

New Horizon College of Engineering
Department of Electronics and Communication Engineering
BE Project Batch Details(Academic Year 2017-18)

Sl.No	Project Batch No.	USN	NAME	Name of the Project	Name of the Guide
1	1	1NH15EC405	Dinesh Chandra P S	Closed loop control for brushless DC motor to run at the exactly entered speed	Dr.Nisha K C R
2		1NH15EC417	Ranjith B		
3		1NH15EC422)	Sunil C P		
4		1NH15EC410	Loknath A		
5	2	1NH15EC433	Rayphale Amit Dhanraj	Cycloconverter using Thyristor	Ms. Dharmambal V
6		1NH14EC416	Prathap H G		
7		1NH13EC123	VetriSelvi P		
8		1NH15EC426	Anil Kumar Biradar		
9	3	1NH15EC401	Amardeep Singh Raghav	Electric line man safety system with OTP based circuit	Mr. Jagdish
10		1NH13EC105	Sunil Kumar Verma		
11		1NH13EC030	Devashish Kumar		
12		1NH13EC737	Nidhi		
13	4	1NH14EC048	Harshitha R	Low Delay based Full adder/subtractor by MIG and COG reversible logic gates	Mr.Mayur
14		1NH14EC049	Harshitha T R		
15		1NH14EC055	Jayashree T		
16	5	1NH14EC701	Abdullah Aejaz	Smart Street Light System based on Image Processing	Mr. Jagdish
17		1NH14EC735	Tarun M		
18		1NH14EC720	Kartheek N		
19	6	1NH14EC152	Pranjal Pokharel	Design & Implementation of Low cost ECG monitoring system for the patients using smart device	Mr. Bhimasen K
20		1NH14EC151	ParbejAlam Khan		
21		1NH14EC155	Vinay Bhandari		
22	7	1NH14EC739	Akshay Kumar Nayaka	Embedded based food quality detection with bio sensor	Ms. Rajini
23		1NH14EC700	Aaliya Ashfaq		
24	8	1NH14EC101	Puneeth N	Smart border defence system	Mr. Bhimasen K
25		1NH14EC027	Darshan P		
26		1NH14EC018	Anil Prasanna		

27	9	1NH13EC702	Abhimanyu Singh	IOT based smart security for agriculture	Ms. Smitha
28		1NH13EC741	Pooja Nair		
29		1NH13EC753	Shreyasi Saha		
30	10	1NH14EC029	Dhanush R	Priority Encoder using reversible logic gates in QCA	Mr. Aravinda
31		1NH14EC010	Alok kumar Swain		
32		1NH14EC427	Koushik G K		
33	11	1NH12EC126	Y Vamsi Krishna	IOT based vehicle parking manager	Ms. Rajini
34		1NH13EC012	Arjun Reddy		
35		1NH14EC139	T Hemanth Kumar		
36	12	1NH13EC079	Pratik M Shankar	Smart Highway real time monitoring system	Mr. Sachin
37		1NH13EC084	Rahul Kale		
38		1NH13EC067	Nithin R		
39	13	1NH14EC110	S Divya	An Android based wireless ECG monitoring system for cardiac arrhythmia	Mr. Bhimaseen
40		1NH14EC127	Sonia Mahadev		
41		1NH14EC133	Suchithra S		
42	14	1NH14EC112	Sachin R	Design of two bit ALU using CMOS & GDI Logic architecture	Mr. Rajiv Gopal
43		1NH14EC113	Sachin R M		
44		1NH14EC118	Sanjay S Nayak		
45	15	1NH14EC067	Kiran Kumar R	FPGA implementation of FFT	Mr. Karthik
46		1NH14EC076	Manu N		
47		1NH14EC074	Mallikurjan		
48	16	1NH14EC130	V Sowmya Priya	Passenger Bus alert system for easy navigation blind	Ms. Thanuja
49		1NH14EC129	Soundarya M		
50		1NH14EC157	Niketha		
51	17	1NH14EC728	Preethi M S	Design & development of customized flue gas analyser for	Ms. Shachi
52		1NH15EC402	Bharath Kumar N		
53	18	1NH14EC056	Jerlin S	Motion detectin using optical flow and standard deviation	Ms. Aparna
54		1NH14EC059	Jagathejeswar Reddy		
55		1NH14EC071	M S Ajay		
56	19	1NH14EC431	Rahul J U	Comparison of pixel level and feature level image fusion method	Ms. Jayanthi
57		1NH14EC401	Anand R		
58		1NH14EC407	Jagadeesh V S		

