

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
NEW HORIZON COLLEGE OF ENGINEERING
FIELD PROJECT UNDERTAKEN BY STUDENTS - AY 2024-25

TEAM NO	DEPT	INTERNAL/EXTERNAL	PROJECT TITLE	NAME OF THE STUDENT	ORGANIZATION	PROJECT DURATION	EXTERNAL GUIDE
1	CSE	INTERNAL	CAR EMI CALCULATOR	PALLAVI PADMARAJU	NHCE	8 MONTHS	
2	CSE	INTERNAL	RAPID SENSING MECHANISM TO DETECT CHEMICALS TO PREVENT DRUGGING CRIME	VINOD RUDRAYYA PUJARI	NHCE	8 MONTHS	
	CSE	INTERNAL		AJIKUTTIRA NIRAN ADITHYA	NHCE	8 MONTHS	
3	CSE	INTERNAL	UBER AMBULANCE - NEXT GENERATION SMART EMERGENCY RESPONSE PLATFORM	CHARANDEEP K	NHCE	8 MONTHS	
	CSE	INTERNAL		B GURU SAINATH	NHCE	8 MONTHS	
4	CSE	INTERNAL	INDITRANSLATE: BRIDGING LANGUAGE BARRIERS IN INDIA	SHRUTI SAMEER HOSUR	NHCE	8 MONTHS	
	CSE	INTERNAL		SNEHA VERMA	NHCE	8 MONTHS	
5	CSE	INTERNAL	HEALTH CARE ANALYZER	GAJULA SRINIVAS JATINKRISHNA	NHCE	8 MONTHS	
	CSE	INTERNAL		GAGAN V	NHCE	8 MONTHS	
6	CSE	INTERNAL	EDU/IBE - A PERSONALIZED LEARNING PLATFORM	KOTHEPALLE CHETHANA	NHCE	8 MONTHS	
	CSE	INTERNAL		KOTHEPALLE CHARITHA	NHCE	8 MONTHS	
7	CSE	INTERNAL	INTELLIGRADE: PERSONALIZED EVALUATION SYSTEM	BOLLAM MUNNA SUPRATHIK	NHCE	8 MONTHS	
	CSE	INTERNAL		ATMAKURI RAJA HARSHINI	NHCE	8 MONTHS	
8	CSE	INTERNAL	AUTOMATED ALERTING SYSTEMS FOR MEDICAL EMERGENCIES	SYED VAHID	NHCE	8 MONTHS	
	CSE	INTERNAL		N'MAHITH KUMAR	NHCE	8 MONTHS	
9	CSE	INTERNAL	IOT-ENHANCED PRECISION AGRICULTURE USING SMART FARMING	THARUNI SREE N	NHCE	8 MONTHS	
	CSE	INTERNAL		SHILBA B	NHCE	8 MONTHS	
10	CSE	INTERNAL	GESTURE-MASTER	BHARGAVT SARAF	NHCE	8 MONTHS	
	CSE	INTERNAL		AADHYA GUPTA	NHCE	8 MONTHS	
11	CSE	INTERNAL	AURA: ADAPTIVE UNIFIED REAL-TIME ANALYTICS FOR PERSONALISED HEALTH	AMARA VENKATA SAIPRIYA	NHCE	8 MONTHS	
	CSE	INTERNAL		ASHMITA BARMAN	NHCE	8 MONTHS	
12	CSE	INTERNAL	SMART LEAF CLASSIFICATION AN IOT BASED APPROACH	ARUSH ASHWIN	NHCE	8 MONTHS	
	CSE	INTERNAL		AKASH BHATT	NHCE	8 MONTHS	
13	CSE	INTERNAL	VANGUARD: ARE SCUE ASSISTANCE APP	RUDRAKSHILAMBA	NHCE	8 MONTHS	
	CSE	INTERNAL		PRIYESH KUMAR SAH	NHCE	8 MONTHS	
14	CSE	INTERNAL	PLATFORM EPOCH	AARAMBH JAISWAL	NHCE	8 MONTHS	
	CSE	INTERNAL		AMOGH S KUMAR	NHCE	8 MONTHS	
15	CSE	INTERNAL	SYMPTOHEAL	S AARON DENNIS	NHCE	8 MONTHS	
	CSE	INTERNAL		HARSHAVARDHINI U	NHCE	8 MONTHS	
16	CSE	INTERNAL	CHECKMATE - AN AI POWERED EVALUATION AND ASSESSMENT SYSTEM	JEFFREY JOHN	NHCE	8 MONTHS	
	CSE	INTERNAL		KAZI AFROZ ALAM	NHCE	8 MONTHS	
17	CSE	INTERNAL	SKILLQUEST : GAMIFIED LEARNING WITH STRATEGIC HINTS AND TIMED CHALLENGES	MOHAMMED MURTUZA HUSSAIN	NHCE	8 MONTHS	
	CSE	INTERNAL		MANAS M	NHCE	8 MONTHS	
18	CSE	INTERNAL	HEALERS BLEND: INTEGRATING TECHNOLOGY WITH ALLOPATHY, AYURVEDA, AND HOMEOPATHY FOR A UNIFIED MEDICAL APPROACH	KOWTA SRIKARI	NHCE	8 MONTHS	
	CSE	INTERNAL		KHUSHI PATIL	NHCE	8 MONTHS	
19	CSE	INTERNAL	EDULOV - PERSONALIZED LEARNING PLATFORM USING AI AND DATA ANALYTICS	YARRAGUNTA UNNATHI	NHCE	8 MONTHS	
	CSE	INTERNAL		VELUVOLU KALYAN RAM	NHCE	8 MONTHS	
20	CSE	INTERNAL	MEDIFLASH	KUNAL MISHRA	NHCE	8 MONTHS	
	CSE	INTERNAL		MITHUN M	NHCE	8 MONTHS	
21	CSE	INTERNAL	DYNAMIC WIRELESS CHARGING FOR ELECTRIC VEHICLES FOR SMART TRANSPORTATION SYSTEM	DEEPAK M	NHCE	8 MONTHS	
	CSE	INTERNAL		KETAN KUMAR	NHCE	8 MONTHS	
22	CSE	INTERNAL	AI-POWERED PERSONALIZED HEALTH MANAGEMENT FOR DIABETES	SUMITH BILAMKAR	NHCE	8 MONTHS	
	CSE	INTERNAL		SHREYAS G	NHCE	8 MONTHS	
23	CSE	INTERNAL	DESIGNING SECURE CAMPUS NETWORK AND MITIGATING NETWORK ATTACKS	JANAK SAPKOTA	NHCE	8 MONTHS	
	CSE	INTERNAL		DIPAL THAPA	NHCE	8 MONTHS	
24	CSE	INTERNAL	PREVENTION AND PREDICTION OF BUS BUNCHING	VINAY H M	NHCE	8 MONTHS	
	CSE	INTERNAL		VEERAJ K	NHCE	8 MONTHS	
25	CSE	INTERNAL	CAREER PATH AND SKILL MAPPING DEVELOPMENT PLATFORM	PUTTETI SURARADHITH	NHCE	8 MONTHS	
	CSE	INTERNAL		SHIVALING BASAVARAJ MENASI	NHCE	8 MONTHS	
26	CSE	INTERNAL	DIGITAL IDENTITY AND LEARNING ANALYSIS	KAMISSETTY JAHNAVI	NHCE	8 MONTHS	
	CSE	INTERNAL		JANAK RAJ JOSHI	NHCE	8 MONTHS	
27	CSE	INTERNAL	OPTIMIZING URBAN MOBILITY: A COMPREHENSIVE PUBLIC TRANSPORT MONITORING SYSTEM	BRAJWAL S	NHCE	8 MONTHS	
	CSE	INTERNAL		BVANAKUMAR K SAJJAN	NHCE	8 MONTHS	
28	CSE	INTERNAL	AI-BASED DIAGNOSTIC SYSTEMS FOR HEART ANOMALY DETECTION USING CMR AND ECG	ANIKET HERLE	NHCE	8 MONTHS	
	CSE	INTERNAL		ARPEETA SONOLI	NHCE	8 MONTHS	
29	CSE	INTERNAL	AI-DRIVEN VIRTUAL LAB GENERATOR	SHARUN RAJ K	NHCE	8 MONTHS	
	CSE	INTERNAL		BAPPU HARSHITH	NHCE	8 MONTHS	
30	CSE	INTERNAL	CROWDFUSION	FATHIMA SANA N	NHCE	8 MONTHS	
	CSE	INTERNAL		HARSHITHA V	NHCE	8 MONTHS	
31	CSE	INTERNAL	MINDFUL MOOD	KAVYA S	NHCE	8 MONTHS	
	CSE	INTERNAL		NITHYA R V	NHCE	8 MONTHS	
32	CSE	INTERNAL	SMART HOME AUTOMATION SYSTEM USING IOT	R AKSHITHA	NHCE	8 MONTHS	
	CSE	INTERNAL		RAMYA SHREE S	NHCE	8 MONTHS	
33	CSE	INTERNAL	HEALTH QUEST	K SIVA MANOHARI	NHCE	8 MONTHS	
	CSE	INTERNAL		HARIKA KO LALAPUDI	NHCE	8 MONTHS	
34	CSE	INTERNAL	BHARAT TRANSLATE	PRAKASH DHAMI	NHCE	8 MONTHS	
	CSE	INTERNAL		YAGYA RAJ BHATT	NHCE	8 MONTHS	
35	CSE	INTERNAL	EDUSPHERE: A USER-FRIENDLY MOOC SITE	JAANAVIH	NHCE	8 MONTHS	
	CSE	INTERNAL		BATIL OMKAR	NHCE	8 MONTHS	
36	CSE	INTERNAL	WEARABLE DEVICE - HEALTH MONITORING	V LOKESH KUMAR	NHCE	8 MONTHS	
	CSE	INTERNAL		T SHARATH CHANDRA REDDY	NHCE	8 MONTHS	
37	CSE	INTERNAL	GAMIX: A GAMING WEBSITE	SAHANA S	NHCE	8 MONTHS	
	CSE	INTERNAL		RAKESH K	NHCE	8 MONTHS	
38	CSE	INTERNAL	HEALTH TAILOR	SURYA KN	NHCE	8 MONTHS	
	CSE	INTERNAL		UDIT GAUR	NHCE	8 MONTHS	
39	CSE	INTERNAL	SHAHARE SHAYAK	JAYANTH JEFFREY	NHCE	8 MONTHS	
	CSE	INTERNAL		SWAPNIL DATTA	NHCE	8 MONTHS	
40	CSE	INTERNAL	AIR GESTURE SUITE	SHREYAS P KUPPASAD	NHCE	8 MONTHS	
	CSE	INTERNAL		PRATIBHA PRAKASH MACHAKANUR	NHCE	8 MONTHS	
41	CSE	INTERNAL	AI-ASSISTED E-CONSULT	JYOTHSNA K	NHCE	8 MONTHS	
	CSE	INTERNAL		UMAR FAROOQ MULLA	NHCE	8 MONTHS	
42	CSE	INTERNAL	ADAPTIVE LEARNING USING BRAIN COMPUTER INTERFACE	BARVEZ ALAM	NHCE	8 MONTHS	
	CSE	INTERNAL		C SUJITHA	NHCE	8 MONTHS	
43	CSE	INTERNAL	AI-DRIVEN REAL TIME TRANSLATION SYSTEM FOR INDIAN LANGUAGES	ARPITHA VINOD	NHCE	8 MONTHS	
	CSE	INTERNAL		ARITRA ACHARYA	NHCE	8 MONTHS	
44	CSE	INTERNAL	ADVENTURES OF THE PIXEL KNIGHT	SUBHRANEEL MUKHOPADHYAY	NHCE	8 MONTHS	
	CSE	INTERNAL		DARENA PEARL S A	NHCE	8 MONTHS	
45	CSE	INTERNAL	NATURAL DISASTER PREDICTION SYSTEM	AFIYA YOUSUF	NHCE	8 MONTHS	
	CSE	INTERNAL		ASHU TOSH KUMAR SAH	NHCE	8 MONTHS	
46	CSE	INTERNAL	THE INTELLIGENT TUTOR	RANJIT KUMAR BAHERA	NHCE	8 MONTHS	
	CSE	INTERNAL		ADITHYA S	NHCE	8 MONTHS	
47	CSE	INTERNAL	EARTHQUAKE PREDICTION USING MACHINE LEARNING	B V SANJAY PATIL	NHCE	8 MONTHS	
	CSE	INTERNAL		ADITHYA S	NHCE	8 MONTHS	
48	CSE	INTERNAL	INTERSECTION MANAGEMENT: ADAPTIVE OPTIMIZATION	AMITH PAWAR	NHCE	8 MONTHS	
	CSE	INTERNAL		BALA H SUNKU	NHCE	8 MONTHS	
49	CSE	INTERNAL	QUI-ZOOM	BHARVAR NITYA JGNESH	NHCE	8 MONTHS	
	CSE	INTERNAL		SHREYAS G	NHCE	8 MONTHS	
				SHREYA NAYAK	NHCE	8 MONTHS	

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50	CSE	INTERNAL	RE-GEN ADVANCING REGENERATIVE THERAPIES FOR A HEALTHIER FUTURE INNOVATIVE SOLUTIONS AND REGENERATIVE MEDICINE	DASARI TEJA	NHCE	8 MONTHS	
	CSE	INTERNAL		CHANDAMURI BAVAN KUMAR REDDY	NHCE	8 MONTHS	
51	CSE	INTERNAL	LINGUA FLOW: SEAMLESS TRANSLATION OF MULTILINGUAL INDIAN LANGUAGES	RITU PRIYA	NHCE	8 MONTHS	
	CSE	INTERNAL		GAYATHRI RAMADURGUM	NHCE	8 MONTHS	
52	CSE	INTERNAL	A UTONAUT A MULTIFUNCTIONAL ROBOT WITH OBSTACLE AVOIDANCE, BLUETOOTH AND VOICE CONTROL CAPABILITIES	RUDRAMUNI DORE SP	NHCE	8 MONTHS	
	CSE	INTERNAL		KIRAN V	NHCE	8 MONTHS	
53	CSE	INTERNAL	WEATHER FORECASTING AT MICRO LEVEL	VIGHNESH NAIR	NHCE	8 MONTHS	
	CSE	INTERNAL		KHAGENDRA KHERWAR	NHCE	8 MONTHS	
54	CSE	INTERNAL	WAKE WATCH	INDRESH M	NHCE	8 MONTHS	
	CSE	INTERNAL		VIGNA SHANMUGAM P	NHCE	8 MONTHS	
55	CSE	INTERNAL	GESTURE CONTROLLED VIRTUAL MOUSE	PRAVEEN KUMAR S	NHCE	8 MONTHS	
	CSE	INTERNAL		SHYAMVARDHAN ANKI REDDY	NHCE	8 MONTHS	
56	CSE	INTERNAL	LINGUA LEADER	JITHIN J NAIR	NHCE	8 MONTHS	
	CSE	INTERNAL		DIKSHA S	NHCE	8 MONTHS	
57	CSE	INTERNAL	IOT INDUCED VERTICAL FARMING	CHIRANTH YADAV N	NHCE	8 MONTHS	
	CSE	INTERNAL		ARUN BALAJEE R G	NHCE	8 MONTHS	
58	CSE	INTERNAL	CUSTOMERCARE	SAIYAD	NHCE	8 MONTHS	
	CSE	INTERNAL		R HARSHA VARDHAN REDDY	NHCE	8 MONTHS	
59	CSE	INTERNAL	TRANSLATOR FOR INDIAN LANGUAGES	MANISH G	NHCE	8 MONTHS	
	CSE	INTERNAL		P LAYA	NHCE	8 MONTHS	
60	CSE	INTERNAL	MASSIVE ONLINE OPEN COURSEWARE	POKALA PRIYANKA	NHCE	8 MONTHS	
	CSE	INTERNAL		PRATHMA CHINTHALAPALLI BATT	NHCE	8 MONTHS	
61	CSE	INTERNAL	DESKTOP BOT	MANISH PAUL	NHCE	8 MONTHS	
	CSE	INTERNAL		SAHIL KUMAR AGRAWAL	NHCE	8 MONTHS	
62	CSE	INTERNAL	BHASHA LINK	ACHUTA KAVYA	NHCE	8 MONTHS	
	CSE	INTERNAL		ABHAY ANANTHA	NHCE	8 MONTHS	
63	CSE	INTERNAL	SMILES4HEALTH	B M SAIKRISHNA	NHCE	8 MONTHS	
	CSE	INTERNAL		DEEPIKA SINGH N	NHCE	8 MONTHS	
64	CSE	INTERNAL	FETAL AND MATERNAL HEALTH MONITORING SYSTEM	BHIMANAGOUDA BATIL	NHCE	8 MONTHS	
	CSE	INTERNAL		KASIS ALI KHAN	NHCE	8 MONTHS	
65	CSE	INTERNAL	MEDICAL ASSISTANCE CHATBOT	POCHMEREDDY GEETHIKA	NHCE	8 MONTHS	
	CSE	INTERNAL		Y SAI AKSHITHA	NHCE	8 MONTHS	
66	CSE	INTERNAL	SIGN LANGUAGE TRANSLATION*	SOHAM MONDAL	NHCE	8 MONTHS	
	CSE	INTERNAL		VANSH VIDYARTHY	NHCE	8 MONTHS	
67	CSE	INTERNAL	SMART HEALTH MONITORING SYSTEM USING LLM	KAMINI SAI SRIKAR	NHCE	8 MONTHS	
	CSE	INTERNAL		JOHN JOSEPH R	NHCE	8 MONTHS	
68	CSE	INTERNAL	INTELLIGENT SURVEILLANCE SYSTEM WITH REAL-TIME MONITORING AND AI-ENABLED FORENSIC SEARCH FOR VIDEOS	KHUSHI PANDEY	NHCE	8 MONTHS	
	CSE	INTERNAL		LEAH RICH A ABY	NHCE	8 MONTHS	
69	CSE	INTERNAL	MEDICONNECT: REVOLUTIONIZING HEALTHCARE MANAGEMENT FOR A BETTER FUTURE	B SURYA PRAKASH	NHCE	8 MONTHS	
	CSE	INTERNAL		ADITHYA PRAVEEN NAIR	NHCE	8 MONTHS	
70	CSE	INTERNAL	CREATING AN ADAPTIVE ROBOT FOR PERSONALIZED HEALTH MONITORING AND ASSISTANCES	SAI PRANATHI TURLABATI	NHCE	8 MONTHS	
	CSE	INTERNAL		SAI RISHITHA AMBATI	NHCE	8 MONTHS	
71	CSE	INTERNAL	IOT- EMBEDDED INTELLIGENT WASTE MONITORING SYSTEM	KAVITHA G	NHCE	8 MONTHS	
	CSE	INTERNAL		ARUNA M	NHCE	8 MONTHS	
72	CSE	INTERNAL	ENHANCED LUMBAR DISEASE CLASSIFICATION THROUGH HYBRID DEEP LEARNING METHODS	ABID SAJJAD KUMNALI	NHCE	8 MONTHS	
	CSE	INTERNAL		MANJUNATH KOPPAD	NHCE	8 MONTHS	
73	CSE	INTERNAL	BRAIN TUMOR DETECTION AND SEGMENTATION USING U-NET ALGORITHM	NAYAKULA MOUNIKA	NHCE	8 MONTHS	
	CSE	INTERNAL		PEDDAMALLU THIRIVAYANI	NHCE	8 MONTHS	
74	CSE	INTERNAL	MOTION DETECTING SECURITY CAMERA*	AKASH PRAVEEN NAIR	NHCE	8 MONTHS	
	CSE	INTERNAL		ANAND SRINIVAS CHERUVU	NHCE	8 MONTHS	
75	CSE	INTERNAL	TRAVEL MANAGEMENT SYSTEM	YASHA SWI K	NHCE	8 MONTHS	
	CSE	INTERNAL		B RAHUL	NHCE	8 MONTHS	
76	CSE	INTERNAL	BLOCKCHAIN BASED VOTING SYSTEM	MALVIKA RAJEEV KAPPADAN	NHCE	8 MONTHS	
	CSE	INTERNAL		NIRMAL NARAYAN K	NHCE	8 MONTHS	
77	CSE	INTERNAL	EARTHQUAKE PREDICTION ALERTING SYSTEM USING MACHINE LEARNING AND RASPBERRY PI	MOHAN KUMAR S	NHCE	8 MONTHS	
	CSE	INTERNAL		KARISHMA DALEKAR	NHCE	8 MONTHS	
78	CSE	INTERNAL	CONVEYOROPTICS: CONVEYOR BELT SORTING MECHANISM	SAMIKSHA PRASAD	NHCE	8 MONTHS	
	CSE	INTERNAL		DEVADATH KV	NHCE	8 MONTHS	
79	CSE	INTERNAL	INSTANT PORTABLE WATER QUALITY TESTER	G SHASHI KUMAR REDDY	NHCE	8 MONTHS	
	CSE	INTERNAL		V JAGADEESH REDDY	NHCE	8 MONTHS	
80	CSE	INTERNAL	SOS DEVICE FOR SAFETY AND SECURITY	CHE TAN	NHCE	8 MONTHS	
	CSE	INTERNAL		V ARUND REDDY	NHCE	8 MONTHS	
81	CSE	INTERNAL	HERBI SENSE	BINDU S M	NHCE	8 MONTHS	
	CSE	INTERNAL		BHOOMIKA H	NHCE	8 MONTHS	
82	CSE	INTERNAL	EXAMGUARD: AI-POWERED DIGITAL IDENTITY AUTHENTICATION FOR REMOTE EXAMINATION	C GITHAMRUTHA VARSHNI	NHCE	8 MONTHS	
	CSE	INTERNAL		BHUMIKA P M	NHCE	8 MONTHS	
83	CSE	INTERNAL	SMART AGRICULTURE USING IOT AND AI	RAJU	NHCE	8 MONTHS	
	CSE	INTERNAL		SATISH	NHCE	8 MONTHS	
84	CSE	INTERNAL	MULTIPLE DISORDER PREDICTION USING ENSEMBLE MODELS	KANVIKHA SANADI	NHCE	8 MONTHS	
	CSE	INTERNAL		KEERTHANA R	NHCE	8 MONTHS	
85	CSE	INTERNAL	BREAKING LANGUAGE BARRIERS	EIKSHIT SINGHAL	NHCE	8 MONTHS	
	CSE	INTERNAL		HRITHIK KAUSHIK	NHCE	8 MONTHS	
86	CSE	INTERNAL	MY-SKIN	ISHIKA DAYAL	NHCE	8 MONTHS	
	CSE	INTERNAL		MANISHA GUPTA	NHCE	8 MONTHS	
87	CSE	INTERNAL	HATE SPEECH DETECTION SYSTEM USING MACHINE LEARNING	SRIDEVI G	NHCE	8 MONTHS	
	CSE	INTERNAL		AISHWARYA N	NHCE	8 MONTHS	
88	CSE	INTERNAL	BHASHACONNECT - REAL TIME TRANSLATION FOR INDIAN LANGUAGES	UMME IMAN S	NHCE	8 MONTHS	
	CSE	INTERNAL		RENUKA RIMAL	NHCE	8 MONTHS	
89	CSE	INTERNAL	FACE TRACE : CNN DRIVEN ATTENDANCE	RACHIE TAA RAMESH RAO	NHCE	8 MONTHS	
	CSE	INTERNAL		S VAISHNAVI	NHCE	8 MONTHS	
90	CSE	INTERNAL	MULTI-MODAL ISL-SPEECH: A REAL-TIME NEURAL ARCHITECTURE FOR INDIAN SIGN LANGUAGE TRANSLATION TO REGIONAL LANGUAGES	ROHIT KARMAKAR	NHCE	8 MONTHS	
	CSE	INTERNAL		SIDHU S	NHCE	8 MONTHS	
91	CSE	INTERNAL	POLYGLOT BHARAT	SHREYA BOSE	NHCE	8 MONTHS	
	CSE	INTERNAL		SONA AMRUTHA	NHCE	8 MONTHS	
92	CSE	INTERNAL	AI-POWERED ATTENDANCE TRACKING SYSTEM	SUHAS H J	NHCE	8 MONTHS	
	CSE	INTERNAL		BASAVARAJ C S	NHCE	8 MONTHS	
93	CSE	INTERNAL	AUTOEVAL	G POOJA SRI	NHCE	8 MONTHS	
	CSE	INTERNAL		VINITH RAJU ML	NHCE	8 MONTHS	
94	CSE	INTERNAL	INTELLI-ASSESS	HEMITHA K J	NHCE	8 MONTHS	
	CSE	INTERNAL		IRENE TRINICIA N	NHCE	8 MONTHS	
95	CSE	INTERNAL	PLANT DISEASE DETECTION USING MACHINE LEARNING TECHNIQUE	VISHAL E R	NHCE	8 MONTHS	
	CSE	INTERNAL		SUSHMITA RADHAKRISHNA NAIK	NHCE	8 MONTHS	
96	CSE	INTERNAL	BONE FRACTURE DETECTION USING CNN	FARAZ AHMAD NAIK	NHCE	8 MONTHS	
	CSE	INTERNAL		HAMAAD IFTIKHAR	NHCE	8 MONTHS	

