NEW HORIZON COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FIELD PROJECT UNDERTAKEN BY STUDENTS - AY 2022-23

Team No.	Dept	Name of the Student	Internal/External	Project Title	Organisation	Project Duration	External Guide
1	CSE	Keshav Krishna Kumar	Internal	Interactive VBE and IPSL Aid for the Disabled using a GRU Based Model	NHCE	3 MONTHS	
	CSE	Joel Jacob Stephen	Internal		NHCE	3 MONTHS	
	CSE	J Mukundh	Internal		NHCE	3 MONTHS	
2	CSE	Sanjay Raghavendra	Internal	Crowd Counting on Real Time Scenerious using Deep Learning	NHCE	3 MONTHS	
	CSE	Sri Tanmayi Ch	Internal		NHCE	3 MONTHS	
	CSE	Srishti Hiremath	Internal		NHCE	3 MONTHS	
3	CSE	Kavya S	Internal	Design and development of medical diagnosis system for identifying different levels of Alzheimer's disease	NHCE	3 MONTHS	
	CSE	Guna Keerthi P	Internal		NHCE	3 MONTHS	
	CSE	Likitha R	Internal		NHCE	3 MONTHS	
4	CSE	Rakshitha.B.A	Internal	Synergy-Extending Consolation for people with ASD	NHCE	3 MONTHS	
	CSE	Shriya B Krishnan	Internal		NHCE	3 MONTHS	
5	CSE	Chinmay Anand	Internal	Malware Analysis and Sandboxing	NHCE	3 MONTHS	
	CSE	Shreya Korada	Internal		NHCE	3 MONTHS	
	CSE	Raksha S	Internal		NHCE	3 MONTHS	
6	CSE	Ajay PV	Internal	OpenDots: Securely connecting people with common interest using machine learning algorithm	NHCE	3 MONTHS	
	CSE	Achuth GA	Internal		NHCE	3 MONTHS	
	CSE	Ranganath K	Internal		NHCE	3 MONTHS	
7	CSE	Chowdavaram Mohith Raghudeep I	Internal	Agranomy Apparatus Using Convolution Neural Network	NHCE	3 MONTHS	
	CSE	Rangani Roshini	Internal		NHCE	3 MONTHS	
	CSE	L.N.SaiNeha	Internal		NHCE	3 MONTHS	
8	CSE	Harshitha K	Internal	Diagnosis of diabetes and predicting the insulin dosage in Bengaluru north	NHCE	3 MONTHS	
	CSE	Hemanth M	Internal		NHCE	3 MONTHS	
	CSE	Likith AB	Internal		NHCE	3 MONTHS	
9	CSE	M thejesh reddy	Internal	Cyberbulling	NHCE	3 MONTHS	
	CSE	G shiva teja reddy	Internal		NHCE	3 MONTHS	
	CSE	G koushik	Internal		NHCE	3 MONTHS	
10	CSE	S S R Meghana	Internal	Personality detection for recruitment using machine learning	NHCE	3 MONTHS	
	CSE	Megana M	Internal		NHCE	3 MONTHS	
	CSE	Sonitha Mandava	Internal		NHCE	3 MONTHS	
11	CSE	E Vinay Babu	Internal	Detection of cyber attacks using AI	NHCE	3 MONTHS	
	CSE	Talamadupula Hafeez	Internal		NHCE	3 MONTHS	
	CSE	P.Md.Siddiq	Internal		NHCE	3 MONTHS	
12	CSE	Somnath Mukherjee	Internal	Deepfake detection using deeplearning	NHCE	3 MONTHS	
	CSE	Jagadeesh Kumar	Internal		NHCE	3 MONTHS	
	CSE	Bharat Puri	Internal		NHCE	3 MONTHS	
	CSE	Gangireddy Ramya Sri	Internal	Efficient Authentication Key	NHCE	3 MONTHS	

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13	CSE	Gundre Sai Sruthi	Internal	Efficient Authentication Key Generator for data sharing on the cloud	NHCE	3 MONTHS	
	CSE	Esikala Nithish Mani Krishna	Internal		NHCE	3 MONTHS	
14	CSE	Guggulla geetha priyanka	Internal	Analysis of Women Safety in India using machine learning on different social media platform	NHCE	3 MONTHS	
	CSE	Konapalli sai chaitanya reddy	Internal		NHCE	3 MONTHS	
15	CSE	L. V. Subba Reddy	Internal	Real time rice leaf disease detection and remedy using CNN	NHCE	3 MONTHS	
	CSE	G. Ramesh	Internal		NHCE	3 MONTHS	
	CSE	G. Shanmukha Srinivasa Reddy	Internal		NHCE	3 MONTHS	
16	CSE	Peerzada Anzar Azmat	Internal	Shinakth - Envisioning Reliable Diagnosis of Diabetic Retinopathy using U-Net Architecture	NHCE	3 MONTHS	
	CSE	Avni Garg	Internal		NHCE	3 MONTHS	
	CSE	Malik Najeeb Ul Habib	Internal		NHCE	3 MONTHS	
17	CSE	Shushank Balaji Reddy	Internal	Security in IOT using Federated Deep Learning	NHCE	3 MONTHS	
	CSE	Shibi Stephen K	Internal		NHCE	3 MONTHS	
	CSE	Sathish Kotturi	Internal		NHCE	3 MONTHS	
18	CSE	Anusha V Salimath	Internal	KORUS- Transpiling speech into code using Natural Language Processing	NHCE	3 MONTHS	
	CSE	Anirudh Pandita	Internal		NHCE	3 MONTHS	
	CSE	Anasuya Dutta	Internal		NHCE	3 MONTHS	
19	CSE	Aditi Vyas	Internal	BMyVision: A virtual sight for the visually impaired	NHCE	3 MONTHS	
	CSE	Arpita Gado	Internal		NHCE	3 MONTHS	
	CSE	Chidanandita Mohanty	Internal		NHCE	3 MONTHS	
20	CSE	Akash Kumar Barik	Internal	Detecting the accuracy of cancer stem cell in brain tumor	NHCE	3 MONTHS	
	CSE	Keerthana Balakrishnan	Internal		NHCE	3 MONTHS	
	CSE	Aditya Raj	Internal		NHCE	3 MONTHS	
21	CSE	Soundarya S M	Internal	Infirmity Prognostics using Deep Learning	NHCE	3 MONTHS	
	CSE	Sujey Rajesh Naik	Internal		NHCE	3 MONTHS	
	CSE	Sharanya M	Internal		NHCE	3 MONTHS	
22	CSE	Aditya Goswami	Internal	Speech and Hearing Assistance for people with impairment using deep learning	NHCE	3 MONTHS	
	CSE	Anant Shaynam	Internal		NHCE	3 MONTHS	
	CSE	Bindya	Internal		NHCE	3 MONTHS	
23	CSE	Nishanth SB	Internal	Precission Farming and Crop yield prediction using Deep learning	NHCE	3 MONTHS	
	CSE	Adithya Arabale	Internal		NHCE	3 MONTHS	
	CSE	Charanraj KR	Internal		NHCE	3 MONTHS	
24	CSE	Ujwal V	Internal	A Deep learning model for collective disorder using VGG-16	NHCE	3 MONTHS	
	CSE	V Ravi Raj	Internal		NHCE	3 MONTHS	
	CSE	Sacheth NK	Internal		NHCE	3 MONTHS	
25	CSE	Maraka Monika Reddy	Internal	Secure cloud based transportation system using cyber security and	NHCE	3 MONTHS	
	CSE	P.Veda Sai	Internal		NHCE	3 MONTHS	

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	CSE	L.Nithin Reddy	Internal	artificial intelligence	NHCE	3 MONTHS	
26	CSE	K.Abhilash Reddy	Internal	Data Leakage Detection using Cloud Computing	NHCE	3 MONTHS	
	CSE	K.Sai Girish	Internal		NHCE	3 MONTHS	
	CSE	M.Nandi Vardhan Reddy	Internal		NHCE	3 MONTHS	
27	CSE	T J Tejas Maladhkar	Internal	Tech-It-Easy: An application for the physically Impaired using Deep Learning	NHCE	3 MONTHS	
	CSE	Serena M	Internal		NHCE	3 MONTHS	
	CSE	Rahmath Mohis	Internal		NHCE	3 MONTHS	
28	CSE	DUDDUKUNTA MANEESH RED	Internal	Accident Evasion and Warning System	NHCE	3 MONTHS	
	CSE	V REDDY DHEERAJ REDDY	Internal		NHCE	3 MONTHS	
	CSE	VAMSHIKA SUSHMA APPAJI	Internal		NHCE	3 MONTHS	
29	CSE	HITESH KHADKA	Internal	AskUs!: Ranking images with Remarks.	NHCE	3 MONTHS	
	CSE	OM SHANKAR SAH	Internal		NHCE	3 MONTHS	
	CSE	SANJANA R CHANDRAGIRI	Internal		NHCE	3 MONTHS	
30	CSE	P M ARSHIYA ZEBA	Internal	DISTRIBUTED REQUEST TRACING	NHCE	3 MONTHS	
	CSE	NIKITHA P	Internal		NHCE	3 MONTHS	
31	CSE	R.MANOJKUMAR	Internal	Vaccine Suggestion using CNN	NHCE	3 MONTHS	
	CSE	NAMA V N S ANILBABU	Internal		NHCE	3 MONTHS	
	CSE	RAJSAGAR KUMAR	Internal		NHCE	3 MONTHS	
32	CSE	Sneha A	Internal	Enhancing accuracy in vehicle detectoin using SIFT	NHCE	3 MONTHS	
	CSE	N Charan	Internal		NHCE	3 MONTHS	
	CSE	Monesh G	Internal		NHCE	3 MONTHS	
33	CSE	DHRUV SALIGRAM	Internal	Real Time Traffic Assistance for Road Sign Detection using AI	NHCE	3 MONTHS	
	CSE	DIPAYAN BHATTACHARJEE	Internal		NHCE	3 MONTHS	
	CSE	MANU MANJUNATH K R	Internal		NHCE	3 MONTHS	
34	CSE	BADA RAJASEKHAR REDDY	Internal	Pothole Detection Using Deep Learning to help people.	NHCE	3 MONTHS	
	CSE	BOYA HARSHITHA	Internal		NHCE	3 MONTHS	
	CSE	M MITHUN KUMAR REDDY	Internal		NHCE	3 MONTHS	
35	CSE	ATHARVA V KAPADNIS	Internal	Magic Vision: AR-assisted visualization	NHCE	3 MONTHS	
	CSE	MEGHNA ASUTI	Internal		NHCE	3 MONTHS	
	CSE	SALONI BELLIAPPA B	Internal		NHCE	3 MONTHS	
36	CSE	N . Sai Eshwar	Internal	Identifying Individual Posture Using Machine Learning	NHCE	3 MONTHS	
	CSE	K.Sasidhar Reddy	Internal		NHCE	3 MONTHS	
	CSE	J venkata Rohith Reddy	Internal		NHCE	3 MONTHS	
37	CSE	Sanjivani	Internal	Frame work for CyberSecurity and Risk Management	NHCE	3 MONTHS	
	CSE	Soumyadip Roy	Internal		NHCE	3 MONTHS	
	CSE	Darshan J	Internal		NHCE	3 MONTHS	

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38	CSE	Amar D K	Internal	Robot for Isolation Ward	NHCE	3 MONTHS	
	CSE	Akshay Yellure	Internal		NHCE	3 MONTHS	
	CSE	Amogh D M	Internal		NHCE	3 MONTHS	
39	CSE	Pranati N	Internal	Timelapse Camera	NHCE	3 MONTHS	
	CSE	R Karthik	Internal		NHCE	3 MONTHS	
	CSE	R Srivatsan	Internal		NHCE	3 MONTHS	
40	CSE	MEHABOOBSUBHANI JAMADA	Internal	Skin Lesion Classification using Hybrid Deep Neural Networks	NHCE	3 MONTHS	
	CSE	Shaik Uzair K	Internal		NHCE	3 MONTHS	
	CSE	Mohammed Ayaan Khan	Internal		NHCE	3 MONTHS	
41	CSE	Kiran B S	Internal	MELONOMA	NHCE	3 MONTHS	
	CSE	Rama Murthy V	Internal		NHCE	3 MONTHS	
	CSE	Sachin	Internal		NHCE	3 MONTHS	
42	CSE	Nishitha Tanukunuri	Internal	ARTSY: Digital Assistance and Routine Detection Using ML	NHCE	3 MONTHS	
	CSE	Vijay Kumar Reddy P	Internal		NHCE	3 MONTHS	
	CSE	Karthik Surya J	Internal		NHCE	3 MONTHS	
43	CSE	Nageshwaran G	Internal	Iot based Automobile authentication system for vehicles	NHCE	3 MONTHS	
	CSE	Suriya R L	Internal		NHCE	3 MONTHS	
	CSE	Rakshith C	Internal		NHCE	3 MONTHS	
44	CSE	Sneha G P	Internal	Ocean Saviour: free from plastic	NHCE	3 MONTHS	
	CSE	Talamadupula Ameesha	Internal		NHCE	3 MONTHS	
	CSE	Quitika Reddy	Internal		NHCE	3 MONTHS	
45	CSE	Peter Thapa	Internal	SEVA: Secure E-Voting Application	NHCE	3 MONTHS	
	CSE	Prabhas Khadka	Internal		NHCE	3 MONTHS	
	CSE	Dhiraj Thakur	Internal		NHCE	3 MONTHS	
46	CSE	S Swetha	Internal	Mental health monitor using facial recognition	NHCE	3 MONTHS	
	CSE	Sanju Sarvashni	Internal		NHCE	3 MONTHS	
47	CSE	Bharath B S	Internal	Copy-Move Forgery Detection	NHCE	3 MONTHS	
	CSE	BASIREDDY MOUNISH KUMAR	Internal		NHCE	3 MONTHS	
	CSE	Ankireddy Rama Lingeswara Reddy	Internal		NHCE	3 MONTHS	
48	CSE	Mohammad Huzaifa	Internal	AGROBOT: An Agricultural Robot using IoT and Machile Learning	NHCE	3 MONTHS	
	CSE	Rajshekhar Reddy	Internal		NHCE	3 MONTHS	
	CSE	Pavan G reddy	Internal		NHCE	3 MONTHS	
49	CSE	YASHAS K M	Internal	Elevating Network Experience in LAN	NHCE	3 MONTHS	
	CSE	TEJU D	Internal		NHCE	3 MONTHS	
	CSE	VAIBHAV V	Internal		NHCE	3 MONTHS	
50	CSE	Ritika Basavaraj Hiremath	Internal	Smart gloves development implementing Tiny ML for real time	NHCE	3 MONTHS	
	CSE	Vanshika Sai Ramadurgam	Internal		NHCE	3 MONTHS	

