



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Projects 2016

Sl. No.	Title of the collaborative activity	Name of the collaborating agency	Name of the participant	Year of collaboration	Duration	Nature of the activity
1	Design & development of impulse generator for 90kv, 1.2us/50us lightening impulse	New Horizon College of Enginnering, Bnagalore	Gaurav Kumar Singh	2016	4 Months	Project Work
2	Design & development of impulse generator for 90kv, 1.2us/50us lightening impulse	New Horizon College of Enginnering, Bnagalore	Roshni Z Sholapurwala	2016	4 Months	Project Work
3	Design & development of impulse generator for 90kv, 1.2us/50us lightening impulse	New Horizon College of Enginnering, Bnagalore	S.Paresh	2016	4 Months	Project Work
4	Design & development of energy storage capacitor discharge spot welding machine	New Horizon College of Enginnering, Bnagalore	Megha Shree. M.N	2016	4 Months	Project Work
5	Design & development of energy storage capacitor discharge spot welding machine	New Horizon College of Enginnering, Bnagalore	S M Salim	2016	4 Months	Project Work
6	Design & development of energy storage capacitor discharge spot welding machine	New Horizon College of Enginnering, Bnagalore	Jaideep Bhagat	2016	4 Months	Project Work
7	Microcontroller based Robotic Arm with gesture control	New Horizon College of Enginnering, Bnagalore	Abhinandan Sadalagi	2016	4 Months	Project Work
8	Microcontroller based Robotic Arm with gesture control	New Horizon College of Enginnering, Bnagalore	Abhishek.N.M.V	2016	4 Months	Project Work
9	Microcontroller based Robotic Arm with gesture control	New Horizon College of Enginnering, Bnagalore	Dileep. K	2016	4 Months	Project Work
10	Microcontroller based Robotic Arm with gesture control	New Horizon College of Enginnering, Bnagalore	Shridhar Mallapa Dadamani	2016	4 Months	Project Work
11	Incremental conductance MPPT algorithm of PV system for 3 phase induction motor drive	New Horizon College of Enginnering, Bnagalore	Dhiraj Prabhakar	2016	4 Months	Project Work
12	Incremental conductance MPPT algorithm of PV system for 3 phase induction motor drive	New Horizon College of Enginnering, Bnagalore	Ankit Kumar	2016	4 Months	Project Work

13	Incremental conductance MPPT algorithm of PV system for 3 phase induction motor drive	New Horizon College of Enginnering, Bnagalore	Brahmanand Vidyadhar Keste	2016	4 Months	Project Work
14	Incremental conductance MPPT algorithm of PV system for 3 phase induction motor drive	New Horizon College of Enginnering, Bnagalore	Anibran Mondal	2016	4 Months	Project Work
15	Implementation of Smart Solar Inverter	New Horizon College of Enginnering, Bnagalore	Avinaba Dutta	2016	4 Months	Project Work
16	Implementation of Smart Solar Inverter	New Horizon College of Enginnering, Bnagalore	Anupama Ramesan	2016	4 Months	Project Work
17	Implementation of Smart Solar Inverter	New Horizon College of Enginnering, Bnagalore	Ankita Niket	2016	4 Months	Project Work
18	Implementation of Smart Solar Inverter	New Horizon College of Enginnering, Bnagalore	Maria Thomas	2016	4 Months	Project Work
19	Renewable energy generation using Back EMF of motor and solar power	New Horizon College of Enginnering, Bnagalore	Vishal Jayanth Raj J	2016	4 Months	Project Work
20	Renewable energy generation using Back EMF of motor and solar power	New Horizon College of Enginnering, Bnagalore	Nischal Prakash	2016	4 Months	Project Work
21	Renewable energy generation using Back EMF of motor and solar power	New Horizon College of Enginnering, Bnagalore	Shwetha P. L	2016	4 Months	Project Work
22	High setup DC-DC converter for fuel cell application	New Horizon College of Enginnering, Bnagalore	Jagadish	2016	4 Months	Project Work
23	High setup DC-DC converter for fuel cell application	New Horizon College of Enginnering, Bnagalore	Shivaprakash. N	2016	4 Months	Project Work
24	High setup DC-DC converter for fuel cell application	New Horizon College of Enginnering, Bnagalore	Avinash A B	2016	4 Months	Project Work
25	Green energy – hybrid power generation (Solar and wind)	New Horizon College of Enginnering, Bnagalore	Prasanna. R	2016	4 Months	Project Work
26	Green energy – hybrid power generation (Solar and wind)	New Horizon College of Enginnering, Bnagalore	Sagar. S	2016	4 Months	Project Work
27	Green energy – hybrid power generation (Solar and wind)	New Horizon College of Enginnering, Bnagalore	Sion K Sunny	2016	4 Months	Project Work
28	Green energy – hybrid power generation (Solar and wind)	New Horizon College of Enginnering, Bnagalore	Steve Rohan. G	2016	4 Months	Project Work
29	Noise pollution as a source of energy	New Horizon College of Enginnering, Bnagalore	Navneet Das	2016	4 Months	Project Work
30	Noise pollution as a source of energy	New Horizon College of Enginnering, Bnagalore	Arunanshu Chakraborty	2016	4 Months	Project Work

