra Gupta

Dr. B. Rajalakshmi 28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"SECURE EPHR SHARING SYSTEM USING MACHINE LEARNING "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

**CHAMARTHI HATHEESH VARMA -1NH20CS057
DANDU VISHNU VARDHAN REDDY -1NH20CS064
APOORVA B N -1NH21CS400**

Under the guidance of

Mr B Geluvaraj
Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "SECURE EPHR SHARING SYSTEM USING MACHINE LEARNING" is a bonafide work carried out by CHAMARTHI HATHEESH VARMA(1NH20CS057), DANDU VISHNU VARDHAN REDDY(1NH20CS064) and APOORVA B N (1NH21CS400) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Mr. B. Geluvaraj)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. D. Raja Ramani

2. Dr. Naveen chandra Gopale



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Optimizing Recommendation Systems : A Hybrid
Approach for Improved Accuracy”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

B.AJAY : 1NH20CS039

B.AKSHAY : 1NH20CS040

B.KEERTHE : 1NH20CS041

Under the guidance of

Mr. Geluvaraj B

Assistant Professor

Department of CSE

2023-24



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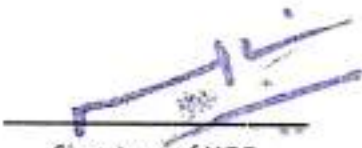
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Optimizing Recommendation Systems : A Hybrid Approach for Improved Accuracy" is a bonafide work carried out by B.AJAY (1NH20CS039), B.AKSHAY (1NH20CS040), B.KEERTHE (1NH20CS041) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.



Signature of Guide
(Mr. Geluvakaj B)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr - D. Raja Raman
2. Dr Navas Chandrasoddy

Signature with date



Dr. Raja Raman 2024



Dr. Navas Chandrasoddy 2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Enhancing E-Voting with Retinal Authentication”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ARTHY MEENAKSHI : 1NH20CS263

KISHORE V : 1NH20CS297

RAKSHITHA M : 1NH21CS413

Under the guidance of

Ms. Lakshmi S Hanne

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Enhancing E-Voting with Retinal Authentication" is a bonafide work carried out by ARTHY MEENAKSHI (1NH20CS263), KISHORE V (1NH20CS297) and RAKSHITHA M (1NH21CS413) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Lakshmi S Hanne)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. D. Raju Prasad
2. Dr. Navneet Chandra Gowda



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

On

**“Smart Predictive Enhancement For Ensuring
Safe-guard Well-being Using Machine Learning
Technique”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

Gnanendra Varma K : 1NH20CS112

THARAK K : 1NH20CS113

GIRI SAI SUBHASH : 1NH20CS152

Under the guidance of

Ms. Florance G
Sr. Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Smart Predictive Enhancement for Ensuring Safe-guard Well-being Using Machine Learning Technique" is a bonafide work carried out by GNANENDRA VARMA K (1NH20CS112), THARAK K (1NH20CS113) and GIRI SAI SUBHASH (1NH20CS152) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Florance G)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. P. Pavan Kumar

Dr. P. Pavan Kumar
25/5/24

2. Dr. Navaneeth Chandras Gowdy

Dr. Navaneeth Chandras Gowdy
25/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“ANOMALY DETECTION IN VIDEO SURVEILLANCE”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SOWRABHA A : 1NH20CS214

LAVANYA N : 1NH21CS405

SOWMYA M L : 1NH21CS418

Under the guidance of

Ms. M THANGA SUBHA DEVI

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "ANOMALY DETECTION IN VIDEO SURVEILLANCE" is a bonafide work carried out by SOWRABHA A(1NH20CS214), LAVANYA N(1NH21CS405) and SOWMYA M L (1NH21CSS418) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. M Thanga Subha Devi)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. D. Ravi Kumar
2. Dr. Navar Chandea Gowda

Signature with date



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Car Plate Parse”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SANJEET KUMAR RAJ -1NH20CS195
TANISHQ KUSHWAHA -1NH20CS225
NIRAJ LEKHAK -1NH20CS258

Under the guidance of

Dr. Sonali J. Mahure
Associate Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Car Plate Parse" is a bonafide work carried out by **SANJEET KUMAR RAJ (1NH20CS195)**, **TANISHQ KUSHWAHA (1NH20CS225)**, **NIRAJ LEKHAK (1NH20CS258)** in partial fulfilment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Sonali J. Mahure)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Santhosh Krishna

R. V. Santhosh 28/6/24

2. Dr. Bhagyashree

SA 28/6/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“MAMMOGRAPHY SCANS FOR BREAST CANCER
DETECTION USING CNN”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

THUPAKULA YOGESH ROYAL : 1NH20CS228

VANKADARI VENKAT NIKHIL : 1NH20CS275

VISWANADH UPPALAPATI : 1NH20CS296

Under the guidance of

Ms. Senthil Anandhi

Senior Assistant Professor

Department of CSE

ACADEMIC YEAR 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-1 work entitled "**MAMMOGRAPHY SCANS FOR BREAST-CANCER DETECTION USING CNN**" is a bonafide work carried out by THUPAKULA YOGESH ROYAL (1NH20CS228), VISWANADH UPPALAPATI (1NH20CS296), VANKADARI VENKAT NIKHIL (1NH20CS275) in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2023-2024**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Senthil Anandhi)

Signature of Dr. B. Rajalakshmi
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. Dr. Senthil Anandhi
2. Dr. Bhagyashree



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Accessible Visual Information Retrieval(AVIR)"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

YARTHA LIKITHA REDDY : 1NH20CS252

SIMI ROSHAN SHAM :1NH20CS280

GS JINITH KUMAR :1NH20CS306

Under the guidance of

Ms. Kavitha.U

Assistant Professor

Department of CSE

ACADEMIC YEAR 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Accessible Visual Information Retrieval(AVIR)" is a bonafide work carried out by YARTHA LIKITHA REDDY(1NH20CS252),SIMI ROSHAN SHAM(1NH20CS280),GS JINITH KUMAR(1NH20CS306) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms.Kavitha.U)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Santhosh Krishna Dv
2. Dr. Bhargya R

Signature with date

28/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“MULTIPLE DISEASE PREDICTION”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

GAJULA YASWANTH SAI	: 1NH20CS074
CHANDN RAO	: 1NH20CS294
GOLLA UMESH	: 1NH20CS078

Under the guidance of

Ms. FLORANCE G

Sr Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "MULTIPLE DISEASE PREDICTION" is a bonafide work carried out by Gajula Yaswanth Sai (1NH20CS074), Chandan Rao M(1NH20CS294), Golla Umesh(1NH20CS078) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Florance G)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