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	CSE	Deepak Kumar Shaw	Internal	sign language recognition	NHCE	3 MONTHS	
51	CSE	Ashin Kunjumon	Internal	Vehicle crash detection and alert signal using CNN	NHCE	3 MONTHS	
	CSE	Meena Thambhan	Internal		NHCE	3 MONTHS	
	CSE	Athul Roy	Internal		NHCE	3 MONTHS	
52	CSE	POKALA KEERTHANA	Internal	Security level detection of cryptosystems using machine learning	NHCE	3 MONTHS	
	CSE	NIHARIKA REDDY R	Internal		NHCE	3 MONTHS	
	CSE	N KARTHIK REDDY	Internal		NHCE	3 MONTHS	
53	CSE	Goutam Naidu	Internal	RECOGNIZING FACE IN DISGUISE USING TRANSFER LEARNING	NHCE	3 MONTHS	
	CSE	Nilesh v kamath	Internal		NHCE	3 MONTHS	
	CSE	R Gowtham	Internal		NHCE	3 MONTHS	
54	CSE	Vijay Selvaraj J	Internal	Implemention of home price prediction	NHCE	3 MONTHS	
	CSE	Vinay C R	Internal		NHCE	3 MONTHS	
	CSE	Prakruthi C Prakash	Internal		NHCE	3 MONTHS	
55	CSE	REHAN NASIM	Internal	Virtual assistance for visually impaired people using YOLO algorithm	NHCE	3 MONTHS	
	CSE	RAVI KUMAR P	Internal		NHCE	3 MONTHS	
	CSE	SUPREME POKHREL	Internal		NHCE	3 MONTHS	
56	CSE	Mohammad Ainain	Internal	Breast Cancer Detection using Deep Learning Methodology	NHCE	3 MONTHS	
	CSE	Neel Ganapathi Sabhahit	Internal		NHCE	3 MONTHS	
	CSE	Milina M	Internal		NHCE	3 MONTHS	
57	CSE	S REVANTH KUMAR	Internal	META NOTE MEETING SUMMARIZER'S USING MACHINE LEARNING	NHCE	3 MONTHS	
	CSE	SUFIYAN PASHA K	Internal		NHCE	3 MONTHS	
	CSE	RAKSHITH H R	Internal		NHCE	3 MONTHS	
58	CSE	SHREEDHAR V KALAHAL	Internal	Phishing Webpage Detection Method Based on Multidimensional Features Driven by Deep Learning	NHCE	3 MONTHS	
	CSE	RAJESH G	Internal		NHCE	3 MONTHS	
	CSE	RANGANATH	Internal		NHCE	3 MONTHS	
59	CSE	Vishvajith	Internal	Plantation Monitoring and Wild Fire Alarm System	NHCE	3 MONTHS	
	CSE	Chehul Chinnappa	Internal		NHCE	3 MONTHS	
	CSE	Swayam Prakash Sahoo	Internal		NHCE	3 MONTHS	
60	CSE	AMIDALA VINAY RANGA	Internal	Fraud Recuritment detection using machine learning	NHCE	3 MONTHS	
	CSE	AMMIDAL RAKESH	Internal		NHCE	3 MONTHS	
	CSE	CHARITHA P REDDY	Internal		NHCE	3 MONTHS	
61	CSE	BALAJI S	Internal	Plant Infirmity Detection using deeplearning	NHCE	3 MONTHS	
	CSE	B N SHIVACHARAN	Internal		NHCE	3 MONTHS	
	CSE	AAQIB NISSAR	Internal		NHCE	3 MONTHS	
62	CSE	AMAN TEWARI	Internal	Fitness poses detection using machine learning	NHCE	3 MONTHS	
	CSE	JYOTHSNA N	Internal		NHCE	3 MONTHS	

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	CSE	ADITYA N H	Internal	[illegible] learning	NHCE	3 MONTHS	
63	CSE	Karthikeyan Umesh	Internal	Product Prize Rate Prediction using Linear Regression and Shopping Assistant	NHCE	3 MONTHS	
	CSE	G Nikhileswara Reddy	Internal		NHCE	3 MONTHS	
	CSE	K V Charan Reddy	Internal		NHCE	3 MONTHS	
64	CSE	lavanya V	Internal	Stroke risk Precition with hybrid deep transfer learning framework	NHCE	3 MONTHS	
	CSE	sanmitha K	Internal		NHCE	3 MONTHS	
	CSE	sanjana parit	Internal		NHCE	3 MONTHS	
65	CSE	KASISH S V	Internal	Analysis of trending NFTs using Time Series Techniques	NHCE	3 MONTHS	
	CSE	JASHWANTH M S	Internal		NHCE	3 MONTHS	
	CSE	UMASHANKAR REDDY M	Internal		NHCE	3 MONTHS	
66	CSE	Gagan P	Internal	Cytocol-online law system	NHCE	3 MONTHS	
	CSE	Maitri Sidharth Mehta	Internal		NHCE	3 MONTHS	
	CSE	Niharika Mahesh	Internal		NHCE	3 MONTHS	
67	CSE	S J Kennith	Internal	Student's Soul-Non Transferable Token	NHCE	3 MONTHS	
	CSE	Tejashwin U	Internal		NHCE	3 MONTHS	
	CSE	Rohit Manivel	Internal		NHCE	3 MONTHS	
68	CSE	G M ROHIT	Internal	Coin track cap	NHCE	3 MONTHS	
	CSE	BONTHU DEVI VARA PRASAD	Internal		NHCE	3 MONTHS	
	CSE	B. YASHWANTH KUMAR	Internal		NHCE	3 MONTHS	
69	CSE	Vidyasagar A	Internal	Voice UI	NHCE	3 MONTHS	
	CSE	Nithish S N	Internal		NHCE	3 MONTHS	
	CSE	Yogesh Gowda K K	Internal		NHCE	3 MONTHS	
70	CSE	Dhammini U	Internal	An efficient De-hazing technique for vision based applications	NHCE	3 MONTHS	
	CSE	Monika M K	Internal		NHCE	3 MONTHS	
	CSE	Nethra C	Internal		NHCE	3 MONTHS	
71	CSE	SHIVANGI	Internal	ENCEPHALON- solve and code using CNN	NHCE	3 MONTHS	
	CSE	SHREEYAM	Internal		NHCE	3 MONTHS	
	CSE	RANJAN KUMAR SAH	Internal		NHCE	3 MONTHS	
72	CSE	Shreyas Chaudhary	Internal	Utilising Deep Learning as a Law Enforcement Ally	NHCE	3 MONTHS	
	CSE	Sourabh VN	Internal		NHCE	3 MONTHS	
	CSE	Chitturi Deepesh Kumar	Internal		NHCE	3 MONTHS	
73	CSE	Tanuj Singh Rathore	Internal	Bitcoin price prediction	NHCE	3 MONTHS	
	CSE	Krishna Agrahari	Internal		NHCE	3 MONTHS	
	CSE	Saumik Shubham	Internal		NHCE	3 MONTHS	
74	CSE	Manjunath T U	Internal	Detection of distributed denial of service attack in SDN	NHCE	3 MONTHS	
	CSE	Kallepalli Vamshi Raju	Internal		NHCE	3 MONTHS	
	CSE	K John Prasad	Internal		NHCE	3 MONTHS	

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75	CSE	Polepalle Eekshith Kumar	Internal	Healthily:Multiple Disease Prediction	NHCE	3 MONTHS	
	CSE	P Dola Sai Varma	Internal		NHCE	3 MONTHS	
	CSE	P Chandra Sekhar Raju	Internal		NHCE	3 MONTHS	
76	CSE	Umesh M	Internal	DDoS attacks Detection and Analysis	NHCE	3 MONTHS	
	CSE	Vishnu Girish G	Internal		NHCE	3 MONTHS	
	CSE	Yasir Yaqoob	Internal		NHCE	3 MONTHS	
77	CSE	MAJJI BHARGAV SAI	Internal	Gas Level Detection and Automatic Booking /using IOT	NHCE	3 MONTHS	
	CSE	HEMANTH KUMAR S	Internal		NHCE	3 MONTHS	
	CSE	G DUNDI VIGNESH	Internal		NHCE	3 MONTHS	
78	CSE	Jivan N	Internal	Real-Estate Appraisal	NHCE	3 MONTHS	
	CSE	Karthikeyan kant	Internal		NHCE	3 MONTHS	
	CSE	kishore nataraj	Internal		NHCE	3 MONTHS	
79	CSE	Likith S	Internal	Smart Greenhouse Using IoT Devices	NHCE	3 MONTHS	
	CSE	Sushruth A C	Internal		NHCE	3 MONTHS	
	CSE	Syed Mohammed Sana Asfiya	Internal		NHCE	3 MONTHS	
80	CSE	Anuraag Ramesh	Internal	Farmers Friend: An IOT Based Robot	NHCE	3 MONTHS	
	CSE	Aadhithiya RK	Internal		NHCE	3 MONTHS	
	CSE	Srajan Sharma	Internal		NHCE	3 MONTHS	
81	CSE	NANDAN K N	Internal	Perception of Flaws in Steel using ResNet50 algorithm	NHCE	3 MONTHS	
	CSE	LOKESH B S	Internal		NHCE	3 MONTHS	
	CSE	KIRAN RAJ SURESH MALALI	Internal		NHCE	3 MONTHS	
82	CSE	R.Vishveshvaran	Internal	Leaf-Let Care Plus	NHCE	3 MONTHS	
83	CSE	Naveena Govindarajan	Internal	Fire evacuation simulation-agent based modelling	NHCE	3 MONTHS	
	CSE	Preethi S	Internal		NHCE	3 MONTHS	
	CSE	Pranav Bedre	Internal		NHCE	3 MONTHS	
84	CSE	Shrinidhi M H	Internal	The Soul Safety	NHCE	3 MONTHS	
	CSE	Prafulla	Internal		NHCE	3 MONTHS	
	CSE	Deepika Neelappa Gouda	Internal		NHCE	3 MONTHS	
85	CSE	Jaikishan Naik	Internal	Image dehazing multiple-exposure using artificial intelligence for image fusion	NHCE	3 MONTHS	
	CSE	Syed Shahid	Internal		NHCE	3 MONTHS	
	CSE	Abhishek L	Internal		NHCE	3 MONTHS	
86	CSE	Rohan Kumar Mandal	Internal	Elderly Fall Detection using Deep Learning	NHCE	3 MONTHS	
	CSE	Siddharth Nair	Internal		NHCE	3 MONTHS	
	CSE	Siddharth Shankar Choudhary	Internal		NHCE	3 MONTHS	
87	CSE	K V CHARAN KUMAR	Internal	Converting 2D images to 3D models using Machine Learning	NHCE	3 MONTHS	
	CSE	SRINIVAS NANDA V	Internal		NHCE	3 MONTHS	