31	Noise pollution as a source of energy	New Horizon College of Enginnering, Bnagalore	Saikat Adhikary	2016	4 Months	Project Work
32	Noise pollution as a source of energy	New Horizon College of Enginnering, Bnagalore	Shuvam Samanta	2016	4 Months	Project Work
33	High frequency link based grid – tied PV system with small DC link capacitor & low frequency ripple free maximum power point tracking	New Horizon College of Enginnering, Bnagalore	Anandu S Nair	2016	4 Months	Project Work
34	High frequency link based grid – tied PV system with small DC link capacitor & low frequency ripple free maximum power point tracking	New Horizon College of Enginnering, Bnagalore	Pooja Ghosh	2016	4 Months	Project Work
35	High frequency link based grid – tied PV system with small DC link capacitor & low frequency ripple free maximum power point tracking	New Horizon College of Enginnering, Bnagalore	Raghavendra M.S	2016	4 Months	Project Work
36	High frequency link based grid – tied PV system with small DC link capacitor & low frequency ripple free maximum power point tracking	New Horizon College of Enginnering, Bnagalore	V. Prathiba	2016	4 Months	Project Work
37	Commercial fire extinguishing and wireless energy monitoring by renewable resources.	New Horizon College of Enginnering, Bnagalore	Syed Abrar Moize	2016	4 Months	Project Work
38	Commercial fire extinguishing and wireless energy monitoring by renewable resources.	New Horizon College of Enginnering, Bnagalore	Shashidhar. J. M	2016	4 Months	Project Work
39	Commercial fire extinguishing and wireless energy monitoring by renewable resources.	New Horizon College of Enginnering, Bnagalore	Manjunath. T. G	2016	4 Months	Project Work
40	Commercial fire extinguishing and wireless energy monitoring by renewable resources.	New Horizon College of Enginnering, Bnagalore	Devish. D	2016	4 Months	Project Work
41	Modelling of Automatic power switching control using ARM Micro controller	New Horizon College of Enginnering, Bnagalore	T. Nidhi	2016	4 Months	Project Work
42	Modelling of Automatic power switching control using ARM Micro controller	New Horizon College of Enginnering, Bnagalore	Pooja Rani	2016	4 Months	Project Work
43	Modelling of Automatic power switching control using ARM Micro controller	New Horizon College of Enginnering, Bnagalore	Priyanka Agarwal	2016	4 Months	Project Work
44	A novel battery charger for hybrid electric vehicles	New Horizon College of Enginnering, Bnagalore	Megashree. R	2016	4 Months	Project Work
45	A novel battery charger for hybrid electric vehicles	New Horizon College of Enginnering, Bnagalore	Arpitha. S. S	2016	4 Months	Project Work