1. D. Santhosh Krishna B
2. Dr. Bhogya R

Signature with date



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Brain Neoplasm Identification using CNN with VGG-16 Model"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

**SHREE RAKSHA C: 1NH20CS205
SAI KUMAR REDDY J : 1NH20CS191
HRUDAY S: 1NH20CS212**

Under the guidance of

**Ms. Soja Rani S
Senior Assistant Professor
Department of CSE**

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Brain Neoplasm Identification using CNN with VGG-16 Model”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

**SHREE RAKSHA C: 1NH20CS205
SAI KUMAR REDDY J : 1NH20CS191
HRUDAY S: 1NH20CS212**

Under the guidance of

Ms. Soja Rani S
Senior Assistant Professor
Department of CSE

2023-24



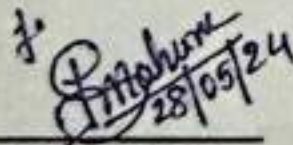
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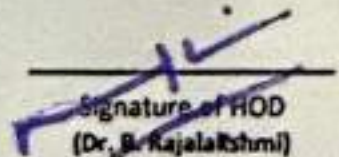
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Brain Neoplasm Identification using CNN with VGG-16 Model" is a bonafide work carried out by SHREE RAKSHA C (1NH20CS205), SAI KUMAR REDDY J (1NH20CS191), HRUDAY S (1NH20CS212) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


28/05/24

Signature of Guide
(Ms. Soja Rani S)

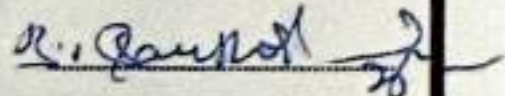

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

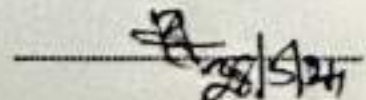
Name of Examiner

Signature with date

1. Dr. Gauthosh K. S.


28/05/24

2. Dr. Bhagyaraj


28/05/24



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20CSE84A

A PROJECT PHASE-2 REPORT

on

“PARKING SPACE GESTURE”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

CHALLA VISHNU VARDHAN REDDY : 1NH20CS056

CHETAN ASHOK KOKATNUR : 1NH20CS059

CHIRAG S NAIK : 1NH20CS062

Under the guidance of

Dr. G. Vijayasekaran

Associate Professor

Department of CSE

2023-24



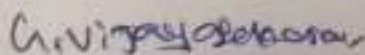
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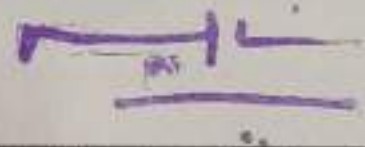
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Parking Space Gesture" is a bonafide work carried out by CHALLA VISHNU VARDHAN REDDY(1NH20CS056), CHETAN ASHOK KOKATNUR(1NH20CS059), CHIRAG S NAIK(1NH20CS062) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Dr. G. Vijayasekaran)



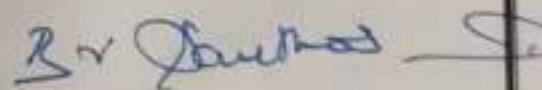
Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

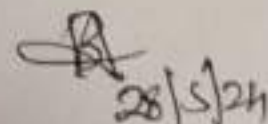
Name of Examiner

Signature with date

1. Dr. Santhosh Kumar A.



2. Dr. Bhargya. R





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“COUNTERFEIT MEDICINE VERIFICATION SYSTEM USING
BLOCKCHAIN”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

POOJA T : 1NH21CS412

SHUSHMITA S : 1NH21CS417

VANDANA R : 1NH21CS421

Under the guidance of

Dr. SANTHOSH KRISHNA B V

Associate Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "COUNTERFEIT MEDICINE VERIFICATION SYSTEM USING BLOCKCHAIN" is a bonafide work carried out by POOJA T (1NH21CS412), SHUSHMITA S (1NH21CS417), VANDANA R (1NH21CS421) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Santhosh Krishna B V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Santhosh Krishna B V

Dr. Santhosh Krishna B V

2. Dr. Bhagyashree

28/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“SECURING INFORMATION TRANSFER VIA CLOUD
WITH HYBRID CRYPTOGRAPHY”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

TEJASWINI S : 1NH20CS226

TRIVENI A : 1NH20CS230

UMA MAHESHWARI A : 1NH20CS233

Under the guidance of

Ms. Shreenagamanjula Rani

Senior assistant professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Securing Information Transfer via Cloud With Hybrid Cryptography" is a bonafide work carried out by TEJASWINI S (1NH20CS226), TRIVENI A (1NH20CS230) and UMA MAHESHWARI (1NH20CS233) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Shreenagamanjula Rani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Sankosh Kishan

2. Dr. Phalga R



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"GOODFOODS : A FOOD PRESERVATION ENDEAVOR"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NEHA MAHALE	: 1NH20CS136
NIHARIKAA BHATTACHARYA	: 1NH20CS138
ROSHANI RAVISH BORKAR	: 1NH21CS414

Under the guidance of

Dr. Ashok K
Associate Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "GOODFOODS : A FOOD PRESERVATION ENDEAVOR" is a bonafide work carried out by **NEHA MAHALE (1NH20CS136)**, **NIHARIKAA BHATTACHARYA (1NH20CS138)**, **ROSHANI RAVISH BORKAR (1NH21CS414)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2023-2024**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Dr. Ashok K)



Signature of HOD
(Dr. B. Rajalakshmi)

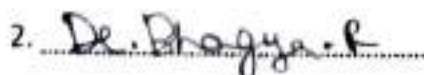
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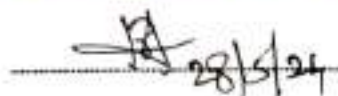
Name of Examiner

Signature with date

1. 



2. 





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“FRAUD DETECTION IN BANKING DATA”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

C.VENKATA SAI KUMAR REDDY : 1NH20CS058

DESU UDAYSIMHA REDDY : 1NH20CS067

SOLLETI HEMANTH : 1NH20CS211

VENKAT THANMAI KUMAR V :1NH20CS245

Under the guidance of

Dr. NIRMALA M

Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "FRAUD DETECTION IN BANKING DATA" is a bonafide work carried out by C VENKATA SAI KUMAR REDDY (1NH20CS058), DESU UDAYSIMHA REDDY (1NH20CS067) and SOLLETI HEMANTH (1NH20CS211) and VENKAT THANMAI KUMAR V(1NH20CS245) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr./Mr./Ms. Guide Name)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Santhosh Lakshmi A.
2. Dr. Bhagya R.