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	CSE	GAGAN TEJ N	Internal	[illegible]	NHCE	3 MONTHS	
88	CSE	Bishal Ghosh	Internal	Virtual classroom	NHCE	3 MONTHS	
	CSE	Gobinda Saha	Internal		NHCE	3 MONTHS	
	CSE	Udit Sah	Internal		NHCE	3 MONTHS	
89	CSE	Yerrinatha Reddy s	Internal	Facial Trait using neural networks	NHCE	3 MONTHS	
	CSE	Yaswanth Basineni	Internal		NHCE	3 MONTHS	
	CSE	C.Harsha Vardhan Reddy	Internal		NHCE	3 MONTHS	
90	CSE	Ajith Kumar T	Internal	DETECTING INFLOW AND INFILTRATION WATER IN WASTE WATER CHANNELS USING AI/ML	NHCE	3 MONTHS	
	CSE	Ananya B Pinglay	Internal		NHCE	3 MONTHS	
	CSE	Bashrath Tanzim	Internal		NHCE	3 MONTHS	
91	CSE	Palle Geethika	Internal	Image recognition and enhancement using muilti scale retinex and histogram equalization	NHCE	3 MONTHS	
	CSE	Indrani.C	Internal		NHCE	3 MONTHS	
	CSE	Ramya swathi.k	Internal		NHCE	3 MONTHS	
92	CSE	Pragya Goel	Internal	Website fingerprinting using deep learning	NHCE	3 MONTHS	
	CSE	Pragati Subhdarshinee	Internal		NHCE	3 MONTHS	
	CSE	SWAPNIL SHUKLA	Internal		NHCE	3 MONTHS	
93	CSE	B SUNANDITHA	Internal	Abhimudrey - NLP based model for differently abled using CNN and RNN	NHCE	3 MONTHS	
	CSE	SWETA LEENA	Internal		NHCE	3 MONTHS	
94	CSE	Himanshu Singh	Internal	Eye Blink- a mode of communication	NHCE	3 MONTHS	
	CSE	Naresh H Suthar	Internal		NHCE	3 MONTHS	
	CSE	Venkata Rahul	Internal		NHCE	3 MONTHS	
95	CSE	Yajat Vishwakarma	Internal	OsmoSieve: Transforming and Integrating Data	NHCE	3 MONTHS	
	CSE	Dhanush Y P	Internal		NHCE	3 MONTHS	
	CSE	Muskan Rizwan Shaikh	Internal		NHCE	3 MONTHS	
96	CSE	Sai Jaswanth. E	Internal	Stress detection using ML	NHCE	3 MONTHS	
	CSE	Manas Kumar Reddy. Y	Internal		NHCE	3 MONTHS	
	CSE	Vijaya Bhaskara Reddy. V	Internal		NHCE	3 MONTHS	
97	CSE	Harsh Karanwal	Internal	Detecting Impersonators in Examination Hall	NHCE	3 MONTHS	
	CSE	Santosha L S Tallapalli	Internal		NHCE	3 MONTHS	
	CSE	Vibha Krishna Dandu	Internal		NHCE	3 MONTHS	
98	CSE	Bavanasi Abhishek	Internal	Fake Review Detection using machine learning algorithm	NHCE	3 MONTHS	
	CSE	Donapati Jaswanth Reddy	Internal		NHCE	3 MONTHS	
	CSE	C Ashwini Reddy	Internal		NHCE	3 MONTHS	
99	CSE	KISHORE KUMAR L	Internal	Decentralized KYC	NHCE	3 MONTHS	
	CSE	KUMAR S	Internal		NHCE	3 MONTHS	
	CSE	K ROHITH	Internal		NHCE	3 MONTHS	

TAKEN BY STUDENTS - AY 2022-23

Team No.	Dept	Name of the Student	Internal/External	Project Title	Organisation	Project Duration	External Guide
100	CSE	Ishan Aryan	Internal	Self Soverign Identity - An innovative blood donation management using Blockchain	NHCE	3 MONTHS	
	CSE	Irfan Hussain Gundoo	Internal		NHCE	3 MONTHS	
101	CSE	P Vahnitha	Internal	Vehicle Detection and Automatic Control	NHCE	3 MONTHS	
	CSE	Varshini Reddy P	Internal		NHCE	3 MONTHS	
	CSE	Praveen Reddy	Internal		NHCE	3 MONTHS	
102	CSE	V Annapoorna	Internal	Real time Comprehension Classification with ANN- Decoding Non-Verbal Behavior in E Learning Applications	NHCE	3 MONTHS	
	CSE	Swathi B B	Internal		NHCE	3 MONTHS	
	CSE	Prashanth N	Internal		NHCE	3 MONTHS	
103	CSE	YENUGUNTI TEJKIRAN	Internal	Stratification of garbage using deep learning	NHCE	3 MONTHS	
	CSE	LOHITH	Internal		NHCE	3 MONTHS	
	CSE	SHASANK POOLA	Internal		NHCE	3 MONTHS	
104	CSE	Chethan K R	Internal	Goyari Travels	NHCE	3 MONTHS	
	CSE	Thrupthi S	Internal		NHCE	3 MONTHS	
	CSE	Rahul Ijeri	Internal		NHCE	3 MONTHS	
105	CSE	Supradhar	Internal	Forex trade risk prediction using Bayesian statistics	NHCE	3 MONTHS	
	CSE	Amith S	Internal		NHCE	3 MONTHS	
	CSE	V Bhanuprakash	Internal		NHCE	3 MONTHS	
106	CSE	Yashas Kalathur Acharya	Internal	Game Outcome Prediction	NHCE	3 MONTHS	
	CSE	Sanidhya Singh	Internal		NHCE	3 MONTHS	
107	CSE	Kshitij K Shastry	Internal	Finger Vein Detection using SNN as Security System Implementation & Authentication	NHCE	3 MONTHS	
	CSE	N Gokul Sai	Internal		NHCE	3 MONTHS	
	CSE	Kavya Krishna	Internal		NHCE	3 MONTHS	
108	CSE	Karnakanti Hemanth	Internal	Recognizing facial expressions that are emotionally changed	NHCE	3 MONTHS	
	CSE	Pujala Srinivas	Internal		NHCE	3 MONTHS	
	CSE	Vinaya M K	Internal		NHCE	3 MONTHS	
109	CSE	Ejas ul Haq Asrari	Internal	Match Winning Team Prediction	NHCE	3 MONTHS	

PROJECT COORDINATOR

HOD-CSE 22.jun.23

Scanned with CamScanner

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Implementing an Interactive VBE and IPSL Aid for the Disabled"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MUKUNDH J : 1NH19CS065
JOEL JACOB STEPHEN : 1NH19CS068
KESHAV KRISHNA KUMAR : 1NH19CS077

Under the guidance of

Dr. B Meenakshi Sundaram
Professor
Department of CSE

Academic Year: 2022-23

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 work entitled "**Implementing an Interactive VBE and IPSL Aid for the Disabled**" is a bonafide work carried out by MUKUNDH J (1NH19CS065), JOEL JACOB STEPHEN (1NH19CS068) and KESHAV KRISHNA KUMAR (1NH19CS077) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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 12/05/23
(Dr. B Meenakshi Sundaram)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. B. Meenakshi Sundaram	13/05/23
2. Dr. P. N. Singh	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Crowd Counting for Risk Management using Deep Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

by

SANJAY RAGHAVENDRA: 1NH19CS157
SRI TANMAYI CH: 1NH19CS177
SRISHTI HIREMATH: 1NH19CS179

Under the guidance of

Dr. M Dhanalakshmi
Professor
Department of CSE

Academic Year: 2022-23

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 "**Crowd Counting for Risk Management using Deep Learning**" is a bona fide work carried out by SANJAY RAGHAVENDRA(1NH19CS157), SRI TANMAYI CH(1NH19CS177) and SRISHTI HIREMATH(1NH19CS179) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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.	
2.	12/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT(20CSE84A)

on

"Design and Implementation of a method for diagnosing various stages of Alzheimer's Diseases using Deep Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

KAVYA.S: 1NH19CS075
LIKITHA.R: 1NH19CS089
GUNA KEERTHI.P : 1NH19CS210

Under the guidance of

Dr. Rachana .P
Associate Professor
Department of CSE

Academic Year : 2022-23

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 "Design and Implementation of a method for diagnosing various stages of Alzheimer's Diseases using Deep Learning" is a bonafide work carried out by KAVYA.S (1NH19CS075), LIKITHA.R (1NH19CS089) and GUNA KEERTHI.P (1NH19CS210) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

03/05/23

Signature of Guide
(Dr. Rachana .P)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. B. Meenakshisundaram	13/05/23
2. Dr P N Singh	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Synergy – Extending Consolation to people with ASD"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RAKSHITHA B A : 1NH19CS143
SHRIYA B KRISHNAN: 1NH19CS169

Under the guidance of

Ms. Uma N
Senior Assistant Professor
Department of CSE

ACADEMIC YEAR 2022-23

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 work entitled "**Synergy** – Extending Consolation to people with **ASD**" is a bonafide work carried out by RAKSHITHA B A (1NH19CS143) and **SHRIYA B KRISHNAN (1NH19CS169)** in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Uma N)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Dhanalakshmi	13/5
2. Kiran S	12/05/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"MALWARE ANALYSIS AND SANDBOXING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

CHINMAY ANAND: 1NH19CS037
RAKSHA S: 1NH19CS140
SHREYA KORADA: 1NH19CS167

Under the guidance of

Dr. B Meenakshi Sundaram
Senior Assistant Professor
Department of CSE

2022-23

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 **"Malware Analysis and Sandboxing"** is a bonafide work carried out by CHINMAY ANAND (1NH19CS037), RAKSHA S(1NH19CS140) and SHREYA KORADA(1NH19CS167) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Dr. B Meenakshi Sundaram	13/5/23
2. Dr RV Singh	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Open Dots: Securely Connecting Like-minded People Using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ACHUTH GA : 1NH19CS702
AJAY PV : 1NH19CS705
RANGANATH K : 1NH19CS739

Under the guidance of

Dr. Rachana P
Associate Professor
Department of CSE

Academic Year: 2022-23

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 **"Open Dots: Securely Connecting Like-minded People Using Machine Learning"** is a bonafide work carried out by ACHUTH GA (1NH19CS702), AJAY PV (1NH19CS705), RANGANATH K (1NH19CS739) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Rachana P)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. B Meenakshi Sundaram	13/1/23
2. Dr R V Singh	18/1/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Agranomy Apparatus Using Convolution Neural Network"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

C .MOHITH REDDY: 1NH19CS039
RANGANI ROSHINI:1NH19CS145
L.N.SAI NEHA : 1NH19CS247

Under the guidance of

Dr. Tejas K Rayangoudar

Associate Professor
Department of CSE

Academic Year: 2022-23

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 **"Agranomy Apparatus Using Convoloution Neural Network"** is a bonafide work carried out by C.MOHITH RAGHUDEEP REDDY (1NH19CS039), RANGANI ROSHINI (1NH19CS145) and L.N.SAI NEHA (1NH19CS247) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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.Tejas K Rayangoudar)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Tejas KR	13/05
2. Indumathi S	13/5/23.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Diagnosis of Diabetes Mellitus in Bengaluru North using Gradient Boosting Algorithm"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

HARSHITHA K : 1NH19CS058
HEMANTH M : 1NH19CS060
LIKITH A B : 1NH19CS088

Under the guidance of

Dr. Tejas K R
Associate Professor
Department of CSE

2022-23

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 "**Diagnosis of Diabetes Mellitus in Bengaluru North using Gradient Boosting Algorithm**" is a bonafide work carried out by HARSHITHA K (1NH19CS058), HEMANTH M (1NH19CS060) and LIKITH A B (1NH19CS088) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Tejas K R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Tejas KR	13/05
2. Indumathi S	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"DETECTION OF CYBERBULLYING IN SOCIAL MEDIA USING MACHINE LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

G SHIVA TEJA REDDY : 1NH19CS051

G KOUSHIK : 1NH19CS054

M THEJESH REDDY : 1NH19CS093

Under the guidance of

Dr. Nirmala M
Associate Professor
Department of CSE

Academic year : 2022-23

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 work entitled **"DETECTION OF CYBERBULLYING IN SOCIAL MEDIA USING MACHINE LEARNING"** is a bonafide work carried out by G.SHIVA TEJA REDDY (1NH19CS051), G.KOUSHIK (1NH19CS054), M.THEJESH REDDY (1NH19CS093) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

Signature of Guide
(Dr. Nirmala M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr.M.Nirmala	13/5/23
2. Prasanna.N	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

On

"Personality Detection For Recruitment Using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

by

S R MEGHANA SARVEPALLY: 1NH19CS159
SONITHA MANDAVA: 1NH19CS174
MEGANA M: 1NH19CS723

Under the guidance of

Dr. Nirmala M
Associate Professor
Department of CSE

2022-23

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 **"Personality Detection For Recruitment Using Machine Learning"** is a bonafide work carried out by S R MEGHANA SARVEPALLY (1NH19CS159), SONITHA MANDAVA (1NH19CS174) and MEGANA M (1NH19CS723) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

9/5/23

Signature of Guide
(Dr. Nirmala M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

	Name of Examiner	Signature with date
1.	Dr N. Nirmala	13/5/23
2.	Prasanna. N	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

" Detection of Cyber Attacks Using Artificial Intelligence"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

E .VINAY BABU : 1NH19CS719
P.Md.SIDDIQ : 1NH19CS733
T.HAFEEZ : 1NH19CS753

Under the guidance of

Mr.Bhaskar SV
Senior Assistant Professor
Department of CSE

2022-23

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 work entitled " **Detection of Cyber Attacks Using Artificial Intelligence**" is a bonafide work carried out by **E.VINAY BABU(1NH19CS719) P.Md.SIDDIQ (1NH19CS733), T.HAFEEZ (1NH19CS753)** 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 2022-2023. 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 SV)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. B. Meenakshi Sundaram	18/05/23
2. Dr P N Singh	18/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"DEEPFAKE DETECTION USING DEEP LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

BHARAT PURI : 1NH19CS032
SOMNATH MUKHERJEE :1NH19CS173
JAGADEESH KUMAR : 1NH19CS231

Under the guidance of

Mr. Bhaskar S V

Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 "**Deepfake Detection Using Deep Learning**" is a bonafide work carried out by SOMNATH MUKHERJEE (1NH19CS173) in partial fulfilmentfor the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. B. Meenakshi Sundaram	13/05/23
2. Dr BV Singh	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Authentication key generator for data sharing on cloud by KAC Method"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ESIKALA NITHISH MANI KRISHNA:1NH19CS047
GANGIREDDY RAMYA SRI: 1NH19CS053
GUNDRE SAI SRUTHI: 1NH19CS056

Under the guidance of

Dr. SANTHOSHKRISHNA B.V
Associate Professor

Department of CSE

Academic Year: 2022-23

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 **"Authentication key generator for data sharing on cloud by KAC Method"** is a bonafide work carried out by ESIKALA NITHISH MANIKRISHNA (1NH19CS047), GANGIREDDY RAMYA SRI (1NH19CS053) and GUNDRE SAI SRUTHI(1NH19CS056) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

