

**New Horizon College of Engineering**  
**Department of Electronics and Communication Engineering**  
**BE Project Batch Details(Academic Year 2016-17)**

<b>Batch No.</b>	<b>Students' Name &amp; USN</b>	<b>Project Title</b>	<b>Internal Guide</b>
1	Megha S R (1NH13EC063)	ECG Signal Analysis Using DWT	Mr. Madhukar B N
	Sithara T R (1NH13EC102)		
2	Aishwarya Sudarshan (1NH13EC003)	Design and Development of Printed Circuit Antenna	Ms. Apeksha
	Vijay Krishna Sharma(1NH13EC124)		
	Abhishek M (1NH13EC001)		
3	Divya (1NH13EC034)	Convolutional Encoder Implementation Using FPGA	Ms. Divya Rajan
	Kavya S (1NH13EC050)		
	Akshaya S (1NH13EC006)		
4	Jonathan K (1NH13EC046)	Design of Antenna System on Rover for ISRO Chandrayaan-II	Mr. Ugrasen
	Jerald Manuel P (1NH13EC044)		
	Dhanush Kumar C (1NH13EC137)		
5	Benoy Samuel M (1NH13EC017)	Offline Soft-Switched LED Driver Based on An Integrated Converter	Ms. V. Dharmambal
	Arun Kumar (1NH13EC013)		
6	Chinmay U K (1NH13EC025)	Automated Shopping Trolley Using Arm processor	Dr. Mohan K Naik
	Lahari Prasad (1NH13EC070)		
7	AksharaMurali N (1NH13EC005)	Processing of EEG Signal Using S Transform	Mr. Madhukar B N
	Kevin Gonsalves (1NH13EC052)		
	Akhila Venugopal (1NH13EC004)		
8	Pavithra T G (1NH13EC074)	Design and Implementation of Advanced Security System-Invisible Eye	Mr. Aravinda.K
	Sampada Aryal(1NH13EC091)		
	Lakshme A (1NH14EC409)		
9	Pragathi Prabhu(1NH13EC078)	(Embedded System Based) Automated Accident Alert Mechanism With Higher End Safety Protocol	Ms. Simi Ranjith
	Lavanya S (1NH13EC058)		
	Safvana K K (1NH13EC089)		

10	Swapna N (1NH13EC110)	Waste Segregation Using Smart Dustbin	Ms. Divya Sharma
	Sushma N (1NH13EC108)		
	Yerra Mounika (1NH13EC131)		
11	Chelsea Susan M (1NH13EC023)	Design of Low Power Operational amplifier for Real Time Signal Processing System of	Ms. Neethu
	Sheetal Agarwal(1NH13EC097)		
12	Peketi Reshma (1NH13EC075)	Smart Security Solution For Women Based On IoT	Ms. Monika Gupta
	Varsha K V (1NH13EC121)		
13	Manjunatha (1NH13EC088)	Highway Bridge Monitoring System for Overload	Ms. Neethu
	Sagar D N (1NH13EC090)		
	Nagesh C R (1NH13EC064)		
14	Jiji M Varghese (1NH13EC045)	VHDL Implementation of ALL Digital Phase Lock Loop(ADPLL)	Ms. Divya Rajan
	Jayashree J (1NH13EC041)		
	Aparna Revi (1NH13EC011)		
	Athira Revi (1NH13EC015)		
15	Kavya K (1NH13EC049)	Design and Implementation of a DDR SDRAM controller for embedded system.	Ms. Divya Rajan
	Jyoti Dhage (1NH13EC048)		
	Diana Leniat Dias (1NH13EC032)		
16	Ranganath K (1NH13EC085)	Implementation of Edge Detection Technique in real world Images	Ms. Sushmitha
	Kushal V (1NH13EC056)		
	Parashuram K (1NH13EC071)		
17	Sushmitha Mohapatra (1NH13EC109)	Horizontal Navigation With Desired Track Guidance.	Ms. Divya Sharma
	Tasmia Shafi (1NH13EC116)		
18	Swaroop Mithra (1NH13EC111)	Perceptual Video Hashing Based on Transformation Technique	Ms. Aiswarya Prasad
	Sadrak T (1NH13EC115)		
19	Deepu C Babu (1NH13EC029)	Wearable ECG and Sleep Pattern Detector	Ms. Nayana G H
	Darshan V (1NH13EC028)		
	Arun Kumar(1NH13EC014)		
20	Syeda Sana (1NH13EC114)	An IoT Based Smart Manifold Attendance Monitoring System	Dr. Sanjay Jain
	Liby Ann Baby (1NH13EC059)		
21	Mahesh Kumar (1NH13EC036)	FPGA Implementation of USB 3.0 (Super-Speed Bus) Function IP Protocol Using Verilog	Ms. Simi Ranjith
	Madhu V (1NH13EC061)		
	Kushal Kumar (1NH13EC055)		