Signature with date

28/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"Enhanced Security: Lexical Features for Phishing
Detection of URL Detection"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

M SAI SUMANTH REDDY: 1NH20CS126

T GNAPIKA REDDY: 1NH20CS227

P SASHANTH REDDY: 1NH20CS301

Under the guidance of

Ms. Soja Rani S
Senior Assistant Professor
Department of CSE

2023-24



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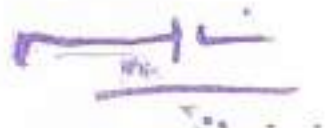
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Enhanced Security: Lexical Features for Phishing Detection of URL Detection" is a bonafide work carried out by M SAI SUMANTH REDDY (1NH20CS126), T GNAPIKA REDDY (1NH20CS227) and P SASHANTH REDDY (1NH20CS301) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Ms. Soja Rani S)




Signature of HOD
(Dr. B. Rajalakshmi)

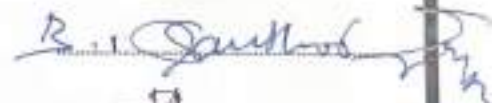
External Viva

Name of Examiner

Signature with date

1. Dr. Santhosh Krishna D

2. Dr. Bhagya R


28/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“InsightIQ: Curated Learning with AI”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

S Mahesh Kumar : 1NH20CS189

S Sai Srikanth : 1NH20CS190

Shabrish B Hegde : 1NH20CS198

Under the guidance of

Dr. G. Vijayasekran

Associate Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Insight IQ: Curated learning with AI" is a bonafide work carried out by S Mahesh Kumar (1NH20CS189), S Sai Srikanth (1NH20CS190) and Shabrish B Hegde (1NH20CS198) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

G. Vijayasekaran

Signature of Guide
(Dr. G. Vijayasekaran)

[Signature]

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Santhosh Krishna Rv

[Signature]

2. Dr. Bhagya R

[Signature]
28/5/24



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"IIEC: Intellectual Intervention Education for Children"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Rashi Agarwal – 1NH20CS256

Sambhav Singh – 1NH20CS288

Pratyush Barman – 1NH20CS165

Under the guidance of

Dr. Santosh Kumar B

Sr. Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "IIEC: Intellectual Intervention Education for Children" is a bonafide work carried out by Rashi Agarwal(1NH20CS256) Sambhav Singh (1NH20CS288), Pratyush Barman (1NH20CS165), in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. DR. G. VISAYASEKARAN

G. Visayasekaran
28/05/24

2. Prof. Karthik S

Karthik S
28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Advancing Healthcare Privacy with Homomorphic Encryption"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SANJANA CHINTA : 1NH20CS194

SATVIK S SHET : 1NH20CS197

SHIVANI BIRADAR : 1NH20CS204

(Under the guidance of

Ms. Shroenagsmanjularani C

Senior Assistant Professor

Department of CSE

2023-24




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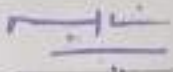
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Advancing Healthcare Privacy with Homomorphic Encryption" is a laudable work carried out by SARGANA CHINTA (19H2002294), SATHVIK S SHET (19H2002297) and SHIVANI BRADHAN (19H2002298) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work presented for the said Degree.



Signature of Head
(Dr. Shivrajgoudappa C)



Signature of HOD
(Dr. S. Rajalakshmi)

External Viva

Name of Examiner

Signature with Date

1. Dr. G. V. Srinivas Reddy

2. Dr. S. Rajalakshmi

2. Prof. Kirthik S

28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Voice Based Email For Visually Impaired”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NISHANTH PRABHURAM : 1NH20CS146

ANIKAIT GALLA : 1NH20CS307

MANAV GUPTA : 1NH20CS123

Under the guidance of

Mrs. Subhashree Rath

Senior Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Voice Based Email For Visually Impaired" is a bonafide work carried out by MANAV GUPTA (1NH20CS123), ANIKAIT GALLA (1NH20CS307) and NISHANTH PRABHURAM (1NH20CS146) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Mrs. Subhashree Rath)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. G. V. J. ...

G. V. J. ... 28/5/24

2. Prof. Karthik S

Karthik S 28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

" FUTURISTIC DOCTOR "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MANIKANTA P : 1NH20CS125

DADAPURAM RITHVIK : 1NH20CS260

ARNAB HEMBRAM : 1NH20CS268

Under the guidance of

Ms. Sivapriya
Assistant Professor
Department of CSE

2023-24




NEW HORIZON COLLEGE OF ENGINEERING

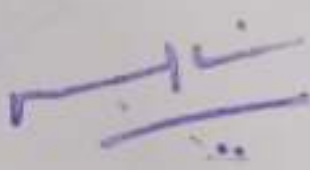
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled " FUTURISTIC DOCTOR " is a bonafide work carried out by MANIKANTA P (1NH20CS125) , DADAPURAM RITHVIK (1NH20CS260) and ARNAB HEMBRAM (1NH20CS268) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Ms. Sivapriya)

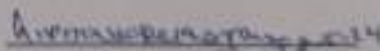

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

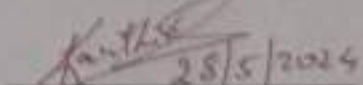
Name of Examiner

Signature with date

1. Dr. G. VIJAYABARAN.....



2. Prof. Karthik S.....


28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“ENHANCING ONLINE SECURITY:DEEP LEARNING
FOR PHISING DETECTION”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ABHINAV D : 1NH20CS267
ASHISH KUMAR JHA : 1NH20CS269
ANTONY MARVIC MURERA : 1NH20CS287

Under the guidance of

Dr.D. Roja Ramani
Assistant Professor
Department of CSE

2023-24



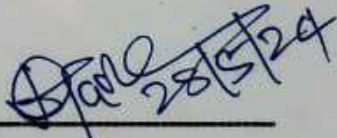
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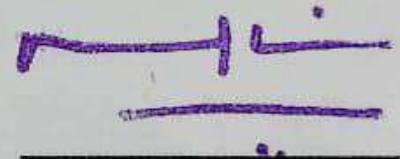
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work **entitled "ENHANCING ONLINE SECURITY:DEEP LEARNING FOR PHISHING DETECTION"** is a bonafide work carried out by ABHINAV D(1NH20CS267) , ASHISH KUMAR JHA (1NH20CS269) and ANTONY MARVIC MURERA (1NH20CS287) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