B.V. Santhosh 12/5/23

Signature of Guide
(Dr. Santhosh Krishna B.V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. B.V. Santhosh Krishna BV	B.V. Santhosh 13/5/23
2. Mohan Kumar TG	13/05/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"ANALYSIS OF WOMEN SAFETY IN INDIA USING MACHINE LEARNING ON DIFFERENT SOCIAL MEDIA PLATFORM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

Konapalli Sai Chaitanya Reddy: 1NH19CS081
Guggulla Geetha Priyanka: 1NH19CS055

Under the guidance of

Dr. Ashok k
Associate Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"ANALYSIS OF WOMEN SAFETY IN INDIA USING MACHINE LEARNING ON DIFFERENT SOCIAL MEDIA PLATFORM"** is a bonafide work carried out by Konapalli Sai Chaitanya Reddy:1NH19CS081, Guggulla Geetha Priyanka:1NH19CS055 in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/5/23

Signature of Guide
(Dr. Ashok k)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Monish. L	12/5

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT(20CSE84A)

on

"Real Time Rice Leaf Disease Detection And Remedy Using CNN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

G SHANMUKHA SRINIVASA REDDY : 1NH19CS050

LV. SUBBA REDDY : 1NH19CS086

G RAMESH : 1NH19CS720

Under the guidance of

Ms. Anu Mohan M
Assistant Professor
Department of CSE

Academic year : 2022-23

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 work entitled "**Real Time Rice Leaf Disease Detection And Remedy Using CNN**" is a bonafide work carried out by G SHANMUKHA SRINIVASA REDDY (1NH19CS050), LV SUBBA REDDY (1NH19CS086), G RAMESH (1NH19CS720) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Anu Mohan M

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. B. Meenakshisundaram	13/05/
2. Dr P.N. Singh	13/5/22

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Shinakth – Envisioning Reliable Diagnosis of Diabetic Retinopathy Using U-Net"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MALIK NAJEEB UL HABIB : 1NH19CS098
PEERZADA ANZAR AZMAT : 1NH19CS123
AVNI GARG : 1NH19CS709

Under the guidance of

Ms. Renuka Sandeep Gound
Senior Assistant Professor
Department of CSE

2022-23

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 **"Shinakth - Envisioning Reliable Diagnosis of Diabetic Retinopathy Using U-Net "** is a bonafide work carried out by MALIK NAJEEB UL HABIB (1NH19CS098), PEERZADA ANZAR AZMAT (1NH19CS123) and AVNI GARG (1NH19CS709) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Renuka Sandeep Gound

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Nirmala	
2. Prasanna N	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"An Experimental Analysis on Mitigating the Effects of Malicious Nodes in a Federated Learning System"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SATHISH KOTTURI : 1NH19CS160
SHIBI STEPHEN K : 1NH19CS163
SHUSHANK BALAJI REDDY : 1NH19CS170

Under the guidance of

Ms. Chempavathy B
Senior Assistant Professor
Department of CSE

2022-23

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 **"An Experimental Analysis on Mitigating the Effects of Malicious Nodes in a Federated Learning System"** is a bonafide work carried out by SATHISH KOTTURI (1NH19CS160), SHIBI STEPHEN K (1NH19CS163) AND SHUSHANK BALAJI REDDY (1NH19CS170) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/6/23

Signature of Guide
(Ms. Chempavathy B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. B. Meenakshisundaram	12.05.23
2. Dr B N Sujatha	12/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Korus – Transpiling Speech into Code Using NLP"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ANASUYA DUTTA: 1NH19CS016
ANIRUDH PANDITA: 1NH19CS018
ANUSHA SALIMATH: 1NH19CS020

Under the guidance of

Ms. PRAMILARANI K
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Korus – Transpiling Speech Into Code Using NLP"** is a bonafide work carried out by Anasuya Dutta (1NH19CS016), Anirudh Pandita (1NH19CS018) and Anusha Salimath (1NH19CS020) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

9/5/23

Signature of Guide
(Ms. PRAMILARANI K)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Dhanalakshmi	13/8
2. Kiran K B	12/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"BMyVision: A Virtual Eye For the Visually Impaired"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ADITI VYAS : **1NH19CS003**
ARPITA GADO : **1NH19CS021**
CHIDANANDITA MOHANTY : **1NH19CS205**

Under the guidance of

Ms. Soja Rani S
Senior Assistant Professor
Department of CSE

2022-23

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 **"BMyVision: A Virtual Eye for the Visually Impaired"** is a bonafide work carried out by ADITI VYAS (1NH19CS003), ARPITA GADO (1NH19CS021) and CHIDANANDITA MOHANTY (1NH19CS205) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/5/23

Signature of Guide
(Ms. Soja Rani S)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Dhanalakshmi	13/5
2. Keerthana B	13/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"DETECTING THE ACCURACY OF CANCER STEM CELL IN BRAIN TUMOR"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ADITYA RAJ: 1NH19CS005
AKASH KUMAR BARIK: 1NH19CS007
KEERTHANA BALAKRISHNAN: 1NH19CS076

Under the guidance of

Dr. R Suganya
Associate Professor
Department of CSE

Academic Year: 2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "**Detecting the accuracy of cancer stem cell in brain tumor**" is a bonafide work carried out by Aditya Raj (1NH19CS005), Akash Kumar Barik (1NH19CS007), Keerthana Balakrishnan(1NH19CS076) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. R Suganya))

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner

Signature with date

1. Dr. R. SUGANYA 31/05/23.
2. Poutham .B 31/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"INFIRMITY PROGNOSTICS USING DEEP LEARNING"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SOUNDARYA S M : 1NH19CS176
SUJEY RAJESH NAIK : 1NH19CS181
SHARANYA M : 1NH19CS207

Under the guidance of

Mr. Manjunatha Swamy C
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Infirmity Prognostics using Deep Learning"** is a bonafide work carried out by **SOUNDARYA S M (1NH19CS176), SUJEY RAJESH NAIK (1NH19CS181) and SHARANYA M (1NH19CS207)** in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

9/5/23

Signature of Guide
(Mr. Manjunatha Swamy C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

	Name of Examiner	Signature with date
1.		13/5
2.		13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

" Deep Learning Implemented Communication System for the Auditory and Verbally Challenged"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

ADITYA GOSWAMI : 1NH19CS004

ANANT SHAYNAM : 1NH19CS014

BINDYA S : 1NH19CS712

Under the guidance of

Ms. Chempavathy B.
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Deep Learning Implemented Communication System for the Auditory and Verbally Challenged"** is a bona-fide work carried out by ADITYA GOSWAMI(1NH19CS004), ANANT SHAYNAM (1NH19CS014) and BINDYA S (1NH19CS712) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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	Signature with date
1.	Dr M. Dhanalakshmi	13/5
2.		12/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"A novel approach for monitoring agricultural production process using wireless sensor networks and Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ADITYA ARABALE : 1NH19CS703
CHARANRAJ K R : 1NH19CS713
NISHANTH S B : 1NH19CS730

Under the guidance of

Ms. Subhashree Rath
Senior Assistant Professor
Department of CSE

2022-23

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 **"A NOVEL APPROACH FOR MONITORING AGRICULTURAL PRODUCTION PROCESS USING WIRELESS SENSOR NETWORKS AND MACHINE LEARNING"** is a bonafide work carried out by ADITYA ARABALE (1NH19CS703), CHARANRAJ K R (1NH19CS713) AND NISHANTH SB (1NH19CS730) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

13/05/23

Signature of Guide
(Ms. Subhashree Rath)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Dhanalakshmi	13/5
2. Kiran C B	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"A Deep learning model for collective disorder using Visual Geometry Group 16"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

V RAVI RAJ : 1NH19CS226
UJWAL V : 1NH19CS235
SACHETH NK : 1NH19CS246

Under the guidance of

Ms Shreenagamanjularani.C
Senior Assistant Professor
Department of CSE

2022-23

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 **"A Deep learning model for collective disorder using Visual Geometry Group 16"** is a bonafide work carried out by **V RAVI RAJ (1NH19CS226), UJWAL V (1NH19CS235) and SACHETH NK(1NH19CS246)** in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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.C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. M. Nirmala	13/5
2. Prasanna. N	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Secure Cloud-Based Transportation System using Cyber Security and Artificial Intelligence"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

L. NITHIN REDDY: 1NH19CS085
P. VEDA SAI: 1NH19CS121
M. MONIKA REDDY: 1NH19CS222

Under the guidance of

Ms.CHEMPAVATHY.B
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Secure Cloud-Based Transportation System Using Cyber Security and Artificial Intelligence"** is a bonafide work carried out by L. NITHIN REDDY(1NH19CS085), P. VEDA SAI(1NH19CS121), M. MONIKA REDDY(1NH19CS222), in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/5/23

Signature of Guide
(Ms.Chempavathy B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Nirmala	13/5
2. Prasanna.N	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Data Leakage Detection Using Cloud Computing"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

K. ABHILASH REDDY : 1NH19CS080
K. SAI GIRISH : 1NH19CS082
M. NANDI VARDHAN REDDY : 1NH19CS091

Under the guidance of

Dr. Renuka Sandeep Gound
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Data Leakage Detection Using Cloud Computing"** is a bonafide work carried out by K. ABHILASH REDDY (1NH19CS080), K. SAI GIRISH (1NH19CS082) and M. NANDI VARDHAN REDDY (1NH19CS091) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Renuka Sandeep Gound)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. H. Nirmala	13/5
2. Prasanna. N	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"TECH-IT-EASY: AN APPLICATION FOR PHYSICALLY IMPAIRED PEOPLE USING DEEP LEARNING"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RAHMATH MOHIS: 1NH19CS136
SERENA M: 1NH19CS162
T J TEJAS MALADHKAR: 1NH19CS186

Under the guidance of

Ms. DEVI NAVEEN
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"TECH-IT-EASY: AN APPLICATION FOR PHYSICALLY IMPAIRED PEOPLE USING DEEP LEARNING"** is a bonafide work carried out by RAHMATH MOHIS (1NH19CS136), SERENA M (1NH19CS162) and T J TEJAS MALADHKAR (1NH19CS186) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Devi S 11/05/23

Signature of Guide
(Ms. DEVI NAVEEN)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Santhosh Krishna BV	B.V. Santhosh 13/5/23
2. Mohan Kumar TG	13/05/23

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Accident Evasion and Warning System"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

VAMSHIKA SUSHMA APPAJI :1NH19CS229
V REDDY DHEERAJ :1NH19CS242
DUDDUKUNTA MANEESH REDDY :1NH19CS717

Under the guidance of

Ms. PRAMILARANI. K
Senior Assistant Professor
Department of CSE

2022-23

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 Project work entitled "**Accident Evasion and Warning System**" is a bonafide work carried out by VAMSHIKA SUSHMA APPAJI (1NH19CS229), V REDDY DHEERAJ (1NH19CS242), DUDDUKUNTA MANEESH REDDY (1NH19CS717) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

Signature of Guide
(Ms. Pramilarani k)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Santhosh Kumar BV	15/5/23
2. Mohan Kumar TG	15/05/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"RANKING IMAGES WITH SCRUTINISED COMMENTS USING VADER ALGORITHM"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

by

HITESH KHADKA: 1NH19CS062
OM SHANKAR SAH: 1NH19CS116
SANJANA R CHANDRAGIRI: 1NH19CS155

Under the guidance of

Ms. SOJA RANI
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Ranking Images with Scrutinized Comments using Vader Algorithm"** is a bonafide work carried out by HITESH KHADKA (1NH19CS062), OM SHANKAR SAH (1NH19CS116) and SANJANA R CHANDRAGIRI (1NH19CS155) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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 BV	13/5/23
2. Mohan Kumar T.G.	13/05/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT(20CSE84A)

on

"Predictive Protection of Sensitive Data"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NIKITHA P : 1NH19CS114
P M ARSHIYA ZEBA : 1NH19CS732

Under the guidance of

Dr. B. Meenakshi Sundaram
Professor
Department of CSE

Academic Year : 2022-23

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 work entitled "**Predictive Protection of Sensitive Data**" is a bonafide work carried out by NIKITHA P (1NH19CS114) and P M ARSHIYA ZEBA (1NH19CS732) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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 12/05/23
(Dr. B. Meenakshi Sundaram)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. B. Meenakshi Sundaram	12/05/23
2. Dr BV Singh	12/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Vaccination Details Using Face Recognition"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

Raj Sagar Kumar : 1NH19CS137
R Manoj Kumar : 1NH19CS138
Nama Anil Babu : 1NH19CS728

Under the guidance of

Ms. ANU MOHAN M
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Vaccination Details using Face Recognition"** is a bonafide work carried out by Raj Sagar Kumar (1NH19CS137), R Manoj Kumar (1NH19CS138) and Nama Anil Babu(1NH19CS728) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

Signature of Guide
(Ms. Anu Mohan M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Santhosh Krishna BV	18/5/23
2. Mohan Kumar TG	18/05/23

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COLLEGE OF ENGINEERING
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Research on Enhancing Accuracy in Vehicle Detection using SIFT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SNEHA A : 1NH19CS171
N CHARAN : 1NH19CS726
MONESH G : 1NH19CS105

Under the guidance of

Ms. Anu Mohan M
Assisstant Professor
Department of CSE

2022-23

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 work entitled "Research on Enhancing Accuracy in Vehicle Detection using SIFT" is a bonafide work carried out by SNEHA A (1NH19CS171), N CHARAN (1NH19CS726) and MONESH G (1NH19CS105) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Anu Mohan M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Monish. L	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"REAL TIME TRAFFIC ASSISTANCE FOR ROAD SIGN DETECTION USING AI"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

