

**NEW HORIZON COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**  
**FIELD PROJECTS UNDERTAKEN BY STUDENTS-AY 2022-2023**

Team No.	Department	Name Of the student	Internal/External	Project Title	Organization	Project Duration	External Guide
1	ECE	Akshaya Srinivasan	Internal	Weather Station using ML	NHCE	6 months	
	ECE	AVS.uttej	Internal		NHCE	6 months	
	ECE	Chaitra Kumari	Internal		NHCE	6 months	
	ECE	Disha pb	Internal		NHCE	6 months	
2	ECE	ANUJ M A	Internal	"FOOTSTEPS BASED SUSTAINABLE ENERGY GENERATION AND CONSUMPTION SYSTEM"	NHCE	6 months	
	ECE	A.DHARMIK SAI REDDY	Internal		NHCE	6 months	
	ECE	DEVU MAHESWAR REDDY	Internal		NHCE	6 months	
	ECE	G.PAVAN KALYAN REDDY	Internal		NHCE	6 months	
3	ECE	Chilaka Bhavya	Internal	Robotic metal detector using Arduino	NHCE	6 months	
	ECE	Kavya A	Internal		NHCE	6 months	
	ECE	Kalahasti Charishma	Internal		NHCE	6 months	
	ECE	D. Sai kumar	Internal		NHCE	6 months	
4	ECE	Adarsh Kumar	Internal	ADVAC Smart Home systems	NHCE	6 months	
	ECE	J Dhanush	Internal		NHCE	6 months	
	ECE	Atithkumar R Naik	Internal		NHCE	6 months	
	ECE	R Vikas	Internal		NHCE	6 months	
	ECE	Chandan Gowda M	Internal		NHCE	6 months	
5	ECE	Karthik S	Internal	Design Of GAATFET	NHCE	6 months	
	ECE	Jayanth S	Internal		NHCE	6 months	
	ECE	kotha venkata Hari Raghavendra	Internal		NHCE	6 months	
	ECE	K Anil Kumar	Internal		NHCE	6 months	
6	ECE	Shiva Shankar L	Internal	Design and Implementation Of 8 bit Vedic Multiplier	NHCE	6 months	
	ECE	Keerthana N	Internal		NHCE	6 months	
	ECE	Madhu Shree R	Internal		NHCE	6 months	
	ECE	Renuka S Hebballi	Internal		NHCE	6 months	
7	ECE	SUMANTH KB	Internal	Antenna Design for	NHCE	6 months	
	ECE	I JENNIFER	Internal		NHCE	6 months	

	ECE	BHUMIKA KS	Internal	Avionics Application	NHCE	6 months	
	ECE	CHANDAN GS	Internal		NHCE	6 months	
8	ECE	Bharatdeep Hazarika	Internal	IoT based Sustainable Agricultural solution	NHCE	6 months	
	ECE	Ayush Bansal	Internal		NHCE	6 months	
	ECE	Ritesh B	Internal		NHCE	6 months	
	ECE	B Sasidhar	Internal		NHCE	6 months	
	ECE	Harshith.D	Internal		Bus Tracking and Monitoring System using IoT and wireless sensors	NHCE	6 months
9	ECE	H S Manjunath	Internal	NHCE		6 months	
	ECE	Akash Mangalur	Internal	NHCE		6 months	
	ECE	Supreeth G V	Internal	NHCE		6 months	
	ECE	Harsha Vardhan P	Internal	NHCE		6 months	
10	ECE	A Bharath Kumar	Internal	3D Imaging based ML algo for Agricultural monitoring system	NHCE	6 months	
	ECE	Ananyaa Sundar	Internal		NHCE	6 months	
	ECE	Chakravarthi	Internal		NHCE	6 months	
	ECE	Dhyan Reddy	Internal		NHCE	6 months	
	ECE	Darshan D	Internal		NHCE	6 months	
11	ECE	Kanumala Bhargav Sai	Internal	Garbage/ Waste classification using Deep Learning	NHCE	6 months	
	ECE	Gollapalli Jyothi	Internal		NHCE	6 months	
	ECE	Hussain Peera	Internal		NHCE	6 months	
	ECE	Harikrishnan S	Internal		NHCE	6 months	
12	ECE	Dharshan V (A)	Internal	Design of antenna for 5G applications	NHCE	6 months	
	ECE	Swathi M (B)	Internal		NHCE	6 months	
	ECE	Shreya (C)	Internal		NHCE	6 months	
	ECE	Sreeraksha P (C)	Internal		NHCE	6 months	
13	ECE	G.Avinash	Internal	Speech Emotion Recognition	NHCE	6 months	
	ECE	Chinnagi Reddy Gari Kusalanatha Reddy	Internal		NHCE	6 months	
	ECE	K.Koushik Reddy	Internal		NHCE	6 months	
	ECE	A.Pavan Kumar Reddy(C)	Internal		NHCE	6 months	
	ECE	G Badri Ram	Internal		NHCE	6 months	
14	ECE	Darshan Bhavasar G (B)	Internal	Finger Print Based Electronic Voting Machine	NHCE	6 months	
	ECE	Lalitha C	Internal		NHCE	6 months	
	ECE	Rajesh Reddy R	Internal		NHCE	6 months	
	ECE	Likith S(B)	Internal		NHCE	6 months	
	ECE	K Venkata Kiran Reddy	Internal		NHCE	6 months	