28/5/24

Signature of Guide
(Dr. D. Roja Ramani)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. G. VIGAYASEKARAN

G. Vigayasekaran
28/5/24

2. Prof. Karthik S

Karthik S
28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"Chart Career using Artificial Intelligence and Data
Analytics"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SIRISHA M : 1NH20CS209

VAISHNAVI NAYAK: 1NH20CS237

Under the guidance of

Ms. Yogitha Sharma
Senior Assistant Professor
Department of CSE

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Chart Career using Artificial Intelligence and Data Analytics" is a bonafide work carried out by SIRISHA M (1NH20CS209) and VAISHNAVI NAYAK (1NH20CS237) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Yogitha Sharma)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. G. Anand Kumar

2. Prof. Karthik S

28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"ADVANCE FRAMEWORK FOR DETECTING INAUTHENTIC
ONLINE SOCIAL MEDIA REVIEWS"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

HAMSA A : 1NH20CS081

MOHSEENA : 1NH21CS408

MUSKAN BANU : 1NH21CS409

Under the guidance of

Ms. B.Channarayapriya

Assistant professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "ADVANCE FRAMEWORK FOR DETECTING INAUTHENTIC ONLINE SOCIAL MEDIA REVIEWS" is a bonafide work carried out by HANSA A(1NH20CS081), MOHSEENA(1NH21CS408), MUSKAN BANU (1NH21CS409) and in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. B. Channarayapriya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. DR. G. VISAYASHEKARA

G. Visayashekar
18/5/2024

2. Prof. Karthik S

Karthik S
18/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Codepulse”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PATIL GAURAV BALAJI	: 1NH20CS153
PRANAV SRINIVAS BARAD	: 1NH20CS160
PRIYANSHU JANGIR D	: 1NH20CS169

Under the guidance of

Dr. Santosh Kumar B
Sr. Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Codepulse" is a bonafide work carried out by PATIL GAURAV BALAJI (1NH20CS153), PRANAV SRINIVAS BARAD (1NH20CS160) and PRIYANSHU JANGIR D (1NH20CS169) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr Santosh Kumar B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. G. VITAYASHEKARAN
2. Prof. Karthik S

Signature with date

Vitayashekar
28/5/24

Karthik S
28/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

on

“Satellite Visualization Toolkit Based on Auxiliary Data”

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

V LAKSHMI MEGHANA : 1NH20CS235

Carried out at



Under the guidance of

Ms. Shreenagamanjularani
Senior Assistant Professor
Department of CSE

Mr. B. Prabakaran
Division Head (SMCS)
UR Rao Satellite Centre

Academic Year: 2023-2024

B. Prabakaran
श्री. ब. प्रबकरन / B. Prabakaran
मूल्य आगम-वि. पी. सी. डी. / Division Head - PPAD
एन. एन. सी. एन. सी. - एन. सी. / SMCSG - MDA
यु. आर. रावो / URSC



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Satellite Visualization Toolkit Based on Auxiliary Data" is a bonafide work carried out by V LAKSHMI MEGHANA (1NH20CS235) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Shreenagamanjularani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. DR. G. VISAYASEKHAR

G. VISAYASEKHAR
20/5/2024

2. Prof. Kanthi S

Kanthi S
20/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“PREDICTION OF DISEASES USING MACHINE
LEARNING ALGORITHMS”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SHREYA CHARAN KUMAR B : 1NH20CS286

SIMRAN JHA : 1NH20CS270

NSNLN SHANMUKA SRINIVAS KUMAR : 1NH20CS284

Under the guidance of

Ms. Srividhya Ganesan

Senior Assistant Professor

Department of CSE

Academic Year : 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Prediction Of Diseases Using Machine Learning Algorithms" is a bonafide work carried out by SHREYA CHARAN KUMAR B (1NH20CS286), SIMRAN JHA (1NH20CS270) and NSNLN SHANMUKA SRINIVAS KUMAR (1NH20CS284) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Srividhya Ganesan)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. G. V. Jayasekaran

L. N. Rajasekaran
28/5/2024

2. Prof. Karthik S

Karthik S
28/5/2024



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**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“General Recommender System Using Metaheuristic
Algorithms and Cosine Similarity”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

VARUN R KOLUR: 1NH20CS243

VISHAL MA: 1NH20CS249

MOHNISH JAYANTH NAVEEN: 1NH20CS295

Under the guidance of

Dr. J Maruthupandi

Professor

Department of CSE

2023-24



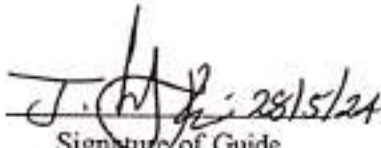
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "General Recommender System using Metaheuristic Algorithms and Cosine Similarity" is a bonafide work carried out by VARUN R KOLUR (1NH20CS243), VISHAL MA (1NH20CS249) and MOHNISH JAYANTH NAVEEN (1NH20CS295) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


Signature of Guide
(Dr. J Maruthupandi)

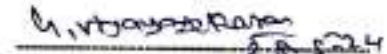

Signature of HOD
(Dr. B Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. DR. G. V. J. DAYASEKARAN


28/5/2024

2. Prof. Karthik S


28/5/2024



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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

“Enhancing Air Control System Using Augmented Reality”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Rounak Chhetri – 1NH20CS291
M Skanda Kashyap – 1NH20CS119
Ankan Bandyopadhyay – 1NH20CS276

Under the guidance of

Dr. M Dhanalakshmi

Senior Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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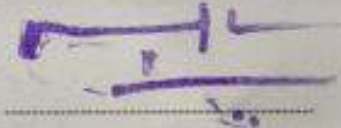
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Enhancing Air Control System Using Augmented Reality" is a bonafide work carried out by Ankan Bandyopadhyay (1NH20CS276), Rounak Chhtri (1NH20CS291), M Skanda Kashyap (1NH20CS119), in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023- 2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


28/5/24

Signature of Guide
(Dr. M Dhanalakshmi)



Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

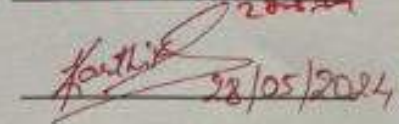
Name of Examiner

Signature with date

1. Dr. G. VIJAYASEKARAN


28/5/24

2. Prof. Karthik. S


28/05/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Identification and Categorization of ‘LGG’ and ‘HGG’ Brain-Tumors
using MASK-RCNN AND U-Net”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PRADEEP PRAKASH : 1NH20CS148