46	A novel battery charger for hybrid electric vehicles	New Horizon College of Enginnering, Bnagalore	Bhargavi. K	2016	4 Months	Project Work
47	Motor parameter monitoring system	New Horizon College of Enginnering, Bnagalore	Vinitha. A	2016	4 Months	Project Work
48	Motor parameter monitoring system	New Horizon College of Enginnering, Bnagalore	Anjana Devi S	2016	4 Months	Project Work
49	Motor parameter monitoring system	New Horizon College of Enginnering, Bnagalore	Rajee. V	2016	4 Months	Project Work
50	Motor parameter monitoring system	New Horizon College of Enginnering, Bnagalore	Shaik Abdullah J	2016	4 Months	Project Work
51	Automatic accident zone detector with speed control	New Horizon College of Enginnering, Bnagalore	Ganapathi	2016	4 Months	Project Work
52	Automatic accident zone detector with speed control	New Horizon College of Enginnering, Bnagalore	Abhishek. K.S	2016	4 Months	Project Work
53	Automatic accident zone detector with speed control	New Horizon College of Enginnering, Bnagalore	Prasan Tamang	2016	4 Months	Project Work
54	Automatic accident zone detector with speed control	New Horizon College of Enginnering, Bnagalore	Nilanjen Sen	2016	4 Months	Project Work
55	Drop weight generator	New Horizon College of Enginnering, Bnagalore	Sujith A	2016	4 Months	Project Work
56	Drop weight generator	New Horizon College of Enginnering, Bnagalore	Thongam Boldson Singh	2016	4 Months	Project Work
57	Drop weight generator	New Horizon College of Enginnering, Bnagalore	Suraj Suresh	2016	4 Months	Project Work
58	Drop weight generator	New Horizon College of Enginnering, Bnagalore	Venu M S	2016	4 Months	Project Work
59	Auto Power Supply Control from H Different Sources	New Horizon College of Enginnering, Bnagalore	ABDUL WAI	2016	4 Months	Project Work
60	Auto Power Supply Control from H Different Sources	New Horizon College of Enginnering, Bnagalore	ABHISHEK KUMAR	2016	4 Months	Project Work
61	Auto Power Supply Control from H Different Sources	New Horizon College of Enginnering, Bnagalore	MEGHNA RAJ	2016	4 Months	Project Work
62	Auto Power Supply Control from H Different Sources	New Horizon College of Enginnering, Bnagalore	ANAMIKA KUMARI	2016	4 Months	Project Work
63	Solar Street Lightening with Auto Turn Of At Day Time	New Horizon College of Enginnering, Bnagalore	SWATHI S	2016	4 Months	Project Work
64	Solar Street Lightening with Auto Turn Of At Day Time	New Horizon College of Enginnering, Bnagalore	SATYA PRAKASH DIXIT	2016	4 Months	Project Work

65	Solar Street Lightening with Auto Turn Of At Day Time	New Horizon College of Enginnering, Bnagalore	S PRASHANT	2016	4 Months	Project Work
66	Solar Street Lightening with Auto Turn Of At Day Time	New Horizon College of Enginnering, Bnagalore	VINITA KUMARI JHAKRA	2016	4 Months	Project Work
67	Automatic Controlling of Electrical Devices using Automatic active phase selector for single phase load from 3 phase supply & detection of phase fault	New Horizon College of Enginnering, Bnagalore	AMIT KUMAR	2016	4 Months	Project Work
68	Automatic Controlling of Electrical Devices using Automatic active phase selector for single phase load from 3 phase supply & detection of phase fault	New Horizon College of Enginnering, Bnagalore	PRADEEP CHOUDHARY	2016	4 Months	Project Work
69	Automatic Controlling of Electrical Devices using Automatic active phase selector for single phase load from 3 phase supply & detection of phase fault	New Horizon College of Enginnering, Bnagalore	ANJALI KUMARI	2016	4 Months	Project Work
70	Automatic Controlling of Electrical Devices using Automatic active phase selector for single phase load from 3 phase supply & detection of phase fault	New Horizon College of Enginnering, Bnagalore	S MASOODA KHANAM	2016	4 Months	Project Work
71	Fault & Overload Diction & Correction in AC Motor with ON and OFF Control	New Horizon College of Enginnering, Bnagalore	JESWANTH T L	2016	4 Months	Project Work
72	Fault & Overload Diction & Correction in AC Motor with ON and OFF Control	New Horizon College of Enginnering, Bnagalore	BHARTESH BIRADAR	2016	4 Months	Project Work
73	Fault & Overload Diction & Correction in AC Motor with ON and OFF Control	New Horizon College of Enginnering, Bnagalore	PRASHANT PRALHAD	2016	4 Months	Project Work
74	Fault & Overload Diction & Correction in AC Motor with ON and OFF Control	New Horizon College of Enginnering, Bnagalore	SHIVAJI AGSAR	2016	4 Months	Project Work
75	Bidirectional Rotation of Induction Motor Without Run Capacitor	New Horizon College of Enginnering, Bnagalore	MANAN PATEL	2016	4 Months	Project Work
76	Bidirectional Rotation of Induction Motor Without Run Capacitor	New Horizon College of Enginnering, Bnagalore	RAKSHITHA P	2016	4 Months	Project Work
77	Bidirectional Rotation of Induction Motor Without Run Capacitor	New Horizon College of Enginnering, Bnagalore	K.MD.ZAKI.AHMED	2016	4 Months	Project Work
78	Bidirectional Rotation of Induction Motor Without Run Capacitor	New Horizon College of Enginnering, Bnagalore	ASHHAR AZIZ	2016	4 Months	Project Work
79	Transformer Fault Analysis and Protection	New Horizon College of Enginnering, Bnagalore	SUKANYA.M	2016	4 Months	Project Work