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97	CSE	INTERNAL	DEVELOPMENT OF QUEUEASY	ASHWINI K MANASHIVANAGI	NHCE	8 MONTHS	
	CSE	INTERNAL		ANAH S	NHCE	8 MONTHS	
98	CSE	INTERNAL	QUIZWIZ	DHANUSH V	NHCE	8 MONTHS	
	CSE	INTERNAL		DINAKAR	NHCE	8 MONTHS	
99	CSE	INTERNAL	DEEP LEARNING BASED FIRE DETECTION AND DYNAMIC EVACUATION SYSTEM	GANESH DAGADI	NHCE	8 MONTHS	
	CSE	INTERNAL		HARSHAVARDHAN MANTRI	NHCE	8 MONTHS	
100	CSE	INTERNAL	ADVANCED DIET PLANNER	SHIVRAJ MUKKANNI	NHCE	8 MONTHS	
	CSE	INTERNAL		SHREYA KUMAR	NHCE	8 MONTHS	
101	CSE	INTERNAL	FAKE FACE DETECTION	NEHA	NHCE	8 MONTHS	
	CSE	INTERNAL		ASHIN C FREJI	NHCE	8 MONTHS	
102	CSE	INTERNAL	DIAGNOSYNC: AI-DRIVEN MEDICAL DIAGNOSTICS AND HEALTHCARE MANAGEMENT	AISHWARYA PRADEEP	NHCE	8 MONTHS	
	CSE	INTERNAL		CHIRANJEEVI R. SHEKAR	NHCE	8 MONTHS	
103	CSE	INTERNAL	AUTOMATED 3D MODELLING FROM 2D BLUEPRINTS	ANUSHRI VASUDEVAN	NHCE	8 MONTHS	
	CSE	INTERNAL		SOHAN R	NHCE	8 MONTHS	
104	CSE	INTERNAL	OPEN BOX	B TEJHAASWINI	NHCE	8 MONTHS	
	CSE	INTERNAL		ANANYA ASHOK	NHCE	8 MONTHS	
105	CSE	INTERNAL	MEDICO	YASHAVANT KALASHETTI	NHCE	8 MONTHS	
	CSE	INTERNAL		TEJAS C M	NHCE	8 MONTHS	
106	CSE	INTERNAL	DRIP IV RATE MONITOR	MIZBAH R	NHCE	8 MONTHS	
	CSE	INTERNAL		MANISH N	NHCE	8 MONTHS	
107	CSE	INTERNAL	ALLERGY AND ASTHMA TRIGGER APP	ZARHAN YAQOOB	NHCE	8 MONTHS	
	CSE	INTERNAL		VISHAL N	NHCE	8 MONTHS	
108	CSE	INTERNAL	IMPROVINGMENTAL HEALTH CARE THROUGH MACHINE LEARNING BASED DEPRESSION ANALYSIS	SHRISHTI TIWARI	NHCE	8 MONTHS	
	CSE	INTERNAL		ZAHID AHMED KHAN	NHCE	8 MONTHS	
109	CSE	INTERNAL	ADVANCED VEHICLE SAFETY AND MANAGEMENT SAFETY	ROHAN H SAVANTH	NHCE	8 MONTHS	
	CSE	INTERNAL		THARUN A C	NHCE	8 MONTHS	
110	CSE	INTERNAL	MANUVERING AUTONOMOUS VEHICLES IN URBAN ENVIRONMENTS	SRINIVASA PM	NHCE	8 MONTHS	
	CSE	INTERNAL		SAYYEDSOHAIB M YALLUR	NHCE	8 MONTHS	
111	CSE	INTERNAL	AI-DRIVEN DETECTION OF CYBERBULLYING: ENHANCING ONLINE SAFETY THROUGH TOXIC COMMENT ANALYSIS	CHRIS JORDAN J	NHCE	8 MONTHS	
	CSE	INTERNAL		SANJANA JELLA	NHCE	8 MONTHS	
112	CSE	INTERNAL	AI-BASED VIRTUAL PATIENT ASSIST	ABHAY G	NHCE	8 MONTHS	
	CSE	INTERNAL		ABISHEK J	NHCE	8 MONTHS	
113	CSE	INTERNAL	AUTOMATED FOOD TRACKING AND MANAGEMENT SYSTEM	MOHAMMED MIDLAJ	NHCE	8 MONTHS	
	CSE	INTERNAL		ALBIN M J	NHCE	8 MONTHS	
114	CSE	INTERNAL	SMART HOME CONTROL: INTEGRATING GESTURES, SPEECH, AND MOBILE APPLICATION	SHIMMI SAHU	NHCE	8 MONTHS	
	CSE	INTERNAL					
115	CSE	INTERNAL	LIFE FLOW	RA CHAN P	NHCE	8 MONTHS	
	CSE	INTERNAL		SOMASHEKHAR N	NHCE	8 MONTHS	
116	CSE	INTERNAL	QUAKEPREDICT - A SIMPLE EARTHQUAKE PREDICTION SYSTEM	NIKHIL SURYADEVARA	NHCE	8 MONTHS	
	CSE	INTERNAL		P CHARAN KUMAR	NHCE	8 MONTHS	
117	CSE	INTERNAL	DEEPPAKE-DETECTION-USING-G-LSTM-AND-RES NEXT	RAHUL PANKAJ	NHCE	8 MONTHS	
	CSE	INTERNAL		SRIKANTA MISHRA	NHCE	8 MONTHS	
118	CSE	INTERNAL	EDUCATIONAL ADVENTURES	VINAY H P	NHCE	8 MONTHS	
	CSE	INTERNAL		CHANDUR YADAV	NHCE	8 MONTHS	
119	CSE	INTERNAL	AI-INTEGRATED SMART HELMETS	JAYAADHITYA J	NHCE	8 MONTHS	
	CSE	INTERNAL		ILHAAN IBRAHIM	NHCE	8 MONTHS	
120	CSE	INTERNAL	QUIZSPHERE: A GAMIFIED LEARNING ECOSYSTEM	VISHNU RAJA V	NHCE	8 MONTHS	
	CSE	INTERNAL		BRITI KUSHWAHA	NHCE	8 MONTHS	
121	CSE	INTERNAL	CODELEED: INTEGRATED E-LEARNING PLATFORM FOR CODING	BHARATH M	NHCE	8 MONTHS	
	CSE	INTERNAL		NITHIN M	NHCE	8 MONTHS	
122	CSE	INTERNAL	AR-BASED REAL TIME LANGUAGE TRANSLATION	MOHAMMED AYMAN	NHCE	8 MONTHS	
	CSE	INTERNAL		V RAHUL	NHCE	8 MONTHS	
123	CSE	INTERNAL	NETWORK INTRUSION DETECTION SYSTEM USING DEEP LEARNING	NAMA SAI TEJESWAR	NHCE	8 MONTHS	
	CSE	INTERNAL		CHEKKA KESAVA VIGNESHWAR	NHCE	8 MONTHS	
124	CSE	INTERNAL	HAND-GESTURE CONTROLLED PRESENTATION	ACHYUTH M	NHCE	8 MONTHS	
	CSE	INTERNAL		MANJUNATH NAIK	NHCE	8 MONTHS	
125	CSE	INTERNAL	AI WEATHER MONITORING AND PREDICTION SYSTEM	ADAKA BALA VAMSIKRISHNA	NHCE	8 MONTHS	
	CSE	INTERNAL		JOGA THEJESWAR REDDY	NHCE	8 MONTHS	
126	CSE	INTERNAL	TRACK AND TRACE	HEMANTH H P	NHCE	8 MONTHS	
	CSE	INTERNAL		GAJULA HARSHAVARDHAN	NHCE	8 MONTHS	
127	CSE	INTERNAL	HEALTHSPHERE	DINESH RATNAKAR	NHCE	8 MONTHS	
	CSE	INTERNAL		DHARAMRAJA A	NHCE	8 MONTHS	
128	CSE	INTERNAL	SMART RECYCLE BIN	HARISH RAJESH	NHCE	8 MONTHS	
	CSE	INTERNAL		JAISHANKAR S	NHCE	8 MONTHS	
129	CSE	INTERNAL	WOMEN NIGHT SURVILLANCE ROBOT	N THARUNIKA REDDY	NHCE	8 MONTHS	
	CSE	INTERNAL		S HARSHINI	NHCE	8 MONTHS	
130	CSE	INTERNAL	SIGN SPEAK	LOHITH A	NHCE	8 MONTHS	
	CSE	INTERNAL		M B MANJUNATH KULAL	NHCE	8 MONTHS	
131	CSE	INTERNAL	CUTTING-EDGE SENSORS FOR SAFEGUARDING ELDERLY AND PERSONS WITH DISABILITIES	VENNAPUSA SREEHITHA REDDY	NHCE	8 MONTHS	
	CSE	INTERNAL		TRISHA SRINIVASAN	NHCE	8 MONTHS	
132	CSE	INTERNAL	AI-HEALTH MONITOR	KALLA VISHWANATH REDDY	NHCE	8 MONTHS	
	CSE	INTERNAL		KAUSHAL TOGO	NHCE	8 MONTHS	
133	CSE	INTERNAL	INTELLIGENT TOLL COLLECTION SYSTEM	SHRUIAN KR	NHCE	8 MONTHS	
	CSE	INTERNAL		NIRJARESH	NHCE	8 MONTHS	
134	CSE	INTERNAL	PERSONALIZED VIRTUAL TEACHER	KOMMALAPATI BAVAN KUMAR	NHCE	8 MONTHS	
	CSE	INTERNAL		ABHISHEK	NHCE	8 MONTHS	
135	CSE	INTERNAL	SMART HEALTH MONITORING SYSTEM	JEFF JUDE	NHCE	8 MONTHS	
	CSE	INTERNAL		H S PRAJWAL BHARDWAJ	NHCE	8 MONTHS	
136	CSE	INTERNAL	RX ASSIST: SMART DISEASE PREDICTION AND DRUG RECOMMENDATION	K SAI DINESH	NHCE	8 MONTHS	
	CSE	INTERNAL		D A PRAJWAL	NHCE	8 MONTHS	
137	CSE	INTERNAL	SIGN LANGUAGE DETECTION USING TRANSFER LEARNING	DELINA YADAV	NHCE	8 MONTHS	
	CSE	INTERNAL		JOSHNA	NHCE	8 MONTHS	
138	CSE	INTERNAL	PLANT DISEASE DETECTION AND DIAGNOSIS	MAHARATHI GN	NHCE	8 MONTHS	
	CSE	INTERNAL		CHANDANA KS	NHCE	8 MONTHS	
139	CSE	INTERNAL	PERSONALIZED LEARNING PLATFORM USING ARTIFICIAL INTELLIGENCE	KURUNA SOWMYA	NHCE	8 MONTHS	
	CSE	INTERNAL		DERANGULA SANKEERTHANA	NHCE	8 MONTHS	
140	CSE	INTERNAL	FOOD NUTRIENT TRACKER	KONDA SRIRAMA KRISHNA CHAITANYA	NHCE	8 MONTHS	
	CSE	INTERNAL		SAGILI SREENATH REDDY	NHCE	8 MONTHS	
141	CSE	INTERNAL	CROP SENSE: AN INTEGRATED WEBAPP FOR CROP HEALTH MONITORING AND DISEASE DETECTION	ADRIAN MATHEW ALOYSIUS	NHCE	8 MONTHS	
	CSE	INTERNAL		DAVE JOSEPH PINTO	NHCE	8 MONTHS	
142	CSE	INTERNAL	REAL-TIME LANGUAGE TRANSLATION	G HARSHATH KUMAR	NHCE	8 MONTHS	
	CSE	INTERNAL		T MANOJ	NHCE	8 MONTHS	
143	CSE	INTERNAL	AUTOMATED ALERTING SYSTEMS FOR MEDICAL EMERGENCIES	S. PARDA SAINARASIMHA	NHCE	8 MONTHS	
	CSE	INTERNAL		SAHIL KISHORE	NHCE	8 MONTHS	

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
NEW HORIZON COLLEGE OF ENGINEERING
FIELD PROJECT UNDERTAKEN BY STUDENTS - AY 2024-25

TEAM NO	DEPT	INTERNAL/ EXTERNAL	PROJECT TITLE	NAME OF THE STUDENT	ORGANIZATION	PROJECT DURATION	EXTERNAL GUIDE
144	CSE	INTERNAL	LEVERAGING DEEP LEARNING FOR CHEST X-RAY TUBERCULOSIS	KANDMALLA RISHIK	NHCE	8 MONTHS	
	CSE	INTERNAL		HASHIM KHAN GJ	NHCE	8 MONTHS	
145	CSE	INTERNAL	PERSONALIZED HEALTHCARE DELIVERY THROUGH SMARTWEARABLE TECHNOLOGY	MOTUBALLI CHARAN KUMAR	NHCE	8 MONTHS	
	CSE	INTERNAL		K SAI NIKHIL	NHCE	8 MONTHS	
146	CSE	INTERNAL	WEARABLE HEALTH MONITORING SYSTEM EMBEDDED IN PYTHON	MEKALA HARSHA VARDHAN SAI	NHCE	8 MONTHS	
	CSE	INTERNAL		SANJAY K	NHCE	8 MONTHS	
147	CSE	INTERNAL	SECURE SCAN	MURSALEEN SHAFI	NHCE	8 MONTHS	
	CSE	INTERNAL		EMADUDDIN ASDAQ	NHCE	8 MONTHS	
148	CSE	INTERNAL	HEALTHCARE CHATBOT	DEEPAK PATEL	NHCE	8 MONTHS	
	CSE	INTERNAL		ANKIT KUMAR KALWAR	NHCE	8 MONTHS	
149	CSE	INTERNAL	SMART HOME SECURITY	NAGA NARENDRA	NHCE	8 MONTHS	
	CSE	INTERNAL		VIJAY SIMHA REDDY G	NHCE	8 MONTHS	
150	CSE	INTERNAL	MEDI GUARDIAN	KARTIKEY	NHCE	8 MONTHS	
	CSE	INTERNAL		KEVIN	NHCE	8 MONTHS	
151	CSE	INTERNAL	AUTOMATED ASSESSMENT AND EVALUATION SYSTEM	HARSH AHUJA	NHCE	8 MONTHS	
	CSE	INTERNAL		SIDDHARTH PRADEEP	NHCE	8 MONTHS	
152	CSE	INTERNAL	TECH CONNECT	M KETHANA CHOWDARY	NHCE	8 MONTHS	
	CSE	INTERNAL		M V MAHIDHAR REDDY	NHCE	8 MONTHS	
153	CSE	INTERNAL	IMPLEMENTATION OF IOT-BASED IRRIGATION SYSTEM FOR CLIMATE RESILIENT FARMING	S BHANU DUSHYANTH	NHCE	8 MONTHS	
	CSE	INTERNAL		Y MAHENDHRA REDDY	NHCE	8 MONTHS	
154	CSE	INTERNAL	UNIVERSAL SIGN LANGUAGE TRANSLATOR	P SRIDEEK SHITH	NHCE	8 MONTHS	
	CSE	INTERNAL		P SAI LIKITH	NHCE	8 MONTHS	
155	CSE	INTERNAL	SMART FARMING : A CROP RECOMMENDATION SYSTEM	ADITYA RAJ	NHCE	8 MONTHS	
	CSE	INTERNAL		GAJAVALLI VENKATA SAI SHYAM KUMAR	NHCE	8 MONTHS	
156	CSE	INTERNAL	FINANCE GPT	DURUGADDA DATTA KALESWAR	NHCE	8 MONTHS	
	CSE	INTERNAL		ANSELM ANTHONY BARRETTO	NHCE	8 MONTHS	
157	CSE	INTERNAL	HOLISTIC HEALTH INTEGRATION: A COMPREHENSIVE APPROACH TO DIGITAL HEALTHCARE IN INDIA	ANEESHA MC	NHCE	8 MONTHS	
	CSE	INTERNAL		ADITHYA NARAYAN	NHCE	8 MONTHS	
158	CSE	INTERNAL	AI-DRIVEN TRAFFIC MANAGEMENT SYSTEM	ANAJ RAJEEV	NHCE	8 MONTHS	
	CSE	INTERNAL		RITOSU VRA RAY	NHCE	8 MONTHS	
159	CSE	INTERNAL	EDUCARE	SOUBHIK DAS	NHCE	8 MONTHS	
	CSE	INTERNAL		SAI SUHAS	NHCE	8 MONTHS	
	CSE	INTERNAL		SHAKTHI V	NHCE	8 MONTHS	
	CSE	INTERNAL		S UDAY KARTHIK	NHCE	8 MONTHS	
	CSE	INTERNAL		NITHIN M	NHCE	8 MONTHS	

Dhanraj Babu
PROJECT COORDINATOR

HOD-CSE *13 Jan 25*



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"CAR EMI CALCULATOR"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PALLAVI PADMARAJU -1NH21CS173

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

GANGOTHRI L V -1NH21CE019

KEERTHANA B N -1NH21CE026

Under the guidance of

Dr. B. RAJALAKSHMI

Professor and HOD

Under the guidance of

Mr. RAHUL B

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING


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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CAR EMI CALCULATOR" is a bonafide work carried out by PALLAVI PADMARAJU (1NH21CS173) 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 2024-2025. 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.


03 Jan 25

Signature of Guide
(Dr. B. RAJALAKSHMI)



Signature of Guide
(Mr. RAHUL)


03 Jan 25

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santhosh Kumar D

2. Dr. S. K. Chitra Borgeet

Signature with date


3/1/25


3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**"RAPID SENSING MECHANISM TO DETECT CHEMICALS TO
PREVENT DRUGGING CRIME"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

VINOD RUDRAYYA PUJARI-1NH22CS421
AJIKUTTIRA NIRAN ADITHYA-1NH21CS015

Under the guidance of

Dr. D. ROJA RAMANI

Associate Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

MAHESH V CHOLIN-1NH21EC086
NAGARAJU N K-1NH21EC100

Under the guidance of

Ms. HAMSALEKHA R

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "RAPID SENSING MECHANISM TO DETECT CHEMICALS TO PREVENT DRUGGING CRIME" is a Bonafide work carried out by VINOD RUDRAYYA PUJARI(1NH22CS421) and AJIKUTTIRA NIRAN ADITHYA (1NH21CS015) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

[Handwritten Signature]
03/01/2025

Signature of Guide

Dr. D. Roja Ramani

Associate Professor

[Handwritten Signature]
21/1/25

Signature of Guide

Ms. Hamsalekha

Senior Assistant
Professor

[Handwritten Signature]

Signature of HOD

Dr. B. Rajalakshmi

HOD CSE

SEE VIVA

Name of Examiner

1. Dr. S. S. Mahesh Krishna

2. Dr. S. H. Manjira Borge

Signature with date

[Handwritten Signature] 31/1/25

[Handwritten Signature]



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

UBER AMBULANCE – NEXT GENERATION SMART EMERGENCY RESPONSE PLATFORM

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

B GURU SAI NATH - 1NH21CS045

CHARANDEEP K - 1NH21CS058

Under the guidance of
Dr. M. DHANALAKSHMI
Professor

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY

HARSHAVARDHAN G - 1NH21EC060

KEERTHANA Y - 1NH21EC076

Under the guidance of
Dr. ARAVINDA K
HOD & Professor

Academic Year: 2024-2025





NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **UBER AMBULANCE NEXT GENERATION SMART EMERGENCY RESPONSE PLATFORM** is a bonafide work carried out by **CHARANDEEP K (1NH21CS058)** AND **B. GURU SAI NATH(1NH21CS045)** in partial fulfillment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. M. Dhanalakshmi)

Signature of Guide

(Dr. Aravinda K)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. S. K. Prasad, Kuvempu Dr.

2. Dr. S. K. Prasad, Kuvempu Dr.

Signature with date

BY: 10/12/24



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“IndiTranslate: Bridging Language Barriers in India”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Shruti Sameer Hosur - 1NH21CS229

Sneha Verma - 1NH21CS234

Under the guidance of

Dr. Santhosh Krishna B V

Associate Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

Shrishti Jaiswal - 1NH21IS157

Sujeet Kumar - 1NH21IS163

Under the guidance of

Dr. Arvind S Kapse

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IndiTranslate: Bridging Language Barriers in India" is a bonafide work carried out by **Shruti Sameer Hosur (1NH21CS229)** and **Sneha Verma (1NH21CS234)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. Santhosh Krishna B V)

Signature of Guide

(Dr. Arvind S Kapse)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. S. K. Rajin Borge
2. Dr. Santhosh Krishna B V

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"HEALTH CARE ANALYZER"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

GAGAN V -1NH21CS082

GAJULA SRINIVAS JATINKRISHNA - 1NH21CS085

BACHELOR OF ENGINEERING

IN

**ARTIFICIAL INTELLIGENCE AND
MACHINE LEARNING**

BY

CHETHAN C -1NH21AI022

KEERTHANA KRISHNAMURTHY -1NH21AI044

Under the guidance of

Dr. ASHOK K

**ASSOCIATE PROFESSOR
DEPT. OF CSE, NHCE**

Under the guidance of

Ms. BINDU S

**ASSISTANT PROFESSOR
DEPT. OF AIML, NHCE**

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING


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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE


It is hereby certified that the interdisciplinary project work entitled "HEALTH CARE ANALYZER" is a bonafide work carried out by **GAGAN V (1NH21CS082)** and **GAJULA SRINIVAS JATINKRISHNA (1NH21CS085)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


28/12/24

Signature of Guide
(Dr. ASHOK K)


28/12/24

Signature of Guide
(Ms. BINDU S)


Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Sandosh Krishna

2. Dr. S.K. Manjira Baragan

Signature with date

Dr. Sandosh Krishna 21/12/25

Dr. S.K. Manjira Baragan



NEW HORIZON COLLEGE OF ENGINEERING

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

“EDUVIBE - A PERSONALIZED LEARNING PLATFORM “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KOTHEPALLE CHETHANA -1NH21CS272

KOTHEPALLE CHARITHA -1NH21CS273

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ROSHINI CHITTAMURU -1NH21IS126

PRATHIKSHA R NIJAMKARI -1NH21IS119

Under the guidance of

DR. SANTHOSH KRISHNA B V

Associate Professor

Under the guidance of

DR. RAJLAKSHMI GHATKAMBLE

Associate Professor

Academic Year: 2024-25



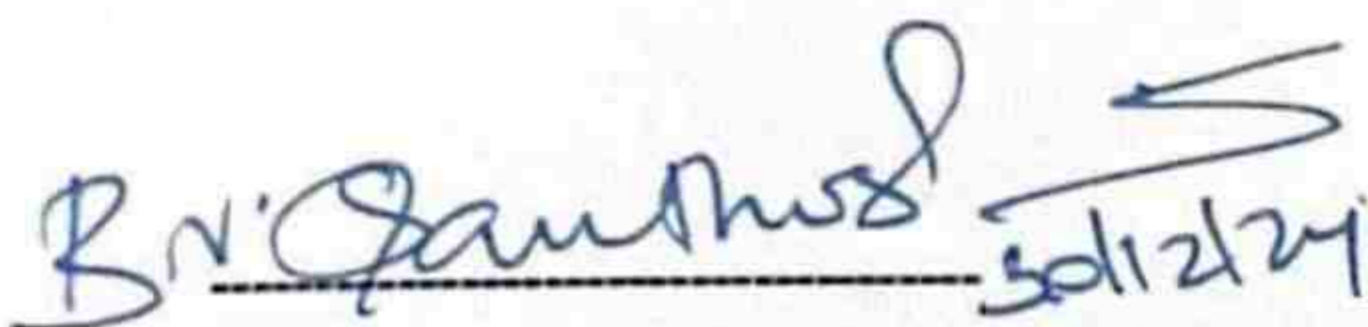
NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

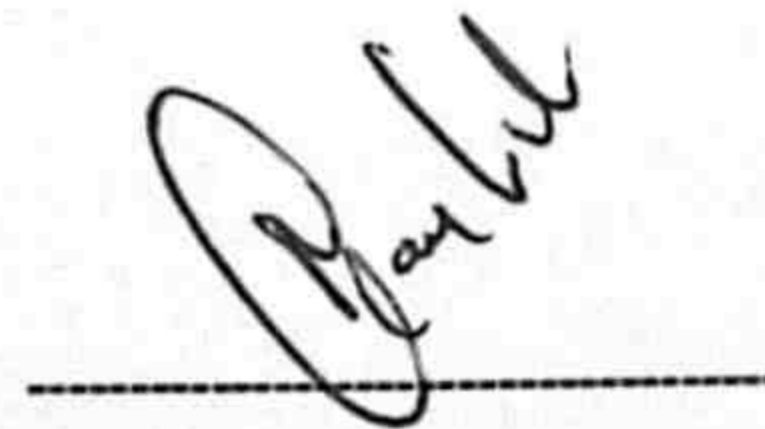
CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "EDUVIBE - A PERSONALIZED LEARNING PLATFORM" is a bonafide work carried out by KOTHEPALLE CHETHANA (1NH21CS272) and KOTHEPALLE CHARITHA (1NH21CS273) 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 2024-2025. 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.


30/11/24

Signature of Guide

(DR. SANTHOSH KRISHNA B V)



Signature of Guide

(DR. RAJLAKSHMI GHATKAMBLE)


30/11/24

Signature of HOD

(HOD-CSE)

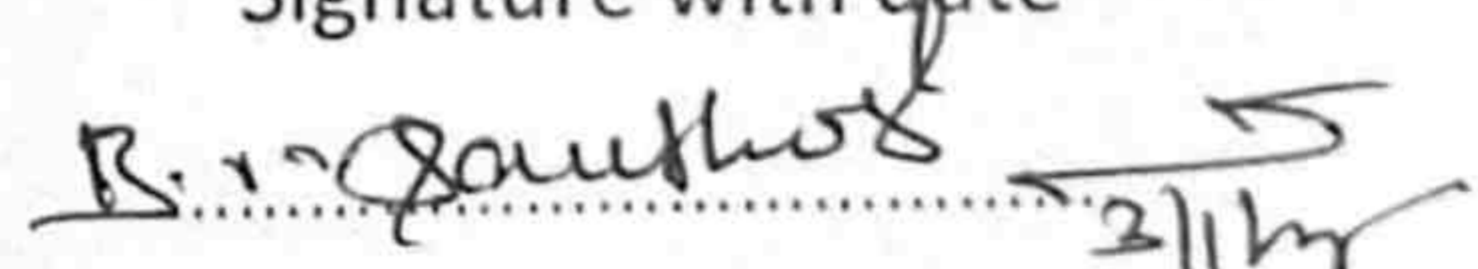
SEE VIVA

Name of Examiner

1. Dr. Santhosh Krishna B V

2. Dr. S. K. Manjunath Borgevi

Signature with date


30/11/24


30/11/24



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

INTELLIGRADE: PERSONALIZED EVALUATION SYSTEM

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ATMAKURI RAJA HARSHINI -1NH21CS039

BOLLAM MUNNA SUPRATHIK -1NH21CS052

Under the guidance of

Ms. ASHA RANI BORAH

Sr. Assistant Professor, CSE, NHCE

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

YUKTHA BOGGULA -1NH21AI017

VEMPALLI CHARITHA -1NH21AI125

Under the guidance of

Mr. R S SYAM DEV

Sr. Assistant Professor, AI&ML, NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INTELLIGRADE: PERSONALIZED EVALUATION SYSTEM" is a bonafide work carried out by ATMAKURI RAJA HARSHINI (1NH21CS039) and BOLLAM MUNNA SUPRATHIK (1NH21CS052) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. ASHA RANI BORAH)

Signature of Guide

(Mr. R S SYAM DEV)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. S. K. Manju Borah

2. Dr. Santhosh Krishna Borah

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

AUTOMATED ALERTING SYSTEMS FOR MEDICAL EMERGENCIES

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

N MAHITH KUMAR -1NH21CS170

SYED VAHID -1NH21CS244

Under the guidance of

Ms. SRIVIDHYA G

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

M BHANU PRASAD -1NH21AI1055

G YASHWANTH REDDY -1NH21AI130

Under the guidance of

Dr. N V UMA REDDY

Professor & Head of Department

Academic Year: 2024-25

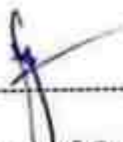


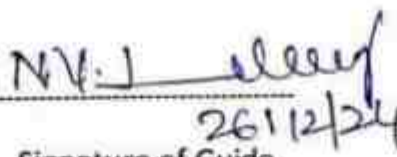
NEW HORIZON COLLEGE OF ENGINEERING

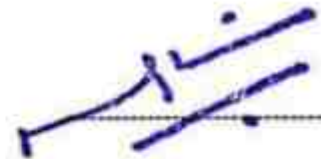
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE



It is hereby certified that the interdisciplinary project work entitled "AUTOMATED ALERTING SYSTEMS FOR MEDICAL EMERGENCIES" is a bonafide work carried out by NOOJARLA MAHITH KUMAR (1NH21CS170) and SYED VAHID (1NH21CS244) 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 2024-2025. 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.