15	ECE	K Keerthivardhan Reddy	Internal	Water Conservation Control by using IoT smartmeter	NHCE	6 months	
	ECE	K Sai Manikantha	Internal		NHCE	6 months	
	ECE	T Krishna Chaitnya	Internal		NHCE	6 months	
16	ECE	Koduru Nani	Internal	Robotic vehicle controlled through touch-screen device	NHCE	6 months	
	ECE	Gonuguntla Harsha Vardhan	Internal		NHCE	6 months	
	ECE	Challa Chandrasekhar	Internal		NHCE	6 months	
17	ECE	kancharla Venkata pavan	Internal	Automatic Enabled Attendance system based on cloud computing	NHCE	6 months	
	ECE	Shashank b	Internal		NHCE	6 months	
	ECE	gopa niranjan reddy	Internal		NHCE	6 months	
	ECE	G Lokesh Abhinav [C]	Internal		NHCE	6 months	
	ECE	kristam harshavardhan	Internal		NHCE	6 months	
18	ECE	Deepak Kumar R	Internal	Detection Of Fungus on Leaves in Real Time	NHCE	6 months	
	ECE	Deena M	Internal		NHCE	6 months	
	ECE	Bhavana	Internal		NHCE	6 months	
	ECE	G Sai Chaitra	Internal		NHCE	6 months	
	ECE	Gita Akshitha	Internal		NHCE	6 months	
19	ECE	PaladuguRakesh	Internal	Solar Power Automated Multi-Tasking Agricultural Robot	NHCE	6 months	
	ECE	namburu rama lakshman	Internal		NHCE	6 months	
	ECE	Sammeta Sathvika	Internal		NHCE	6 months	
	ECE	Sereddy Nitish Kumar	Internal		NHCE	6 months	
20	ECE	Surya.P	Internal	Design of FEFET for Future memory devices	NHCE	6 months	
	ECE	Supriya.S	Internal		NHCE	6 months	
	ECE	Pooja	Internal		NHCE	6 months	
	ECE	D Vaishali Patnaik	Internal		NHCE	6 months	
21	ECE	Lavannya L	Internal	MEMS based hand gesture controlled Robot	NHCE	6 months	
	ECE	Singamsetty Mohana Varshitha	Internal		NHCE	6 months	
	ECE	Srividya Chaganti	Internal		NHCE	6 months	
	ECE	Suchita Hazra	Internal		NHCE	6 months	
22	ECE	Tejas C Ghorpade	Internal	Design and Implementation Of 32 bit MIPS RISC Processor with	NHCE	6 months	
	ECE	Nishanth H	Internal		NHCE	6 months	
	ECE	Lokesh M	Internal		NHCE	6 months	