59	20	1NH14EC092	Pawan Kaushik	VLSI implementation of OFDM IP	Ms Monika Gupta
60		1NH14EC028	Deekshitha R		
61		1NH14EC024	Chandana S M		
62	21	1NH12EC049	Lokesh G	Keyless ignition system and smart riding	Ms Sushmitha
63		1NH13EC127	Vishal C Rai		
64		1NH14EC418	Prithvi Raj		
65	22	1NH14EC426	Bharath M	Shuttling metro train between stations	Ms. Shachi
66		1NH14EC020	Bharthi V		
67		1NH14EC032	Naveen Kumar D		
68	23	1NH14EC138	Tejaswini M	VLSI implementation of AES encryption/decryption algorithm	Ms. Nayana
69		1NH14EC064	Karthik K		
70		1NH14EC072	Mahalakshmi T S		
71	24	1NH14EC075	Manasa H R	TIQ comparator based three bit flash ADC	Mr. Mayur
72		1NH14EC146	Maheshwar Reddy		
73		1NH14EC140	Thulasi Ram R		
74	25	1NH14EC136	Swathi V S	IOT based in-patients monitoring system and post hospital health care system(wireless wearable)	Mr. Ugrasena M
75		1NH14EC713	Jennifer M V		
76		1NH15EC428	Lavanya B		
77	26	1NH15EC404	Deepa T N	Circuits and systems for smart wearables	Ms. Maheshwari
78		1NH14EC124)	Shereen John		
79		1NH14EC030	Dilip Kumar R P		
80	27	1NH14EC109	Shama Mohsin S	Data acquisition system from under water sensors	Mr. Naveen
81		1NH14EC022	Meghana C		
82		1NH14EC066	Keerthana R		
83	28	1NH14EC090	Pallavi G A	Plant disease detection using digital image processing and GSM	Ms Monika Gupta
84		1NH14EC083	Nanda Gopal Naik		
85		1NH14EC089	P Sravani		
86		1NH14EC111	S Monica		
87		1NH14EC104	Reine D B		

88	29	1NH14EC741	Amrutha Reddy R G	Rain drop detection and removal using K-Means clustering	Ms. Sushmitha
89		1NH14EC752	Rama Tonapi		
90		1NH14EC758	Varsha G Hiregoudar		
91	30	1NH14EC093	Pavithra M	Improve detection of least significant bit steganography algorithms in colour and gray	Ms. Jayanthi
92		1NH14EC096	Prakruthi M		
93		1NH14EC070	Lakshmi M		
94	31	1NH14EC036	Gaurav Kumar Gupta	Assesment of noise reduction in ultra sound images of common caotit and brachial activities	Ms. Ishani Mishra
95		1NH14EC077	Mohammed Asif		
96		1NH14EC154	Avijnan M		
97	32	1NH14EC131	Sowmya N	Smart specs:voice assisted text reading system for visually impaired persons using TTS	Ms. Nayana
98		1NH14EC145	Yaduguri Sravani		
99		1NH14EC402	Beulah James		
100	33	1NH14EC003	Adarsh Gowda A P	Combination of contrast limited adaptive histogram equalisation & discrete Wavelet transform for	Mr.Madhukar
101		1NH14EC005	Agnesh Sneha K		
102		1NH14EC014	Amrutha Varshini B		
103	34	1NH14EC044	Harish T	Touch less user interface with Gesture recognition using image processing	Ms.Thanuja
104		1NH14EC045	Harsha K S		
105		1NH14EC143	Vinay Prasad N		
106	35	1NH14EC705	Arun R	Smart Pill Box	Ms.Lipsa Dash
107		1NH14EC707	Bhavani R		
108		1NH14EC732	Rethna Jennifer S		
109	36	1NH14EC034	G Gowtham Sai Gopal	Smart Solar grass cutter with lawn coverage	Ms Dhivya Rajan
110		1NH14EC040	G Pardhasaradhi Reddy		
111		1NH14EC051	Hema Shree G		
112	37	1NH13EC755	Shubhang Mishra	Weather forecast system using machine learning and neural networks	Ms Divya Sharma
113		1NH13EC008	Amritnath V		
114		1NH14EC703	Amrut N G		
115		1NH14EC751	PriyaPai K		
116	38	1NH14EC057	K Gnaneshwar	Real time paddy crop field monitoring using Zigbee network	Mr.Bhimasen K
117		1NH14EC095	P Kushal Reddy		
118		1NH14EC058	Pranav Bhargav Reddy K R		