PUNITH K K : 1NH20CS171

VIJAYAGOUD PATIL : 1NH21CS422

Under the guidance of

Ms. Subhashree Rath

Senior Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Identification and Categorization of 'LGG' and 'HGG' Brain-Tumors using MASK-RCNN AND U-Net" is a bonafide work carried out by Pradeep Prakash (1NH20CS148), Punith K K(1NH20CS171), VijayaGoud Patil(1NH21CS422) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Subhashree Rath)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

Signature with date

1. Dr. G. V. Jayasekaran

2. Prof. Karthik S



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Smart Phishing Website Detection Using Machine Learning”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

INDIBAR DUTTA : 1NH20CS091

FARAZ SHAHJAHAN : 1NH20CS071

SYED ZAID ZAKIR : 1NH20CS223

Under the guidance of

Ms. LAVANYA C

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase work entitled "Smart Phishing Website Detection Using Machine Learning" is a bonafide work carried out by INDIBAR DUTTA (1NH20CS091), SYED ZAID ZAKIR (1NH20CS223) and FARAZ SHAHJAHAN (1NH20CS071) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Ms. Lavanya C)


Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali Mahure
2. Mr. Navroze Simloyya B.E

Signature with date






NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“An Improved Attendance Monitoring System through
Facial Recognition using RetinaFace Algorithm”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

VARUN MG : 1NH20CS242

VISHVASH BOHRA : 1NH20CS250

VRUSHIL ASHOKKUMAR KALSARIYA : 1NH20CS251

Under the guidance of

Ms. Chempavathy B
Sr Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "An Improved Attendance Monitoring System through Facial Recognition using RetinaFace Algorithm" is a bonafide work carried out by VARUN MG (1NH20CS242) , VISHVASH BOHRA (1NH20CS250) , VRUSHIL ASHOKKUMAR KALSARIYA (1NH20CS251) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Chempavathy B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali Mahure
2. Narasimhaiah B.E

Signature with date

28/05/24

28/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Developing a Hybrid Cryptography Algorithm for
Enhanced Secure Communication”**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ABDULLAH TANZEEM : 1NH20CS005

ADARSH BENGALUR : 1NH20CS012

AHMAD RAZA : 1NH20CS299

Under the guidance of

Ms.Thanga Subha Devi

Assistant Professor

Department of CSE

2023-24




NEW HORIZON COLLEGE OF ENGINEERING

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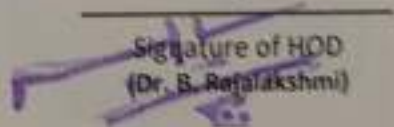
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Developing a Hybrid Cryptography Algorithm for Enhanced Secure Communication" is a bonafide work carried out by ABDULLAH TANZEEM(1NH20CS005), ADARSH BENGALUR(1NH20CS012) and AHMAD RAZA (1NH20CS299) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.



Signature of Guide
(Ms.M Thanga Subha Devi)



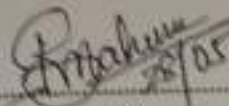
Signature of HOD
(Dr. B. Rajalakshmi)

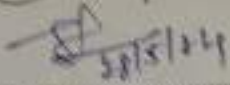
External Viva

Name of Examiner

1. Dr. Sonali Yahure
2. Narminhaayga. R.E

Signature with date





28/5/24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

MAJOR PROJECT PHASE-2 REPORT

on

**"AI-POWERED CCTV ANALYSIS For Crowd
Management, Threat Detection And Anomaly
Identification"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

KAUSHIK KUMAR : 1NH20CS109
RAHUL PRATAP SRIVASTAVA : 1NH20CS177
RAHUL VIVEK NAIR : 1NH20CS178

Under the guidance of

Ms. J Sivapriya
Assistant Professor
Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "AI-POWERED CCTV ANALYSIS For Crowd Management, Threat Detection, And Anomaly Identification" is a bonafide work carried out by KAUSHIK KUMAR (1NH20CS109), RAHUL PRATAP SRIVASTAVA (1NH20CS177) and RAHUL VIVEK NAIR (1NH20CS178) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. J Sivapriya)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. Nimmale M.

[Signature]
22/5

2. Dr. Chhaya Suryashon Dale

[Signature]
22/5



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"CURBSIDE WASTE MANAGEMENT SYSTEM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

**PRERAN V: 1NH20CS166
RUTHVIK D N: 1NH21CS415
G V SRUSHIL: 1NH20CS302**

Under the guidance of

Ms. BHAVYA R
Assistant Professor
Department of CSE

2023-24



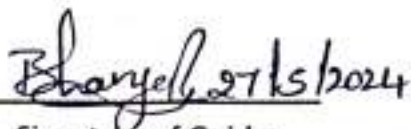
NEW HORIZON COLLEGE OF ENGINEERING

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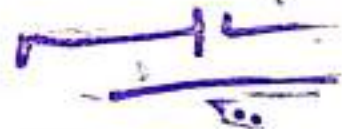
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-1 work entitled "CURBSIDE WASTE MANAGEMENT SYSTEM" is a bonafide work carried out by Preran V (1NH20CS166), Ruthvik D N (1NH21CS415), G V Srushil (1NH20CS302) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide
(Ms. Bhavya R)



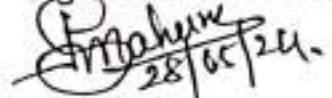
Signature of HOD
(Dr. B. Rajalakshmi)

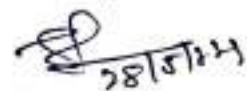
SEE VIVA VOCE

Name of Examiner

1. Dr. Sonali Mahure
2. Navroojimayya. B.F

Signature with date







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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

AN PROJECT PHASE-2 REPORT

on

"Skin Cancer Identification and Classification"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

G PAVAN KUMAR: 1NH20CS279

V PUNEETH KUMAR: 1NH20CS292

ABHISHEK CRM: 1NH20CS298

Under the guidance of

Ms. Kavitha U

Assistant Professor

Department of CSE, NHCE

ACADEMIC YEAR 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Skin Cancer Identification and Classification" is a bonafide work carried out by PAVAN KUMAR G(1NH20CS279), PUNEETH KUMAR V (1NH20CS292) and ABHISHEK C R M (1NH20CS298) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

Signature of Guide
(Ms. Kavitha U)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M.

2. Narasimhaiah B.E

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Virtual Fitness Trainer Using Artificial Intelligence" is a bonafide work carried out by PRAJWAL S (1NH18CS414), SWATHI V (1NH21CS420), E R NAGA CHAITHANYA (1NH20CS070) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.