23	ECE	Manoj Kumar S	Internal	PROCESSOR WITH Flexible 5-stage Analysis Of Air Pollution in smart city Infrastructure using IoT	NHCE	6 months	
	ECE	Punith Kumar G P	Internal		NHCE	6 months	
	ECE	Mitesh Kumar E M	Internal		NHCE	6 months	
	ECE	Midhun M	Internal		NHCE	6 months	
	ECE	Chirag Sharma M	Internal		NHCE	6 months	
24	ECE	Mamatha S	Internal	Detection Of Autism spectrum disorder using neural networks	NHCE	6 months	
	ECE	Jaswanthi P	Internal		NHCE	6 months	
	ECE	Swathi K	Internal		NHCE	6 months	
	ECE	Yashwitha L	Internal		NHCE	6 months	
25	ECE	Rohit P	Internal	Tesla's stock price prediction using machine learning models	NHCE	6 months	
	ECE	Sachin R	Internal		NHCE	6 months	
	ECE	Shreya C	Internal		NHCE	6 months	
	ECE	Chayanath	Internal		NHCE	6 months	
	ECE	Siva S	Internal		NHCE	6 months	
26	ECE	Punith M	Internal	Smart Security Patrolling Robot using Rasbery Pi	NHCE	6 months	
	ECE	Ruthesh S	Internal		NHCE	6 months	
	ECE	Shalini M	Internal		NHCE	6 months	
	ECE	Srushti Goudar	Internal		NHCE	6 months	
27	ECE	M Tejasree	Internal	IoT based Weather station	NHCE	6 months	
	ECE	Swathi M D	Internal		NHCE	6 months	
	ECE	S Ragasahithi	Internal		NHCE	6 months	
28	ECE	STANLY DAVIS	Internal	Remote Driver Monitoring System	NHCE	6 months	
	ECE	SAGAR BASAVARAJ SHETTAR	Internal		NHCE	6 months	
	ECE	VINUTH KUMAR	Internal		NHCE	6 months	
	ECE	R HARSHITH GOWDA	Internal		NHCE	6 months	
29	ECE	Rakesh Kumar Patel	Internal	WiFi Controlled Car using Node-MCU and Blynk App	NHCE	6 months	
	ECE	Sheik Moosa	Internal		NHCE	6 months	
	ECE	Sayan Maitra	Internal		NHCE	6 months	
	ECE	Pattubala Pavan	Internal		NHCE	6 months	
30	ECE	MAHESHWAR REDDY	Internal	Smart Use Of Solar Radiation for Agricultural Purpose	NHCE	6 months	
	ECE	MANIKA SAI KIRAN	Internal		NHCE	6 months	
	ECE	MADANAPALLI RAJASEKHAR	Internal		NHCE	6 months	
	ECE	M.B ROHITH REDDY	Internal		NHCE	6 months	

31	ECE	Lokesh Biswas M	Internal	Microstrip Patch Antenna Arrays for 5G communication	NHCE	6 months	
	ECE	Sriram B	Internal		NHCE	6 months	
	ECE	Krishnendh J	Internal		NHCE	6 months	
	ECE	Nidhi B Achar	Internal		NHCE	6 months	
32	ECE	Nikhil Jha	Internal	Animal Detection for farmlands using Image Processing	NHCE	6 months	
	ECE	Nikitha MS	Internal		NHCE	6 months	
	ECE	Nirmit Verma	Internal		NHCE	6 months	
	ECE	Rakshita Sharma	Internal		NHCE	6 months	
33	ECE	R Sukitha	Internal	Embedded TOF	NHCE	6 months	
	ECE	Devanshi(A)	Internal		NHCE	6 months	
	ECE	Bhargav Dayal	Internal		NHCE	6 months	
	ECE	Sagar S	Internal		NHCE	6 months	
	ECE	V Geethanjali	Internal		NHCE	6 months	
34	ECE	Varshita	Internal	Air Pollution Detection	NHCE	6 months	
	ECE	V.Shruthi	Internal		NHCE	6 months	
	ECE	Krishna Chaithanya	Internal		NHCE	6 months	
	ECE	Vinay Kumar K N	Internal		NHCE	6 months	
35	ECE	Bikram Kumar daulyal	Internal	Bluetooth controlled Robot with collision detection with IoT based humidity monitoring	NHCE	6 months	
	ECE	Ashwin b Nayak	Internal		NHCE	6 months	
	ECE	mithun p	Internal		NHCE	6 months	
	ECE	Joshua Stanley	Internal		NHCE	6 months	
	ECE	Tarun Vinayak S	Internal		NHCE	6 months	
	ECE	sri Harsha chakravarthi	Internal		NHCE	6 months	
36	ECE	Y Sai Kumar Reddy	Internal	Smart Home Automation using Intelligent Electricity Dispatch	NHCE	6 months	
	ECE	Mithun M	Internal		NHCE	6 months	
	ECE	M Sai Vignesh	Internal		NHCE	6 months	
	ECE	M Yeshwanth	Internal		NHCE	6 months	
37	ECE	Ujwal A Reddy	Internal	Traffic Rule Violation Regulation For Two Wheeler using Yolo	NHCE	6 months	
	ECE	Arun Dev M	Internal		NHCE	6 months	
	ECE	Rishab C Lal	Internal		NHCE	6 months	
	ECE	Vinay R	Internal		NHCE	6 months	
38	ECE	N.TEJASWINI	Internal	S-Kart	NHCE	6 months	
	ECE	KRUTHIKA R	Internal		NHCE	6 months	
	ECE	GUBBA PAVAN KALYAN	Internal		NHCE	6 months	