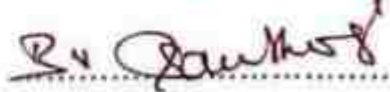

Signature of Guide
(Ms. SRIVIDHYA G)


Signature of Guide
(Dr. N V UMA REDDY)


Signature of HOD
(Dr. B RAJALAKSHMI)

SEE VIVA

Name of Examiner
1. 
2. 

Signature with date



3/1



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT ON INTERDISCIPLINARY PROJECT TITLED

IOT-ENHANCED PRECISION AGRICULTURE USING SMART FARMING

Submitted in partial fulfillment for the award of the degree of

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

**THARUNI SREE N -1NH21CS164
SHILPA B -1NH21CS217**

Under the guidance of
Dr.J.MARUTHU PANDI
Associate Professor

**BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND
MACHINE LEARNING
BY**

**ASHRITHA KRISHNA -1NH21AI062
NITHYA SHREE R -1NH21AI070**

Under the guidance of
Dr.B.MEENAKSHI SUNDARAM
Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IOT-ENHANCED PRECISION AGRICULTURE USING SMART FARMING" is a bonafide work carried out by N THARUNI SREE (1NH21CS164) and SHILPA B (1NH21CS217) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide

(Dr. J. MARUTHU PANDI)



Signature of Guide

(Dr. MEENAKSHI SUNDARAM)



Signature of HOD

(HOD-CSE)

SEE VIVA

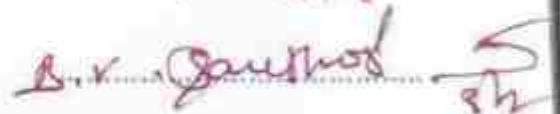
Name of Examiner

1. Dr. S. K. Raju Bangaru

2. Dr. Sanmudh Kishore

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"GESTURE-MASTER "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BHARGAVI SARAF -1NH21CS046

AADHYA GUPTA-1NH21CS001

Under the guidance of

Dr. SONALI J. MAHURE

Associate Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ANSHIKA RAJPUT -1NH21IS018

JAYNATH B S -1NH21IS070

Under the guidance of

Dr. KALAIVANI D

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Gesture-Master" is a bonafide work carried out by BHARGAVI SARAF (1NH21CS046) and AADHYA GUPTA (1NH21CS001) 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 2024-2025. It is certified that all corrections/suggestions indicated for internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. SONALI J. MAHURE)

Signature of Guide

(Dr. KALAVANI D)

Signature of HOD

(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

Signature with date

1. Dr. S. K. Raju Bangari

2. Dr. Sandesh Mishra



NEW HORIZON COLLEGE OF ENGINEERING

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

**“AURA: ADAPTIVE UNIFIED REAL-TIME ANALYTICS FOR
PERSONALISED HEALTH “**

Submitted in partial fulfillment for the award of the degree of

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

AMARA VENKATA SAIPRIYA -1NH21CS021
ASHMITA BARMAN -1NH21CS036

Under the guidance of
Ms. SOJA RANI S
Senior Assistant Professor

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

AADAVAN A -1NH21EC003
DHIMANTH M -1NH21EC045

Under the guidance of
Dr. SANJEEV SHARMA
Director QAIE, Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AURA: ADAPTIVE UNIFIED REAL-TIME ANALYTICS FOR PERSONALISED HEALTH" is a bonafide work carried out by AMARA VENKATA SAIPRIYA (1NH21CS021) and ASHMITA BARMAN (1NH21CS036) 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 2024-2025. 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. SOJA RANI S)

Signature of Guide

(Dr. SANJEEV SHARMA)

Signature of HOD

(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. S. K. Ranje Barmani

2. Dr. Sundhosh Krishna

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON**

Smart leaf classification an IoT based approach

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

AKASH BHATT -1NH21CS017

ARUSH ASHWIN -1NH21CS034

Under the guidance of

Dr. Santosh Kumar B

Associate Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ATHARVI RAVI MAHINDRAKAKR -1NH21IS033

ASTHA TRIPATHI -1NH21IS034

Under the guidance of

Ms. Krishnaveni A

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Smart leaf classification an IoT based approach" is a bonafide work carried out by **AKASH BHATT (1NH21CS017)** and **ARUSH ASHWIN (1NH21CS034)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Dr. SANTOSH KUMAR B

Signature of Guide

Ms. Krishnaveni A

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. S. K. Rajalakshmi

2. Dr. Santosh Kumar B

Signature with date

Dr. S. K. Rajalakshmi

Dr. Santosh Kumar B



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Vanguard: A Rescue Assistance App"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RUDRAKSHI LAMBA -1NH21CS201

PRIYESH KUMAR SAH -1NH21CS188

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ARAYA NAIKMASUR -1NH21IS023

PRAKET TAMHANKAR -1NH21IS117

Under the guidance of

Mrs. Subhashree Rath

Senior Assistant Professor

Under the guidance of

Mrs. Shalini A

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "VANGUARD-A RESCUE ASSISTANT APP" is a bonafide work carried out by PRIYESH KUMAR SAH (1NH21CS188) and RUDRAKSHI LAMBA (1NH21CS201) 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 2024-2025. 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

(Mrs. Subhashree Rath)

Signature of Guide

(Mrs. Shalini A)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santhosh Kumar BV

2. Dr. S.K. Raju Bengali

Signature with date

Dr. Santhosh Kumar BV 31/1/25

Dr. S.K. Raju Bengali 31/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“ PLATFORM EPOCH “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

AMOGH.S.KUMAR-1NH21CS280

AARAMBH JAISWAL -1NH21CS283

Under the guidance of

Ms. Shreenagamanjula Rani

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

T SAI SREE CHARAN -1NH21AI109

VIBHA JOSHI -1NH21AI117

Under the guidance of

Dr. S Sreejith

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PLATFORM EPOCH" is a bonafide work carried out by AMOGH.S.KUMAR (1NH21CS280) and AARAMBH JAISWAL (1NH21CS283) 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 2024-2025. 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. Shreenagamanjula Rani)

Signature of Guide

(Dr. S Sreejith)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Sandhya Krishnan

2. Dr. S. K. Anjan Babu

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"SYMPTOHEAL"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

S AARON DENNIS- 1NH21CS202
HARSHAVARDHINI U-1NH21CS094

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

BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY

KRUTHIKA B R -1NH21CE027
ROSVIN JOSEPH C -1NH21CE049

Under the guidance of
Dr. RATHISH C R
Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SYMPTOHEAL" is a bonafide work carried out by HARSHAVARDHINI U (1NH21CS094) and S AARON DENNIS(1NH21CS202) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. ASHA RANI BORAH)

Signature of Guide

(Dr. RATHISH C R)

Signature of HOD

(Dr. B RAJALAKSHMI)

Signature of HOD

(Dr. NARAYANA SWAMY RAMAIAH)

SEE VIVA

Name of Examiner

1. Dr. Santhosh kishu
2. Dr. S. Kartika Bangari

Signature with date

Dr. Santhosh kishu 31/12/24
Dr. S. Kartika Bangari 31/12/24



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**"CHECKMATE – AN AI POWERED AUTOMATED EVALUATION
AND ASSESSMENT SYSTEM"**

Submitted in partial fulfillment for the award of the degree of

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

JEFFREY JOHN -1NH21CS111
KAZI AFROZ ALAM -1NH21CS129

**BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY**

RACHANA NAYAK -1NH21CE059
SHREYA VEERAPUR-1NH21CE044

Under the guidance of
Ms. Yogitha
Senior Assistant Professor

Under the guidance of
Mr. Rahul B
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CHECKMATE – AN AI POWERED AUTOMATED EVALUATION AND ASSESSMENT SYSTEM" is a bonafide work carried out by JEFFREY JOHN (1NH21CS111) and KAZI AFROZ ALAM (1NH21CS129) 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 2024-2025. 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. Yogitha)

Signature of Guide

(Mr. Rahul B)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Sandosh Krishna

2. Dr. S. K. Ganju Bangari

Signature with date

Dr. Sandosh Krishna

Dr. S. K. Ganju Bangari



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“SKILLQUEST : GAMIFIED LEARNING WITH STRATEGIC HINTS
AND TIMED CHALLENGES”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Manas M -1NH21CS149

Mohammad Murtuza Hussain -1NH21CS161

Under the guidance of

Mr. BHASKAR S V

Sr.Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

Aga Asghar Murthuza - 1NH21AI008

Adarsh R - 1NH21AI006

Under the guidance of

Dr. SOWMYA H K

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SKILLQUEST : GAMIFIED LEARNING WITH STRATEGIC HINTS AND TIMED CHALLENGES" is a bonafide work carried out by MANAS M (1NH21CS149) and MOHAMMAD MURTUZA HUSSAIN (1NH21CS161) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Mr. Bhaskar S V)

Signature of Guide

(Dr. Sowmya H K)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santhosh Krishna A
2. Dr. S. K. Manjunath Borge

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“Healers Blend: Integrating Technology with Allopathy,
Ayurveda, and Homeopathy for a Unified Medical Approach “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KHUSHI PATIL-1NH21CS135

KOWTA SRIKARI-1NH21CS138

BACHELOR OF ENGINEERING

IN

ELECTRICAL AND ELECTRONICS ENGINEERING

BY

VAISHNAVI D – 1NH21EE123

VAISHNAVI JB – 1NH21EE124

Under the guidance of

Ms. Chitra C

Sr Assistant Professor

Under the guidance of

Ms.Kavitha CH

Sr Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Healers Blend: Integrating Technology with Allopathy, Ayurveda, and Homeopathy for a Unified Medical Approach" is a bonafide work carried out by KHUSHI PATIL (1NH21CS135) and KOWTA SRIKARI (1NH21CS138) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Chitra C)

Signature of Guide
(Ms. Kavitha CH)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santhosh Lakshmi Nv
2. Dr. S.K. Tanju Beraei

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**“EDULOV - Personalized learning platform using AI and data
analytics”**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

YARRAGUNTA UNNATHI -1NH21CS266

VELUVOLU KALYAN RAM -1NH21CS296

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

DOSAPATI AKSHAY -1NH21IS054

JOSHI VIVEK SHARMA -1NH21IS071

Under the guidance of

Ms. A Senthil Anandhi

Sr. Assistant professor

Under the guidance of

Mrs. Shruthi G R

Sr. Assistant professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "EDULOV - Personalized learning platform using AI and data analytics" is a bonafide work carried out by YARRAGUNTA UNNATHI (1NH21CS266) and VELUVOLU KALYAN RAM (1NH21CS296) 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 2024-2025. 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. A Senthil Anandhi)

Signature of Guide

(Mrs. Shruthi G R)

Signature of HOD

(Dr. Narayana Swamy Ramaiah)

SEE VIVA

Name of Examiner

1. S. Arwini

2. Dr. Sonali M.

Signature with date

S. Arwini
03/01/25

S. Arwini
03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"MEDIFLASH "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

MITHUN M -1NH21CS157
KUNAL MISHRA -1NH21CS139

Under the guidance of
Ms. NAYANA N KUMAR
Assistant Professor

BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY

MOHAMMED MUSTAFA -1NH21CE032
MOHAMMED AMEEN -1NH22CE402

Under the guidance of
Ms. MEHDA B
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MEDIFLASH" is a bonafide work carried out by MITHUN M (1NH21CS157) and KUNAL MISHRA (1NH21CS139) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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 Guide

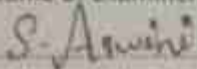
Ms. Mehda B

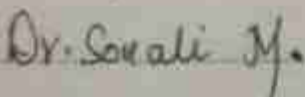

Signature of HOD

DR. Rajalakshmi B

SEE VIVA

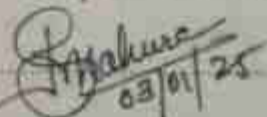
Name of Examiner

1.  S. Aravind

2.  Dr. Sowali M.

Signature with date

 S. Aravind 03/01/25

 Dr. Sowali M. 03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Dynamic Wireless Charging for Electric Vehicles for Smart Transportation System "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DEEPAK M-1NH21CS066

KETANKUMAR M-1NH21CS131

Under the guidance of

Dr. ASHOK K

Associate professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

BHAGYASHREE CHIKKERI-1NH21EC028

VIBHA ADUR-1NH21EC178

Under the guidance of

Dr. SANJEEV SHARMA

Director and Professor ,QAIE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Dynamic Wireless Charging for Electric Vehicles for Smart Transportation System" is a bonafide work carried out by DEEPAK M(1NH21CS066) and KETANKUMAR M(1NH21CS131) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Dr. ASHOK K

Signature of Guide

Dr. SANJEEV SHARMA

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. S. Aswini

2. Dr. Sonali M.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

AI-POWERED PERSONALIZED HEALTH MANAGEMENT FOR DIABETES

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

SUMITH BILAMKAR -1NH21CS241
SHREYAS G -1NH21CS225

Under the guidance of
Ms. LAKSHMI S HANNE
Assistant Professor

BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING
BY

DHIRAN KUMAR REDDY P - 1NH21AI026
CHETHAN S REDDY - 1NH21AI024

Under the guidance of
Mr. RAMESH PRASAD
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled AI-Powered Personalized Health Management for Diabetes is a Bonafide work carried out by SUMITH BILAMKAR (1NH21CS241) and SHREYAS G(1NH21CS225) 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 2024-2025. 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 Guide

(Mr. RAMESH PRASAD)

Signature of HOD-CSE

(Dr NARAYANASWAMY RAMAIAH)

SEE VIVA

Name of Examiner

1. S. Aswini

2. Dr. Sonali M.

Signature with date

S. Aswini
03/01/25

Sonali M.
03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**"DESIGNING SECURE CAMPUS NETWORK AND MITIGATING
NETWORK ATTACKS "**

Submitted in partial fulfillment for the award of the degree of

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

**JANAK SAPKOTA - 1NH21CS107
DIPAL THAPA - 1NH21CS076**

**Under the guidance of
Ms. Bhavya R
Senior Assistant Professor**

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

**PRUTHVIRAJ K G - 1NH21EC122
ROHIT SHAH - 1NH21EC131**

**Under the guidance of
Dr. RAJESH G
Associate Professor**

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

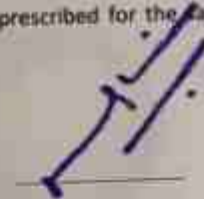
It is hereby certified that the interdisciplinary project work entitled "DESIGNING SECURE CAMPUS NETWORK AND MITIGATING NETWORK ATTACKS" is a bonafide work carried out by DIPAL THAPA (1NH21CS076) and JANAK SAPKOTA (1NH21CS107) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.

 31/1/2025

Signature of Guide
(Ms. Bhavya R)



Signature of Guide
(Dr. Rajesh G)




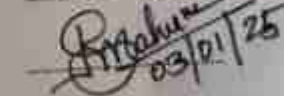
Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. S. Arwini
2. Dr. Saucali M.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“PREVENTION AND PREDICTION OF BUS BUNCHING “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

VEERAJ K -1NH21CS257

VINAY H M -1NH21CS260

Under the guidance of
Ms. M. Thanga Subha Devi
Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

ABHIJIT R S -1NH21CE002

NITHIN SHIVA -1NH21CE042

Under the guidance of
Dr. T. Kavitha
Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PREVENTION AND PREDICTION OF BUS BUNCHING" is a Bonafide work carried out by VEERAJ K (1NH21CS257) and VINAY H M (1NH21CS260) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. M. Thanga Subha Devi)

Signature of Guide

(Dr. T. Kavitha)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner

1. S. Anwini

2. Dr. Sonali M.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

"Carrer Path and Skill Mapping Development Platform"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

Putteti Suraradhith -1NH21CS189

Shivaling Basavaraj Menasi-1NH21CS219

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

Prasiddha Shetty-1NH21IS118

Sampath Kumar-1NH21IS219

Under the guidance of

Ms. Lavanya C

Assistant Professor

Dept of CSE

Under the guidance of

Dr. Vandana CP

Associate Professor

Dept of ISE

Academic Year: 2024-25

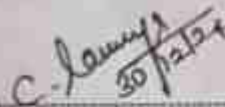


NEW HORIZON COLLEGE OF ENGINEERING

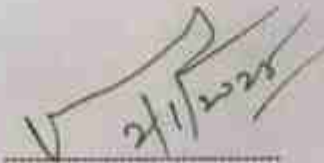
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

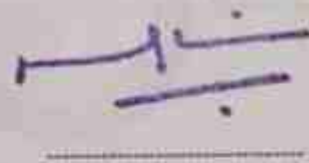
It is hereby certified that the interdisciplinary project work entitled "CAREER PATH AND SKILL MAPPING DEVELOPMENT PLATFORM" is a bonafide work carried out by Putteti Suraradhith (1NH21CS189) and Shivaling Basavaraaj Menasi (1NH21CS219) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


C. Lavanya
30/1/24

Signature of Guide
(Ms. Lavanya C)

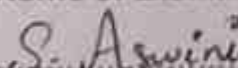
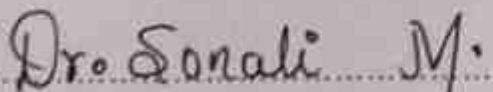

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21/1/2025

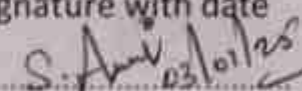
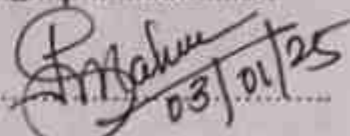
Signature of Guide
(Dr. Vandana C.P)



Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner
1.  S. Aswini
2.  Dr. Sonali M.

Signature with date
 S. Aswini 03/01/25
 Dr. Sonali M. 03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“DIGITAL IDENTITY AND LEARNING ANALYSIS “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KAMISSETY JAHNAVI -1NH21CS121

JANAK RAJ JOSHI -1NH21CS106

Under the guidance of

Dr. SANTHOSH KRISHNA B V

Associate Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

B. RISHITHA HASINI -1NH21IS200

CHERITHA. G-1NH21IS212

Under the guidance of

Ms. NEHA JADHAV

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "DIGITAL IDENTITY AND LEARNING ANALYSIS" is a bonafide work carried out by KAMISSETY JAHNAVI(1NH21CS121) and JANAK RAJ JOSHI (1NH21CS106) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. SANTHOSH KRISHNA B V)

Signature of Guide

(Ms. NEHA JADHAV)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. S. Anvini

2. Dr. Sonali B.

Signature with date

..... S. Anvini 03/01/25

..... Prakash 03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
OPTIMIZING URBAN MOBILITY
A COMPREHENSIVE PUBLIC TRANSPORT MONITORING SYSTEM**

Submitted in partial fulfilment for the award of the degree of

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

**PAVANAKUMAR K SAJJAN – 1NH21CS176
PRAJWAL S – 1NH21CS182**

Under the guidance of
**Ms. VERNIKA SINGH
ASSISTANT PROFESSOR**

**BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING
BY**

**CHETHAN S P - 1NH21AI023
SUSHRUTH M S -1NH21AI107**

Under the guidance of
**Dr. SONIA MARIA D'SOUZA
ASSOCIATE PROFESSOR**

Academic Year: 2024-25

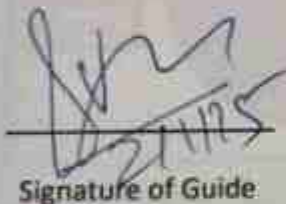


NEW HORIZON COLLEGE OF ENGINEERING

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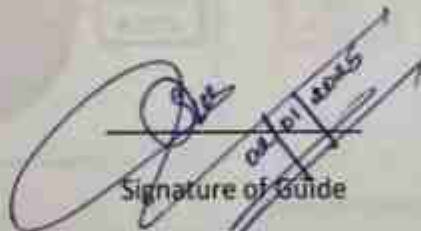
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "OPTIMIZING URBAN MOBILITY A COMPREHENSIVE PUBLIC TRANSPORT MONITORING SYSTEM" is a Bonafide work carried out by PAVANAKUMAR KASHINATH SAJJAN (1NH21CS176) and PRAJWAL S (1NH21CS182) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



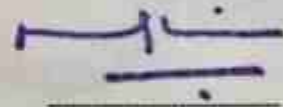
Signature of Guide

(Ms. Vernika Singh)



Signature of Guide

(Dr. Sonia Maria D'Souza)



Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. S. Anvini

2. Dr. Sonali M.

Signature with date

S. Anvini 03/01/25

Sonali M. 03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**"AI-BASED DIAGNOSTIC SYSTEMS FOR HEART ANOMALY
DETECTION USING CMR AND ECG "**

Submitted in partial fulfilment for the award of the degree of

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

Aniket Herle - 1NH21CS027
Arpeeta Sonoli - 1NH21CS031

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

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

Ananya K G - 1NH21IS014
Srusti Hiregoudar - 1NH21IS158

Under the guidance of
Mrs. KRISHNAVENI A
Assistant professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-BASED DIAGNOSTIC SYSTEMS FOR HEART ANOMALY DETECTION USING CMR AND ECG" is a Bonafide work carried out by Aniket Herle (1NH21CS027) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Asha Rani Borah)

Signature of Guide

(Mrs. Krishnaveni A)

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. S. Amrini

2. Dr. Sonali M.

Signature with date

S. Amrini 03/01/25

Dr. Sonali M. 03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AI-DRIVEN VIRTUAL LAB GENERATOR "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SHARUN RAJ K -1NH21CS216

PAPPU HARSHITH -1NH21CS289

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

ABHISHEK K -1NH21AI003

MOHAMMED FUDAIL -1NH21AI058

Under the guidance of

Ms. KAVITHA U

Assistant Professor

Under the guidance of

Ms. RAJASREE R S

Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-DRIVEN VIRTUAL LAB GENERATOR" is a bonafide work carried out by SHARUN RAJ K (1NH21CS216) and PAPPU HARSHITH (1NH21CS289) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Kavitha U)

Signature of Guide

(Ms. Rajasree R S)

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. S. Arvini
2. Dr. Jonali M.

Signature with date

S. Arvini
03/01/25

Dr. Jonali M.
03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

"CROWDFUSION "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

FATHIMA SANA N -1NH21CS080

HARSHITHA V-1NH21CS095

Under the guidance of

Ms. A. Yasawi

Associate Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

RAMYA CHILUKURI -1NH21AI082

UMME KULSUM -1NH21AI112

Under the guidance of

Ms. Bindu. S

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Crowdfusion" is a bonafide work carried out by **Fathima Sana N(INH21CS080)** and **Harshitha V (INH21CS095)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

A. Yasaswi
03/01/25

Signature of Guide

(Ms. A. Yasaswi)

Bindu S

Signature of Guide

(Ms. Bindu. S)

[Signature]

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. *S. Azwini*

2. *Dr. Sonali M.*

Signature with date

S. Azwini
03/01/25

[Signature]
03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

“Mindful Mood”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

KAVYA S -1NH21CS128

NITHYA R V-1NH21CS169

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

DHRUV MEHTA -1NH21IS051

SARTHAK PATRA K -1NH21IS140

Under the guidance of

Mr. Geluvaraj B

Assistant professor

Under the guidance of

Dr. Rajlakshmi Ghatkamble

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Mindful Mood" is a bonafide work carried out by KAVYA S (1NH21CS128) and NITHYA R V (1NH21CS169) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.