28.05.24

Signature of Guide
(Ms. Lakshmi S Hanne)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M.
2. Narasimhaiah B.F

Signature with date


28/05

28/5/24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Virtual Fitness Trainer Using Artificial Intelligence”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PRAJWAL S : 1NH18CS414

SWATHI V : 1NH21CS420

E R NAGA CHAITHANYA : 1NH20CS070

Under the guidance of

Ms. Lakshmi S Hanne

Assistant Professor

Department of CSE

ACADEMIC YEAR: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**STRESS DETECTION IN IT EMPLOYEES USING MACHINE
LEARNING**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

R GANESH CHANDAN :1NH20CS173

SUJITH SRINIVASA :1NH20CS218

SURAJ S :1NH20CS222

Under the guidance of

Mr. Bhaskar S V
Senior Assistant Professor
Department of CSE, NHCE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **STRESS DETECTION IN IT EMPLOYEES USING MACHINE LEARNING** is a bonafide work carried out by **R GANESH CHANDAN (1NH20CS173)**, **SUJITH SRINIVASA (1NH20CS218)** and **SURAJ S (1NH20CS222)** in partial fulfilment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Mr. Bhaskar. S V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M.
2. Narasimhaiah B.C

Signature with date



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"TENNIS GAME ANALYSIS USING DEEP LEARNING
AND MACHINE LEARNING"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MD MINHAJ ALI : 1NH20CS300

Under the guidance of

Ms. Lavanya C
Assistant professor
Department of CSE

Academic Year: 2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Tennis game analysis using deep learning and machine learning" is a bonafide work carried out by MD MINHAJ ALI (1NH20CS300) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Lavanya C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M
2. Narasimhaiah. B.E

Signature with date



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"E-HEALTH RECORD MANAGEMENT AND DISTRIBUTION
USING CLOUD"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SHAHANA KHAN : 1NH19CS255

DHIRAJ KUMAR PANDIT : 1NH20CS068

RAKSHIT RAJ : 1NH20CS181

Under the guidance of

Ms. M.THANGA SUBHA DEVI

Assistant Professor

Department of CSE

2023-24



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "EHEALTH RECORD MANAGEMENT AND DISTRIBUTION USING CLOUD" is a bonafide work carried out by SHAHANA KHAN (1NH19CS255), DHIRAJ KUMAR PANDIT (1NH20CS068) and RAKSHIT RAJ (1NH20CS181) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. M. Thanga Subha Devi)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M.
2. Noroshimayya. B.F

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT PHASE-2 REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"HEALTH DISCERNMENT SYSTEM USING CNN"

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY**

SM SUBHANI BASHA –1NH20CS199

Under the guidance of

Mr. GELUVARAJ
Assistant Professor

**BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY**

AMRUTHA H M - 1NH20EC012
DEBIRUPA SYAM - 1NH20EC040
DISHA NAYAK – 1NH20EC047

Under the guidance of

Mr. SABITABRATA BHATTACHARYA
Senior Assistant Professor

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-I work entitled "HEALTH DISCERNMENT SYSTEM USING CNN" is a bonafide work carried out by DEBIRUPA SYAM (1NH20EC040), AMRUTHA H M (1NH20EC012) and DISHA NAYAK (1NH20EC047) in partial fulfilment for the award of Bachelor of Engineering in ELECTRONICS AND COMMUNICATIONS ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

MR. SABITABRATA BHATTACHARYA

Signature of HOD-ECE

DR. ARAVINDA K

SEE Viva

Name of Examiner

1. Dr. M. Jayanthi.....

2. Dr. B. K. S. Reddy.....

Signature with date

.....mjayanthi 31/5/24

.....B.K.S.Reddy 31/5/2024



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-I work entitled "HEALTH DISCERNMENT SYSTEM USING CNN" is a bonafide work carried out by SM SUBHANI BASHA (1NH20CS199) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

MR. GELUVARAJ

Signature of HOD-CSE

DR. B RAJALAKSHMI

SEE Viva

Name of Examiner

1. Dr. Saurabh Kumar R

2. Dr. B. Raja Reddy

Signature with date

B. V. Saurabh

3/1/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“REAL TIME LANGUAGE TRANSLATION BASED ON
VOICE RECONITION”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

VALLUR MOHAMMED ARSH : 1NH20CS240

K SHREECHARAN : 1NH20CS305

Under the guidance of

Ms. Lakshmi Hanne

Assistant Professor

Department of CSE

2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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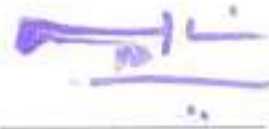
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Real Time Language Translation Based on Voice Recognition" is a bonafide work carried out by VALLUR MOHAMMED ARSH (1NH20CS240) and K SHREECHARAN (1NH20CS305) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.



Signature of Guide
(Ms. Lakshmi Hanne)



Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M.
2. Manoj Kumar B.E

Signature with date






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A PROJECT REPORT (20CSE84A)

ON

“Analysis of Trending NFTs using Time-Series Data and Machine
Learning”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PURUSHOTHAMA S – 1NH20CS172

RAHUL BABU REDDY – 1NH20CS176

ULLAS B S – 1NH20CS232

Under the guidance of

Ms. Kavitha U

Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



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Accredited by NAAC with 'A' Grade & Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "Analysis of Trending NFTs using Time-Series Data and Machine Learning" is a bonafide work carried out by Purushothama S (1NH20CS172), Rahul Babu Reddy (1NH20CS176), Ullas B S (1NH20CS232) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Kavitha U)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

1. Dr. Sonali M.

2. Narasimhaiah B.E

Signature with date

Dr. B. Rajalakshmi
28/05/23

Dr. B. Rajalakshmi
28/05/23



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"The Interactive Convergence of Generative AI and
Facial Expression Recognition"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

JUMAINAH KHAN : 1NH20CS100

SAIFUDEEN HISHAM K M : 1NH20CS192

Under the guidance of

Ms. Florance G
Senior Assistant Professor
Department of CSE

2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "The Interactive Convergence of Generative AI and Facial Expression Recognition" is a bonafide work carried out by JUMAINAH KHAN (1NH20CS100) and SAIFUDEEN HISHAM K M (1NH20CS192) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Florance G)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M.
2. Navarajmbayya. B.E

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**“Sentimental Analysis of Twitter During Covid-19
Pandemic”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

M VINAY RAKUMAR : 1NH20CS127

P R VISHWANATH : 1NH20CS149

Under the guidance of

Ms. Nayana N Kumar

Assistant Professor

Department of CSE

2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Sentimental Analysis of Twitter During Covid-19 Pandemic" is a bonafide work carried out by M VINAY RAKUMAR (1NH20CS127), P R VISHWANATH (1NH20CS149) and in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Ms. Nayana N Kumar)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