DHRUV DIGGAVI SALIGRAM : 1NH19CS042
MANU MANJUNATH K R : 1NH19CS100
DIPAYAN BHATTACHARJEE : 1NH19CS043

Under the guidance of

Ms. Jayashree M
Senior Assistant Professor
Department of CSE

2022-23

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 work entitled **"REAL TIME TRAFFIC ASSISTANCE FOR ROAD SIGN DETECTION USING AI"** is a bonafide work carried out by **DHRUV DIGGAVI SALIGRAM(1NH19CS042), MANU MANJUNATH K R (1NH19CS100)** and **DIPAYAN BHATTACHARJEE(1NH19CS043)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2022-2023**. 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. Jayshree M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Manish. L	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"EXPLORATION ON POTHOLE DETECTION USING IOT TO HELP PEOPLE"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

BOYA HARSHITHA:1NH19CS209
MALLU MITHUN KUMAR REDDY:1NH19CS234
BADA RAJASEKHAR REDDY:1NH19CS711

Under the guidance of

Dr. R.Suganya
Associate Professor
Department of CSE

2022-2023

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 **"Exploration On Pothole Detection Using IOT To Help People"** is a bonafide work carried out by BOYA HARSHITHA (1NH19CS209), MALLU MITHUN KUMAR REDDY (1NH19CS234) and BADA RAJSEKHAR (1NH19CS711) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/05/23

Signature of Guide
(Dr.Suganya.R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Suganya	13/05/23
2. Preetham. B	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"AR: A Visual Aid for Classrooms"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MEGHNA ASUTI : 1NH19CS102
SALONI BELLIAPPA B :1NH19CS225
ATHARVA VISHAL KAPADNIS : 1NH19CS230

Under the guidance of

Ms. Srividhya Ganesan
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 "**AR: A Visual Aid for Classrooms**" is a bonafide work carried out by MEGHNA ASUTI (1NH19CS102), SALONI BELLIAPPA B (1NH19CS225) and ATHARVA VISHAL KAPADNIS (1NH19CS230) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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 G)**	Signature of HOD **(Dr. B. Rajalakshmi)**

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Manish. L	12/5

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Identifying Individual Posture Using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NARSEPALLI SAI ESHWAR: 1NH19CS110
JAKKU VENKATA ROHITTH REEDDY : 1NH19CS223
KANDIMALLA SASIDHAR REDDY : 1NH19CS237

Under the guidance of

Ms. Nayana N Kumar
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Identifying Individual Posture Using Machine Learning"** is a bonafide work carried out by KANDIMALLA SASIDHAR REDDY (1NH19CS237), JAKKU VENKATA ROHITTH REEDDY(1NH19CS223) and NARSEPALLI SAI ESHWAR (1NH19CS110) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. S. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	
2. Prof. Manish. L	

NEW HORIZON
COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"VULNERABILITY ANALYSIS ARCHITECTURE UTILIZING AUTO ENCODING BAYESIAN ALGORITHM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SANJIVANI : 1NH19CS158
SOUMYADIP ROY : 1NH19CS175
DARSHAN J : 1NH19CS715

Under the guidance of

Ms. D Salangai Nayagi
Senior Assistant Professor
Department of CSE

2022-23

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 work entitled **"VULNERABILITY ANALYSIS ARCHITECTURE UTILIZING AUTO ENCODING BAYESIAN ALGORITHM"** is a bonafide work carried out by SANJIVANI (1NH19CS158), SOUMYADIP ROY (1NH19CS175) AND DARSHAN J (1NH19CS715) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

9/6/23

Signature of Guide
(Ms. D Salangai Nayagi)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Monish. L	

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"ROBOT FOR ISOLATION WARD"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AKSHAY YELURE : 1NH19CS008
AMAR D K : 1NH19CS009
AMOGH D M : 1NH19CS013

Under the guidance of

Dr. ASHOK K
Associate Professor
Department of CSE

Academic Year: 2022-23

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 **"Robot for isolation ward"** is a bonafide work carried out by AKSHAY YELURE (1NH19CS008), AMAR D K (1NH19CS009), AMOGH D M (1NH19CS013) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Ashok K)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Mohish. L	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"TIME LAPSE APERTURE"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PRANATI N: 1NH19CS735
R KARTHIK: 1NH19CS737
R SRIVATSAN: 1NH19CS738

Under the guidance of

Mr. Manjunatha Swamy C
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 "**Time Lapse Aperture**" is a bonafide work carried out by PRANATI N (1NH19CS735), R KARTHIK (1NH19CS737) and R SRIVATSAN (1NH19CS738) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23.

Signature of Guide
(Mr. Manjunatha Swamy C)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D. Roja Ramani	13/5/2023
2. Naveen chandra Gowda	13/5/2023

NEW HORIZON
COLLEGE OF ENGINEERING
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A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"MELANOMA SKIN CANCER DETECTION USING DEEP LEARNING IMAGE PROCESSING"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KIRAN B S - 1NH20CS406

RAMA MURTHY V - 1NH20CS411

SACHIN RATHOD - 1NH20CS419

Under the guidance of

Mr. SANTOSH KUMAR B

Senior Assistant Professor

Academic Year: 2022-23

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 **"MELANOMA SKIN CANCER USING DEEP LEARNING IMAGE PROCESSING "** is a bonafide work carried out by **KIRAN B S (1NH20CS406), RAMA MURTHY V (1NH20CS411) , SACHIN RATHOD (1NH20CS419)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2022-2023**. 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. Santosh Kumar B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D Roja Ramani	
2. Naveen Chandra Gowda	

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

A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"MELANOMA SKIN CANCER DETECTION USING DEEP LEARNING IMAGE PROCESSING"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KIRAN B S - 1NH20CS406

RAMA MURTHY V - 1NH20CS411

SACHIN RATHOD - 1NH20CS419

Under the guidance of

Mr. SANTOSH KUMAR B

Senior Assistant Professor

Academic Year: 2022-23

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 **"MELANOMA SKIN CANCER USING DEEP LEARNING IMAGE PROCESSING "** is a bonafide work carried out by **KIRAN B S (1NH20CS406), RAMA MURTHY V (1NH20CS411) , SACHIN RATHOD (1NH20CS419)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2022-2023**. 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. Santosh Kumar B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D Roja Ramani	
2. Naveen Chandra Gowda	

NEW HORIZON
COLLEGE OF ENGINEERING
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT(20CSE84A)

on

ARTSY: AN ML ROUTINE DETECTING DESKTOP ASSISTANT

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NISHITHA TANUKUNURI : 1NH19CS115
VIJAY KUMAR REDDY P : 1NH19CS220
KARTHIK SURYA J : 1NH19CS236

Under the guidance of

Ms. Bhavya R
Assistant Professor
Department of CSE

ACADEMIC YEAR 2022-23

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 **"ARTSY: AN ML ROUTINE DETECTING DESKTOP ASSISTANT"** is a bonafide work carried out by NISHITHA TANUKUNURI (1NH19CS115), VIJAY KUMAR REDDY P (1NH19CS220), KARTHIK SURYA J (1NH19CS236) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Bhavya 12/5/23
Signature of Guide
(Ms. Bhavya R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D. Rafi Ramani	13/5/23
2. Naveen Chandra Gowda	18/5/23

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"IoT Based Vehicle Authentication Using Fingerprint and Anti-Theft Detection"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NAGESHWARAN G : 1NH19CS107
RAKSHITH C: 1NH19CS141
SURIYA R L : 1NH19CS135

Under the guidance of

Ms. Subhashree Rath
Senior Assistant Professor
Department of CSE

2022-23

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 "**IoT Based Vehicle Authentication Using Fingerprint and Anti-Theft Detection**" is a bonafide work carried out by NAGESHWARAN G (1NH19CS107),RAKSHITH C (1NH19CS141) and SURIYA R L (1NH19CS135) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

13/05/23

Signature of Guide
(Ms.Subhashree Rath)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D. Rajesh Ramai	13/5/23
2. Naveenchandra Gowda	13/5/2023

NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Ocean Saviour – Free From Plastic"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

QUITIKA REDDY : 1NH19CS119
SNEHA.G.P: 1NH19CS172
TALAMADUPULA AMEESHA: 1NH19CS752

Under the guidance of

Ms. C. Shreenagamanjula Rani
Senior Assistant Professor
Department of CSE

Academic Year : 2022-23

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 work entitled **"Ocean Saviour – Free From Plastic"** is a bonafide work carried out by QUITIKA REDDY (1NH19CS119), SNEHA.G.P (1NH19CS172) and TALAMADUPULA AMEESHA (1NH19CS752) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. C. Shreenagamanjula Rani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Tejas KR	13/05
2. Indumathi S	13/5

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"SEVA: Secure E-Voting Application"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

DHIRAJ THAKUR-1NH19CS041

PETER THAPA-1NH19CS124

PRABHAS KHADKA-1NH19CS128

Under the guidance of

Ms. NAYANA N KUMAR

Assistant Professor

Department of CSE

2022-23

NEW HORIZON COLLEGE OF ENGINEERING

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

CERTIFICATE

It is hereby certified that the project phase-2 work entitled **"SEVA: Secure E-Voting Application"** is a bonafide work carried out by DHIRAJ THAKUR (1NH19CS041), PETER THAPA (1NH19CS124), PRABHAS KHADKA (1NH19CS128) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon Collegeof Engineering during the year 2022-2023. 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. Nayana N Kumar)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Tejas KR	13/5
2. Indumathi S	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Mental Health Monitor Using Facial Recognition"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

S SWETHA : 1NH19CS153
SANJU SARVASHNI : 1NH19CS742

Under the guidance of

Ms. Devi Naveen
Senior Assistant Professor
Department of CSE

2022-23

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 "**Mental Health Monitor Using Facial Recognition**" is a bonafide work carried out by S SWETHA (1NH19CS153), and SANJU SARVASHNI (1NH19CS742) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

13/5/23

Signature of Guide
(Ms. Devi Naveen)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Nirmala	13/5
2. Prasanna.N	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Copy-Move Forgery Detection"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

BASIREDDY MOUNISH KUMAR REDDY: 1NH19CS030
BHARATH B S: 1NH19CS033
ANKIREDDY RAMA LINGESWARA REDDY: 1NH19CS216

Under the guidance of

Ms. Yogitha
Senior Assistant Professor
Department of CSE

2022-23

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 "**Copy-Move Forgery Detection**" is a bonafide work carried out by BASIREDDY MOUNISH KUMAR REDDY (1NH19CS030), BHARATH B S (1NH19CS033) and ANKIREDDY RAMA LINGESWARA REDDY (1NH19CS216) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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	Signature with date
1. Dr. Tejas K R	13/5/23
2. Indumathi	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"AGROBOT:- AGRICULTURAL ROBOT USING IOT AND MACHINE LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MOHAMMAD HUZAIFA: 1NH19CS250
RAJSHEKHAR REDDY: 1NH19CS254
PAVAN G: 1NH19CS734

Under the guidance of

Dr.D ROJA RAMANI
Associate Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Agrobot agricultural robot using IOT and machine learning"** is a bonafide work carried out by MOHAMMAD HUZAIFA (1NH19CS250), RAJA SEKHAR REDDY (1NH19CS254) and PAVAN G (1NH19CS734) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. D Roja Ramani	15/5/23
2. Naveen Chandra Gowda	15/5/2023

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"ELEVATING NETWORK EXPERIENCE IN LAN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

TEJU D: 1NH19CS188
VAIBHAV V : 1NH19CS192
YASHAS K M : 1NH19CS201

Under the guidance of

Mr.Manikandakumar M
Senior Assistant Professor
Department of CSE

2022-23

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 **"ELEVATING NETWORK EXPERIENCE IN LAN"** is a bonafide work carried out by **TEJU D(1NH19CS188), VAIBHAV V(1NH19CS192)** and **YASHAS K M(1NH19CS201)** in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/5/23

Signature of Guide
(Mr. Manikandakumar M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. DR. TEJAS K R	13/05/23
2. Indumathi	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Smart Gloves Development implementing TinyML for Real-time Sign Language Recognition"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

DEEPAK KUMAR SHAW : 1NH19CS716
RITIKA BASAVARAJ HIREMATH : 1NH19CS740
VANSHIKA SAI RAMADURGAM : 1NH19CS758

Under the guidance of

Mr. Santosh Kumar B
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Smart Gloves Development implementing TinyML for Real-time Sign Language Recognition"** is a bonafide work carried out by DEEPAK KUMAR SHAW (1NH19CS716), RITIKA BASAVARAJ HIREMATH (1NH19CS740), and VANSHIKA SAI RAMADURGAM (1NH19CS758) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Santosh Kumar B)**	Signature of HOD **(Dr. B. Rajalakshmi)**

External Viva

Name of Examiner	Signature with date
1. Dr. TEJAS KR	23/05/23
2. Indumathi	12/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"VEHICLE CRASH DETECTION AND ALERT SYSTEM USING CNN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ASHIN KUNJUMON : 1NH19CS022
MEENA THAMBAN : 1NH19CS101
ATHUL ROY : 1NH19CS708

Under the guidance of

Ms. Jayashree M
Senior Assistant Professor
Department of CSE

2022-23

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 "**Vehicle Crash Detection And Alert System Using CNN**" is a bonafide work carried out by ASHIN KUNJUMON (1NH19CS022), MEENA THAMBAN (1NH19CS101) and ATHUL ROY (1NH19CS708) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Jayashree M.