80	Transformer Fault Analysis and Protection	New Horizon College of Enginnering, Bnagalore	SHRADDHA SHREE BAJPAI	2016	4 Months	Project Work
81	Transformer Fault Analysis and Protection	New Horizon College of Enginnering, Bnagalore	SUPRITHA BHASKER	2016	4 Months	Project Work
82	Transformer Fault Analysis and Protection	New Horizon College of Enginnering, Bnagalore	MANASA V.P	2016	4 Months	Project Work
83	Modelling and implementation of PICO – Hydro Electric Generation Set	New Horizon College of Enginnering, Bnagalore	BARUN KUMAR YADAV	2016	4 Months	Project Work
84	Modelling and implementation of PICO – Hydro Electric Generation Set	New Horizon College of Enginnering, Bnagalore	G D MANASA DEVI	2016	4 Months	Project Work
85	Modelling and implementation of PICO – Hydro Electric Generation Set	New Horizon College of Enginnering, Bnagalore	KARTHIK M	2016	4 Months	Project Work
86	Modelling and implementation of PICO – Hydro Electric Generation Set	New Horizon College of Enginnering, Bnagalore	NIKHITHA V S	2016	4 Months	Project Work
87	Design and Development of High Voltage/ Current System for HHO Cell A Green Energy System	New Horizon College of Enginnering, Bnagalore	AYUSH TIWARI	2016	4 Months	Project Work
88	Design and Development of High Voltage/ Current System for HHO Cell A Green Energy System	New Horizon College of Enginnering, Bnagalore	SANJEEV KUMAR SINGH	2016	4 Months	Project Work
89	Design and Development of High Voltage/ Current System for HHO Cell A Green Energy System	New Horizon College of Enginnering, Bnagalore	NEERAJ KUMAR	2016	4 Months	Project Work
90	Design and Development of High Voltage/ Current System for HHO Cell A Green Energy System	New Horizon College of Enginnering, Bnagalore	ALOK KUMAR	2016	4 Months	Project Work
91	Electronic soft start of 3 phase induction motor	New Horizon College of Enginnering, Bnagalore	SAURAV (AKHILESH)	2016	4 Months	Project Work
92	Electronic soft start of 3 phase induction motor	New Horizon College of Enginnering, Bnagalore	SAURAV (NAWAL)	2016	4 Months	Project Work
93	Electronic soft start of 3 phase induction motor	New Horizon College of Enginnering, Bnagalore	NITESH KUMAR	2016	4 Months	Project Work
94	Speed Control of Induction Motor V/F Method	New Horizon College of Enginnering, Bnagalore	MANU C GOWDA	2016	4 Months	Project Work
95	Speed Control of Induction Motor V/F Method	New Horizon College of Enginnering, Bnagalore		2016	4 Months	Project Work
96	Speed Control of Induction Motor V/F Method	New Horizon College of Enginnering, Bnagalore	RAGHU K C	2016	4 Months	Project Work