1. Dr. Sonali M.
2. Narasimhaiah R.E

Signature with date

Dr. Sonali M.
28/06

Narasimhaiah R.E
28/5/24



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Accredited by NAAC with 'A' Grade & Accredited by NBA

A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"SPAM COMMENT DETECTION ON YOUTUBE"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

VISHNU VARDHAN REDDY-1NH20CS156

PIDAPA SREENATH REDDY-1NH20CS157

Under the guidance of

Ms.Chitra C

Sr.Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEW HORIZON COLLEGE OF ENGINEERING

(Autonomous Institution Affiliated to VTU & Approved by AICTE)

Accredited by NAAC 'A', Accredited by NBA

Outer Ring Road, Panathur Post, Kadubeesanahalli, Bangalore – 560103

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
Accredited by NAAC with 'A' Grade & Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled "SPAM COMMENT DETECTION ON YOUTUBE" is a bonafide work carried out by P VISHNU VARDHAN REDDY(1NH20CS156), PIDAPA SREENATH REDDY(1NH20CS157), in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Chitra C)
Sr. Assistant Professor

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

1. Dr. Sonali M.
2. Navarathna. B.E

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU. Approved by AICTE & UGC
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A PROJECT REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“CLOUD BASED WASTE MANAGEMENT SYSTEM
USING DIJKSTRA’S ALGORITHM”**

in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

NIKHIL KUMAR V -1NH20CS139

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

KAKARLA SAI KRISHNA -1NH20EC059

KALUVAI RAJ KUMAR -1NH20EC060

ARETI AKHILA -1NH20EC015

Under the guidance of
Ms. CHEMPAVATHY
Sr. Assistant Professor

Under the guidance of
Ms. MAMTA B SAVADATTI
Sr. Assistant Professor

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "CLOUD BASED WASTE MANAGEMENT USING DIJKSTRA'S ALGORITHM" is a bonafide work carried out by NIKHIL KUMAR V (1NH20CS139) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Mamta B Savadatti)

Signature of Guide
(Ms. Chempavathy)

Signature of HOD
(HOD-CSE)

SEE Viva

Name of Examiner

1. Dr. Santhosh Krishna R.
2. Dr. B. Jayja Reddy

Signature with date

1. Dr. Santhosh Krishna R. 3/5/2024
2. Dr. B. Jayja Reddy 3/5/2024



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-I work entitled "CLOUD BASED WASTE MANAGEMENT USING DIJKSTRA'S ALGORITHM" is a bonafide work carried out by KAKARLA SAI KRISHNA (1NH20EC059), KALUVAI RAJ KUMAR (1NH20EC060), ARETI AKHILA (1NH20EC015) and NIKHIL KUMAR V (1NH20CS139) in partial fulfilment for the award of Bachelor of Engineering in ELECTRONICS AND COMMUNICATION ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Mamta B Savadatti)

Signature of Guide
(Ms. Chempavathy)

Signature of HOD
(HOD-ECE)

SEE Viva

Name of Examiner

1. Dr. M. Jayanthi
2. Dr. B. Lakshadatta

Pr.
New Horizon College of Engineering
Ring Road, Badalur Post,
Bengaluru - 560 103

Signature with date

1. 31/5/24
2. 31/5/20



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AN INTERNSHIP REPORT (20CSE83A)

on

“Wordpress Development”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

J Jai Sudhan

USN: 1NH20CS092

INTERNSHIP CARRIED OUT AT

Wynswell Global Business Services PVT LTD

Under the guidance of

INTERNAL GUIDE:

Ms. Yasaswi A

Assistant Professor

Department of CSE, NHCE

EXTERNAL GUIDE:

Mr. Arpit Raj

Director

Wynswell Global Business Services

Pvt Ltd

ACADEMIC YEAR 2023-24



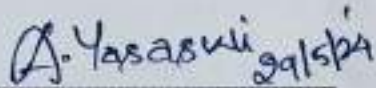
NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Internship work entitled "Wordpress Development" is a bonafide work carried out by J Jai Sudhan (1NH20CS092) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The Internship report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said Degree.



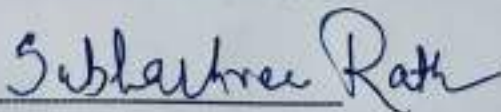
Signature of Guide
(Ms. Yasaswi A)

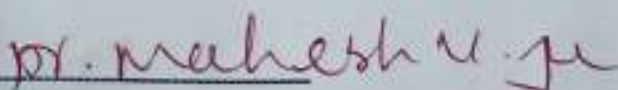


Signature of HOD
(Dr. B. Rajalakshmi)

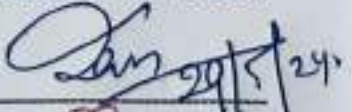
External Viva

Name of Examiner

1. 

2. 

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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Accredited by NAAC with 'A' Grade, Accredited by NBA

A PROJECT PHASE-II REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“ECOLOGICAL SURVEILLANCE AND CRISIS MANAGEMENT: EARLY FOREST FIRE PREDICTION AND ENDANGERED SPECIES IDENTIFICATION “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

AKSHAY HERLE - 1NH20CS022

AMAN KUMAR JHA - 1NH20CS024

SHAKSHAM GUPTA - 1NH20CS201

Under the guidance of
Dr. ASHOK K
Associate Professor, CSE

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY

SAUMYADEEP DAS -1NH20EC143

Under the guidance of
Mr. PRATIK CHATTERJEE
Assistant Professor, ECE

Academic Year: 2023-24

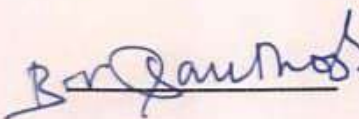
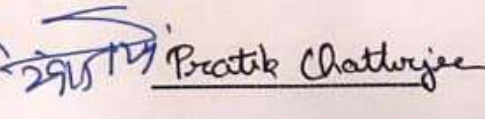


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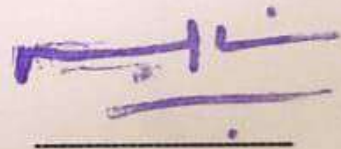
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "ECOLOGICAL SURVEILLANCE AND CRISIS MANAGEMENT: EARLY FOREST FIRE PREDICTION AND ENDANGERED SPECIES IDENTIFICATION" is a bonafide work carried out by AKSHAY HERLE (1NH20CS022), AMAN KUMAR JHA (1NH20CS024) and SHAKSHAM GUPTA (1NH20CS201) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Signature of Guide