Signature of Guide

(Mr. Geluvara) B)



Signature of Guide

(Dr. Rajlakshmi Ghatkamble)



Signature of HOD

(HOD-CSE1)

SEE VIVA

Name of Examiner

1. S. Aswini

2. Dr. Sonali M.

Signature with date





NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**"SMART HOME AUTOMATION SYSTEM
USING IOT"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RAKSHITHA -1NH21CS190

RAMYA SHREE S -1NH21CS287

Under the guidance of

Ms. DEEPTHI JHA

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ASHISH KRISHNAN -1NH21IS030

ADWAID S KUMAR -1NH21IS011

Under the guidance of

Ms. RAMA DAN

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART HOME AUTOMATION SYSTEM USING IOT" is a bonafide work carried out by R AKSHITHA (1NH21CS190) and RAMYA SHREE S (1NH21CS287) 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 2024-2025. 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. DEEPTHI JHA)

Signature of Guide
(Ms. RAMA DAN)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. S. Arwini
2. Dr. Sonali M.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"HEALTH QUEST "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

K.SIVA MANOHARI -1NH21CS116

HARIKA KOLALAPUDI -1NH21CS290

Under the guidance of

Ms. PARISMITA GOSWAMI

Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING ENGINEERING

BY

C.SRIKAR REDDY -1NH21AI018

CHARITH MS -1NH21AI020

Under the guidance of

Dr. UMAMAHESWARAN S

Professor

Academic Year: 2024-25





NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to Y.T.U. Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "HEALTH QUEST" is a Bonafide work carried out by K SIVA MANOHARI(1NH21CS116) and HARIKA KOLALAPUDI(1NH21CS290) 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 2024-2025. 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. Parismita Goswami)

Signature of Guide

(Dr. Umamaheswaran S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. S. Aswini

2. Dr. Sonali M.

Signature with date

S. Aswini
03/01/25

P. Babu
03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Bharat Translate"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

YAGYA RAJ BHATT -1NH21CS265
PRAKASH DHAMI -1NH21CS183

Under the guidance of
Dr. B. Rajalakshmi
Professor and HOD

BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY

SHIVRAJ KARAVINAKOPP-1NH21CE057
DEVASHEESH -1NH21CE013

Under the guidance of
Ms. Mehda B
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BHARAT TRANSLATE" is a bonafide work carried out by YAGYA RAJ BHATT (1NH21CS265) and PRAKASH DHAMI(1NH21CS183) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Dr. B. Rajalakshmi

Signature of Guide

Ms. Mehda B

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. S. Anvire

2. Dr. Sonali M.

Signature with date

S. Anvire 03/01/25

P. Prakash 03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“EDUSPHERE: A USER-FRIENDLY MOOC SITE “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PATIL OMKAR -1NH21CS175

JAANAVI H -1NH21CS104

Under the guidance of

Dr. M DHANALAKSHMI

Professor

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

GANESH RAJ M -1NH21CE018

NAGARAJA N -1NH21CE037

Under the guidance of

Ms. M USHA RANI

Assistant Professor

Academic Year: 2024-25



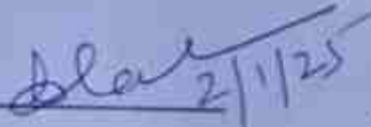
NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

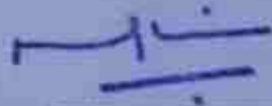
It is hereby certified that the interdisciplinary project work entitled "EDUSPHERE: A USER-FRIENDLY MOOC SITE" is a bonafide work carried out by PATIL OMKAR (1NH21CS175) and JAANAVI H (1NH21CS104) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


21/1/25

Signature of Guide
(Dr. M DHANALAKSHMI)



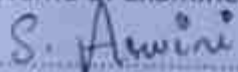
Signature of Guide
(Ms. M USHA RANI)

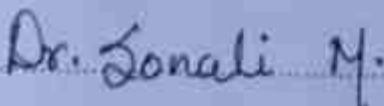


Signature of HOD
(Dr. B RAJALAKSHMI)


SEE VIVA

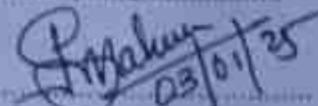
Name of Examiner

1. 

2. 

Signature with date


23/01/25


23/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

WEARABLE DEVICE – HEALTH MONITORING

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

V.LOKESH -1NH21CS302

T.SHARATH -1NH21CS303

Under the guidance of

Dr. NIRMALA M

Professor, Dept of CSE

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

M.KOUSHIK -1NH21AI131

Under the guidance of

Ms. SUPRIYA B RAO

Sr.Assistant Professor, Dept of AIML

Academic Year: 2024-25





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 interdisciplinary project work entitled "WEARABLE DEVICE - HEALTH MONITORING" is a Bonafide work carried out by V LOKESH (1NH21CS302) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. NIRMALA M)

Signature of Guide
(Ms. SUPRIYA B RAO)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. S. Arvini

2. Dr. Souali M.

Signature with date

S. Arvini 03/01/25

Dr. Souali M. 03/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“GAMIX: A GAMING WEBSITE”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RAKESH K -1NH21CS141

SAHANA S -1NH21CS204

Under the guidance of

Dr. Santhosh Krishna B V

Associate Professor

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

RANGANATHA G S -1NH21CE046

SHREEGOURI -1NH21CE058

Under the guidance of

Ms. M Usha Rani

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "GAMIX: A GAMING WEBSITE" is a bonafide work carried out by Rakesh K (1NH21CS141) and Sahana S (1NH21CS204) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. Santhosh Krishna B V)

Signature of Guide

(Ms. M Usha Rani)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

Signature with date

1. Dr. K. Pramila Rani.....

3/1/25.....

2. Chandana V S.....

3/1/25.....



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

HEALTH TAILOR

Submitted in partial fulfillment for the award of the degree of

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

JAYANTH JEFFREY -1NH21CS109

SURYA KN - 1NH21CS242

UDIT GAUR -1NH21CS250

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

**BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY**

AKHILESH R MOHAN - 1NH21CE006

ARJUN S - 1NH21CE009

Under the guidance of
Dr. CR RATHISH
Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled HEALTH TAILOR is a bonafide work carried out by JAYANTH JEFFREY (1NH21CS109), SURYA KN (1NH21CS242) AND UDIT GAUR (1NH21CS250) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Ms. Asha Rani Borah

Signature of Guide

Dr. CR Rathish

Signature of HOD

Dr. Narayan Swami Ramaiah
Professor and HOD

Department of Computer Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
H.N. 100, Bellandur, Phase 1, Bangalore - 560 107
Karnataka, India

SEE VIVA

Name of Examiner

Signature with date

1. Dr. K. Pramila Devi

2. Chandana V.S



NEW HORIZON COLLEGE OF ENGINEERING

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

"SHAHARE SHAYAK"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SHREYAS P KUPPASAD -1NH21CS226

SWARNIL DATTA -1NH21CS243

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SPOORTHI SHREE CM -1NH21IS155

MITALI TRIVEDI -1NH21IS194

Under the guidance of

Dr. D. Roja Ramani

Associate Professor, Dept of CSE

Under the guidance of

Dr. Rajlakshmi G

Associate Professor, Dept of ISE

Academic Year: 2024-25



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 interdisciplinary project work entitled "Shahare Shayak" is a bonafide work carried out by SHREYAS P KUPPASAD (1NH21CS226) and SWAPNIL DATTA (1NH21CS243) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. D. Roja Ramani)

Signature of Guide
(Dr. Rajlakshmi G)

Signature of HOD
Prof. ~~HOD-CSE~~ HOD

Department of Computer Science and Engineering
NEW HORIZON COLLEGE OF ENGINEERING
Ring Road, Basahur Post, Bangalore - 560 103,
Karnataka, India

SEE VIVA

Name of Examiner

1. Dr. K. Pramylaxmi.....
2. Chandana VS.....

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

AIR GESTURE SUITE

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

JYOTHSNA K -1NH21CS115

PRATIBHA PRAKASH MACHAKANUR -

1NH21CS185

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING ENGINEERING

BY

VINAY PRASAD K -1NH21A1119

YASHAS D -1NH21A1123

Under the guidance of

Dr. SONALI MAHURE

Associate Professor

Under the guidance of

Dr. JIMSHA K MATHEW

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AIR GESTURE SUITE" is a bonafide work carried out by JYOTHSNA K (1NH21CS115) and PRATIBHA PRAKASH MACHAKANUR (1NH21CS185) 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 2024-2025. It is certified that all suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. SONALI MAHURE)

Signature of Guide
(Dr. JIMSHA K MATHEW)

Signature of HOD
(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. K. Pramila Devi
2. Chandana V S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

"AI-ASSISTED E-CONSULT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PARVEZ ALAM - 1NH21CS174

UMAR FARDOQ MULLA-1NH21CS251

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

ABHISHEK SURYAVANSHI -1NH21AI002

VINAYAK RANJANAGI -1NH21AI120

Under the guidance of

Dr. G. VIJAYASEKARAN

Associate Professor

Under the guidance of

Ms. RAJASHREE R S

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-ASSISTED E-CONSULT" is a bonafide work carried out by PARVEZ ALAM (1NH21CS174) and UMAR FAROOQ MULLA (1NH21CS251) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. G. VIJAYASEKARAN)

Signature of Guide

(Ms. RAJASHREE R S)

Signature of HOD

(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. K. Pramila Devi

2. Chandana V.S

Signature with date

Dr. K. Pramila Devi 21/1/25

Chandana V.S 21/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"ADAPTIVE LEARNING USING BRAIN COMPUTER INTERFACE"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ARPITHA VINOD -1NH21CS032

C SUJITHA -1NH21CS055

Under the guidance of
MS. M THANGA SUBHA DEVI
Sr. Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

DIKSHITHA D-1NH21AI027

MRUNAL R.K -1NH21AI060

Under the guidance of
MS. SANDYARANI VADLAMUDI
Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ADAPTIVE LEARNING USING BRAIN COMPUTER INTERFACE" is a bonafide work carried out by ARPITHA VINOD (1NH21CS032) AND C SUJITHA (1NH21CS055) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. M Thanga Subha Devi)

Signature of Guide

(Ms. Sandyarani Vadlamudi)

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. K. Parasuraman
2. Chandana VS

Signature with date

21/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

AI-DRIVEN REAL TIME TRANSLATION SYSTEM FOR INDIAN LANGUAGES

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

KALYAN RAM PALADUGU -1NH21AI042

VAMSI KRISHNA -1NH21AI061

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ARITRA ACHARYA -1NH21CS030

SUBHRANEEL MUKHOPADHYAY -1NH21CS240

Under the guidance of

Dr. Akshatha P S

Sr. Assistant Prof

Under the guidance of

Ms. Bandari Channaraya Priya

Assistant Prof

Academic Year: 2024-25



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 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **AI-Driven Real Time Translation System for Indian Languages** is a bonafide work carried out by **SUBHRANEEL MUKHOPADHYAY (1NH21CS240)** and **ARITRA ACHARYA (1NH21CS030)** 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 **2024-2025**. 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.


03/1/25

Signature of Guide
(Dr. Akshatha P S)


03/1/25

Signature of Guide
(Ms. Bandari Channaraya Priya)



Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. K. Pramilarani
2. Chandana VS

Signature with date


03/1/25

03/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"ADVENTURES OF THE PIXEL KNIGHT"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DARENA PEARL S A -1NH21CS063

AFIYA YOUSUF -1NH21CS012

Under the guidance of

Dr. PRAMILARANI K

Associate Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ARYAN B - 1NH21IS025

CHETHAN D - 1NH21IS043

Under the guidance of

Dr. SARAVANAN K

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ADVENTURES OF THE PIXEL KNIGHT" is a Bonafide work carried out by DARENA PEARL SA (1NH21CS063) and AFIYA YOUSUF (1NH21CS012) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. PRAMILARANI K)

for 2/1/25

Signature of Guide

(Dr. SARAVANAN K)

Signature of HOD

(Dr. Narayana Swamy Ramaiah)

SEE VIVA

Name of Examiner

1. Dr. K. Pramilarani

2. Chandana V S

Signature with date



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

Natural Disaster Prediction System

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

ASHUTOSH KUMAR SAH

1NH21CS037

RANJIT KUMAR BEHERA

1NH21CS195

Under the guidance of

Ms. SOJA RANI S

Sr. Assistant professor

BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING
BY

RAHUL JAUHARI

1NH21AI080

YASH TAWDE

1NH21AI122

Under the guidance of

Mr. RAMESH PRASAD

Sr. Assistant professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **Natural Disaster Prediction System** is a bonafide work carried out by **Ashutosh Kumar Sah (1NH21CS037)** and **Ranjit Kumar Behera(1NH21CS195)** 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 **2024-2025**. 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. SOJA RANI S

Signature of Guide

Mr. RAMESH PRASAD

Signature of HOD

Dr. B Rajalakshmi

SEE VIVA

Name of Examiner

1. Dr. K. Prasadani Lakshmi

2. Charadama V S

Signature with date

K. Prasadani Lakshmi

Charadama V S



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"THE INTELLIGENT TUTOR "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

ADITHYA S -1NH21CS007

B V SANJAY PATIL-1NH21CS042

Under the guidance of

Dr. Santosh Kumar B

Sr.Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE & MACHINE

LEARNING ENGINEERING

BY

RAKSHITH B S -1NH21AI081

SUHAAS M A REDDY -1NH21AI106

Under the guidance of

Dr. Sreejith S

Associate Professor

Academic Year: 2024-25



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 interdisciplinary project work entitled "THE INTELLIGENT TUTOR" is a bonafide work carried out by ADITHYA S(1NH21CS007) and B V SANJAY PATIL(1NH21CS042) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr.Santosh Kumar B)

Signature of Guide

(Dr.Sreejith S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. K. Pramila, laxari...

2. Chandana V-S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"EARTHQUAKE PREDICTION USING MACHINE LEARNING"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND
ENGINEERING

BY

ADITYA S -1NH21CS010

AMITH PAWAR -1NH21CS022

Under the guidance of

Ms. Subhashree Rath

Sr Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION
ENGINEERING

BY

VAIBHAV R NAIK -1NH21EC171

VIKRAM KAROOR -1NH21EC180

Under the guidance of

Dr. Gurulakshmi A B

Professor

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING

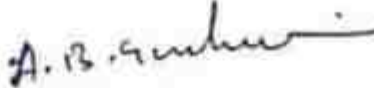
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "EARTHQUAKE PREDICTION USING MACHINE LEARNING" is a bonafide work carried out by ADITYA S (1NH21CS010) and AMITH PAWAR (1NH21CS022) 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 2024-2025. 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.


2/1/2025

Signature of Guide
(Ms. Subhashree Rath)




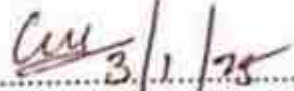
Signature of Guide
(Dr. Gurulakshmi A B)



Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner
1. Dr. K. Pramila Devi
2. Chandana V.S.

Signature with date

3/1/25

3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"INTERSECTION MANAGEMENT: ADAPTIVE OPTIMIZATION "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BALAJI SUNKU - 1NH21CS043

BHAVSAR NITYA JIGNESH - 1NH21CS047

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

PAWAN SAI SUNKARA - 1NH21IS111

VISHAL V - 1NH21IS182

Under the guidance of

Ms. ASHA RANI BORAH

Senior Assistant Professor

Under the guidance of

Ms. THAMARAI SELVI

Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INTERSECTION MANAGEMENT: ADAPTIVE OPTIMIZATION" is a bonafide work carried out by BALAJI SUNKU (1NH21CS043) and BHAVSAR NITYA JIGNESH (1NH21CS047) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Asha Rani Borah)

Signature of Guide

(Ms. Thamarai Selvi)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. K. Pramila Rani

2. Chandana V.S.

Signature with date

3/1/25

3/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"QUI-ZOOM"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

SHREYA NAYAK -1NH21CS223

SHREYAS G -1NH21CS224

Under the guidance of

Ms. Srividhya G

Sr. Assistant Professor

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
ENGINEERING
BY

Disha MS - 1NH21IS052

Likitha HM- 1NH21IS207

Under the guidance of

Mrs. Parvathy S

Sr. Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "QUI-ZOOM" is a bonafide work carried out by **SHREYA NAYAK (1NH21CS223)** and **SHREYAS G (1NH21CS224)** 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 **2024-2025**. 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. Srividhya G)

Signature of Guide

(Mrs. Parvathy S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. K. Pramikurani

2. Chandana V.S.

Signature with date

[Signature] 3/1/25

[Signature] 8/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**Re-Gen Advancing Regenerative Therapies for a Healthier
Future Innovative Solutions and Regenerative Medicine**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

D. Teja - 1NH21CS064

C. Pavan Kumar Reddy - 1NH21CS056

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE
AND ENGINEERING**

BY

D. Harsha Vardhan - 1NR21IS046

G. Gowri Pranay Reddy - 1NH21IS059

Under the guidance of

Ms. Chempavathy B

Senior Assistant Professor, Dept of
CSE

Under the guidance of

Mrs. Bibiana Jenifer J

Assistant Professor, Dept of ISE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **Re-Gen Advancing Regenerative Therapies for a Healthier Future Innovative Solutions and Regenerative Medicine** is a bonafide work carried out by **DASARI TEJA (1NH21CS064)** and **CHANDAMURI PAVAN KUMAR REDDY(1NH21CS056)** 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 **2024-2025**. 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. Chempavathy B)

Signature of Guide
(Mrs. Bibiana Jenifer J)

Signature of HOD
(Dr. Rajalakshmi B)

SEE VIVA

Name of Examiner

1. Dr. K. Pramilaxandi

2. Chandana V.S.

Signature with date

[Signature]

[Signature]



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“LINGUAFLOW: SEAMLESS TRANSLATION OF MULTILINGUAL INDIAN LANGUAGES “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

GAYATHRI RAMADURGUM -1NH21CS271

RITU PRIYA -1NH21CS198

SREEJITHA R-1NH21AI102

S REETHIKA PRIYA -1NH21AI091

Under the guidance of

Ms. Chitra C.

Sr. Assistant Professor

Under the guidance of

Dr. B. Meenakshi Sundaram

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "LINGUAFLOW: SEAMLESS TRANSLATION OF MULTILINGUAL INDIAN LANGUAGES" is a bonafide work carried out by RITU PRIYA (1NH21CS198) and GAYATHRI RAMADURGUM (1NH21CS271) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Chitra C.)

Signature of Guide

(Dr. B. Meenakshi Sundaram)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. K. Pramilarani
2. Chandana V. S.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“AutoNav: A Multifunctional Robot with Obstacle Avoidance,
Bluetooth and Voice Control Capabilities “**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND

ENGINEERING

BY

KIRAN V -1NH22CS407

RUDRAMUNI DORE SP -1NH22CS414

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

ROOPESH T B -1NH22IS410

U Shekar Rajeev -1NH22IS413

Under the guidance of

Ms. FLORANCE G

Senior Assistant Professor

Under the guidance of

Mrs. Divya K V

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CAutoNav: A Multifunctional Robot with Obstacle Avoidance, Bluetooth, and Voice Control Capabilities" is a bonafide work carried out by Kiran V (1NH22CS409) and Rudramuni Dore S P (1NH22CS414) 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 2024-2025. 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. Florance G)

for 

Signature of Guide
(Mrs. Divya K V)





Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. K. Pramila Ravi.....
2. Chandana V S.....

Signature with date


.....

.....



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Weather Forecasting at Micro Level "

Submitted in partial fulfillment for the award of the degree of

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

HEMANTH S V-1NH21IS063
SURAJ U -1NH21IS164

Under the guidance of
Mrs. PRIYA N
Sr Assistant Professor,
Dept. of ISE

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

VIGNESH NAIR-1NH21CS258
KHAGENDRAK -1NH21CS133

Under the guidance of
Mr.GELUVARAJ B
Associate Professor,
Dept. of CSE

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Weather Forecasting at Micro Level" is a bonafide work carried out by VIGNESH NAIR(1NH21CS258) and KHAGENDRA K(1NH21CS133) 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 2024-2025. 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

(Mrs. Priya N)

Signature of Guide

(Mr. Geluvara B)

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. K. Prami krami

2. Chandana V.S.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“WAKE WATCH”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

INDRESH M - 1NH21CS101

VIGNA SHANMUGAM P- 1NH21CS259

Under the guidance of

Ms. Lakshmi S Hanne

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

S HARSSHITHA- 1NH21IS128

RESHMA V GOWDA - 1NH21IS123

Under the guidance of

Ms. A. Shalini

Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "WAKE WATCH" is a bonafide work carried out by INDRESH M (1NH21CS101) and VIGNA SHANMUGAM P (1NH21CS259) 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 2024-2025. 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 C)

Signature of Guide

(Ms. A. Shalini)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. K. Pramila Devi.....

2. Chandana V. S.,.....

Signature with date

.....

.....



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

GESTURE CONTROLLED VIRTUAL MOUSE

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

PRAVEEN KUMAR S - 1NH21CS186

SHYAMVARDHAN ANKI REDDY - 1NH21CS230

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

JEEVAN BHARADHI L - 1NH21CE028

NISHANT JAYANTH BHAT - 1NH21CE040

Under the guidance of

Ms. ASHA RANI BORAH

Senior Assistant Professor

Under the guidance of

Ms. PRAMILA S

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **GESTURE CONTROLLED VIRTUAL MOUSE** is a bonafide work carried out by **PRAVEEN KUMAR S (1NH21CS186)** and **SHYAMVARDHAN ANKI REDDY (1NH21CS230)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Asha Rani Borah)

Signature of Guide
(Ms. Pramila S)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner
1. Dr. DSP
2. D.H.Vy.A.C.

Signature with date
SP 06/01/25
AD 04/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
LINGUALEADER

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DIKSHA S -1NH21CS073

JITHIN J NAIR -1NH21CS112

Under the guidance of

Ms. LAVANYA C

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ANKITA YANKANCHI -1NH21IS017

ARYAN GHAI -1NH21IS026

Under the guidance of

Ms. RAMA BANSIDHAR DAN

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **LINGUALEADER** is a bonafide work carried out by **DIKSHA S (1NH21CS073)** and **JITHIN J NAIR (1NH21CS112)** 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 **2024-2025**. 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.

c. Lavanya
28/12/24

Signature of Guide

(Ms. Lavanya C)

Rama
2012

Signature of Guide

(Ms. Rama Bansidhar Dan)

Ji

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. *Dr. Dhimanayan Patil*

2. *Mrs. DHNYA C*

Signature with date

Patil 06/01/25

DC
06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"IoT Induced Vertical Farming "**

Submitted in partial fulfilment for the award of the degree of

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

ARUN BALAJEE R G -1NH21CS033
CHIRANTH YADAV N -1NH21CS061

Under the guidance of
Dr. ASHOK K
Senior Associate Professor

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

AKHIL NAIK G -1NH21EC011
GAGAN P -1NH21EC057

Under the guidance of
Dr. JAYANTHI M
Senior Associate Professor

Academic Year: 2024-2025



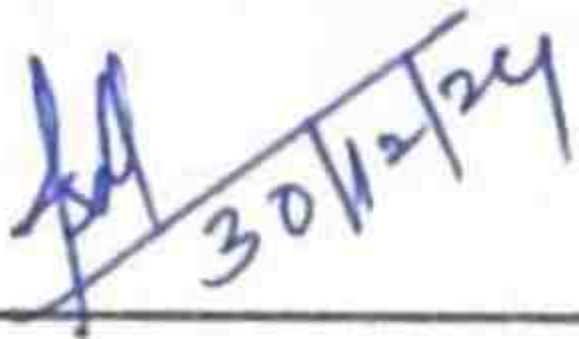
NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IOT INDUCED VERTICAL FARMING" is a Bonafede work carried out by CHIRANTH YADAV N (1NH21CS061) 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 2024-2025. 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.


30/12/24

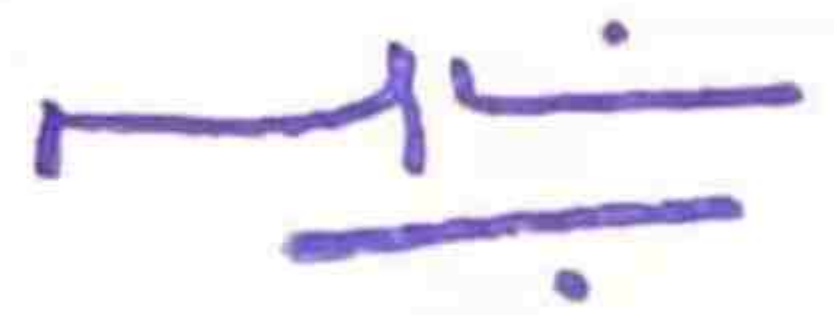
Signature of Guide

(Dr. ASHOK K)


30/12/24

Signature of Guide

(Dr. JAYANTHI M)



Signature of HOD

(HOD-CSE)

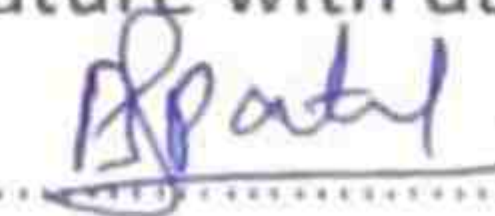
SEE VIVA

Name of Examiner

1. DR. Dhimanaya patel

2. Mrs. Dhivya. C

Signature with date

 06/01/25

 06/01/25



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A PROJECT WORK REPORT

ON

INTERDISCIPLINARY PROJECT TITLED

“CustomCure”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

R Harshavardhan Reddy -1NH21CS191

SAIYAD -1NH21CS211

Under the guidance of

Ms. Vernika Singh

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

Gowtham M-1NH21IS058

Jaswanth Chowdary-1NH21IS069

Under the guidance of

Mrs. Rama Dan

Senior assistant professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CustomCure" is a Bonafide work carried out by SAIYAD (1NH21CS211) and R Harshavardhan Reddy (1NH21CS191) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Vernika Singh)

Signature of Guide
(Mrs. Rama Dan)

Signature of HOD
(Dr Narayana Swamy Ramaiah)

SEE VIVA

Name of Examiner

1. Dr. DSP
2. DHIVYA G.

Signature with date



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"TRANSLATOR FOR INDIAN LANGUAGES"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MANISH.G -1NH21CS150

P.LAYA -1NH21CS171

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

BHAVANA.C -1NH21IS038

MITHUN.N -1NH21IS093

Under the guidance of

Ms. BANDARI CHANNARAYA PRIYA

Assistant Professor

Under the guidance of

Ms. THAMARAI SELVI

Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TRANSLATOR FOR INDIAN LANGUAGES" is a bonafide work carried out by MANISH.G(1NH21CS150) and P.LAYA (1NH21CS171) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. BANDARI CHANNARAYA
PRIYA)

Signature of Guide

(Ms. THAMARAI SELVI)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

Signature with date

1. Dr. R.V.R.

06/01/25

2. Dhivy A. C.

06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

New Horizon Knowledge Park, Ring Road, Marathalli
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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
“Massive Online Open Courseware “
INTERDISCIPLINARY TEAM NUMBER - 87**

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

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

Pokala Priyanka -INH21CS179

Meghana M -INH21IS092

**Prathima Chinthalapalli Patta -
INH21CS184**

S Varshini- INH21IS129

Under the guidance of

**Ms. Kavitha U
Assistant Professor**

Under the guidance of

**Mrs. J Karthiyayini
Assistant Professor**

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Massive Online Open Courseware" is a bonafide work carried out by Pokala Priyanka (1NH21CS179) and Prathima Chinthalapalli Patta (1NH21CS184) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
Ms. Kavitha U

Signature of Guide
Mrs. J Karthiyayini

Signature of AOD
Dr. B Rajalakshmi

SEE VIVA

- Name of Examiner
1. Dr. Dhimanaya Patal
 2. Mrs. DHIVYA.C

Signature with date



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A PROJECT WORK REPORT ON INTERDISCIPLINARY PROJECT TITLED

“Desktop Bot “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

MANISH PAUL -1NH21CS152

SAHIL KUMAR AGRAWAL-1NH21CS206

BACHELOR OF ENGINEERING

IN

**INFORMATION SCIENCE AND
ENGINEERING**

BY

AASTHA BHARDWAJ -1NH21IS001

ABHINAV KUMAR - 1NH21IS003

Under the guidance of

Dr. M. Dhanalakshmi
Professor

Under the guidance of

Dr. Sivaramakrishnan
Assistant Professor

Academic Year: 2024-25



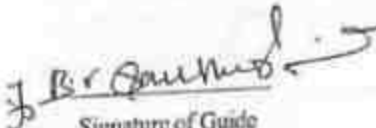
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Desktop Bot" is a bonafide work carried out by **MANISH PAUL (INH21CS152)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide
(Dr. M. Dhanalakshmi)


Signature of Guide
(Dr. Sivaramakrishnan)


Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner
1. Dr. Bep
2. DHIVYA. C.