39	ECE	Abhijeet parmar	Internal	Multi-Tasking Agriculture	NHCE	6 months	
	ECE	Subramanyam Morla	Internal		NHCE	6 months	
	ECE	Steven Paul C X	Internal		NHCE	6 months	
	ECE	Telkar Sai Gopi Chand	Internal		NHCE	6 months	
	ECE	Vempalli Raja Sekhar Raju	Internal		NHCE	6 months	
	ECE	Vishwas K	Internal		NHCE	6 months	
40	ECE	Lakshya Sharma	Internal	Smart Surveillance Robotics	NHCE	6 months	
	ECE	Lingala Sakthidhar Reddy	Internal		NHCE	6 months	
	ECE	Manoj Kumar E	Internal		NHCE	6 months	
	ECE	Nusum Mansoor Ali	Internal		NHCE	6 months	
	ECE	YEDUGURI VAMSIDHAR REDDY	Internal		NHCE	6 months	
41	ECE	Gopu Syam Sundar	Internal	Women Safety using Technology	NHCE	6 months	
	ECE	Illuri Nagaraju	Internal		NHCE	6 months	
	ECE	Makam Reddy Sunil	Internal		NHCE	6 months	
	ECE	Srinath D V	Internal		NHCE	6 months	
42	ECE	A N Somanna	Internal	Ordnance Disposal using Robotics	NHCE	6 months	
	ECE	Karthik K B	Internal		NHCE	6 months	
	ECE	Rithik S M	Internal		NHCE	6 months	
	ECE	Nagendra Rao SN	Internal		NHCE	6 months	
43	ECE	ASHRITHA CHALLA	Internal	Smart Dustbin	NHCE	6 months	
	ECE	SWATHI	Internal		NHCE	6 months	
	ECE	AFSAR	Internal		NHCE	6 months	
	ECE	kusuma sagar	Internal		NHCE	6 months	
44	ECE	Aditya Vilas Thakre	Internal	Design and Analysis of high security smart lock	NHCE	6 months	
	ECE	Anish Kumar	Internal		NHCE	6 months	
	ECE	Pranav Raj	Internal		NHCE	6 months	
	ECE	T. V. Mourya Nikhil	Internal		NHCE	6 months	
45	ECE	T Uday Kiran	Internal	Lane Detection	NHCE	6 months	
	ECE	Tejas B Mukesh	Internal		NHCE	6 months	
	ECE	Mohammed muzammil ahmed	Internal		NHCE	6 months	
46	ECE	Bhoomika P	Internal	Design and Analysis of IoT	NHCE	6 months	
	ECE	Preethisree V	Internal		NHCE	6 months	

46	ECE	Trisha Chatterjee	Internal	based Pollution Monitoring System	NHCE	6 months	
	ECE	Shanika K S	Internal		NHCE	6 months	
47	ECE	Devarasi Swetha	Internal	IoT based human security system	NHCE	6 months	
	ECE	Abhijit G Naik	Internal		NHCE	6 months	
	ECE	Anila D	Internal		NHCE	6 months	
48	ECE	Shwetha S	Internal	Face Recognition for Visually Impaired	NHCE	6 months	
	ECE	Palkuru yashwanth	Internal		NHCE	6 months	
	ECE	Pulla chaveen reddy	Internal		NHCE	6 months	
	ECE	Thallam Vedesh	Internal		NHCE	6 months	
	ECE	K Mohammad Waseem	Internal		NHCE	6 months	
49	ECE	Sibbala Reddi Yaswanth	Internal	Smart Helmet to ensure driver safety	NHCE	6 months	
	ECE	P N Vaishnavi	Internal		NHCE	6 months	
	ECE	Kevin Dennis J	Internal		NHCE	6 months	
	ECE	Athul Gracious	Internal		NHCE	6 months	
50	ECE	Aashish Manikonda	Internal	Spectrum Sensing using energy detection for 4G waveform	NHCE	6 months	
	ECE	G.Ahalya	Internal		NHCE	6 months	
	ECE	P.Anudeep Kumar Reddy	Internal		NHCE	6 months	
	ECE	S.Gnapika	Internal		NHCE	6 months	
51	ECE	U.Naga Nanditha	Internal	Telemedicine system for remote health monitoring	NHCE	6 months	
	ECE	P Sumyukthaa	Internal		NHCE	6 months	
	ECE	Rakshitha L	Internal		NHCE	6 months	
52	ECE	Yathika Evangelin	Internal	Design,Implementation and Analysis Of 6T and 8T SRAM memory Cell	NHCE	6 months	
	ECE	Sahana Kulkarni	Internal		NHCE	6 months	
	ECE	Tanushree Aravind Kumbhare	Internal		NHCE	6 months	
	ECE	Nandhini M	Internal		NHCE	6 months	
53	ECE	Damini Madhurika M	Internal	Design and Development of Smart Hydroponic system	NHCE	6 months	
	ECE	Ajaya A	Internal		NHCE	6 months	
	ECE	Amruth Kiran	Internal		NHCE	6 months	
	ECE	Niranjan B N	Internal		NHCE	6 months	
	ECE	Siddesha M	Internal		NHCE	6 months	

**Project Coordinators**

**HOD-ECE**