Signature of Guide
(Ms. Jayashree M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Suguna	13/05/23.
2. Preetham. B	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Security Level Detection of Cryptosystems using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

N KARTHIK REDDY : 1NH19CS106
NIHARIKA REDDY R : 1NH19CS113
POKALA KEERTHANA: 1NH19CS125

Under the guidance of

SRIVIDHYA GANESAN
Sr. Assistant Professor
Department of CSE

Academic Year:2022-23

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 work entitled **"Security Level Detection of Cryptosystems using Machine Learning"** is a bonafide work carried out by N KARTHIK REDDY (1NH19CS106), NIHARIKA REDDY R (1NH19CS113) and POKALA KEERTHANA (1NH19CS125) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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
(Srividhya Ganesan)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Sowmya	13/05/23.
2. Prof Dr Gowri. B	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"E-HEALTH CARE SYSTEM TO SECURE EHRs SHARING USING CLOUD"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

N V GOUTAM NAIDU: 1NH19CS227
NILESH VINOD KAMATH :1NH19CS232
R GOWTHAM NAIDU: 1NH19CS248

Under the guidance of

Ms. D SALANGAI NAYAGI

Senior Assistant Professor

Department of CSE

Academic Year: 2022-23

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 **"E-HEALTH CARE SYSTEM TO SECURE EHRs SHARING USING CLOUD"** isa bonafide work carried out by N V GOUTAM NAIDU (1NH19CS227), NILESH VINOD KAMATH(1NH19CS232), GOWTHAM R(1NH19CS248) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

Signature of Guide
(Ms.D Salangai Nayagi)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Sowmya	13/05/23
2. Prathap.B	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"IMPLEMENTATION OF HOUSE PRICE PREDICTION AND GOOGLE MAP USING MACHINE LEARNING"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PRAKRUTHI C PRAKASH: 1NH19CS132
VIJAY SELVARAJ J: 1NH19CS198
VINAY C R: 1NH19CS199

Under the guidance of
Dr. M. DHANALAKSHMI
Professor
Department of CSE

2022-23

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 "Implementation of House Price Prediction and Google Map Using Machine Learning" is a bonafide work carried out by Prakruthi C Prakash (1NH19CS132), Vijay Selvaraj J (1NH19CS198) and Vinay C R (1NH19CS199) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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	12/5
2. Kiran B	12/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Virtual Assistance for Visually Impaired Person using YOLO"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RAVI KUMAR P : 1NH19CS147
REHAN NASIM : 1NH19CS148
SUPREME POKHREL : 1NH19CS182

Under the guidance of

Dr. D Roja Ramani
Associate Professor
Department of CSE

2022-23

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 **"Virtual Assistance for Visually Impaired Person using YOLO"** is a bonafide work carried out by RAVI KUMAR P (1NH19CS147), REHAN NASIM (1NH19CS148) and SUPREME POKHREL (1NH19CS182) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/5/2023

Signature of Guide
(Dr. D Roja Ramani)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D. Roja Ramani	13/5/23
2. Naveen Chandra Gowda	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"BREAST CANCER DETECTION USING DEEP LEARNING METHODOLOGY"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

MILINA M: 1NH19CS103
MOHAMMAD AINAIN: 1NH19CS104
NEEL GANAPATHI SABHAHIT: 1NH19CS111

Under the guidance of

Ms. Yogitha
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Breast Cancer Detection using Deep Learning Methodology"** is a bonafide work carried out by MILINA M (1NH19CS103), MOHAMMAD AINAIN (1NH19CS104) and NEEL GANAPATHI SABHAHIT (1NH19CS111) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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	Signature with date
1. Dr. R. Suganya	13/05/23
2. Preetmam. R	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING
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Accredited by NAAC with 'A' Grade & Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"MetaNote- A Meeting Summarizer using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RAKSHITH HR : 1NH19CS142
S REVANTH KUMAR : 1NH19CS149
SUFIYAN PASHA K : 1NH19CS180

Under the guidance of

Ms. Bhavya R
Assistant Professor
Department of CSE

2022-23

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 "**MetaNote – A Meeting Summarizer using Machine Learning**" is a bonafide work carried out by RAKSHITH HR (1NH19CS142), S REVANTH KUMAR (1NH19CS149) and SUFIYAN PASHA K (1NH19CS180) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Bhavya 13/5/23

Signature of Guide
(Ms.Bhavya R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Suganya	13/05/23
2. Preetham B	13/5/23

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"PHISHING WEBPAGE DETECTION BASED ON MULTIDIMENSIONAL FEATURES DRIVEN BY DEEP LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RAJESH G : 1NH19CS139
RANGANATH: 1NH19CS144
SHREEDHAR V KALAHAL : 1NH19CS165

Under the guidance of

Mr. Manikandakumar M
Senior Assistant Professor
Department of CSE, NHCE

2022-23

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 **"Phishing Webpage Detection Based on Multidimensional Features Driven By Deep Learning"** is a bonafide work carried out by RAJESH G (1NH19CS139), RANGANATH (1NH19CS144) and SHREEDHAR V KALAHAL (1NH19CS165) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

Signature of Guide
(Mr. Manikandakumar M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Sumaiya	13/05/23
2. Preetham. B	12/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"MULTI FACTOR CROP MONITORING AND IRRIGATION OPTIMIZATION"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SWAYAM PRAKASH SAHOO: 1NH19CS749
T N CHEHUL CHINNAPPA: 1NH19CS751
VISHVAJITH: 1NH19CS759

Under the guidance of

MS. *BHAVYA R*
Assistant Professor
Department of CSE

Academic Year : 2022-23

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 work entitled **"MULTI FACTOR CROP MONITORING AND IRRIGATION OPTIMIZATION"** is a bonafide work carried out by **SWAYAM PRAKASH SAHOO (1NH19CS749), T N CHEHUL CHINNAPPA (1NH19CS751) and VISHVAJITH (1NH19CS759)** in partial fulfilment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Bhavya 12/5/23
Signature of Guide
(Ms. *Bhavya R*)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Suganya	13/05/23
2. Preetham. B	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Fraud Recruitment Detection Using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AMIDALA VINAY RANGA: 1NH19CS010
AMMIDAL RAKESH: 1NH19CS012
CHARITHA P REDDY: 1NH19CS036

Under the guidance of

Dr. Renuka Sandeep Gound
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Fraud Recruitment Detection Using Machine Learning"** is a bonafide work carried out by AMIDALA VINAY RANGA (1NH19CS010), AMMIDAL RAKESH (1NH19CS012) and CHARITHA P REDDY (1NH19CS036) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Renuka Sandeep Gound)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. A. Meenakshi Sundaram	12/5/2
2. Dr. P. N. Singh	12/5/2

NEW HORIZON
COLLEGE OF ENGINEERING
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Plant Infirmity Detection Using VGG-16 Convolutional Neural Network"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

by

AAQIB NISSAR : 1NH19CS001
BN SHIVACHARAN : 1NH19CS026
BALAJI S : 1NH19CS028

Under the guidance of

Mr. Bhaskar S V
Sr. Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Plant Infirmity Detection Using VGG-16 Convolutional Neural Network"** is a bonafide work carried out by BALAJI S (1NH19CS028), B N SHIVACHARAN (1NH19CS026), AAQIB NISSAR (1NH19CS001), in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribes for the said Degree.

12/5

Signature of Guide
(Mr. Bhaskar S V)

Signature of HOD
(Dr. B.Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Netra S N	13/5/23
2. Asha Ranz Burdu	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Fitness Trainer using Machine Learning and Computer Vision"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ADITYA NH : 1NH19CS704
AMAN TEWARI : 1NH19CS706
JYOTHSNA N : 1NH19CS727

Under the guidance of

Ms. Nayana N Kumar
Assisstant Professor
Department of CSE

2022-23

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 work *entitled* **"Fitness Trainer using Machine Learning and Computer Vision"** is a bonafide work carried out by ADITYA NH (1NH19CS704), AMAN TEWARI (1NH19CS706) and JYOTHSNA N (1NH19CS727) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Dr. B. Meenakshi Sundaram	13/05/23
2. Dr PN Singh	13/5/23

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Product Price Rate Detection using Regression models and Shopping Assistant"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

K.V.CHARAN REDDY : 1NH19CS072
KARTHIKEYAN UMESH : 1NH19CS221
G.NIKHILESWARA REDDY : 1NH19CS251

Under the guidance of

Mr.Bhaskar SV
Senior Assistant Professor
Department of CSE

2022-23

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 work entitled **"Product Price Rate Detection using Regression models and Shopping Assistant"** is a bonafide work carried out by K.V.CHARAN REDDY (1NH19CS072), KARTHIKEYAN UMESH (1NH19CS221) and NIKHILESWARA REDDY G(1NH19CS251) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5

Signature of Guide
(Mr.Bhaskar SV)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. ASHA RANZ BURAN	13/5/23
2. Netra Sal	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

ON

"Stroke Risk Prediction With Hybrid Deep Transfer Learning Framework"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

by

LAVANYA V -1NH20CS407

SANJANA PARIT- 1NH20CS412

SANMITHA K - 1NH20CS413

Under the guidance of

Ms. Chempavathy B
Sr.Assistant Professor
Department of CSE

2022-23

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 **"Stroke Risk Prediction with Hybrid Deep Transfer Learning Framework"** is a bonafide work carried out by LAVANYA V (1NH20CS407), SANJANA PARIT (1NH20CS412) and SANMITHA K(1NH20CS413) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

13/5/23

Signature of Guide
(Ms.Chempavathy B)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr B Meenakshi Sundaram	13/05/23
2. Dr BV Suresh	13/05/23

NEW HORIZON
COLLEGE OF ENGINEERING
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

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

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

by

Kasish S V - 1NH19CS074

Jashwanth M S - 1NH19CS066

Umashankar Reddy M - 1NH19CS094

Under the guidance of

Ms. Asha Rani Borah

Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Analysis of Trending NFTs using Time-Series Data and Machine Learning"** is a bonafide work carried out by **Kasish S V(1NH19CS074), Jashwanth M S(1NH19CS066) and Umashankar Reddy M(1NH19CS094)** in partial fulfilment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2022-2023.** 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.	
2.	

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

CYTOCOL – Online Law System

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

GAGAN P: 1NH19CS052
MAITRI SIDDHARTH MEHTA : 1NH19CS096
NIHARIKA MAHESH : 1NH19CS112

Under the guidance of

Dr. D. Roja Ramani
Associate Professor
Department of CSE

2022-23

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 **CYTOCOL – Online Law System** is a bonafide work carried out by GAGAN P (1NH19CS052), MAITRI SIDDHARTH MEHTA (1NH19CS096) and NIHARIKA MAHESH (1NH19CS112) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. D. Roja Ramani	12/5/23
2. Mr. Naveen Chandra Gowda	12/5/2023

NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Student's Soul - Non Transferable Token"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

S J KENNITH : 1NH19CS152
TEJASHWIN U : 1NH19CS238
ROHIT MANIVEL : 1NH19CS150

Under the guidance of

Ms. M. Thanga Subha Devi
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Student's Soul - Non Transferable Token"** is a bonafide work carried out by S J KENNITH (1NH19CS152), TEJASHWIN U (1NH19CS238) and ROHIT MANIVEL (1NH19CS150) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

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

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Netra Sal	13/5/23
2. ASHA RANZ BOBAN	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"STUDENT PLACEMENT PREDICTION USING MACHINE LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

B YASHWANTH KUMAR: 1NH19CS027
ROHIT G M: 1NH19CS049
BONTHU DEVI VARA PRASAD REDDY: 1NH19CS245

Under the guidance of

Ms. NAYANA N KUMAR
Assistant Professor
Department of CSE

2022-23

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 **"STUDENT PLACEMENT PREDICTION USING MACHINE LEARNING"** is a bonafide work carried out by B.YASHWANTH KUMAR (1NH19CS027), ROHIT G M (1NH19CS049) and BONTHU DEVI VARA PRASAD REDDY (1NH19CS245) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Dr M. Dhanalakshmi	
2. Kiran K S	17/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Voice UI"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

VIDYASAGAR A: 1NH19CS197
YOGESH GOWDA K K: 1NH19CS203
NITHISH S N: 1NH19CS731

Under the guidance of

Ms. M Thanga Subha Devi
Assistant Professor
Department of CSE

2022-23

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 work entitled **"Voice UI"** is a bonafide work carried out by VIDYASAGAR A (1NH19CS197), YOGESH GOWDA K K (1NH19CS203), NITHISH S N (1NH19CS731) 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 2022-2023. 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	Signature with date
1.	
2.	