97	Speed Control of Induction Motor V/F Method	New Horizon College of Enginnering, Bnagalore	SURE SAI KUMAR	2016	4 Months	Project Work
98	Speed Control of Induction Motor V/F Method	New Horizon College of Enginnering, Bnagalore	YASHODHAR R	2016	4 Months	Project Work
99	Bidirectional DC – DC Converter for Efficient Battery Charging for Current Source Inverter 1 Grid Power Control	New Horizon College of Enginnering, Bnagalore	ARKA DHARA	2016	4 Months	Project Work
100	Bidirectional DC – DC Converter for Efficient Battery Charging for Current Source Inverter 1 Grid Power Control	New Horizon College of Enginnering, Bnagalore	ANKIT ACHERJEE	2016	4 Months	Project Work
101	Bidirectional DC – DC Converter for Efficient Battery Charging for Current Source Inverter 1 Grid Power Control	New Horizon College of Enginnering, Bnagalore	ANIKET BOSE	2016	4 Months	Project Work
102	Pedal Generator	New Horizon College of Enginnering, Bnagalore	B. ASHWIN	2016	4 Months	Project Work
103	Pedal Generator	New Horizon College of Enginnering, Bnagalore	BAIJU B NAMBIAR	2016	4 Months	Project Work
104	Pedal Generator	New Horizon College of Enginnering, Bnagalore	KISHORE KUMAR O	2016	4 Months	Project Work
105	Pedal Generator	New Horizon College of Enginnering, Bnagalore	SHAIK IRSHAD	2016	4 Months	Project Work
106	Position & Speed Control of Brushless De Motor (BLDC) using sensorless Techniques and Application Trends	New Horizon College of Enginnering, Bnagalore	PRADIPTA SANNYASI	2016	4 Months	Project Work
107	Position & Speed Control of Brushless De Motor (BLDC) using sensorless Techniques and Application Trends	New Horizon College of Enginnering, Bnagalore	SUMIT CHATTERJEE	2016	4 Months	Project Work
108	Position & Speed Control of Brushless De Motor (BLDC) using sensorless Techniques and Application Trends	New Horizon College of Enginnering, Bnagalore	SONIYA PATRA	2016	4 Months	Project Work
109	Position & Speed Control of Brushless De Motor (BLDC) using sensorless Techniques and Application Trends	New Horizon College of Enginnering, Bnagalore	PRASENJIT DUTTA	2016	4 Months	Project Work
110	Automatic Selection of any available phase in a 3 phase power supply	New Horizon College of Enginnering, Bnagalore	ADITYA UNNIKRISHNAN	2016	4 Months	Project Work
111	Automatic Selection of any available phase in a 3 phase power supply	New Horizon College of Enginnering, Bnagalore	BIRENDER SINGH	2016	4 Months	Project Work

112	Automatic Selection of any available phase in a 3 phase power supply	New Horizon College of Enginnering, Bnagalore	DINESH KUMAR	2016	4 Months	Project Work
113	Simulation and implementation of high efficiency MOSFET transformer less inverter for nonisolated micro inverter application	New Horizon College of Enginnering, Bnagalore	MANJUNATH GOWDAR. H.E	2016	4 Months	Project Work
114	Simulation and implementation of high efficiency MOSFET transformer less inverter for nonisolated micro inverter application	New Horizon College of Enginnering, Bnagalore	SARANG G	2016	4 Months	Project Work
115	Simulation and implementation of high efficiency MOSFET transformer less inverter for nonisolated micro inverter application	New Horizon College of Enginnering, Bnagalore	SHABAREESH G	2016	4 Months	Project Work
116	Simulation and implementation of high efficiency MOSFET transformer less inverter for nonisolated micro inverter application	New Horizon College of Enginnering, Bnagalore	KASALU KUSHALA KUMAR	2016	4 Months	Project Work

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