Signature with date
Bep 06/01/25
DHIVYA. C. 06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT ON

INTERDISCIPLINARY PROJECT TITLED

“BHASHA LINK “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABHAY ANANTHA -1NH21CS002

ACHUTA KAVYA - 1NH21CS281

Under the guidance of

Ms. Parismita Goswami

Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

SATPUTE ARSHITA -1NH21CE054

ISHIKA JAISWAL-1NH21CE067

Under the guidance of

Mr. RAHUL B

Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BHASHA LINK" is a Bonafide work carried out by **ABHAY ANANTHA (1NH21CS002)** and **ACHUTA KAVYA (1NH21CS81)** 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 **2024-2025**. 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.



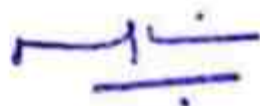
Signature of Guide

Ms. Parismita Goswami



Signature of Guide

Mr. Rahul B



Signature of HOD

Dr. B Rajalakshmi

SEE VIVA

Name of Examiner

1. 

2. 

Signature with date







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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“SMILES4HEALTH “

Submitted in partial fulfillment for the award of the degree of

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

B M SAIKRISHNA -1NH21CS282
DEEPIKA SINGH N -1NH21CS068

Under the guidance of
Dr. M. Dhanalakshmi
Professor

**BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY**

SAAISH B -1NH21CE052
SHASHANK N -1NH21CE056

Under the guidance of
Ms. Roja. R
Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the Interdisciplinary project work entitled "SMILES4HEALTH" is a bonafide work carried out by **B M SAIKRISHNA (1NH21CS282)** and **DEEPIKA SINGH N (1NH21CS068)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. M. Dhanalakshmi)

Signature of Guide
(Ms. Roja.R)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. RRP

2. DHIVYA.C

Signature with date

RP 06/01/25

DP 06/01/25



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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“FETAL AND MATERNAL HEALTH MONITORING SYSTEM “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BHIMANAGOUDA PATIL -1NH21CS048

KASIS ALI KHAN -1NH21CS126

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

RITA SHALINI RAJ K -1NH21AI087

S VINAY KUMAR -1NH21AI092

Under the guidance of

**Dr. Nirmala M
Professor, CSE**

Under the guidance of

**Ms. Supriya B Rao
Senior Assistant Professor, AIML**

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FETAL AND MATERNAL HEALTH MONITORING SYSTEM" is a bonafide work carried out by BHIMANAGOUDA PATIL (1NH21CS058) and KASIS ALI KHAN(1NH21CS126) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Nirmala M)

Signature of Guide
(Ms. Supriya B Rao)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner

1. DR. BSR

2. DHIVYA.C

Signature with date

AB 08/10/25

AB 08/10/25



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"MEDICAL ASSISTANCE CHATBOT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

Y Sai Akshitha -1NH21CS264
Pochimireddy Geethika -1NH21CS279

Under the guidance of
Dr. Santhosh Krishna BV
Associate professor

BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS ENGINEERING
BY

P Indra Reddy -1NH21EE074
RK Pooja -1NH21EE089

Under the guidance of
Mr. Sunil SK
Sr. Assistant Professor

Academic Year: 2024-25

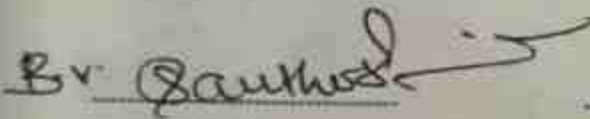


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MEDICAL ASSISTANCE CHATBOT " is a bonafide work carried out by Y Sai Akshitha (1NH21CS264) and Pochimireddy Geethika (1NH21CS279) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide

(Dr. Santhosh Krishna BV)



Signature of Guide

(Mr. Sunil sk)



Signature of HOD

(Dr Narayana Swamy)

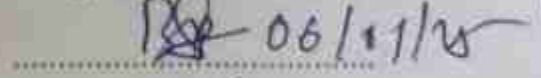
SEE VIVA

Name of Examiner

1. 

2. 

Signature with date







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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"SIGN LANGUAGE TRANSLATION"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SOHAM MONDAL -1NH21CS235

VANSH VIDYARTHY -1NH21CS256

Under the guidance of

Ms. Asha Rani Borah

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

ADNAN AADIL BURHAN -1NH21CE005

NAMAN SINGHAL -1NH21CE038

Under the guidance of

Ms. Pramila S

Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Sign Language Translation" is a bonafide work carried out by SOHAM MONDAL (1NH21CS235) and VANSH VIDYARTHY (1NH21CS256) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Asha Rani Borah)

Signature of Guide

(Ms. Pramila S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1..... Dr. Bep

2..... DHINYA..C

Signature with date

..... [Signature] 26/01/25

..... [Signature] 26/01/25



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A PROJECT WORK REPORT ON INTERDISCIPLINARY PROJECT TITLED

“SMART HEALTH MONITORING SYSTEM USING LLM”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

JOHN JOSEPH R-19021CS0114

KAMINI SAI SREJA R-19021CS120

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

FRANALTS-19021A078

GOWTHAM M N-19021A086

Under the guidance of

Ms. DEEPTHI JHA

Assistant Professor

Under the guidance of

Dr. SREEJITH S

Associate Professor

Academic Year: 2024-25



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 interdisciplinary project work entitled "SMART HEALTH MONITORING SYSTEM USING LLM" is a bonafide work carried out by JOHN JOSEPH R (1NH21CS114) and KAMINI SAI SRIKAR (1NH21CS120) 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 2024-2025. 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. DEEPTHI JHA)

Signature of Guide

(Dr. SREEJITH S)

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. Deep

2. DHIVYA C

Signature with date

[Signature] 06/01/25

[Signature] 06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“Intelligent Surveillance System with Real-time monitoring and
AI-enabled forensic search for videos “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KHUSHI PANDEY -1NH21CS134

LEAH RICHA ABY -1NH21CS143

Under the guidance of
Ms. M THANGA SUBHA DEVI
Sr. Assistant Professor, Dept. of CSE

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

KRUTHI S B - 1NH21AI047

NITISHA PATIL- 1NH21AI071

Under the guidance of
Dr. SREEJITH S
Associate Professor, Dept. Of AIML

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Intelligent Surveillance System with Real-time monitoring and AI-enabled forensic search for videos" is a bonafide work carried out by KHUSHI PANDEY (1NH21CS134) and LEAH RICHA ABY (1NH21CS143) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. M THANGA SUBHA DEVI)

Signature of Guide

(Dr. SREEJITH S)

Signature of HOD

(HOD-CSE 1)

SEE VIVA

Name of Examiner

1. Pr. Bhp

2. DHIVYA. C

Signature with date



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“MEDICONNECT: REVOLUTIONZING HEALTHCARE
MANAGEMENT FOR A BETTER FUTURE “**

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

B SURYA PRAKASH - 1NH21CS041

ADITHYA PRAVEEN NAIR - 1NH21CS006

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

BY

MITRANI PAUL - 1NH21AI054

NABIL KHAN - 1NH21AI136

Under the guidance of

Dr. G. Vijayasekaran

Associate Professor

Under the guidance of

Ms. Supriya B Rao

Senior Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "**MEDICONNECT: REVOLUTIONIZING HEALTHCARE MANAGEMENT FOR A BETTER FUTURE**" is a bonafide work carried out by **B SURYA PRAKASH (1NH21CS041)** and **ADITHYA PRAVEEN NAIR (1NH21CS006)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. G. Vijayasekaran)

Signature of Guide
(Ms. Supriya B Rao)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1.

2.

Signature with date

.....

.....



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**"CREATING AN ADAPTIVE ROBOT FOR PERSONALIZED HEALTH
MONITORING AND ASSISTANCES"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SAI PRANATHI T -1NH21CS207

SAI RISHITHA AMBATI -1NH21CS209

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

GNANESH H NAYAK -1NH21EC059

SIDDESHWAR S KODE -1NH21EC149

Under the guidance of

Dr. J MARUTHU PANDI

Associate Professor

Under the guidance of

Dr. P SUDHAKIRAN

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Creating an Adaptive Robot for Personalized Health Monitoring and Assistances" is a bonafide work carried out by SAI PRANATHI T (1NH21CS207) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. J Maruthu Pandi)

Signature of Guide

(Dr. P Sudhakiran)

Signature of HOD

(Dr. Narayana Swamy)

SEE VIVA

Name of Examiner

1. Dr. B. S. P.

2. DHIVYA. C.

Signature with date

[Signature] 06/11/25

[Signature] 06/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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

“IoT Embedded Intelligent Waste Monitoring System “

Submitted in partial fulfillment for the award of the degree of

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

ARUNA M - 1NH22CS402

KAVITHA G - 1NH22CS406

Under the guidance of

Dr. Santosh Kumar B

Sr Assistant Professor

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

PUNITH K N - 1NH21EE088

RIDDHI B N - 1NH21EE096

Under the guidance of

Ms. Sangeetha C N

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IoT Embedded Intelligent Waste Monitoring System" is a Bonafide work carried out by ARUNA_M(1NH22CS402) and KAVITHA_G(1NH22CS406) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Santosh Kumar B)

Signature of Guide
(Ms. Sangeetha C N)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. B. V. R.

2. DHIVYA. C.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**"ENHANCED LUMBAR DISEASE CLASSIFICATION THROUGH
HYBRID DEEP LEARNING METHODS "**

Submitted in partial fulfillment for the award of the degree of

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

ABID SAJJAD KUMNALI-1NH22CS401
MANJUNATH KOPPAD-1NH22CS411

Under the guidance of

**Dr. NIRMALA M
PROFESSOR**

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

AKIB H BADIWALE-1NH22IS400
VINAYAK KAMBLE-1NH22IS416

Under the guidance of

**Ms. PRIYA N
SENIOR ASSISTANT PROFESSOR**

Academic Year: 2024-25





NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ENHANCED LUMBAR DISEASE CLASSIFICATION THROUGH HYBRID DEEP LEARNING METHODS" is a bonafide work carried out by ABID SAJJAD KUMNALI (1NH22CS401) and MANJUNATH KOPPAD (1NH22CS411) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. NIRMALA M)

Signature of Guide

(Ms. PRIYA N)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Bhp

2. DHIVYA C

Signature with date

[Signature] 06/01/25

[Signature] 06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"BRAIN TUMOR DETECTION AND SEGMENTATION
USING U-NET ALGORITHM "

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

PEDDAMALLU THRINAYNI -1NH21CS177
NAYAKULA MOUNIKA -1NH21CS163

Under the guidance of
Dr. Pramilarani K (CSE)
Sr. Associate Professor

BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING
BY

GUTTA GEETHIKA-1NH21AI038
RAGHAVI D KUMAR -1NH21AI079

Under the guidance of
Prof. Akshatha P S(AIML)
Associate Professor

Academic Year: 2024-25

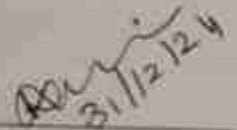


NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BRAIN TUMOR DETECTION AND SEGMENTATION USING U-NET ALGORITHM" is a bonafide work carried out by PEDDAMALLU THRINAYANI(1NH21CS177) and NAYAKULA MOUNIKA(1NH21CS163) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


31/12/24

Signature of Guide
(Dr. Pramilarani K)


02/01/25

Signature of Guide
(Prof. Akshatha P S)



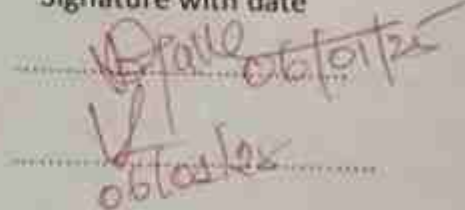
Signature of HOD
(Dr. Narayana Swamy Ramaiah)

SEE VIVA

Name of Examiner

1. Dr. D. Raju Ramani
2. Dr. Vishruth B G

Signature with date


06/01/25


06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"MOTION DETECTING SECURITY CAMERA"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

AKASH PRAVEEN NAIR -1NH21CS018

ANAND SRINIVAS CHERUVU -1NH21CS024

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

S V HARSHITHA – 1NH21EC133

DIKSHITHA N R – 1NH21EC047

Under the guidance of

Mrs. Florance G

Senior Assistant Professor

Under the guidance of

Mrs. Ishani Mishra

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MOTION DETECTION SECURITY CAMERA" is a bonafide work carried out by **AKASH PRAVEEN NAIR (1NH21CS018)** and **ANAND SRINIVAS CHERUVU (1NH21CS024)**, 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 **2024-2025**. 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
(Mrs. Florance G)

Signature of Guide
(Dr. Ishani Mishra)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. D. Raja Permani
2. Dr. Vishvath. B. G.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“TRAVEL MANAGEMENT SYSTEM “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

B RAHUL -1NH21CS040
YASHASWI K-1NH21CS267

Under the guidance of

Mr. Geluvaraj B
Assistant Professor

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

VAISHNAVI A S -1NH21IS172
VAISHNAVI REDDY -1NH21IS173

Under the guidance of

Mrs. Jenita Subash
Assistant Professor

Academic Year: 2024-25

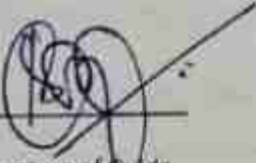


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Accredited by NAAC with 'A' Grade, Accredited by NBA

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TRAVEL MANAGEMENT SYSTEM" is a bonafide work carried out by B RAHUL (1NH21CS040) and YASHASWI K (1NH21CS267) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

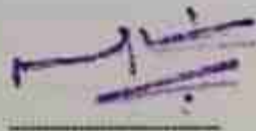

Signature of Guide

(Mr. Geluvaraj B)



Signature of Guide

(Mrs. Jenita Subash)



Signature of HOD

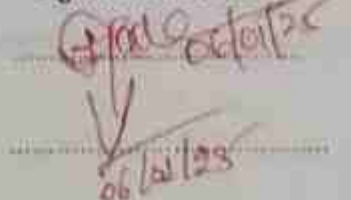
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. D. Raja Ramana
2. Dr. Vishwath B. G.

Signature with date


06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“BLOCKCHAIN-BASED VOTING SYSTEM “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MALVIKA RAJEEV KAPPADAN -1NH21CS148

NIRMAL NARAYAN K -1NH21CS168

Under the guidance of

Mr. GELUVARAJ B

Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

ASHISH B DAS -1NH21AI138

MOHAMMED AYAAN -1NH21AI139

Under the guidance of

Dr. UMAMAHESWARAN S

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BLOCKCHAIN BASED VOTING SYSTEM" is a bonafide work carried out by MALVIKA RAJEEV KAPPADAN (1NH21CS148) and NIRMAL NARAYAN K (1NH21CS168) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Mr. GELUVARAJ B)

Signature of Guide

(Dr. UMAMAHESWARAN S)

Signature of HOD

(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. D. Rosh Permani
2. Dr. Vishruth B.G

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

Earthquake Prediction and Alerting System Using Machine Learning and Raspberry Pi

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

KARISHMA PALEKAR -1NH22CS405
MOHAN KUMAR S -1NH22CS412

Under the guidance of
Ms. Yogitha
Senior Assistant Professor

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY

LIKHITH KUMAR N - 1NH22EC405
SANTHOSH -1NH22EC411

Under the guidance of
Dr. Monika Gupta
Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **Earthquake Prediction and Alerting System Using Machine Learning and Raspberry Pi** is a bonafide work carried out by **KARISHMA PALEKAR (1NH22CS405)** and **MOHAN KUMAR S (1NH22CS412)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. Yogitha)

Signature of Guide
(Dr. Monika Gupta)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1.

Dr. D. Raja Ramani

2.

Dr. Vishwatha Ravi

Signature with date

Dr. D. Raja Ramani 06/01/25

Dr. Vishwatha Ravi 06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"CONVEYOROPTICS: CONVEYOR BELT SORTING MECHANISM "

Submitted in partial fulfillment for the award of the degree of

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

SAMIKSHA PRASAD -1NH21CS212

DEVADATH K V -1NH21CS070

Under the guidance of

Ms. BHAVYA R
Sr. Assistant Professor

**BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING
BY**

MOHAMMED RASHID -1NH21ME046

DEVSEN SANIL – 1NH21ME016

Under the guidance of

Mr. RAGHU TILAK REDDY
Sr. Assistant Professor

Academic Year: 2024-25




NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ConveyorOptics: Conveyor Belt Sorting Mechanism" is a bonafide work carried out by SAMIKSHA PRASAD (1NH21CS212) and DEVADATH KV (1NH21CS070) 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 2024-2025. 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.

 30/12/2024

Signature of Guide
(Ms. Bhavya R)





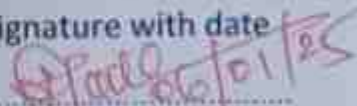
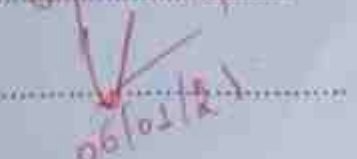
Signature of Guide
(Mr. Raghu Tilak Reddy)



Signature of HOD
(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner
1. 
2. 

Signature with date





NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"INSTANT PORTABLE WATER QUALITY TESTER"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

G SHASHI KUMAR REDDY -1NH21CS274

V JAGADEESH REDDY -1NH21CS254

Under the guidance of

Ms. SENTHIL ANANDHI A

Sr. Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

Y BHARATH KUMAR -1NH21IS191

P DIVAKARA VENKATA SAI NATH -1NH21IS205

Under the guidance of

Ms. JENITA S

Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INSTANT PORTABLE WATER QUALITY TESTER" is a bonafide work carried out by G SHASHI KUMAR REDDY (1NH21CS274) and V JAGADEESH REDDY (1NH21CS254) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. SENTHIL ANANDHI A)

Signature of Guide

(Ms. JENITA S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. D. Raja Ramani

2. Dr. Vishvath B G

Signature with date

06/03/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
LINGUALEADER

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DIKSHA S -1NH21CS073

JITHIN J NAIR -1NH21CS112

Under the guidance of

Ms. LAVANYA C

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ANKITA YANKANCHI -1NH21IS017

ARYAN GHAI -1NH21IS026

Under the guidance of

Ms. RAMA BANSIDHAR DAN

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **LINGUALEADER** is a bonafide work carried out by **DIKSHA S (1NH21CS073)** and **JITHIN J NAIR (1NH21CS112)** 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 **2024-2025**. 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.

c. Lavanya
28/12/24

Signature of Guide

(Ms. Lavanya C)

Rama
2012

Signature of Guide

(Ms. Rama Bansidhar Dan)

Ji

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Dhimanayan Patil

2. Mrs. DHNYA C

Signature with date

Patil 06/01/25

LD
06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"HERBI SENSE"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BHOOMIKA H-1NH21CS049

BINDU S M -1NH21CS051

Under the guidance of

Dr.J Maruthu Pandi

Associate Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

V HARISH KUMAR -1NH21AI113

V VISHNU CHARAN -1NH21AI115

Under the guidance of

Dr.Jimsha K Mathew

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "HERBI SENSE" is a bonafide work carried out by BHODMIKA H (1NH21CS049) and BINDU S M (1NH21CS051) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. J. Maruthu Pandi)

Signature of Guide

(Dr. Jimsha K Mathew)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. D. Raju Rama
2. Dr. Vishnu B-G

Signature with date

06/08/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**ExamGuard: AI-Powered Digital Identity Authentication for
remote examination**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING
BY

Bhumika P M -1NH21CS050

C Githamrutha Varshini -1NH21CS054

Under the guidance of
Ms. Nayana N Kumar
Assistant Professor, CSE

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

Khushi M -1NH21IS197

Sree Snigdha T -1NH21IS156

Under the guidance of
Mrs. Shubhi Srivastava
Assistant Professor, ISE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ExamGuard: AI-Powered Digital Identity Authentication for remote examination" is a bonafide work carried out by Bhumika P M (1NH21CS050) and C Githamrutha Varshini (1NH21CS054) 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 2024-2025. 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 Guide

Mrs. Shubhi Srivastava

Signature of HOD

Dr. Rajalakshmi B

SEE VIVA

Name of Examiner

1. Dr. D. Raja Kumari
2. Dr. Vishvath B. G.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“SMART AGRICULTURE USING IOT AND AI “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RAJU-INH22CS413

SATISH-INH22CS415

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

SACHIN L -INH22EC410

SUSIMATHA R-INH22EC414

Under the guidance of

Ms. PARISMITA GOSWAMI

Assistant Professor

Under the guidance of

Ms. RAMANAMMA PAREPALLI

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Smart agriculture using IoT and AI" is a bonafide work carried out by RAJU(1NH22CS413) and SATISH (1NH22CS415) 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 2024-2025. 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. PARISMITA Goswami
Assistance professor
Department. Of CSE
NHCE, Bengaluru

Signature of Guide
Mr. RAMANAMMA PAREPALLI
Senior Assistance professor
Department. Of ECE
NHCE, Bengaluru

Signature of HOD
Dr. B. Rajalakshmi
HOD & professor
Department. Of CSE
NHCE, Bengaluru

SEE VIVA

Name of Examiner

1. Dr. P. Raja Rama
2. Dr. Vichayuth B. Gp

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“MULTIPLE DISORDER PREDICTION USING ENSEMBLE MODELS “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KANISHK SANADI -1NH21CS124

KEERTHANA R -1NH21CS130

Under the guidance of

Dr. Pramilarani K(CSE)

Associate Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

MADHUSHREE ONTAGODI -1NH21IS087

P TEJASWINI REDDY -1NH21IS106

Under the guidance of

Dr. Sivaramkrishnan S(ISE)

Associate Professor

Academic Year: 2024-25



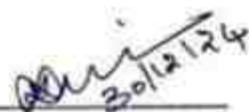
NEW HORIZON COLLEGE OF ENGINEERING

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

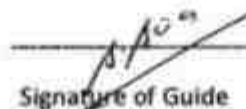
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

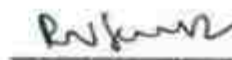
It is hereby certified that the interdisciplinary project work entitled "MULTIPLE DISORDER PREDICTION USING ENSEMBEL MODELS" is a bonafide work carried out by KANISHK SANADI(1NH21CS124) and KEERTHANA R(1NH21CS130) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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.


30/12/24

Signature of Guide
(Dr. Pramilarani K)



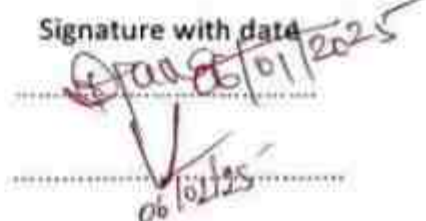
Signature of Guide
(Dr. Sivaramkrishnan S)



Signature of HOD
(Dr. Narayana Swamy Ramaiah)

SEE VIVA

- Name of Examiner.
1. Dr. D. Raja Ramani
 2. Dr. Vishvath B. G.