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Image De-hazing for Vision Based Applications"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

NETHRA C: 1NH19CS420
DHAMMINI U: 1NH20CS402
MONIKA M K: 1NH20CS408

Under the guidance of

Dr. Santhosh Krishna B V
Associate Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Image De-hazing for Vision Based Applications"** is a bonafide work carried out by NETHRA C (1NH19CS420), DHAMMINI U (1NH20CS402) and MONIKA M K (1NH20CS408) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

B.V Santhosh 9/5/23

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	B.V Santhosh 13/5/23
2. Mohan Kumar T G	13/05/23

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"ENCEPHALON – SOLVE & LEARN"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

RANJAN KUMAR SAH: 1NH19CS146
SHIVANGI: 1NH19CS164
SHREEYAM: 1NH19CS166

Under the guidance of

Ms. FLORANCE G
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"ENCEPHALON – SOLVE & LEARN "** is a bonafide work carried out by RANJAN KUMAR SAH (1NH19CS146) , SHIVANGI (1NH19CS164) and SHREEYAM (1NH19CS166) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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.	Neetha S.A.	13/9/23.
2.	ASHA RANI BUDDA	13/9/23

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Law Enforcement Companion"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

DEEPESH KUMAR: 1NH19CS714
SHREYAS CHAUDHARY: 1NH19CS743
SOURABH V.N: 1NH19CS746

Under the guidance of

Dr. D. ROJA RAMANI
Associate Professor
Department of CSE

Academic Year 2022-2023

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 work entitled **"Law Enforcement Companion"** is a bonafide work carried out by DEEPESH KUMAR (1NH19CS714), SHREYAS CHAUDHARY (1NH19CS743) and SOURABH V.N (1NH19CS746) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. D. Roja Ramani	13/5/23
2. Mr. Naveen Chandra Gowda	13/5/2023

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

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"BITCOIN PRICE PREDICTION"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

TANUJ SINGH RATHORE: 1NH19CS187
KRISHNA AGRAHARI: 1NH19CS224
SAUMIK SHUBHAM: 1NH19CS161

Under the guidance of

MS M.THANGA SUBHA DEVI
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 project phase-2 work entitled **"BITCOIN PRICE PRIDICTION"** is a bonafide work carried out by **TANUJ SINGH RATHORE (1NH19CS187), KRISHNA AGRAHARI (1NH19CS224) ,SAUMIK SHUBHAM (1NH19CS161)** 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 **2022-2023.** 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.

13/5/23

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

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner	Signature with date
1. Dr M. Dhanalakshmi	13/5
2.	17/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Detection of Distributed Denial of Service Attack in SDN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

K. JOHN PRASAD : 1NH19CS069
K. VAMSI RAJU : 1NH19CS071
MANJUNATH T U : 1NH19CS099

Under the guidance of

MS.M. THANGA SUBHA DEVI
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"Detection of Distributed Denial of Service Attack in SDN"** is a bonafide work carried out by **K JOHN PRASAD (1NH19CS069), K VAMSI RAJU (1NH19CS071) and MANJUNATH T U (1NH19CS099)** in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

13/5/23

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

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. M. Ninmala	13/5
2. Prasanna. N	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"HEALTHLY:MULTIPLE DISEASE PREDICTION"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

POTTURI DOLA SAI VARMA : 1NH19CS117
POLEPALLE EEKSHITH KUMAR: 1NH19CS118
POTTURI CHANDRASEKHAR RAJU: 1NH19CS127

Under the guidance of

Ms. Florance G
Assistant Professor
Department of CSE

Academic Year : 2022-23

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 **"Healthly:Multiple Disease Prediction"** is a bonafide work carried out by POTTURI DOLA SAI VARMA[1NH19CS117), POLEPALLE EEKSHITH KUMAR [1NH19CS118) and POTTURI CHANDRASEKHAR RAJU[1NH19CS127) inpartial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. H. Nirmala	13/5
2. Ramachandra N	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"DDOS ATTACK DETECTION AND ANALYTICS"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

UMESH M : 1NH20CS415
VISHNU GRISH G : 1NH20CS417
YASIR YAQOOB: 1NH20CS418

Under the guidance of

Mr.Geluvaraj B
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"DDOS ATTACK DETECTION AND ANALYTICS"** is a bonafide work carried out by UMESH M (1NH20CS415), VISHNU GIRISH G (1NH20CS417) and YASIR YAQOOB (1NH20CS418) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Dr M. Nimala	13/5/23
2. Prasanna.N	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT(20CSE84A)

on

"Gas Leakage detection and Automatic Booking using IOT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

G DUNDI VIGNESH : 1NH19CS057

HEMANTH KUMAR S : 1NH19CS059

M BHARGAV SAI : 1NH19CS097

Under the guidance of

Ms. Florance G

Assistant Professor

Department of CSE

Academic year : 2022-23

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 work entitled **"Gas Leakage detection and Automatic Booking Using IoT"** is a bonafide work carried out by G DUNDI VIGNESH (1NH19CS057), HEMANTH KUMAR S(1NH19CS059) and M BHARGAV SAI (1NH19CS097) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Santhosh Krishna B.V	B.V. Santhosh 12/5/23
2. Mr. Mohan Kumar T G	13/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Real Estate Appraisal using Machine Learning and Blockchain "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

KARTIK KEYAN KANT: 1NH19CS213
JIVAN JYOTI NAYAK: 1NH19CS067
KISHORE NATARAJ: 1NH19CS722

Under the guidance of

Geluvaraj B
Assistant Professor
Department of CSE

2022-23

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 Estate Appraisal**" is a bonafide work carried out by JIVAN JYOTI NAYAK (1NH19CS067), KARTIK KEYAN KANT (1NH19CS213) and KISHORE NATARAJ (1NH19CS722) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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
(Geluvaraj B.)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Santhosh Krishna B V	15/5/23
2. Mohan Kumar TG	15/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"Smart Green House Monitoring System Using IOT Devices"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

LIKHITH.S : 1NH19CS087
SUSHRUTH A.C : 1NH19CS183
SYED SANA : 1NH19CS244

Under the guidance of

Ms. Lakshmi S Hanne
Assisstant Professor
Department of CSE

Academic Year: 2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **"Smart Green House Monitoring System Using IOT Devices"** is a bonafide work carried out by LIKHITH S (1NH19CS087), SUSHRUTH A C (1NH19CS183) and SYED SANA (1NH19CS244) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Santhosh Kumar B V	13/5/23
2. Mohan Kumar TG	13/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"FARMER'S FRIEND: AN IOT BASED ROBOT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

Srajan Sharma: 1NH19CS219
Aadhithiya RK: 1NH19CS701
Anuraag Ramesh: 1NH19CS707

Under the guidance of

Ms. Florance G
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"FARMER'S FRIEND: AN IOT BASED ROBOT "** is a bonafide work carried out by Srajan Sharma (1NH19CS219), Aadhithiya RK (1NH19CS701) and Anuraag Ramesh (1NH19CS707) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Ashok. C	13/5/23
2. Prof. Monish. L	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"PERCEPTION OF FLAWS IN STEEL USING RESUNET ALGORITHM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

KIRAN RAJ SURESH MALALI : 1NH19CS078
LOKESH B S : 1NH19CS090
NANDAN K N : 1NH19CS108

Under the guidance of

Ms. Lakshmi S Hanne
Assistant Professor
Department of CSE

2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-2 work entitled **"PERCEPTION OF FLAWS IN STEEL USING RESUNET ALGORITHM"** is a bonafide work carried out by **KIRAN RAJ SURESH MALALI (1NH19CS078), LOKESH B S (1NH19CS090)** and **NANDAN K N (1NH19CS108)** in partial fulfillment for the award of **Bachelor of Engineering** in **COMPUTER SCIENCE AND ENGINEERING** of New Horizon College of Engineering during the year **2022-2023.** 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. Lakshmi S Hanne)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Monish L	13/5/23

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NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
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A PROJECT PHASE-2 REPORT (20CSE84A)

on

"LEAFLET CARE PLUS"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

VISHVESHVARAN R -1NH18CS202

Under the guidance of

Mr. GELUVARAJ B
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 Phase-2 work entitled **"LEAFLET CARE PLUS"** is a bonafide work carried out by VISHVESHVARAN R (1NH18CS202) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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 B)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA VOCE

Name of Examiner	Signature with date
1. Dr. Tejas KR	13/05/23
2. Indumathis	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Fire Evacuation Simulation-Agent Based Modelling"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PRANAV MANJUNATH BEDRE: 1NH19CS133
NAVEENA GOVINDARAJAN: 1NH19CS729
PREETHI S: 1NH19CS736

Under the guidance of

Dr. SANTHOSH KRISHNA B V
Associate Professor
Department of CSE

Academic Year: 2022-23

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 "**Fire Evacuation Simulation-Agent Based Modelling**" is a bonafide work carried out by PRANAV MANJUNATH BEDRE (1NH19CS133), NAVEENA GOVINDARAJAN (1NH19CS729), PREETHI S (1NH19CS736) in partial fulfilmentfor the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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)

13/5/23

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr Santhosh Krishna BV	13/5/23
2. Mohan Kumar T G	13/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

On

"The Soul Safety"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

DEEPIKA NEELAPPA GOUDA : 1NH19CS040
PRAFULLA POOJARY : 1NH19CS129
SHRINIDHI M HEGDEKAR : 1NH19CS168

Under the guidance of

Ms. Asha Rani Borah
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 Soul Safety"** is a bonafide work carried out by DEEPIKA NEELAPPA GOUDA (1NH19CS040), PRAFULLA POOJARY (1NH19CS129) and SHRINIDHI M HEGDEKAR (1NH19CS168) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Asha Rani Borah)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Nalina S N	13/5/23
2. Asha Rani Borah	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Single – Image Dehazing using Boundary Constraint and Contextual Regularization"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SYED SHAHID: 1NH19CS185
ABHISHEK L: 1NH20CS400
JAIKISHAN NAIK: 1NH20CS404

Under the guidance of

Dr. RACHANA P
Associate Professor
Department of CSE

2022-23

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 **"Single-Image Dehazing using Boundary Constraint and Contextual Regularization"** is a Bonafede work carried out by SYED SHAHID (1NH19CS185), ABHISHEK L (1NH20CS400) and JAIKISHAN NAIK (1NH20CS404) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Rachana P)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D. Roja Ramani	12/5/23
2. Mr. Navaan Chandra Gowda	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Fall Detection Among Elderly Using Deep Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

ROHAN KUMAR MANDAL: 1NH19CS741
SIDDHARTH NAIR: 1NH19CS744
SIDDHARTH SHANKAR CHOUDHARY : 1NH19CS745

Under the guidance of

Dr. B Meenakshi Sundaram
Professor
Department of CSE

Academic Year 2022-2023

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 work entitled **"Fall Detection Among Elderly Using Deep Learning" is a bonafide work carried out by** ROHAN KUMAR MANDAL (1NH19CS741), SIDDARTH NAIR (1NH19CS744) and SIDDHARTH SHANKAR CHOUDHARY (1NH19CS745) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

Signature of Guide
(Dr. B Meenakashi Sundaram)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Neetra SN	12/5/23
2. ASHA RANI BORRA	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"2D images to High Resolution 3D Human Digitization"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SRINIVAS NANDA V : 1NH19CS178
CHARAN KUMAR K V : 1NH20CS405
GAGAN TEJ N: 1NH20CS403

Under the guidance of

Mr. Geluvaraj B
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 work entitled **"2D images to High Resolution 3D Human Digitization"** is a bonafide work carried out by SRINIVAS NANDA V (1NH19CS178) , CHARAN KUMAR K V (1NH20CS405) and GAGAN TEJ N (1NH20CS403) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Dr. D. Roja Ramani	13/5/2023
2. Naveen Chandra Gowda	13/5/2023

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

20CSE84A

A PROJECT PHASE-2 REPORT

on

"CLASS GUARDIAN: THE VIRTUAL CLASS MENTOR"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

UDIT SAH - 1NH19CS191

BISHAL GHOSH - 1NH19CS215

GOBINDA SAHA - 1NH19CS217

Under the guidance of

Ms. LAKSHMI S HANNE
Assistant Professor
Department of CSE

Academic Year: 2022-23

NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-I work entitled "**CLASS GUARDIAN: THE VIRTUAL CLASS MENTOR**" is a Bonafede work carried out by **BISHAL GHOSH (1NH19CS215), UDIT SAH (1NH19CS191), GOBINDA SAHA (1NH19CS217),** 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 **2022-2023.** 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.

for

Signature of Guide
(Ms. Lakshmi S Hanne)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE Viva

Name of Examiner	Signature with date
1. Dr. Tejas K R	13/05
2. Indumathi	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Facial Traits Using Neural Networks"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

C HARSHA VARDHAN REDDY: 1NH19CS038
S YERRINATHA REDDY: 1NH19CS233
B YASWANTH: 1NH19CS240

Under the guidance of

Dr.Tejas KR
Associate Professor
Department of CSE

2022-23

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 **"Facial Traits Using Neural Networks"** is a bonafide work carried out by C HARSHA VARDHAN REDDY (1NH19CS038),S YERRINATHA REDDY (1NH19CS233), B Yaswanth (1NH19CS240) 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 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

Tejas 12/05/23

Signature of Guide
(Dr.Tejas KR)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Tejas KR	13/05
2. Indumathis	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Inflow And Infiltration Water Problem Detection Using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AJITH KUMAR T: 1NH19CS006
ANANYA B PINGLAY: 1NH19CS015
BASHRATH TANZIM: 1NH19CS029

Under the guidance of

Lakshmi S Hanne
Assistant Professor
Department of CSE

ACADEMIC YEAR 2022-23

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 **"Inflow And Infiltration Water Problem Detection Using Machine Learning"** is a bonafide work carried out by AJITH KUMAR T (1NH19CS006),ANANYA B PINGLAY (1NH19CS015) and BASHRATH TANZIM (1NH19CS029) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Tejas KR	13/05
2. Indumathi S	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Image Recognition and Enhancement using Multi-Scale Retinex and Histogram Equalization"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

GEETHIKA PALLE: 1NH19CS122
INDRANI.C: 1NH19CS208
RAMYA SWATHI KOLALAPUDI : 1NH19CS241

Under the guidance of

Dr. Tejas K R
Associate Professor
Department of CSE

ACADEMIC YEAR 2022-23

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 **"Image Recognition and Enhancement using Multi-Scale Retinex and Histogram Equalization"** is a bonafide work carried out by GEETHIKA PALLE (1NH19CS122), INDRANI.C (1NH19CS208) and RAMYA SWATHI KOLALAPUDI (1NH19CS241) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Tejas K R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. TEJAS K R	13/05
2. Indumathi	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Website Fingerprinting using Deep Learning "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