Signature of HOD

(Dr. Ashok K)

(Mr. Pratik Chatterjee)

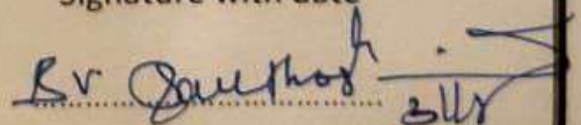
(Dr. B. Rajalakshmi)

SEE Viva

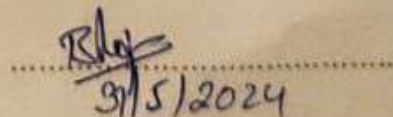
Name of Examiner

Signature with date

1. Dr. Saurabh Kishore BV

 3/5/2024

2. Dr. B. Kishore Reddy

 3/5/2024



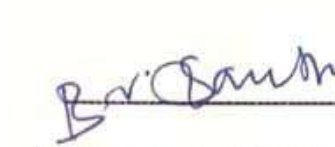
NEW HORIZON COLLEGE OF ENGINEERING

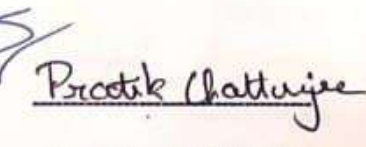
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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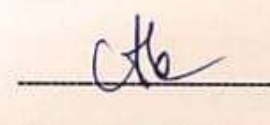
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary Project Phase-II work entitled "“ECOLOGICAL SURVEILLANCE AND CRISIS MANAGEMENT: EARLY FOREST FIRE PREDICTION AND ENDANGERED SPECIES IDENTIFICATION”" is a bonafide work carried out by SAUMYADEEP DAS (1NH20EC143) in partial fulfilment for the award of Bachelor of Engineering in ELECTRONICS AND COMMUNICATIONS ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Dr. Ashok K)

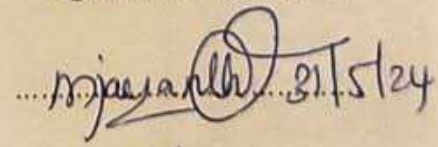
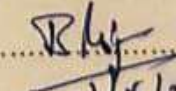

Signature of Guide
(Mr. Pratik Chatterjee)
Dept. of ECE
Electronics and Communication
New Horizon College of Engineering
Bangalore - 560 103
SEE Viva


Signature of HOD
(Dr. Aravinda K)
Professor and HOD - ECE
New Horizon College of Engineering
Ring Road, Ball
Bangalore

Name of Examiner

Signature with date

1. Dr. M. Jayanthi.....
2. Dr. B. Anjaly.....

 31/5/24
 31/5/2024



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

**"Leveraging Neural Networks for Forest Fire and
Human Poacher Detection"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PRATHIK JOEL D'SOUZA: 1NH20CS164

NIKHIL NARAYAN: 1NH20CS140

NIKHIL RAVI: 1NH20CS141

Under the guidance of

Ms. ASHA RANI BORAH
Senior Assistant Professor
Department of CSE

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-1 work entitled "Leveraging Neural Networks for Forest Fire and Human Poacher Detection" is a bonafide work carried out by **Nikhil Narayan (1NH20CS140)**, **Nikhil Ravi (1NH20CS141)**, **Prathik Joel D'Souza (1NH20CS164)** in partial fulfilment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2023-2024**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Asha Rani Borah)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner

1. Dr. J. Maruthiyanthi

2. S. Kumaar

Signature with date

J. Maruthiyanthi
27/5/24

S. Kumaar
27/5/24



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT PHASE-II REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“COGNILEARN- EMPOWERING MINDS, POWERED BY AI “

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY**

NISCHITH TN -1NH20CS144
SAKSHAM GUPTA -1NH20CS193

Under the guidance of
Ms. ASHA RANI BORAH
Senior Assistant Professor, CSE

**BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY**

BHARATH B -1NH20IS022

Under the guidance of
Dr. VANDANA CP
Associate Professor & HOD, ISE

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project phase-II work entitled "COGNILEARN-EMPOWERING MINDS, POWERED BY AI" is a bonafide work carried out by NISCHITH T N (1NH20CS144) and SAKSHAM GUPTA (1NH20CS193) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Asha Rani Borah)

Signature of Guide

(Dr. Vandana C P)

Signature of HOD

(HOD-CSE)

SEE Viva

Name of Examiner

1. Dr. C. Vinodhini

2. Dr. Ashok K

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

**A PROJECT PHASE-II REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**“Real-Time Monitoring and Health Management of Aquatic Life
with AquaTracker”**

Submitted in partial fulfillment for the award of the degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY**

MANIK GUPTA - 1NH20CS124
SUDEEP M ARASHINGODI - 1NHCS20CS216

Under the guidance of
Ms. ASHA RANI BORAH
Senior Assistant Professor, CSE

**BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY**

SHREYA ACHARYA - 1NH20IS159

Under the guidance of
Dr. RAJLAKSHMI GHATKAMBLE
Associate Professor, ISE

Academic Year: 2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project phase-II work entitled "Real-Time Monitoring and Health Management of Aquatic Life with AquaTracker" is a bonafide work carried out by MANIK GUPTA (1NH20CS124) and SUDEEP M ARASHINGODI (1NH20CS216) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2023-2024. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Asha Rani Borah)

Signature of Guide
(Dr. Rajlakshmi Ghatkamble)

Signature of HOD
(HOD-CSE)

SEE Viva

Name of Examiner

1. Dr. A. Venkatesh.....
2. Dr. Aslok K.....

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

“Interpretable skin cancer classification using optimize convolutional neural network for a smart health care system”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

A V SIVAREDDY: 1NH19CS024

B SAI PAVAN KALYAN: 1NH19CS253

C SIVANADH YADAV: 1NH19CS035

Under the guidance of

Dr. Santosh Kumar

Designation

Department of CSE

2023-24



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "Interpretable skin cancer classification using optimize convolutional neural network for a smart health care system" is a bonafide work carried out by A V SIVAREDDY (1NH19CS024), B SAI PAVAN KALYAN (1NH19CS253) and C SIVANADH YADAV (1NH19CS035) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2023-2024. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Signature of Guide
(Dr. Santosh Kumar)

Signature of MOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. G. VITAYASARAN

G. Vitayasaran
28/5/24

2. Prof. Karthik.S

Karthik
28/5/2024