Signature with date

06/01/2025



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“BREAKING LANGUAGE BARRIERS”

Submitted in partial fulfillment for the award of the degree of

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

**EIKSHIT SINGHAL - 1NH21CS078
HRITIK KAUSHIK - 1NH21CS099**

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

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

**DHARMIK BADARSHAHI - 1NH21IS049
NIKHIL BHATT - 1NH21IS100**

Under the guidance of
Dr. VANDANA C P
Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BREAKING LANGUAGE BARRIERS" is a bonafide work carried out by Eikshit Singhal (1NH21CS078) & Hritik Kaushik (1NH21CS099) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Asha Rani Borah)

Signature of Guide

(Dr. Vandana C P)

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. P. Poo Paman
2. Dr. Visnuth P. S.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

"MY SKIN "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ISHIKA DAYAL -1NH21CS103

MANISHA GUPTA -1NH21CS153

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

DEEPAK N C -1NH21IS048

Under the guidance of

Ms. SOJA RANI

Sr. Assistant Professor, CSE, NHCE

Under the guidance of

Dr. S. SIVA RAMAKRISNAN

Assistant Professor, ISE, NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MY-SKIN" is a bonafide work carried out by ISHIKA DAYAL(1NH21CS103) and MANISHA GUPTA(1NH21CS153) 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 **2024-2025**. 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. Soja Rani

Signature of Guide

Dr. S. Siva ramakrisnan

Signature of HOD

HOD-CSE

SEE VIVA

Name of Examiner

1. Dr. D. Prasad Ramani

2. Dr. Mahesh Babu

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

HATE SPEECH DETECTION SYSTEM USING MACHINE LEARNING

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

AISHWARYA N -1NH21CS013

SRIDEVI G -1NH22CS417

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

MOHAN BABU M -1NH21IS211

SHREERANGA B -1NH22IS412

Under the guidance of

Ms. SUBHASHREE RATH

Senior Assistant Professor

Under the guidance of

Ms. SHALINI A

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **Hate Speech Detection System Using Machine Learning** is a bonafide work carried out by **AISHWARYA N (1NH21CS013)** and **SRIDEVI G (1NH22CS417)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. SUBHASHREE RATH)

Signature of Guide

(Ms. SHALINI A)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner
1. Dr. D. Jagan Prasad

2. Dr. Vishwanth B. G.

Signature with date
[Signature] 06/01/25
[Signature] 06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“BhashaConnect- REAL TIME TRANSLATION OF INDIAN LANGUAGES “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

RENUKA RIMAL -1NH21CS196

UMME IMAN S -1NH21CS252

Under the guidance of

Ms. Yogitha

Senior Assistant Professor

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

ANTONNETE NIKITA M -1NH21IS019

CHARISHMA.T. R -1NH21IS041

Under the guidance of

Dr. Rajlakshmi Ghatkamble

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "BhashaConnect- REAL TIME TRANSLATION OF INDIAN LANGUAGES" is a bonafide work carried out by RENUKA RIMAL (1NH21CS196) and UMME IMAN S (1NH21CS252) 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 2024-2025. 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. Yogitha)

Signature of Guide

(Dr. Rajlakshmi Ghatkamble)

Signature of HOD

(Dr. Narayana Swamy Ramaiah)

SEE VIVA

Name of Examiner

1. Dr. D. Raja Ramani
2. Dr. Vishnu B. H.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“FACETRACE : CNN DRIVEN ATTENDANCE “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RACHIETAA RAMESH RAO -1NH21CS193

S VAISHNAVI -1NH21CS203

Under the guidance of

Mr. BHASKAR S V

Sr. Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

TRUPTHI S ANAND -1NH21IS170

VARSHA K -1NH21IS174

Under the guidance of

Ms. J KARTHIYAYINI

Sr. Assistant Professor

Academic Year: 2024-25



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 interdisciplinary project work entitled "FACETRACE: CNN DRIVEN ATTENDANCE" is a bonafide work carried out by RACHIETAA RAMESH RAO (1NH21CS193) and S VAISHNAVI (1NH21CS203) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Mr. BHASKAR S V)

Signature of Guide

(Ms. J KARTHIYAYINI)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. P. Ramesh Raman

2. Dr. Vishruth B.G

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED:

Multi-Modal ISL-Speech: A Real-Time Neural Architecture for Indian Sign Language Translation to Regional Languages

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ROHIT KARMAKAR -1NH21CS200

SIDHU I S -1NH21CS232

Under the guidance of

Mrs. Chempavathy B

Sr. Asst. Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

NISHANTH V - 1NH21AI069

P SUMANTHRAJ - 1NH21AI073

Under the guidance of

Prof. Shyam Dev R S

Sr. Asst. Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **Multi-Modal ISL-Speech: A Real-Time Neural Architecture for Indian Sign Language Translation to Regional Languages** is a bonafide work carried out by **ROHIT KARMAKAR (1NH21CS200)** and **SIDHU I S (1NH21CS232)** 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 **2024-2025**. 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

(Mrs. Chempavathy B)

Signature of Guide

(Prof. Shyam Dev R S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. P. P. Rama

2. Dr. V. S. R. S.

Signature with date

Dr. P. P. Rama

Dr. V. S. R. S.



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

" POLYGLOT BHARAT "

Submitted in partial fulfillment for the award of the degree of

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

**SHREYA BOSE -1NH21CS221
SONA AMRUTHA -1NH21CS237**

Under the guidance of
Ms. Chitra C
Senior Assistant Professor

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

**AD. POOJITHA -1NH21IS015
UDAYAGIRI SHUBHA SREE -1NH21IS171**

Under the guidance of
Mrs. Krishnaveni A
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "POLYGLOT BHARAT" is a bonafide work carried out by SHREYA BOSE (1NH21CS221) and SONA AMRUTHA (1NH21CS237) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Chitra C)

Signature of Guide
(Mrs. Krishnaveni A)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B.
2. Dr. Ramaiah Babu J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“AI-Powered Attendance Tracking System”

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ARAVIND VADAVALI (1NH22CE400)

SUBRAMANYA M S (1NH22CE407)

BASAVARAJ C S (1NH21CS044)

SUHAS H J (1NH22CS419)

Under the guidance of

Prof. Chandan Raj B.R

Senior Assistant Professor

**Dept. Of Computer Science & Engineering
New Horizon College of Engineering
Bengaluru India**

Under the guidance of

Prof. Florance G

Senior Assistant Professor

**Dept. Of Computer Science and Engineering
New Horizon College of Engineering
Bengaluru India**

Academic Year: 2024-25



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 ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-Powered Attendance Tracking System" is a Bonafide work carried out by Suhas H J(1NH22CS419) and Basavaraaj C S (1NH21CS044) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
(Prof. Florance G)

Signature of Guide
(Prof. Chandan Raj B.R)

Signature of HOD
(HOD CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B

2. Dr. Ramya Bhat J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Auto-Eval"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

VINITH RAJU ML -1NH21CS146

G POOJA SRI -1NH21CS081

Under the guidance of

Mrs. Nayana N Kumar

Assistant Professor, Department of CSE

BACHELOR OF ENGINEERING

IN

AIML

BY

AATREY KIRAN -1NH21AI001

ADETH RAJU -1NH21AI007

Under the guidance of

Mr. B. Meenakshi Sundaram

Professor, Department of AIML

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Auto-Eval" is a Bonafide work carried out VINITH RAJU ML (1NH21CS146) and G POOJA SRI (1NH21CS081) 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 2024-2025. 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

(Mrs. Nayana N Kumar)

Signature of Guide

(Mr. B. Meenakshi Sundaram)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B

2. Dr. Ramesh Babu J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"INTELLI-ASSESS"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

HEMITHA K J-1NH21CS098

IRENE TRINICIA N-1NH21CS102

Under the guidance of

Mr. GELUVARAJ B

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SHRIYA N M-1NH21IS149

SUHASINI R GOTA-1NH21IS162

Under the guidance of

Dr. KALAIVANI D

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INTELLI-ASSESS" is a bonafide work carried out by HEMITHA K J (1NH21CS098) and IRENE TRINICIA N (1NH21CS102) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. GELUVARAJ B)

Signature of Guide
(Dr. KALAIVANI D)

Signature of HOD
(Dr. B RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B

2. Dr. Ramya S. S. I

Signature with date



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

PLANT DISEASE DETECTION USING MACHINE LEARNING

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SUSHMITA RADHAKRISHNA NAIK -

1NH22CS420

VISHAL E R -1NH22CS422

Under the guidance of

Ms. LAKSHMI S HANNE

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

E C SAI KIRAN -1NH22IS404

SANASAM BIRJIT SINGH-1NH21IS209

Under the guidance of

Ms. SHALINI A

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PLANT DISEASE DETECTION USING MACHINE LEARNING" is a bonafide work carried out by SUSHMITA RADHAKRISHNA NAIK (1NH22CS420) and VISHAL E R (1NH22CS422) 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 2024-2025. 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 Guide

(Ms. SHALINI A)

Signature of HOD

(Dr. NARAYANA SWAMY
RAMAIAH)

SEE VIVA

Name of Examiner

1. ... Dr. Santosh Kumar B

2. Dr. Ramesh Babu J

Signature with date

6/1/25

6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

"Bone Fracture Detection Using CNN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ADITYA KHAJURIA -1NH21CS008

HAMAAD IFTIKHAR -1NH21CS090

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

FAHIM UMAR -1NH21CE015

FARAZ AHMAD NAIK -1NH21CE016

Under the guidance of

Ms. BHAVYA R

Sr. Assistant Professor

Under the guidance of

Ms. MEHDA B

Sr. Assistant Professor

Academic Year: 2024-25



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 interdisciplinary project work entitled "BONE FRACTURE DETECTION USING CNN" is a bonafide work carried out by HAMAAD IFTIKHAR (1NH21CS090) AND ADITYA KHAJURIA (1NH21CS008) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. BHAVYA R)

Signature of Guide
(Ms. MEHDA B)

Signature of HOD
(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B
2. Dr. Ramu Bhat J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Development of Queueasy”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

AINA H S -1NH21CS016

ASHWINI K MANASHIVANGI -1NH21CS038

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

BY

ABHISHEK KUMBAR -1NH21ME002

SPANDANA SANJAY HADAGINAL 1NH21ME072

Under the guidance of

Ms. M Thanga Subha Devi

Sr. Assistant Professor

Under the guidance of

Mrs. Smitha B S

Sr. Assistant Professor

Academic Year: 2024-25





NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Development of Queueasy" is a bonafide work carried out by AJNA H 5(1NH21C5016) and ASHWINI K MANASHIVANGI(1NH21C5038) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. M Thanga Subha Devi)

Signature of Guide

(Mrs. Smitha B S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B

2. Dr. Ramesh Babu S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"QUIZWIZ"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

DHANUSH V - 1NH21CS071

DINAKAR - 1NH21CS074

Under the guidance of

Ms. Lavanya C

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ANISH RAJ GOPAL RAI - 1NH21IS016

PAVAN KUMAR P - 1NH21IS108

Under the guidance of

Dr. R J Anandhi

Professor and Dean-Academics

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "QUIZWIZ" is a bonafide work carried out by **DHANUSH V (1NH21CS071)** and **DINAKAR (1NH21CS074)** 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 **2024-2025**. 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.

C. Lavanya
26/12/24

Signature of Guide

(Ms. Lavanya C)

Anandhi
26/12/24

Signature of Guide

(Dr. R J Anandhi)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

Signature with date

1. *Dr. Santosh Kumar B*

[Signature]

2. *Dr. Ramesh Babu J*

[Signature]
6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

Deep Learning Based Fire Detection and Dynamic Evacuation System

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

GANESH DAGADI -1NH21CS087

HARSHAVARDHAN M -1NH21CS093

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING

BY

S PREETHAM -1NH21AI090

NIPUN GOYAL -1NH21AI068

Under the guidance of

Dr. D. ROJA RAMANI

Associate Professor, Dept. of Computer Science
and Engineering.

Under the guidance of

Ms. SANDYARANI VADLAMUDI

Sr. Asst. Professor, Dept. of Artificial Intelligence
and Machine Learning.

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Deep Learning Based Fire Detection and Dynamic Evacuation System" is a bonafide work carried out by **GANESH DAGADI (1NH21CS087)** and **HARSHAVARDHAN V MANTRI (1NH21CS093)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. D. ROJA RAMANI)

Signature of Guide
(Ms. SANDYARANI VADLAMUDI)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B

2. Dr. Praveen Kumar B

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

“Advanced Diet Planner”

Submitted in partial fulfillment for the award of the degree of

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

**SHREYA KUMAR-1NH21CS222
SHIVRAJ MUKKANNI-1NH21CS220**

Under the guidance of
Ms. VERNIKA SINGH

**BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELIGENCE
AND MACHINE LEARNING
BY**

**KAMLESH SEERVI-1NH21AI043
LIKITH SHINGH D- 1NH21AI049**

Under the guidance of
Dr. SOWMYA H K

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Advanced Diet Planner" is a bonafide work carried out by SHIVRAJ MUKKANNI (INH21CS220) and SHREYA KUMAR (INH21CS222) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. VERNIKA SINGH)

Signature of Guide
(Dr. SOWMYA H K)

Signature of HOD
(Dr. Narayana Swamy Ramalah)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B.
2. Dr. Ramulu Babu J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
“FAKE FACE DETECTION “**

Submitted in partial fulfillment for the award of the degree of

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

BY

ASHIN C FREJI -1NH21CS035

NEHA -1NH21CS165

Under the guidance of

Ms. BANDARI CHANNARAYA PRIYA

Assistant Professor

Computer Science and Engineering

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

BY

KHUSHI KASHYAP -1NH21IS077

SHUBHAM KUMAR -1NH21IS150

Under the guidance of

Ms. KRISHNAVENI A

Assistant Professor

Information Science and Engineering

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

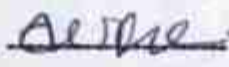
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

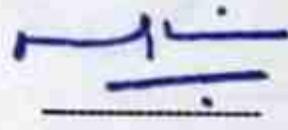
It is hereby certified that the interdisciplinary project work entitled "FAKE FACE DETECTION" is a bonafide work carried out by ASHIN C FREJI (1NH21CS035) and NEHA (1NH21CS165) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide

(Ms. BANDARI CHANNARAYA PRIYA)


Signature of Guide

(Ms. KRISHNAVENI A)


Signature of HOD

(Dr. B RAJALAKSHMI)

SEE VIVA

Name of Examiner

Signature with date

1. Dr. Santosh Kumar B


6/1/25

2. Dr. Ramesh Babu S


6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“DIAGNOSYNC: AI-DRIVEN MEDICAL DIAGNOSTICS AND HEALTHCARE MANAGEMENT”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

AISHWARYA PRADEEP - 1NH21CS014
CHIRANJEEVI R SHEKAR - 1NH21CS060

Under the guidance of

Ms. KAVITHA. U
Assistant Professor

BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY

DHANUSH V - 1NH21CE014
YELAM ETHI SAI SREEVATHSAV - 1NH21CE065

Under the guidance of

Dr. BHIMRAYA PATIL
Associate Professor

Academic Year: 2024-25



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 interdisciplinary project work entitled "DIAGNOSYNC: AI-DRIVEN MEDICAL DIAGNOSTICS AND HEALTHCARE MANAGEMENT" is a bonafide work carried out by AISHWARYA PRADEEP (1NH21CS014) and CHIRANJEEVI R SHEKAR (1NH21CS060) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. KAVITHA. U)

Signature of Guide
(Dr. BHIMRAYA PATIL)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B

2. Dr. Ramu M. Babu J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AUTOMATED 3D MODELLING FROM 2D BLUEPRINTS"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ANUSHRI VASUDEVAN -1NH21CS276

SOHAN RAJENDRAN-1NH21CS294

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

ADRIJA DEVBARMA -1NH21IS010

DIYA K ANOOP-1NH21IS053

Under the guidance of

Ms. A. Yasaswi

Assistant Professor

Under the guidance of

Ms. Parvathy S

Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Automated 3D Modelling from 2D Blueprints" is a Bonafide work carried out by Anushri Vasudevan (1NH21CS276) and Sohan Rajendran(1NH21CS294) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

A. Yasaswi
30/12/2024

Signature of Guide
(Ms. A. Yasaswi)

Parvathy

Signature of Guide
(Ms. Parvathy S)

[Signature]

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar: B
2. Dr. Ramesh Babu J

Signature with date

[Signature] 6/1/25
[Signature] 6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"OPEN BOX"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ANANYA ASHOK -1NH21CS025

B TEJHAASWWINI -1NH21CS278

Under the guidance of

Ms. BHAVYA R

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

NITESH KUMAR -1NH21IS104

P ADITYA -1NH21IS105

Under the guidance of

Dr. R J ANANDHI

Professor and Dean of Academics

Academic Year: 2024-25



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 interdisciplinary project work entitled "OPEN BOX" is a Bonafide work carried out by ANANYA ASHOK (1NH21CS025) and B TEJHAASWWINI (1NH21CS278) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. R J Anandhi)

Signature of Guide

(Ms. Bhavya R)

Signature of HOD

(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. Sanjesh Kumar B

2. Dr. Ramesh Bhatu J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"MEDICO "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

TEJAS C M -1NH21CS246

YASHAVANT KALASHETTI-1NH21CS268

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE ENGINEERING

BY

SHODHAN A K -1NH21IS145

SHREYAS V -1NH21IS148

Under the guidance of

Ms. DEEPTHI JHA

Assistant Professor

Dept of CSE

Under the guidance of

Ms. PRIYA N

Assistant Professor

Dept of ISE

Academic Year: 2024-25



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 interdisciplinary project work entitled "MEDICO" is a Bonafide work carried out by TEJAS C M (1NH21CS246) and YASHAVANT KALASHETII (1NH21CS268) 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 2024-2025. 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. DEEPTHI JHA)

Signature of Guide
(Ms. PRIYAN)

Signature of HOD
(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar
2. Dr. Rasmita Bala

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

"DRIP IV RATE MONITOR "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MANISH N -1NH21CS151

MIZBAH R -1NH21CS158

Under the guidance of

Ms. PARISMITA GOSWAMI

Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

SANJAY B-1NH21EC136

SHARAN PRASAD M-1NH21EC145

Under the guidance of

Ms. R. BABY CHITRA

Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "DRIP IV RATE MONITOR" is a bonafide work carried out by MANISH N (1NH21CS151) and MIZBAH R (1NH21CS158) 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 2024-2025. 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.

Parismita Goswami

Signature of Guide

(Ms. PARISMITA GOSWAMI)



Ms. R. Baby Chitra

Signature of Guide

(Ms. R. BABY CHITRA)

[Handwritten Signature]

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B

2. Dr. Ramesh Babu J

Signature with date

[Signature] 6/1/25

[Signature] 6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"ALLERGY AND ASTHMA TRIGGER APP"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

ZARHAN YAQOOB -1NH21CS270
VISHAL N-1NH21CS262

Under the guidance of
Mrs. Deepthi Jha
Assistant Professor

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION AND
ENGINEERING BY

MANOJ CK -1NH2ECD88
MOHAMMED FAIZAN -1NH21ECD69

Under the guidance of
Mr. Ajay Sudhir Bale
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ALLERGY AND ASTHMA TRIGGER APP" is a Bonafide work carried out by VISHAL N (1NH21CS62) and ZARHAN YAQOOB (1NH21CS270) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
(Mrs. Deepthi Jha)

Signature of Guide
(Mr. Ajay Sudhir Bale)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B
2. Dr. Ramesh Babu S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"IMPROVING MENTAL HEALTH CARE THROUGH MACHINE LEARNING BASED DEPRESSION ANALYSIS"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SHRISHTI TIWARI -1NH21CS227

ZAHID AHMED KHAN -1NH22CS423

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

KSHAMITHA N -1NH21EC080

NAMITHA RAMESH -1NH21EC101

Under the guidance of

Ms. M Thanga Subha Devi

Senior Assistant Professor

Under the guidance of

Ms. Mamta B Savadatti

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IMPROVING MENTAL HEALTH CARE THROUGH MACHINE LEARNING BASED DEPRESSION ANALYSIS" is a bonafide work carried out by **SHRISHTI TIWARI (1NH21CS227)** and **ZAHID AHMED KHAN (1NH22CS423)** in partial fulfillment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. M Thanga Subha Devi)

Signature of Guide

(Ms. Mamta B Savadatti)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Santosh Kumar B.

2. Dr. Ramesh M. Bhatu J

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“ADVANCED VEHICLE SAFETY AND MANAGEMENT SAFETY”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ROHAN H SAVANTH-1NH21CS199

THARUN A C – 1NH21CS247

Under the guidance of

Ms. A Yasaswi
Assistant Professor
Department of CSE
NHCE, Bengaluru

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

NIKHIL H L – 1NH21EC109

MANOJ G R – 1NH21EC089

Under the guidance of

Mr. Mahendra S Naik
Senior Assistant Professor
Department of ECE
NHCE, Bengaluru

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "ADVANCED VEHICLE SAFETY AND MANAGEMENT SYSTEM" is a bonafide work carried out by ROHAN H SAVANTH (1NH21CS199) and THARUN A C (1NH21CS247) 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 2024-2025. 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. A Yasaswi)

Signature of Guide
(Mr. Mahendra S Naik)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. G. Vinay Kumar
2. Dr. Mithun B. N.

Signature with date

Dr. G. Vinay Kumar
6/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“MANUVERING AUTONOMOUS VEHICLES IN URBAN ENVIRONMENTS”

Submitted in partial fulfillment for the award of the degree of

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

**SAYYEDSOHAIB M YALLUR-1NH22CS416
SRINIVASA PM -1NH22CS418**

Under the guidance of

**Ms. KAVITHA U
Assistant Professor**

**BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING
BY**

**SUMAN SHEKHAR REDDY - 1NH21CE064
MOHIT SUDHAKAR - 1NH21CE036**

Under the guidance of

**Dr. T. Kavitha
Professor**

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MANUVERING AUTONOMOUS VEHICLES IN URBAN ENVIRONMENTS" is a bonafide work carried out by SAYYEDSOHAIB M YALLUR (1NH22CS416) and SRINIVASA PM (1NH22CS418) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Kavitha U)

Signature of Guide
(Dr. T. Kavitha)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. K. V. JAYASEKARAN
2. Dr. Mithun B.N.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

**“AI- DRIVEN DETECTION OF CYBERBULLYING:
ENHANCING ONLINE SAFETY THROUGH TOXIC COMMENT
ANALYSIS “**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

CHRIS JORDAN J -1NH21CS062

SANJANA JELLA -1NH21CS299

Under the guidance of

Dr. D. ROJA RAMANI

Associate Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

GIRIDHARAN H -1NH21AI032

CHANDAN R -1NH21AI019

Under the guidance of

Ms. RAJASREE R S

Senior Assistant Professor

Academic Year: 2024-25



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

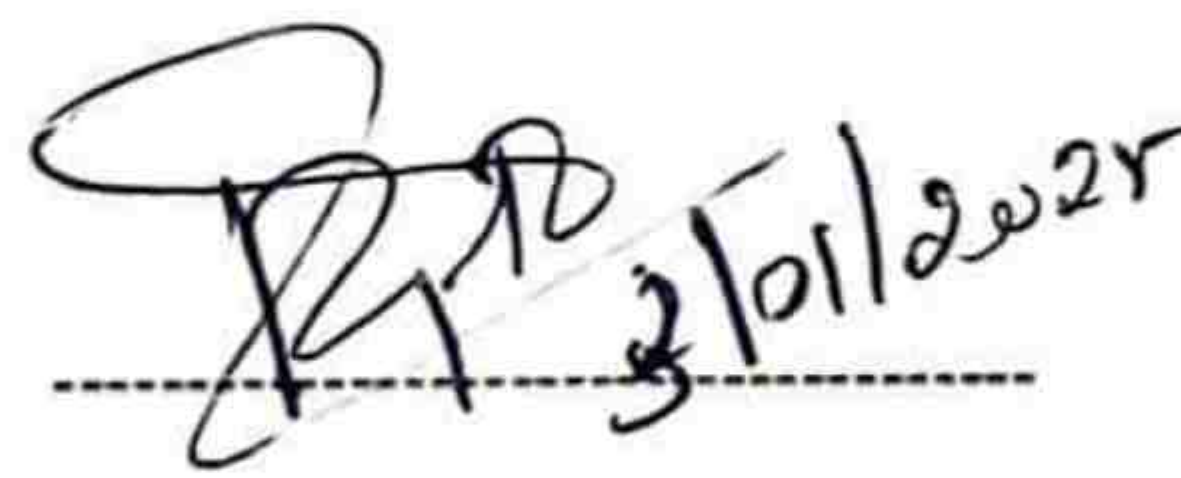
CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI- Driven Detection of Cyberbullying: Enhancing Online Safety Through Toxic Comment Analysis" is a bonafide work carried out by CHRIS JORDAN J (1NH21C062) and SANJANA JELLA (1NH21CS299) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



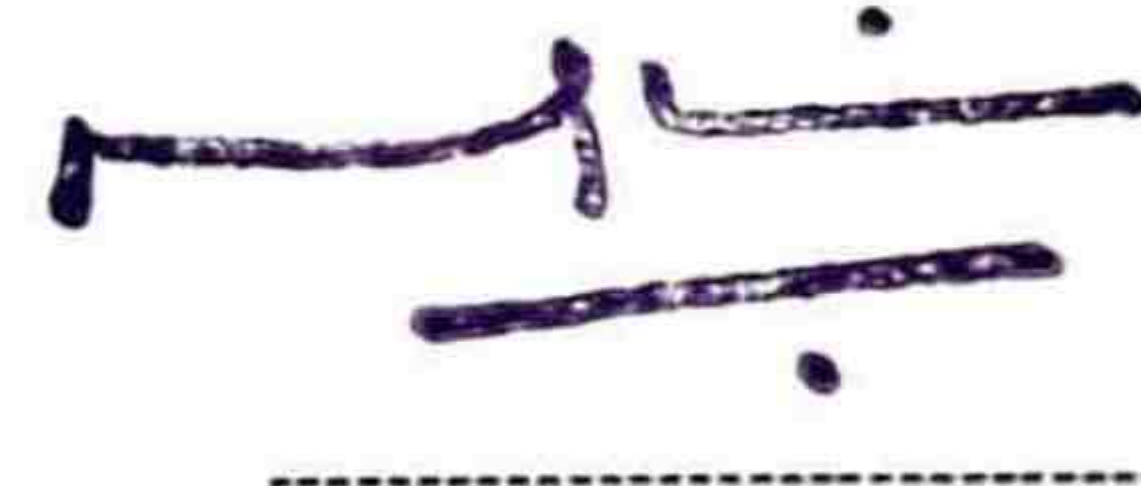
Signature of Guide

(Dr. D. ROJA RAMANI)



Signature of Guide

(Ms. RAJASREE R S)



Signature of HOD

(HOD-CSE)


SEE VIVA

Name of Examiner

1. Dr. G. VISAYASEKARAN

2. Dr. Mithun. B. N.

Signature with date


06.01.2025


6.1.25



NEW HORIZON COLLEGE OF ENGINEERING

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

"AI-BASED VIRTUAL PATIENT ASSIST"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABHAY G -1NH21CS003

ABISHEK J -1NH21CS004

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

BHARATH J -1NH21IS037

K BHARATWAJ -1NH21CS080

Under the guidance of

Ms. Kavitha ()

Assistant Professor

Under the guidance of

Ms. Archana Das

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-BASED VIRTUAL PATIENT ASSIST" is a Bonafide work carried out by ABHAY G (1NH21CS003) and ABISHEK J(1NH21CS004) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Kavitha)

Signature of Guide
(Ms. Archana das)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. DR. G. VIJAYAKRISHNAN

2. Dr. Mithun B N

Signature with date

06-01-2025

6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AUTOMATED FOOD TRACKING AND MANAGEMENT SYSTEM "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

MOHAMMED MIDLAJ-1NH21CS160

ALBIN MJ-1NH21CS020

Under the guidance of

Dr. SANTHOSH KRISHNA B V

Associate Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

BY

VIGNESH P -1NH21EC179

V ARATHI-1NH21EC165

Under the guidance of

Mr. KRISHNA KUMAR

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AUTOMATED FOOD TRACKING AND MANAGEMENT SYSTEM" is a bonafide work carried out by MOHAMMED MIDLAJ (1NH21CS160) and ALBIN MJ (1NH21CS020) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. SANTHOSH KRISHNA BV)

Signature of Guide
(Mr. KRISHNA KUMAR)

Signature of HOD
(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. M. VITAYASEKARAN.....