PRAGYA GOEL : 1NH19CS131
PRAGATI SUBHDARSHINEE : 1NH19CS130
SWAPNIL SHUKLA : 1NH19CS184

Under the guidance of

Dr. NIRMALA M
Associate Professor
Department of CSE

Academic Year: 2022-23

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 **"Website Fingerprinting using Deep Learning"** is a bonafide work carried out by PRAGATI SUBHADARSHINEE (1NH19CS130) PRAGYA GOEL (1NH19CS131) and SWAPNIL SHUKLA (1NH19CS184) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

13/5/23

Signature of Guide
(Dr. Nirmala M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr M. Nirmala	13/5
2. Prasanna.N	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

Abhimudrey – A mobile application for differently abled using CNN, RNN and NLP

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

B. SUNANDHITA : 1NH19CS710
SWETA LEENA : 1NH19CS750

Under the guidance of

Dr. Rachana P.
Associate Professor
Department of CSE

2022-23

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 **"Abhimudrey - A mobile application for differently abled using CNN, RNN and NLP"** is a bonafide work carried out by **B. Sunandhita (1NH19CS710)** and **Sweta Leena (1NH19CS750)** in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Rachana P.)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Santhosh Krishna K.V	13/05/23
2. Mohan Kumar TG	13/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Eye Blink : A mode of Communication"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

HIMANSHU SINGH : 1NH19CS061
VENKATA RAHUL : 1NH19CS095
NARESH H SUTHAR : 1NH19CS109

Under the guidance of

Ms. Asha Rani Borah
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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 **"Eye Blink : A mode of Communication"** is a bonafide work carried out by HIMANSHU SINGH (1NH19CS061), VENKATA RAHUL (1NH19CS095) and NARESH H SUTHAR (1NH19CS109) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Asha Rani Borah)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Neetra S.R	13/5/23
2. ASHA RANI BORAH	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Osmosieve - Data Integration and Transformation using Large Language Models"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

YAJAT VINOD VISHWAKARMA : 1NH19CS200
MUSKAN RIZWAN SHAIKH : 1NH19CS211
DHANUSH Y P : 1NH19CS214

Under the guidance of

Ms. ANU MOHAN M
Assistant Professor
Department of CSE

Academic Year: 2022-23

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 "**Osmosieve - Data Integration and Transformation using Large Language Models**" is a bonafide work carried out by YAJAT VINOD VISHWAKARMA (1NH19CS200), MUSKAN RIZWAN SHAIKH (1NH19CS211) and DHANUSH Y P (1NH19CS214) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/5/23

Signature of Guide
(Ms. Anu Mohan M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

	Name of Examiner	Signature with date
1.	Neetha Sal	13/5/23.
2.	ASHA RANI BURDA	13/5/23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"STRESS DETECTION USING IMAGE PROCESSING AND MACHINE LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

E.SAI JASWANTH: 1NH19CS046
V.VIJAYA BHASKARA REDDY: 1NH19CS195
Y.MANAS KUMAR REDDY: 1NH19CS243

Under the guidance of

DR.ASHOK K
Associate Professor
Department of CSE

Academic Year: 2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **"Stress Detection Using Image Processing and Machine Learning"** is a bonafide work carried out by E. Sai Jaswanth (1NH19CS046), V. Vijaya Bhaskara Reddy (1NH19CS195), Y. Manas Kumar Reddy (1NH19CS243), in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Ashok K)

Signature of HOD
(DR. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof Monish L	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"ACE: Automated Exam Control and E-Proctoring System Using Deep Face Recognition"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

VIBHA KRISHNA DANDU: 1NH19CS196

HARSH KARANWAL: 1NH19CS721

SANTOSHA TALLAPALLI: 1NH19CS754

Under the guidance of

Dr. Nirmala M.

Associate Professor

Department of CSE

2022-23

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 **"ACE: Automated Exam Control and E-Proctoring System Using Deep Face Recognition"** is a bonafide work carried out by VIBHA KRISHNA DANDU(1NH19CS196), HARSH KARANWAL(1NH19CS721), SANTOSHA TALLAPALLI(1NH19CS754) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

11/5/23.

Signature of Guide
(Dr. Nirmala M.)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr.M.Nirmala	13/5
2. Prasanna.N	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Fake Product Review Detection Using Machine Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

BAVANASI ABHISHEK: 1NH19CS031
C ASHWINI REDDY: 1NH19CS034
DONAPATI JASWANTH REDDY: 1NH19CS044

Under the guidance of

Dr. SANTHOSH KRISHNA B.V

Associate Professor

Department of CSE

Academic Year: 2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **"Fake Product Review Detection Using Machine Learning"** is a bonafide work carried out by BAVANASI ABHISHEK (1NH19CS031), C ASHWINI REDDY (1NH19CS034) and DONAPATI JASWANTH REDDY(1NH19CS044) in partial fulfilment for the award of Bachelor of Engineeringin COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

B.V. Santhosh 14/5/23
Signature of Guide
(Dr. Santhosh Krishna B.V)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. B.V. Santhosh 13/5/23	Dr. B.V. Santhosh Krishna
2. Mohan Kumar TG	13/05/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Building of Complete Decentralized KYC Process Using Blockchain"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

K ROHITH : 1NH19CS070
KISHORE KUMAR L : 1NH19CS079
KUMAR S : 1NH19CS084

Under the guidance of

Dr. Ashok K
Associate Professor
Department of CSE

Academic Year: 2022-23

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 **"Building of Complete Decentralized KYC Process Using Blockchain"** is a bonafide work carried out by K ROHITH (1NH19CS070), KISHORE KUMAR L (1NH19CS079) and KUMAR S (1NH19CS084) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Ashok K)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K.	13/5/23
2. Prof. Manish. L	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Self-Sovereign Identity - Blockchain based blood donation management method"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

IRFAN HUSSAIN GUNDOO: 1NH19CS063
ISHAN ARYAN: 1NH19CS064

Under the guidance of

Dr. Santhosh Krishna BV
Associate Professor
Department of CSE

2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **"Self-sovereign Identity - Blockchain based blood donation management method"** is a bonafide work carried out by IRFAN HUSSAIN GUNDOO(1NH19CS063), ISHAN ARYAN(1NH19CS064), 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 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

B.V. Santhosh 11/5/23

Signature of Guide
(Dr. Santhosh Krishna BV)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Aditya SN	13/5/23
2. ASHA RANI BORDA	13/5/23

NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT(20CSE84A)

on

"REAL TIME TRAFFIC CONTROL FOR PREVENTING ACCIDENTS AND SUPPORTING AMBULANCE SERVICES"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

By

SATYA PRAVEEN REDDY: 1NH19CS045

VAHNITHA P : 1NH19CS120

VARSHINI REDDY P : 1NH19CS194

Under the guidance of

Dr.M.Dhanalakshmi
Professor
Department of CSE

Academic year : 2022-2023

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **"Real Time Traffic Control For Preventing Accidents and supporting Ambulance services"** is a bonafide work carried out by SATYA PRAVEEN REDDY(1NH19CS045),VAHNITHA P(1NH19CS120) and VARSHINI REDDY P (1NH19CS194) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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.D Dhanalakshmi.	13/5
2. Keerthana B	13/5/23

Scanned with CamScanner

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Near Real-Time Comprehension Classification with Artificial Neural Networks Decoding E-Learner Non-Verbal Behavior"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SWATHI B B : 1NH19CS748
V ANNAPOORNA: 1NH19CS757
PRASHANTH N : 1NH20CS409

Under the guidance of

Dr. Ashok K
Associate Professor
Department of CSE

2022-23

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 **"Near Real-Time Comprehension Classification with Artificial Neural Networks Decoding E-Learner Non-Verbal Behavior"** is a bonafide work carried out by SWATHI B B(1NH19CS748), V ANNAPOORNA (1NH19CS757) AND PRASHANTH N (1NH20CS409) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The project report has been approved as it satisfies the academic requirements in respect of the project work prescribed for the said Degree.

12/5/23

Signature of Guide
(Dr. Ashok K)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Ashok. K	13/5/23
2. Prof. Monish. L	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"Stratification Of Garbage Using Deep Learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

SHASHANK.P: 1NH19CS126
AKULURU SAI LOHITH: 1NH19CS212
YENUGUNTI TEJ KIRAN: 1NH19CS239

Under the guidance of

Ms. Srividhya Ganesan
Senior Assistant Professor
Department of CSE

2022-23

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 **"Stratification of Garbage using Deep Learning"** is a bonafide work carried out by SHASHANK.P (1NH19CS126) , AKULURU SAI LOHITH (1NH19CS212), YENUGUNTI TEJ KIRAN(1NH19CS239) 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 2022-2023. 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.SrividhyaGanesan)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Soumya	13/05/23
2. Preetham. B	13/5/23

NEW HORIZON
COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"GOYARI TRAVELS INDIA"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

THRUPTHI S: 1NH19CS190
CHETHAN K R: 1NH20CS401
RAHUL IJERI: 1NH20CS410

Under the guidance of

Ms. YOGITHA
Senior Assistant Professor
Department of CSE

Academic Year: 2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "**GOYARI TRAVELS INDIA**" is a bonafide work carried out by THRUPTHI S (1NH19CS190), CHETHAN K R (1NH20CS401), RAHUL IJERI (1NH20CS410) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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	Signature with date
1. Netra Sal	13/5/23
2. Asha Rani Boran	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"FOREX TRADE PREDICTION USING BAYESIAN STATISTICS"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

AMITH S : 1NH19CS011
BHANU PRAKASH:1NH19CS193
SUPRADHAR U:1NH19CS249

Under the guidance of

Mr. Manikandakumar M
Senior Assistant Professor,
Department of CSE, NHCE.

2022-23

NEW HORIZON
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled "**FOREX TRADE PREDICTION USING BAYESIAN STATISTICS**" is a Bonafede work carried out by AMITH S (1NH19CS011), BHANU PRAKASH (1NH19CS193),SUPRADHAR U (1NH19CS249) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. The Project report has been approved as it satisfies the academic requirements in respect of Internship work prescribed for the said Degree.

13/5/23

Signature of Guide
(Mr.Manikandakumar M)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Netra SN	13/5/23
2. Asha Ranz Borah	15/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"NETWORK INTRUSION DETECTION SYSTEM USING DEEP LEARNING"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

YASHAS KALATHUR ACHARYA: 1NH19CS202

SANIDHYA SINGH: 1NH19CS228

Under the guidance of

Ms Bhavya R
Assistant Professor
Department of CSE

2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project work entitled **"Network Intrusion Detection System using Deep Learning"** is a **bonafide workcarried** out by YASHAS KALATHUR ACHARYA (1NH19CS202) and SANIDHYA SINGH (1NH19CS228) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College ofEngineering during the year 2022-2023. The project report has been approved as itsatisfies the academic requirements in respect of the project work prescribed for the said Degree.

13/5/23
Signature of Guide
(Ms Bhavya R)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. D. Raja Rajeswari	13/5/23
2. Naveen Chandra Gowda	12/5/20

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"FINGER VEIN DETECTION USING SNN AS SECURITY SYSTEM IMPLEMENTATION AND AUTHENTICATION"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
in
COMPUTER SCIENCE AND ENGINEERING

by

KSHITIJ K SHASTRY - 1NH19CS204
KAVYA KRISHNA - 1NH19CS206
N GOKUL SAI – 1NH19CS218

Under the guidance of

Dr. Ashok K
Associate Professor
Department of CSE

Academic Year: 2022-23

NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Project Phase-I work entitled "**FINGER VEIN DETECTION USING SNN AND SECURITY SYSTEM IMPLEMENTATION AND AUTHENTICATION**" is a bonafide work carried out by **KSHITIJ K SHASTRY(1NH19CS204), KAVYA KRISHNA (1NH19CS206)** and **N GOKUL SAI (1NH19CS218)** 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 **2022-2023.** It is certified that all corrections/suggestionsindicated 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.

12/05/23

Signature of Guide
(Dr. Ashok K)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Sumanya	13/05/23.
2. Preetham. B	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

20CSE84A

A PROJECT PHASE-2 REPORT

on

"The Opinions Imparted On a Singulars Face"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

KARNAKANTI HEMANTH	1NH19CS073
PUJALA.SRINIVAS	1NH19CS134
VINAYA.M.K.	1NH20CS416

Under the guidance of

Ms. PRAMILARANI. K
Senior Assistant Professor

2022-23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the project phase-I work entitled "**The Opinions Imparted On Singulars Face** " is a bonafide work carried out by PUJALA.SRINIVAS (1NH19CS134), KARNAKANTI HEMANTH (1NH19CS073), VINAYA.M.K. (1NH20CS416) 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 2022-2023. 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.

13/5/23

Signature of Guide
(Ms. Pramilarani K)

Signature of HOD
(Dr. B. Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. R. Suvanya	13/05/23.
2. Preetham. B	13/5/23

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

A PROJECT PHASE-2 REPORT (20CSE84A)

on

"IMAGTH – Image generation through Natural language using Deep learning"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

by

EJAS UL HAQ ASRARI : 1NH19CS718

Under the guidance of

Ms. Soja Rani

Senior Assistant Professor
Department of CSE

ACADEMIC YEAR 2022-23

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 "**IMAGTH – Image generation through Natural language using Deep learning**" is a bonafide work carried out by EJAS UL HAQ ASRARI (1NH19CS718) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of New Horizon College of Engineering during the year 2022-2023. 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. Soja Rani)

Signature of HOD
(Dr.B.Rajalakshmi)

External Viva

Name of Examiner	Signature with date
1. Dr. Tejas KR	13/05/23
2. Indumathi S	13/5/23