22	Yashaswini C (1NH13EC130)	Haptic Robotic Arm	Ms. Smitha
	Thejaswini K (1NH13EC118)		
	Gowthami P(1NH13EC038)		
23	Syed Sameer (1NH13EC113)	OFDM Techniques in LTE	Ms. I K Thanuja
	Joseph Stalin (1NH13EC047)		
	Vijay S (1NH13EC125)		
24	Ankam Lakshmipathi (1NH13EC010)	Implementing RF Chain to improve SNR using Simulink and MATLAB	Ms. Sheeba Kumari
	Jeevitha Naidu (1NH13EC042)		
25	Saranya A(1NH13EC095)	Image Restoration Using Different Types of Filtering Techniques	Ms. Sushmitha
	Praveen U (1NH13EC119)		
26	Chethan C (1NH13EC024)	Gridnet- Power Line Communication	Ms. V. Dharmambal
	Bharath B L (1NH13EC018)		
	Hemanth Kumar(1NH13EC027)		
27	Bhuvan Yoga J (1NH13EC021)	RFID Based School Bus Tracking and Security System.	Mr. Bhimasen
	Adnan (1NH13EC002)		
28	Anand B V (1NH13EC009)	Spatial and Adaptive Median Filter For Noise Removal In Digital Images	Ms. Ishani Mishra
	Sanjay S (1NH13EC092)		
	Amareshwar Babu.U (1NH13EC007)		
29	Neelam Gupta (1NH13EC065)	Noise Removal of Hearing Aids System For Impaired People	Ms. Sheeba Kumari
	Nischitha A (1NH13EC066)		
	Parvathy K (1NH13EC072)		
30	Kiran R(1NH13EC054)	Currency Recognition System Using Image Processing	Ms. Ishani Mishra
	Domnic Paul H(1NH13EC035)		
31	Rachana N Patil (1NH13EC083)	3D Trilateration and Modelling	Ms. Aiswarya Prasad
	Shruthi H V (1NH13EC098)		
	Pooja C (1NH13EC077)		
32	Divith S(1NH13EC033)	Modified Billing Process For Canteen Management System Using RFID	Ms. M Maheswari
	Hemanth Kumar(1NH14EC406)		
	Bharath Reddy H N(1NH13EC019)		
33	Keerthi V A (1NH14EC408)	Biometric Finger Print Based Electronic Voting System	Ms. Apeksha
	Sridevi S (1NH14EC422)		
	Geetha V(1NH14EC405)		

34	R. Prashanth Kumar(1NH13EC082)	IoT Based Smart Refrigerator	Ms. Aiswarya Prasad
	Kusumanjali.S(1NH13EC057)		
35	Pushpa S M(1NH13EC081)	Automatic Detection & Notification of potholes and Humps on Roads to Aid drivers	Mr. Ashutosh
	Shruthi R Barker(1NH13EC099)		
	Manjutha M(1NH13EC062)		
36	Balu V Reddy(1NH13EC016)	Zigbee based Secure Wireless Transmission Using Blow-Fish Algorithm	Ms. Divya Sharma
	Bhaswanth M (1NH13EC020)		
37	Aravind P R (1NH14EC414)	<i>Home Automation Based on IoT</i>	Ms. I K Thanuja
	<i>Cariappa K (1NH14EC404)</i>		
38	Shubham Shekhar (1NH13EC101)	Remote monitoring and Intelligent Analysis Platform for Water Quality in Lake Reservoir	Ms. Maheshwari
	Soham Ghosh (1NH13EC103)		
39	Pavan S A(1NH14EC415)	Implementation of a secure and energy efficient multipath routing protocol	Ms. Divya Sharma
	Pavan I V(1NH13EC135)		
	Nagesh V (1NH14EC412)		
40	Punith P.H.(1NH14EC419)	Rescue and Protection For Underground Mine Workers	Ms. Monika Gupta
	Thushar (1NH14EC423)		
	Madan Raj (1NH14EC411)		
41	PruthiviRaj (1NH14EC418)	Automatic Toll e-Ticketing Using NFC	Mr. Bhimasen
	Roja (1NH14EC420)		
	Bharath M (1NH14EC403)		