2. Dr. Mithun. B. N.....

Signature with date

M. V. Vitayasekaran 06/11/25

1005 Mithun. B. N. 06/11/25



NEW HORIZON COLLEGE OF ENGINEERING

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

"Smart Home Control: Integrating Gestures, Speech, and Mobile Application"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

Shimmi Sahu – 1NH21CS218

Under the guidance of
Ms. Bandari Channaraya Priya
Assistant Professor

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY

Anisha Agarkhed – 1NH21ECD18
Janhavi Parmar – 1NH21EC073
K Supreeth Pranav -1NH21EC075

Under the guidance of
Mr. Mahendra Naik
Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Smart Home Control : Integrating Gesture, Speech and Mobile Application" is a bonafide work carried out by Shimmi Sahu (1NH21C5218) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Ms. Bandari Channarayana Priya

Signature of Guide

Mr. Mahendra Italk

Signature of HOD

Dr. Narayana Swamy Ramiah

SEE VIVA

Name of Examiner

1. Dr. Mithun B. N.

2. Dr. Mithun B. N.

Signature with date

Dr. Mithun B. N. 20/05/25

Dr. Mithun B. N. 20/05/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"LIFEFLOW"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RACHAN P - 1NH21CS192

SOMASHEKAR N - 1NH21CS236

Under the guidance of

Ms. Vernika Singh

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

G R SUDEEP - 1NH21IS056

JAGRUTH P - 1NH21IS067

Under the guidance of

Dr. Kalaivani D

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "LIFEFLOW" is a bonafide work carried out by RACHAN P (1NH21CS192) and SOMASHEKAR N (1NH21CS236) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Vernika Singh)

Signature of Guide

(Dr. Kalavani D)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Ashok K

2. Dr. Suresh S.K

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

“QUAKEPREDICT – A Simple Earthquake Prediction”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

NIKHIL SURYADEVARA -1NH21CS166

POLINA CHARAN KUMAR -1NH21CS180

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

Y SAI SIVA SRI CHARAN -1NH21IS185

V PARTHIV VALLABH -1NH21IS195

Under the guidance of

Dr. PRAMILARANI K

Associate Professor

Under the guidance of

Ms. JENITA SUBASH

Sr. Asst Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "QUAKEPREDICT – A Simple Earthquake Prediction" is a bonafide work carried out by NIKHIL SURYADEVARA (1NH21CS166) and POLINA CHARAN KUMAR (1NH21CS180) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. PRAMILARANI K)

Signature of Guide
(Ms. JENITA SUBASH)

Signature of HOD
(Dr. NARAYANA SWAMY RAMAIAH)

SEE VIVA

Name of Examiner

1. DR. GUNJANASRI KARAN
2. DR. MITHUN B W

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“Deepfake-Detection-using-LSTM-and-ResNext “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

K N SRIKANTH -1NH21CE025

SIDDHARTH RANJAN -1NH21CE068

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RAHUL PANKAJ -1NH21CS194

SRIKANTA MISHRA -1NH21CS239

Under the guidance of

Mrs. Pramila S

ASSISTANT PROFESSOR

Under the guidance of

Mrs. Senthil Anandhi

Sr. ASSISTANT PROFESSOR

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Deepfake-Detection-using-LSTM-and-ResNext" is a bonafide work carried out by RAHUL PANKAJ (1NH21CS194) and SRIKANTA MISHRA (1NH21CS239) 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 2024-2025. 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

Mrs. Senthil Anandhi

Signature of Guide

Mrs. Parmila S

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. DR. M. S. JAYASREKAR

2. DR. ANITHY B.N.

Signature with date

1. M. S. Jayasrekar
06/01/25

2. Anithy B.N.
06/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

EDUCATIONAL ADVENTURES**

Submitted in partial fulfillment for the award of the degree of

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

VINAY HP -1NH21CS261

CHANDU R YADAV -1NH21CS057

Under the guidance of

Dr. ASHOK K

Associate Professor

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

SHANKARAPPA Y -1NH21EC144

CHANDU G -1NH21EC035

Under the guidance of

Dr. MONIKA GUPTA

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Educational Adventures" is a bonafide work carried out by VINAY HP (1NH21CS261) AND CHANDU R YADAV (1NH21CS057) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

Dr. ASHOK K

Signature of Guide

Dr. MONIKA GUPTA

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. C. V. JAYARAMAN

2. Dr. Mithun. B. Y.

Signature with date

Dr. V. J. ... 6/1/25

HOD - ... 6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AI-INTEGRATED SMART HELMET "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND
ENGINEERING

BY

ILHAAN IBRAHIM R M -1NH21CS100

JAYAADITHYA J-1NH21CS108

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING ENGINEERING

BY

ADARSH BABU-1NH21AI005

NOEL SIBI-1NH20AI144

Under the guidance of

Dr. Santosh Kumar

Senior Assistant

Professor CSE,

NHCE

Under the guidance of

Dr. Jimsha K Mathew

Senior Assistant

Professor AIML,

NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-INTEGRATED SMART HELMET" is a bonafide work carried out by ILHAAN IBRAHIM R M (1NH21CS100) and JAYAADITHYA J (1NH21CS108) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. Santosh Kumar)

Signature of Guide
(Dr. Jimsha K Mathew)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. C. V. R. Jayasankar
2. Dr. Mathur. B-1

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"QuizSphere: A Gamified Learning Ecosystem"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER ENGINEERING

BY

Deepali Soni -1NH21CE012
Saloni Agrawal – INH21CE069

Under the guidance of

Mr. Chandan Raj.B.R
Assistant Professor

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND
ENGINEERING

BY

Vishnu Raj AV-1NH21CS263
Priti Kushwaha-1NH21CS187

Under the guidance of

Ms. C Shreenagamanjula Rani
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "QuizSphere: A Gamified Learning Ecosystem" is a bonafide work carried out by Priti Kushwaha (1NH21CS187) and Vishnu Raj AV (1NH21CS263) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
Mr. Chandan Raj.B.R

Signature of Guide
Ms. C Shreenagamanjula Rani

Signature of HOD
(HOD-CE)

SEE VIVA

Name of Examiner

Signature with date

1 ... DR. S. V. J. JAYARAJ ...

...
Date: 15/05/2025

2 ... Dr. Mithun B ...

...
Date: 15/05/2025



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“CODELEED : INTEGRATED E-LEARNING PLATFORM FOR CODING ”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BHARATH M -1NH22CS403

M NITHIN -1NH22CS409

Under the guidance of

Ms. SRIVIDHYA G

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING ENGINEERING

BY

AZIM M MULLA-1NH22AI402

KISHOR M B -1NHE22AI405

Under the guidance of

Dr. SONIA MARIA D'SOUZA

Associate Professor

Academic Year: 2024-25





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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "CODELEED : INTEGRATED E-LEARNING PLATFORM FOR CODING" is a bonafide work carried out by BHARATH M(1NH22C403) ,M NITHIN (1NH22CS409) 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 2024-2025. 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. Srividhya G)

Signature of Guide

(Dr. Sonia Maria d'souza)

Signature of HOD

(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner

1. DR. G. V. S. JAYA SEKARAN

2. DR. MITHUN . B. N.

Signature with date





NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

AR-BASED REAL TIME LANGUAGE TRANSLATION

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

V RAHUL -1NH21CS255

MOHAMMED AYMAN -1NH21CS159

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

MOHAMMED OWEIS ARIF -1NH21AI059

M M VARUN CHANGAPPA -1NH21AI051

Under the guidance of

MS. YOGITHA

SENIOR ASSISTANT PROFESSOR

Under the guidance of

MS. SANDYARANI VADLAMUDI

SENIOR ASSISTANT PROFESSOR

Academic Year: 2024-25





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 interdisciplinary project work entitled "AR-BASED REAL TIME LANGUAGE TRANSLATION" is a Bonafide work carried out by V RAHUL (1NH21CS255) AND MOHAMMED AYMAN (1NH21CS159) 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 2024-2025. 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. YOGITHA)

Signature of Guide
(MS. SANDYARANI VADLAMUDI)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. DR. SURESH AYNSEKARAN.....

2. DR. MITHAN B. H.....

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

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

AKUTHOTA RAKESH KUMAR -1NH21CS019
AKULA ESWAR -1NH21CS295

Under the guidance of
Ms. CHEMPAVATHY B
Sr. Assistant Professor, CSE, NHCE

BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING
BY

CHEKKA KESAVA VIGNESHWAR-1NH21AI021
NAMA SAI TEJESWAR -1NH21AI063

Under the guidance of
Dr. SANJEEV P KAULGUD
Associate Professor, AI&ML, NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "NETWORK INTRUSION DETECTION SYSTEM USING DEEP LEARNING" is a bonafide work carried out by AKUTHOTA RAKESH KUMAR (1NH21CS019) and AKULA ESWAR (1NH21CS295) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. Chempavathy B)

Signature of Guide
(Dr. Sanjeev P Kaulgud)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. DR. G. V. TAYASEKHARAN.....
2. DR. MITHUN. B. V.....

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“HAND-GESTURE CONTROLLED PRESENTATION”

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ACHYUTH M - 1NH21CS005

MANJUNATH NAIK - 1NH21CS154

Under the guidance of

Ms. Senthil Anandhi Avanashilingam

Senior Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

SAGARGOUDA PATIL - 1NH21EC134

SUJAY S BAGALUR - 1NH21EC156

Under the guidance of

Mr. Sabitabrata Bhattacharya

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "HAND-GESTURE CONTROLLED PRESENTATION" is a Bonafide work carried out by ACHYUTH M (1NH21CS005) and MANJUNATH NAIK (1NH21CS154) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Senthil Anandhi
Avanashilingam)

Signature of Guide

(Mr. Sabitabrata Bhattacharya)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Guruganeshwaran.....

2. Dr. Mithun B. J.....

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

AI BASED WEATHER MONITORING AND PREDICTION

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

A. BALA VAMSI - 1NH21CS286

JOGA THEJESWAR - 1NH21CS113

Under the guidance of

Ms. NAYANA N KUMAR

Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

A. CHAITANYA - 1NH21EC060

A. MAHESH - 1NH21EC014

Under the guidance of

Ms. LIPSA DASH

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **AI BASED WEATHER MONITORING AND PREDICTION** is a bonafide work carried out by **JOGA THEJESWAR REDDY (1NH21CS113)** and **ADAKA BALA VAMSI (1NH21C286)** 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 **2024-2025**. 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 Guide

(Mrs. LIPSA DASH)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. G. VISAYASEKARAN

2. Dr. Mithun B

Signature with date

Dr. G. VISAYASEKARAN
06/11/25

Dr. Mithun B
06/11/25



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"TRACK AND TRACE "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

HEMANTH HP-1NH21CS097

GAJULA HARSHAVARDAN-1NH21CS084

Under the guidance of

Ms. GELUVARAJ B

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

PAVAN KUMAR SD -1NH21IS109

PRAJWAL DJ -1NH21IS116

Under the guidance of

Mrs. RAMA BANSHIDHAR DAN

Assistant Professor

Academic Year: 2024-25

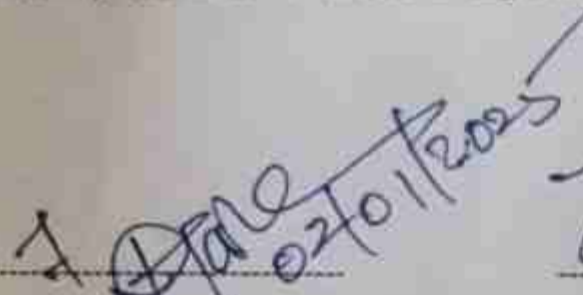


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TRACK AND TRACE" is a bonafide work carried out by HEMANTH H P (1NH21CS097) and GAJULA.HARSHAVARDHAN (1NH21CS084) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.


Signature of Guide

(Mr. Geluvaraj B)


Signature of Guide

(Mrs. Rama Banshidhar Dan)


Signature of HOD

(HOD-CSE)



SEE VIVA

Name of Examiner

1. Dr. G. V. R. JAYASEKHARA

2. Dr. Mithun Bal

Signature with date



6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

HEALTHSPHERE

Submitted in partial fulfillment for the award of the degree of

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

BY

**DINESH-1NH21CS075
DHARMARAJ A- 1NH21CS072**

Under the guidance of

Ms. LAKSHMI S HANNE
Assistant Professor

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

BY

**SYED S HANNAN- 1NH21ECE159
ZABIULLAH S- 1NH21ECE192**

Under the guidance of

Mr. VINAY R
Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "HEALTHSPHERE" is a bonafide work carried out by **DINESH (1NH21CS075) AND DHARMARAJ A(1NH21CS072)** 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 **2024-2025**. 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)

for
Signature
6.01.25

Signature of Guide
(Mr. Vinay R)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. V. V. JAYASHEKAR

2. Dr. Mithan B. T.

Signature with date

Dr. V. V. Jayashankar
06.01.25

Dr. Mithan B. T.



NEW HORIZON COLLEGE OF ENGINEERING

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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

"SMART RECYCLE BIN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

JAISHANKAR S -1NH21CS105

HARISH RAJESH -1NH21CS091

Under the guidance of

Ms. BHAVYA R

Assistant Professor

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

BY

YASHVITHA -1NH21EC034

BHOOMIKA -1NH21EC029

Under the guidance of

Ms. PRAGATI

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART RECYCLE BIN" is a bonafide work carried out by HARISH RAJESH (1NH21C5091) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms BHAVYA R)

Signature of Guide
(Ms PRAGATI)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. T. Karik

2. Dr. ARISELASHI

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

n

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

WOMEN NIGHT SURVILLANCE ROBOT

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

N.Tharunika Reddy -1NH21CS297

S.Harshini - 1NH21CS300

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

S.Mahitha Reddy -1NH21EC139

B.Sushma -1NH21EC027

Under the guidance of

Ms.C.Lavanya

Assistant Professor , Dept of CSE

Under the guidance of

Ms.Pragathi

Assistant Professor, Dept of ECE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "WOMEN NIGHT SURVILLANCE ROBOT" is a bona-fide work carried out by S Harshini (1NH21CS300) and N.Tharunika Reddy (1NH21CS297) 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 2024-2025. 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.

C. Lavanya
6/1/25

Signature of Guide

(Ms.C. Lavanya)

Pragathi
6.01.25

Signature of Guide

(Ms. Pragathi)

[Signature]

Signature of HOD

(Dr.B.RAJALAKSHMI)

Not satisfied
No paper, No test

SEE VIVA

Name of Examiner

1. *Dr. T Kanohi*

2. *Dr. ABHIRASHAN*

Signature with date

[Signature]
6/01/25

[Signature]
6/01/2025



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"SIGN SPEAK"

Submitted in partial fulfilment for the award of the degree of

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

TAMIL SELVAN M -1NH21IS167

THEOPHILUS M S -1NH21IS168

Under the guidance of

Mrs. J. KARTHIYAYINI
Sr. ASSISTANT PROFESSOR
DEPARTMENT OF ISE

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

MANJUNATH KLIJAL M B -1NH21CS145

LOHITH A -1NH21CS144

Under the guidance of

Mr. Geluvaraj
ASSOCIATE PROFESSOR
DEPARTMENT OF CSE

Academic Year: 2024-25



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 INFORMATION SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SIGN SPEAK" is a bonafide work carried out by **M B MANJUNATH KULAL (1NH21CS145)** and **LOHITH A (1NH21CS144)** in partial fulfillment for the award of Bachelor of Engineering in **COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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

Mrs. J. Karthiyayini

Signature of Guide

Mr. Geluvraaj

Signature of HOD

Dr. B. Rajalakshmi

SEE VIVA

Name of Examiner

1. Dr. T. Karthi

2. Dr. Aravind

Signature with Date

[Signature] 11/01/25

[Signature] 11/01/25



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

**Cutting-Edge Sensors for Safeguarding Elderly and Persons
with Disabilities**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

TRISHA SRINIVASAN -1NH21CS248

VENNAPUSA SREEHITHA REDDY -1NH21CS275

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

M REDDY UGESH -1NH21AI052

MOHAMMED FAISAL -1NH21AI057

Under the guidance of

Mr. Bhaskar S V

Senior Assistant Professor

Under the guidance of

Mr. Syam Dev R S

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Cutting-Edge Sensors for Safeguarding Elderly and Persons with Disabilities" is a bonafide work carried out by TRISHA SRINIVASAN (1NH21CS248) and VENNAPUSA SREEHITHA REDDY(1NH21CS275) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. Bhaskar S V)

Signature of Guide
(Mr. R S Syam Dev)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. T. Karik

2. Dr. Anulashan

Signature with date

Handwritten signature and date

Abhinav G. 20/10/25



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"AI-HEALTH MONITOR"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

KALLA VISWANATH REDDY -1NH21CS119
KAUSSHAL TOGO -1NH21CS127

U.PRUTHVI -1NH21IS121
H.CHAYAN -1NH21IS042

Under the guidance of
Dr.D.ROJA RAMANI
Associate Professor

Under the guidance of
Mrs. G.R.SHRUTHI
Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-HEALTH MONITOR" is a bonafide work carried out by **KALLA VISWANATH REDDY (1NH21CS119)** and **KAUSSHAL TOGO (1NH21CS127)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. D. ROJA RAMANI)

Signature of Guide
(Mrs. G.R. SHRUTHI)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. T. Karthi

2. Dr. Arathi Ashok

Signature with date

Karthi 06/01/25

Arathi 06/01/2025



NEW HORIZON COLLEGE OF ENGINEERING

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

**A PROJECT WORK REPORT ON
INTERDISCIPLINARY PROJECT TITLED**

INTELLIGENT TOLL COLLECTION SYSTEM

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

**ARTIFICIAL INTELLIGENCE & MACHINE
LEARNING ENGINEERING**

BY

**RESHAB VASANTH- 1NH21AI086
SRAVAN O K - 1NH21AI101**

Under the guidance of

**Ms. Rajashree B S
Senior Assistant Professor
Dept of AIML
NHCE**

BACHELOR OF ENGINEERING

IN

**COMPUTER SCIENCE AND
ENGINEERING**

BY

SHRUJAN K R- 1NH21CS228

Under the guidance of

**Ms. Nayana N Kumar
Assistant Professor
Dept of CSE
NHCE**

Academic Year:2024-25

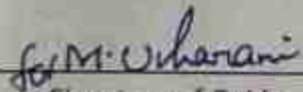


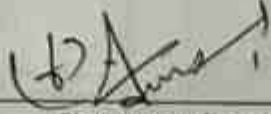
NEW HORIZON COLLEGE OF ENGINEERING


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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "INTELLIGENT TOLL COLLECTION SYSTEM" is a bonafide work carried out by SHRUJAN K R (1NH21CS228) 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 2024-2025. 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. Nayan N Kumar)


Signature of Guide
(Ms Rajashree R S)


Signature of HOD-CSE
(Dr. B. Rajalakshmi)

SEE VIVA

Name of Examiner

Signature with Date

1. Dr. T. Kai / the

Kan 06/01/25

2. Dr. ABHILASHI

Abhilashi 06/01/2025



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"PERSONALIZED VIRTUAL TEACHER"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ABHISHEK - 1NH22CS400

K PAVAN KUMAR - 1NH22CS408

Under the guidance of

Ms. LAKSHMI S HANNE

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

BHARATH L - 1NH22IS401

CHANDRAMOULI K P - 1NH22IS403

Under the guidance of

Mrs. DIVYA K V

Assistant professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PERSONALIZED VIRTUAL TEACHER" is a bonafide work carried out by **ABHISHEK (1NH22CS400) KOMMALAPATI PAVAN KUMAR (1NH22CS408)** 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 **2024-2025**. 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 Guide

Ms. Divya KV

Signature of HOD

Dr. Rajalakshmi

SEE VIVA

Name of Examiner

1.

2.

Signature with date

.....

.....



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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED**

“SMART HEALTH MONITORING SYSTEM “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

H S PRAJWAL B-1NH21CS089

JEFF JUDE V-1NH21CS110

Under the guidance of

Ms. KAVITHA U

Assistant Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND

ENGINEERING

BY

ADITYA KUMAR-1NH21IS007

ARPIT ANAND -1NNH21IS024

Under the guidance of

Dr. ARVIND S KAPSE

Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART HEALTH MONITORING SYSTEM" is a Bonafide work carried out by H S PRAJWAL B (1NH21CS089) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Kavitha U)

Signature of Guide
(Dr. Arvind S Kapse)

Signature of HOD
(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

Signature with date

1. Dr. T. Kavitha

Kavitha 6/10/25

2. Dr. ARVIND LASHI CV

Arvind Lashmi CV 6/10/2025



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

RX ASSIST: SMART DISEASE PREDICTION AND DRUG RECOMMENDATION

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

K SAI DINESH -1NH21CS136

PRAJWAL D A -1NH21CS181

Under the guidance of

Dr. NIRMALA M

Dept. of CSE, Professor

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

B BHARATH -1NH21IS036

G VIDYA SHANKAR -1NH21IS202

Under the guidance of

Mrs. BIBIANA JENIFER J

Dept. of ISE, Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **RX ASSIST: SMART DISEASE PREDICTION AND DRUG RECOMMENDATION** is a Bonafide work carried out by **K SAI DINESH (1NH21CS136)** and **PRAJWAL D A (1NH21CS181)** 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 **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Dr. NIRMALA M)

Signature of Guide
(Mrs. BIBIANA JENIFER J)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1 Dr. T. Kavitha

2 Dr. ARUNELASHI CN

Signature with date

..... [Signature] / 01/25

..... [Signature] / 06/04/2025



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

Sign language detection using transfer learning

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

K. DELINA YADAV - 1NH21CS117

K. JOSHNA - 1NH21CS122

Under the guidance of

Ms.A.YASASWI

Assistant Professor

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

M. UDAY BHASKAR - 1NH21CE030

K. DEEPIKA - 1NH21CE024

Under the guidance of

Prof. CHANDAN RAJ.B.R

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled **SIGN LANGUAGE DETECTION USING TRANSFER LEARNING** is a bonafide work carried out by **K DELINA YADAV (1NH21CS117) AND K JOSHNA (1NH21CS122)** 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 **2024-2025**. 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.A.YASASWI)

Signature of Guide
(Prof. CHANDAN RAJ.B.R)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. J. K. K.
2. Dr. A. B. R. S. H. S. H. S. H.

Signature with date

[Signature]
[Signature]



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

PLANT DISEASE DETECTION AND DIAGNOSIS

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

CHANDANA K S -1NH22CS404
MAHARATHI G N -1NH22CS410

BACHELOR OF ENGINEERING
IN
ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING ENGINEERING
BY

NITHISH SOMANI -1NH21AI100
ABHILASH G M - 1NH22AI400

Under the guidance of
Dr. ASHOK K
Associate Professor

Under the guidance of
Dr. JIMSHA K MATHEW
Sr. Assistant Professor

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PLANT DISEASE DETECTION AND DIAGNOSIS" is a bonafide work carried out by CHANDANA K S (INH22CS404) and MAHARATHI G N (INH22CS410) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. ASHOK K)

Signature of Guide

(Dr. JIMSHA K MATHEW)

Signature of HOD

(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. T. Karthik

2. Dr. Anilash CN

Signature with date

Karthik 6/11/25

Anilash CN 06/08/2025



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

PERSONALIZED LEARNING PLATFORM USING ARTIFICIAL INTELLIGENCE

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

KURUVA SOWMYA - 1NH21CS142

DERANGULA SANKEERTHANA - 1NH21CS069

Under the guidance of

Dr.G.VIJAYASEKARAN

Associate Professor , Dept of CSE

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

B KUSUMA -1NH21IS199

D HEMA -1NH21IS193

Under the guidance of

Ms. BIBIANA JENIFER J

Assistant Professor , Dept of ISE

Academic Year: 2024-25

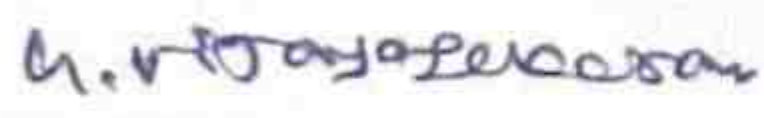


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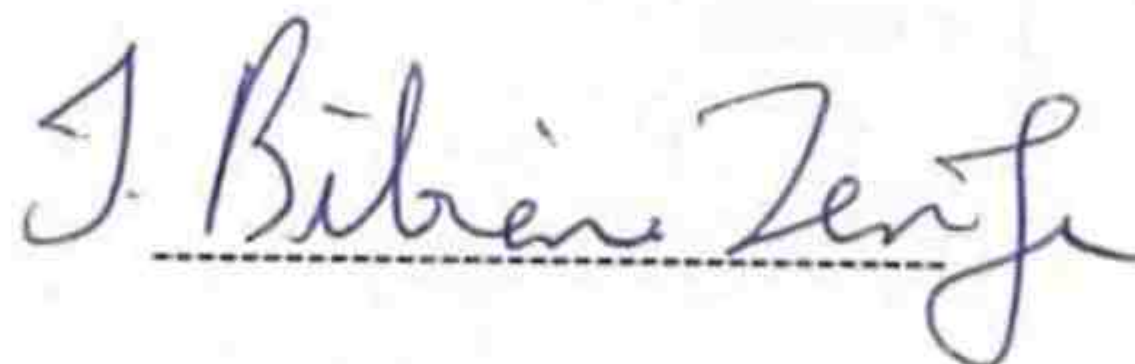
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PERSONALIZED LEARNING PLATFORM USING ARTIFICIAL INTELLIGENCE" is a bonafide work carried out by KURUVA SOWMYA (1NH21CS142) and DERANGULA SANKEERTHANA (1NH21CS069) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



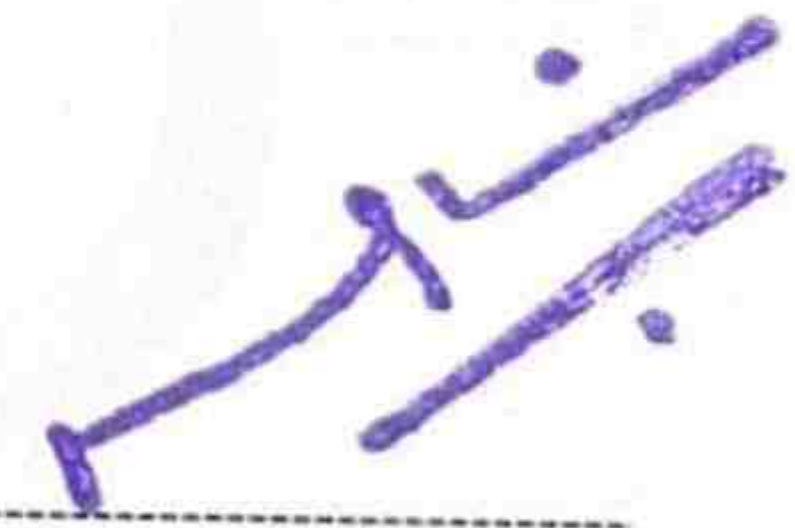
Signature of Guide

(Dr.G.VIJAYASEKARAN)



Signature of Guide

(Ms. BIBIANA JENIFER J)

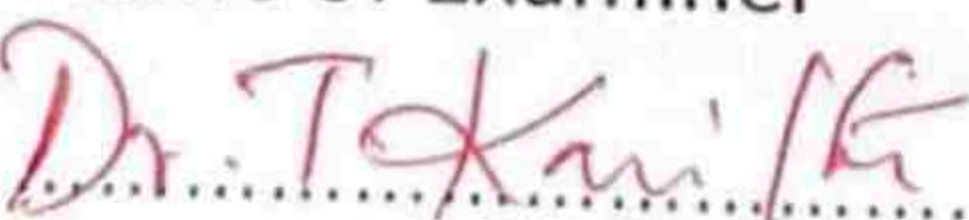


Signature of HOD

(HOD-CSE)

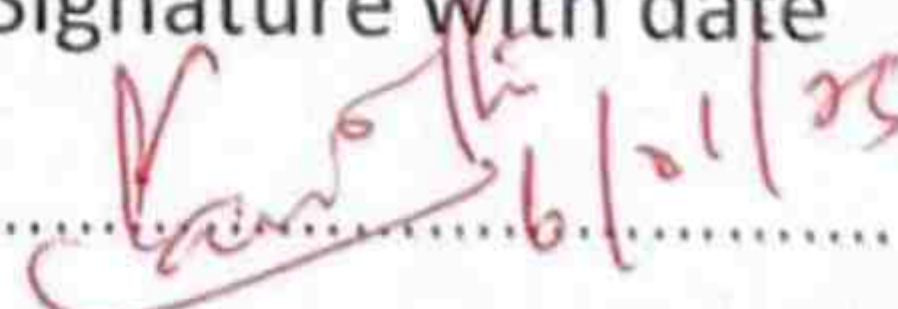
SEE VIVA

Name of Examiner

1. 