119	39	1NH14EC120	Sharat S	Zigbee based wireless system	Ms Lipsa Dash
120		1NH14EC050	Sonal S		
121		1NH14EC004	Agnes Maria		
122	40	1NH13EC060	SrinivasRavikanth	Micro controller controlled Buck converter	Ms Dharamambal
123		1NH14EC420	Shivaranjan		
124		1NH14EC085	Naveen M		
125	41	1NH14EC117	Sanjana K K	Mute speech: A proficient technique to communicate with differentially abled people using a combination of sensor devices	Ms. Parul
126		1NH14EC134	Sushmitha		
127		1NH14EC153	Suraksha Choudhary		
128	42	1NH14EC710	Fiona Nikhita Pinto	High voltage, High frequency electro spinning Nano-fibre generator	Mr.Ashutosh
129		1NH14EC150	Neha Singh		
130		1NH14EC031	Dinaz Z Shalapurwala		
131	43	1NH14EC092	Pavan Kumar Reddy	Smart ultrasonic insects repellent with DTMF and Manual control for agriculture	Ms.Dhivya Rajan
132		1NH14EC012	Amruth Raju		
133		1NH14EC156	Prathlada Reddy		
134	44	1NH14EC009	Alankrit Mishra	Child Security devices	Ms.Divya Sharma
135		1NH14EC080	Monika Yadav		
136		1NH14EC073	Malbik Singh		
137	45	1NH14EC704	Arun Kumar S	Effect of magnetic properties of substrates on microstrip antenna parameter	Mr.Ashutosh
138		1NH14EC718	Suneetha		
139		1NH14EC716	Kavyashree		
140	46	1NH13EC108	Akhil Ravishankar	Smart Mirror(With a Personal AI)	Ms. Aparna
141		1NH14EC706	Baba KedarnathSahu		
142		1NH14EC729	Purushothaman E		
143	47	1NH14EC754	Rohith Prasad K M	Standard Cell Library Design using 90 nm Technology	Mr.Rajiv Gopal
144		1NH14EC745	Harish P		
145		1NH14EC753	Rigil Gracious		
146		1NH14EC714	Kandati Praveen Kumar		

147	48	1NH14EC106	Rini Elizabeth Alex	Wireless Transfer of Solar Power for charging mobile devices in a vehicle	Ms.Maheshwari
148		1NH14EC108	Ruby Khan		
149		1NH14EC081	Muheed Pasha		
150	49	1NH14Ec043	Harish P	Character Recognition from Image	Ms.Jayanthi
151		1NH14EC068	Kiran R		
152		1NH14EC119	Santhosh M		
153	50	1NH14EC069	Krishna Priya	Partial face recognition and facial expression recognition	Ms. Ishani Mishra
154		1NH14EC065	Kashmita D		
155	51	1NH14EC755	Shraddha Kiran	An Effective real time solid waste management system	Ms. Sujita Harish
156		1NH14EC757	Soumyashree C Javali		
157		1NH14EC738	Akash Bhardwaj		
158	52	1NH14EC115	Sai Manoj N	Morse code security system via visible light communication using Matlab	Dr Mohan Naik
159		1NH14EC121	Shiva Kumar S		
160		1NH15EC419	ShivarajDS		
161	53	1NH14EC 091	Parthivi Singh	Multiple constant multiplication with ternary adders	Mr. Madhukar
162		1NH14EC135	Swaroop Reddy		
163		1NH14EC041	Harish K		
164	54	1NH14EC741	Mohd. Saquib Pasha	Smart Crossing system using IoT	Ms Smitha
165		1NH14EC749	Nayan Kumar		
166		1NH15EC431	Prem Kumar		
167	55	1NH14EC736	Vanitha T	Multi channel data acquisition and wireless communication FPGA based system to real time remote monitoring	Ms.Parul
168		1NH14EC740	Ambika M R		
169		1NH15EC407	Geetha D S		
170		1NH15EC400	Komaleswari		
171	56	1NH14EC017	Anu Reddy	Advanced foot step power generation system	Dr. Nisha K .C.R.
172		1NH14EC142	Varsha A		
173		1NH14EC126	Sirisha S		