2. 

Signature with date







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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

FOOD NUTRIENT TRACKER

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND
ENGINEERING
BY

HARSHITH Y - 1NH21IS190
UDAY KUMAR B- 1NH21IS206

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

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE
ENGINEERING
BY

SRIRAMA KRISHNA CHAITANYA K -1NH21CS288
SREENATH S -1NH21CS291

Under the guidance of
Dr. SONALI MAHURE
Assistant Professor, Dept of CSE

Academic Year: 2024-25



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FOOD NUTRIENT TRACKER" is a bonafide work carried out by SREENATH S (1NH21CS291) and SRIRAMA KRISHNA CHAITANYA K(1NH21CS288) 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 2024-2025. 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: S Mahure
6/1/25

Signature of Guide

(Dr. Sonali Mahure)

Shruthi G R
6/1/25

Signature of Guide

(Mrs. Shruthi G R)

R Narayana Swamy

Signature of HOD

(Dr. Narayana Swamy Ramaiah)

SEE VIVA

Name of Examiner

1. *Dr. T. K. K*

2. *Dr. ABHILASHI G R*

Signature with date

Dr. T. K. K
6/1/25

Abhilashi G R
6/1/2025



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

Crop Sense: An Integrated WebApp for Crop Health Monitoring and Disease Detection

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ADRIAN MATHEW ALOYSIUS -1NH21CS011

DAVE JOSEPH PINTO -1NH21CS065

Under the guidance of

**Dr D. Roja Ramani
Associate Professor**

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

NARJIT LEISHANGTHEM - 1NH21AI064

MOHAMMED AFFAN - 1NH21AI0056

Under the guidance of

**Mr. Syam Dev R S
Senior Assistant Professor**

Academic Year: 2024-25





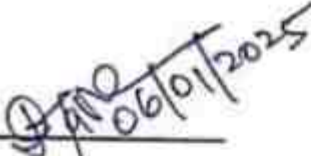
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary project work entitled **Crop Sense: An Integrated WebApp for Crop Health Monitoring and Disease Detection** is a bonafide work carried out by **ADRIAN MATHEW ALOYSIUS (1NH21CS011)** and **DAVE JOSEPH PINTO (1NH21CS065)** in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the New Horizon College of Engineering during the year 2024-2025. It is certified that all corrections/suggestions Indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.




Signature of Guide

(Dr D. Roja Ramani)



Signature of Guide

(Mr. Syam Dev R S)



Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. 
.....

2. 
.....

Signature with date


.....


.....



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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

REAL TIME TRANSLATION OF INDIAN LANGUAGES

Submitted in partial fulfillment for the award of the degree of

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

G HARSHATH KUMAR-1NH21CS284

T MANOJ- 1NH21CS293

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

B. SHASHANK -1NH21EC031

D HARSHAVARDHAN -1NH21EC041

Under the guidance of
Dr. Maruthu Pandi J
Associate Professor, Dept of CSE

Under the guidance of
Mr. Adinarayana TVS
Sr Assistant Professor, Dept of ECE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "REAL TIME TRANSLATION OF INDIAN LANGUAGES" is a bona-fide work carried out by G HARSHATH KUMAR(1NH21CS284) and T MANOJ (1NH21CS293) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. MARTHU PANDI J)

for Signature of Guide

(Mr. ADINARAYANA TVS)

Signature of HOD

(Dr. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. T. Kanthi

2. Dr. ARATHILASHI. G.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“AUTOMATED ALERTING SYSTEMS FOR MEDICAL
EMERGENCIES (Accident detection) “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

SAHIL KISHOR – 1NH21CS205

S PARDA SAI NARASIMHA – 1NH21CS213

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

BY

SAYA MANEESH – 1NH21ME067

TARUN S – 1NH22ME413

Under the guidance of

Mrs. Bhavya R

Designation – Assistant Professor

Under the guidance of

Prof. Rakesh C

Designation – Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the Interdisciplinary project work entitled "AUTOMATED ALERTING SYSTEMS FOR MEDICAL EMERGENCIES (Accident detection)" is a bonafide work carried out by SAHIL KISHOR (1NH21CS205) SPARDA SAINARASIMHA (1NH21CS213) in partial fulfillment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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
Mrs. Bhavya R

Signature of Guide
Prof. Rakesh C

Signature of HOD
Dr. Narayana Swamy Ramaiah

SEEVIVA

Name of Examiner

1. Dr. T. Kamal K.

2. Dr. ABHILASH C.R.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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

**"Leveraging Advanced Deep Learning techniques For Chest
X-ray Tuberculosis Detection"**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

HASHIM KHAN GI - 19H21C3096

KANDIMAJA RISHIK - 19H21C3123

Under the guidance of
Mr. C.SHREERAGAMANJURANI
Sr. Assistant Professor

BACHELOR OF ENGINEERING

IN

**ELECTRONICS AND COMMUNICATION
ENGINEERING**

BY

FRIYANSHI BHARVEISH - 19H21EC322

SIMRUL BHARGAVI - 19H21EC317

Under the guidance of
Mr. SHATHESHAN S
Sr. Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Leveraging Advanced Deep Learning techniques For Chest X-ray Tuberculosis Detection" is a bonafide work carried out by **HASHEM KHAN QJ (1NH21C009)** and **KANDIMALLA RISHU (1NH21CS123)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

MR. C.SHRESTHANAWARULKARIM

Signature of Guide

MR. SHASHIKIRAN S

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. P. K. K.

2. Dr. Aravind Kashekar

Signature with date

Dr. P. K. K. 12/11/24

Dr. Aravind Kashekar 12/11/24



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

PERSONALIZED HEALTHCARE DELIVERY THROUGH SMART WEARABLE TECHNOLOGY

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

M CHARAN KUMAR -1NH21CS301

K SAI NIKHIL -1NH21CS298

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

GUNJI AKASH -1NH21AI1036

GOUTHAM SURPANENI -1NH21AI034

Under the guidance of

Ms. SOJA RANI S

Senior Assistant Professor

Under the guidance of

Ms. AKSHATHA P S

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "PERSONALIZED HEALTHCARE DELIVERY THROUGH SMART WEARABLE TECHNOLOGY" is a bonafide work carried out by M CHARAN KUMAR (1NH21CS301) and K SAI NIKHIL (1NH21CS298) 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 2024-2025. 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. SOJA RANI S)

Signature of Guide
(Ms. AKSHATHA P S)

Signature of HOD
(Dr. B RAJALAKSHMI)

SEE VIVA

Name of Examiner

Dr. ARAPILASHI ent.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
**Wearable Health Monitoring System Embedded In
Python**

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN

COMPUTER SCIENCE AND ENGINEERING
BY

MEKALA HARSHA VARDHAN SAI -
1NH21CS155
SANJAY K -1NH21CS214

BACHELOR OF ENGINEERING
IN

ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
BY

PIDAPA SATHISH REDDY -1NH21AI076
POOJARI JATHIN NAIK -1NH21AI077

Under the guidance of
Ms. Florance

Senior Assistant Professor

Under the guidance of
Ms. Bindu

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Wearable Health Monitoring System Embedded in Python" is a bonafide work carried out by SANJAY K(1NH21CS214) and MEKALA HARSHA VARDHAN SAI(1NH21CS155) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Florance)

Signature of Guide
(Ms. Bindu)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Ashok K

2. Dr. Srinivas S.K

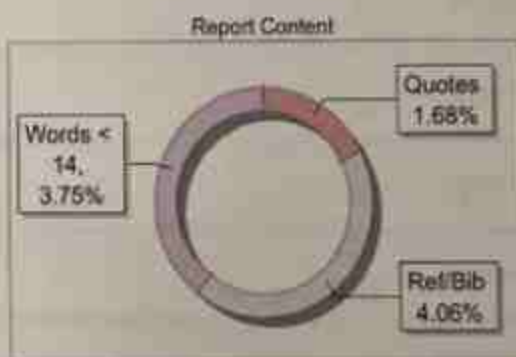
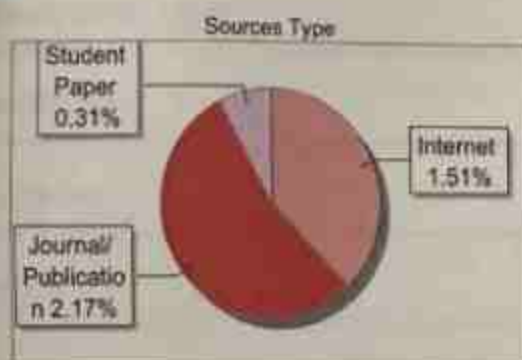
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Submission Information

Author Name	Bindu S
Title	Wearable health monitoring systems
Paper/Submission ID	2936828
Submitted by	mallethy@newhorizonindia.edu
Submission Date	2025-01-05 15:42:12
Total Pages, Total Words	106, 18429
Document type	Research Paper

Result Information

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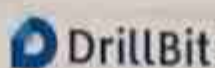

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9	REPOSITORY - Submitted to New Horizon College of Engineering on 2025-01-03 14-28 2934141	<1	Student Paper
10	ast.kathiyabompa.ac.in	<1	Publication
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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"SECURE SCAN"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

EMADUDDIN ASDAQ SYED MOHAMMED -

1NH21CS079

MURSALEEN SHAFI -1NH21CS162

Under the guidance of

Ms. Subhashree Rath

Senior Assistant professor

CSE, NHCE

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

SANDEP J G -1NH21IS135

SARIM FAROOQ -1NH21IS139

Under the guidance of

Dr. Rajlakshmi Ghatkamble

Associate Professor

ISE, NHCE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SECURE SCAN" is a bonafide work carried out by EMADUDDIN ASDAQ SYED MOHAMMED (1NH21CS079) and MURSALEEN SHAFI (1NH21CS162) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Ms. Subhashree Rath)

Signature of Guide
(Dr. Rajlakshmi Ghatkamble)

Signature of HOD
(HOD-CSE)

SEE VIVA

Name of Examiner
1. Dr. Ashok K
2. Dr. Subhas S.K.

Signature with date
6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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

"HEALTHCARE CHATBOT "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

DEEPAK PATEL -1NH21CS067
ANKIT KUMAR KALWAR -1NH21CS028

Under the guidance of
Ms. C. SHREENAGAMANJULA RANI
Sr. Assistant Professor

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

YASIR H. DIKAWAR -1NH21IS189
AYUSH GAUTAM -1NH21IS208

Under the guidance of
Mrs. THAMARAI SELVI
Associate Professor

Academic Year: 2024-25



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 interdisciplinary project work entitled "HealthCare Chatbot" is a bonafide work carried out by DEEPAK PATEL (1NH21CS067) and ANKIT KUMAR KALWAR (1NH21CS028) 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 2024-2025. 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. SHREENAGAMANJULA RANI)

Signature of Guide

(Mrs. THAMARAI SELVI)

Signature of HOD

(Dr. B. RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. Asha Lak

2. Dr. Subhas S.K

Signature with date

[Signature]
01/12/25

[Signature]
01/12/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

SMART HOME SECURITY

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

G.VIJAYA SIMHA REDDY - 1NH21CS086

G.NAGA NARENDRA - 1NH21CS088

BACHELOR OF ENGINEERING

IN

COMPUTER ENGINEERING

BY

DHANUSH B P -1NH21CE010

NITHIN REDDY K -1NH21CE041

Under the guidance of

Ms . SRI VIDHYA

Senior Assistant Professor

Under the guidance of

Mr . RAHUL B

Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART HOME SECURITY" is a bonafide work carried out by G. Naga Narendra(1NH21CS088) and G.Vijaya Simha Reddy (1NH21CS086) 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 2024-2025. 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. Sri Vidhya)

Signature of Guide
(Mr. Rahul B)

Signature of HOD
(DR Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. Ashokale

2. Dr. Suresh S.K.

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"MEDIGUARDIAN "

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

KEVIN K F-1NH21CS132
KARTHIKEY -1NH21CS125

Under the guidance of

Ms. LAVANYA C
Assistant Professor
Department of CSE

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
ENGINEERING
BY

SHEETAL CHOUDHURY -1NH21EC147
VATHSALA K - 1NH21EC175

Under the guidance of

Ms. SHIKHA RAI
Assistant Professor
Department of ECE

Academic Year: 2024-25





NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "MEDIGUARDIAN" is a Bonafide work carried out by KARTIKEY RAJ SHARMA (1NH21CS125) and KEVIN K F (1NH21CS132) 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 2024-2025. 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.

C. Lavanya C
6/1/25

Signature of Guide
(MS. LAVANYA C)

Shikha Raj
6/1/25

Signature of Guide
(MS. SHIKHA RAJ)

Dr. B. Rajalakshmi

Signature of HOD
(DR. B RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. *Dr. Ashok K*

2. *Dr. Subhas S.K*

Signature with date

Shikha Raj
6/1/25

Dr. B. Rajalakshmi
6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"Automated Assessment and Evaluation System"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN

COMPUTER SCIENCE AND
ENGINEERING

BY

HARSH AHUJA -1NH21CS092

SIDDHARTH PRADEEP -1NH21CS231

BACHELOR OF ENGINEERING
IN

INFORMATION SCIENCE AND
ENGINEERING

BY

NIKHILA SUVEDA MALLA -1NH21IS101

PENTEJA DINESH TRILOK -1NH21IS112

Under the guidance of

Mr. Bhaskar S V (CSE)

Senior Assistant Professor

Under the guidance of

Ms. Shruthi G R (ISE)

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "Automated Assessment and Evaluation System" is a bonafide work carried out by HARSH AHUJA (1NH21CS092) and SIDDHARTH PRADEEP (1NH21CS231) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide
(Mr. Bhaskar S V)

Signature of Guide
(Ms. Shruthi G R)

Signature of HOD
(Dr. B Rajalakshmi)

SEE VIVA

Name of Examiner

1. Dr. Anok K

2. Dr. Subhas S.K

Signature with date



**NEW HORIZON
COLLEGE OF ENGINEERING**
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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**A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED
"TEACH CONNECT"**

INTERDISCIPLINARY TEAM NUMBER - 259

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

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

M.Kethana chowdary -1NH21CS156

M. Sathwik Athreya- 1NH21IS084

M.v Mahidhar Reddy - 1NH21CS147

Pankaj Kumar – 1NH21IS104

Under the guidance of
Ms. Chempavathy B
Sr.Assistant Professor

Under the guidance of
Mrs.Archana das
Assistant Professor

Academic Year: 2024-25




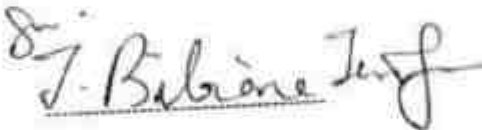
NEW HORIZON COLLEGE OF ENGINEERING


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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "TEACH CONNECT" is a bonafide work carried out by **M.V Mahidhar Reddy (1NH21CS147)** in partial fulfillment for the award of **Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING** of the New Horizon College of Engineering during the year **2024-2025**. 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. Chempavathy B


Signature of Guide
Mrs. Archana Das


Signature of HOD
Dr. B Rajalakshmi

SEE VIVA

Name of Examiner
1. Dr. Ashok NITCE
2. Dr. Subhas S.K

Signature with date


6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

IMPLEMENTATION OF IOT-BASED IRRIGATION SYSTEM FOR CLIMATE RESILIENT FARMING

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

YEDDULA MAHENDRA REDDY -1NH21CS269

BHANU DUSHYANTH -1NH21CS233

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

UDAY PARUCHURI -1NH21AI134

BABU DHANUSH KUMAR M -1NH21AI144

Under the guidance of

Ms. M THANGA SUBHA DEVI

Sr. Assistant Professor

Under the guidance of

Dr. Sowmya H K

Associate Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "IMPLEMENTATION OF IOT-BASED IRRIGATION SYSTEM FOR CLIMATE RESILIENT FARMING" is a bonafide work carried out by YEDDULA MAHENDRA REDDY (1NH21CS269) and BHANU DUSHYANTH (1NH21CS233) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. M THANGA SUBHA DEVI)

Signature of Guide

(Dr. Sowmya H K)

Signature of HOD

(DR. B RAJALAKSHMI)

SEE VIVA

Name of Examiner

1. Dr. Ashok K

2. Dr. Suhas S.K

Signature with date

TEAM:
266



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"UNIVERSAL SIGN LANGUAGE TRANSLATOR"

Submitted in partial fulfilment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

ADITYA RAJ - 1NH21CS009
P SRI DEEKSHITH - 1NH21CS172
P SAI LIKITH - 1NH21CS178

Under the guidance of
Ms. LAVANYA C
Assistant Professor

BACHELOR OF ENGINEERING
IN
ELECTRICAL AND ELECTRONICS ENGINEERING
BY

MAHIMA J YADAV-1NH21EE053

Under the guidance of
Mr. VINOD KUMAR S
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "UNIVERSAL SIGN LANGUAGE TRANSLATOR" is a bonafide work carried out by ADITYA RAJ (1NH21CS009), P SRI DEEKSHITH (1NH21CS172) and P SAI LIKITH (1NH21CS178) 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 2024-2025. 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.

C. Lavanya C
6/11/25

Signature of Guide

(Ms. LAVANYA C)

V. Vinod Kumar S

Signature of Guide

(Mr. VINOD KUMAR S)

Dr. Rajalaskmi B

Signature of HOD

Dr. Rajalaskmi B

SEE VIVA

Name of Examiner

1. *Dr. Ashok K*

2. *Dr. Subhas S.K*

Signature with date

Dr. Ashok K
6/11/25

Team - 274



NEW HORIZON COLLEGE OF ENGINEERING

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

SMART FARMING : A CROP RECOMMENDATION SYSTEM

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

BACHELOR OF ENGINEERING

IN

INFORMATION SCIENCE AND ENGINEERING

BY

G V SAI SHYAM KUMAR-1NH21CS083

DURUGADDA DATTA KALESWAR-

1NH21CS277

S ARSHIT NANDAN -1NH21IS165

S THARUN KUMAR RAJU -1NH21IS154

Under the guidance of

Dr.G VIJAYASEKARAN

Associate Professor, Dept of CSE

Under the guidance of

Mrs. Neha Jadhav

Assistant Professor, Dept of ISE

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "SMART FARMING : A CROP RECOMMENDATION SYSTEM" is a bonafide work carried out by G V SAI SHYAM KUMAR (1NH21CS083) and DURUGADDA DATTA KALESWAR (1NH21CS277) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.



Signature of Guide

(Dr.G VIJAYASEKARAN)



Signature of Guide

(Mrs. Neha Jadhav)




Signature of HOD

(Dr.B RAJALAKSHMI)

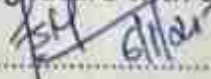
SEE VIVA


Name of Examiner

1. 

2. 

Signature with date




6/1/25



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"FINANCE GPT"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

ANEESHA M C -1NH21CS026
ANSELM BARRETTO -1NH21CS029

Under the guidance of

Ms. Vernika Singh
Assistant Professor

BACHELOR OF ENGINEERING
IN
INFORMATION SCIENCE AND ENGINEERING
BY

TRIPARNA K R -1NH21IS169
ABHISHEK KUMAR-1NH21IS214

Under the guidance of

Ms. Shubhi Srivastava
Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "FINANCE GPT" is a bonafide work carried out by ANEESHA M C (1NH21CS026) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Ms. Vernika Singh)

Signature of Guide

(Ms. Shubhi Srivastava)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Ashok K

2. Dr. Suresh S.K

Signature with date

Team no :- 276



NEW HORIZON COLLEGE OF ENGINEERING

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

A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

"HOLISTIC HEALTH INTEGRATION : A COMPREHENSIVE APPROACH TO DIGITAL HEALTHCARE IN INDIA"

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

ANAJ RAJEEV -1NH21CS023

ADITHYA NARAYAN H-1NH21CS292

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

DIYA SUDEESH -1NH21AI029

MEDAGAM VARSHA-1NH21AI053

Under the guidance of

Ms. A. Yasaswi

Assistant Professor

Under the guidance of

Dr. Sreejith S

Associate Professor

Academic Year: 2024-25

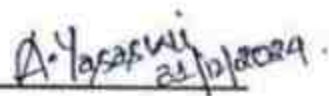


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

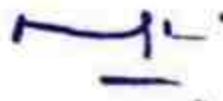
It is hereby certified that the interdisciplinary project work entitled "Holistic Health Integration : A Comprehensive approach to digital healthcare in India" is a Bonafide work carried out by Anaj Rajeev (1NH21CS023) and Adithya Narayan H(1NH21CS292) in partial fulfilment for the award of Bachelor of Engineering in COMPUTER SCIENCE AND ENGINEERING of the New Horizon College of Engineering during the year 2024-2025. 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. A. Yasaswi)



Signature of Guide
(Dr. Sreejith S)



Signature of HOD
(HOD-CSE)


SEE VIVA

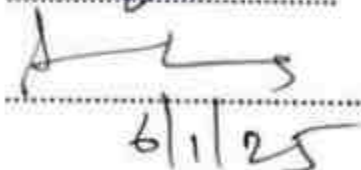
Name of Examiner

1. Dr. Ashok K.K

2. Dr. Subhas S.K

Signature with date







NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
INTERDISCIPLINARY PROJECT TITLED

“AI-DRIVEN TRAFFIC MANAGEMENT SYSTEM “

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

BY

RITOSUVRA RAY -1NH21CS197

SOUBHIK DAS -1NH21CS238

Under the guidance of

Dr SANTHOSH KRISHNA BV

Associate Professor

BACHELOR OF ENGINEERING

IN

ARTIFICIAL INTELLIGENCE AND MACHINE

LEARNING

BY

AMAN JAIN - 1NH21AI010

LOCHAN SINGH D -1NH21AI050

Under the guidance of

Ms. AKSHATHA PS

Senior Assistant Professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "AI-DRIVEN TRAFFIC MANAGEMENT SYSTEM" is a bonafide work carried out by Ritosuvra Ray (1NH21CS197) and Soubhik Das (1NH21CS238) 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 2024-2025. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said degree.

Signature of Guide

(Dr. Santhosh Krishna B V)

Signature of Guide

(Dr. Akshatha P S)

Signature of HOD

(HOD-CSE)

SEE VIVA

Name of Examiner

1. Dr. Ashok K

2. Dr. Suhas S

Signature with date



NEW HORIZON COLLEGE OF ENGINEERING

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A PROJECT WORK REPORT
ON
PROJECT TITLED

"EDUCARE "

Submitted in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING
BY

BV SAI SUHAS -1NH21CS210
SHAKTHIVEL V -1NH21CS215
UDAY KARTHIK S - 1NH21CS249
NITHIN MOTHUKURI - 1NH21CS285

Under the guidance of
Dr. SONALI JAGADISH MAHURE
Associate professor

Academic Year: 2024-25



NEW HORIZON COLLEGE OF ENGINEERING

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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING CERTIFICATE

It is hereby certified that the interdisciplinary project work entitled "EDUCARE" is a bonafide work carried out by BV SAI SUHAS (1NH21CS210), SHAKTHIVEL V (1NH21CS215) UDAY KARTHIK S (1NH21CS249) AND NITHI MOTHUKURI (1NH21CS285) 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 2024-2025. 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]

Signature of Guide

(Dr. SONALI JAGADISH MAHURE)

[Signature]

Signature of HOD

(Dr. NARAYANA SWAMY RAMAIAH)

[Signature]

Signature of HOD

(Dr. B RAJALAKSHMI)

SEE VIVA

Name of Examiner

Signature with date

1. *Dr. Ashok K*

[Signature] 6/1/25

2. *Dr. Suhas S.K*

[Signature]
6/1/25