



**NEW HORIZON**  
**COLLEGE OF ENGINEERING**  
New Horizon Knowledge Park, Ring Road, Marathalli  
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**Projects 2017**

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	Remote Control system of Hydel Power Plant	New Horizon College of Engineering, Bnagalore	Rubini.J	2017	4 Months	Project Work
2	Remote Control system of Hydel Power Plant	New Horizon College of Engineering, Bnagalore	Sahithi.N	2017	4 Months	Project Work
3	Remote Control system of Hydel Power Plant	New Horizon College of Engineering, Bnagalore	Pallavi.N	2017	4 Months	Project Work
4	LVDC distribution system for energy efficiency	New Horizon College of Engineering, Bnagalore	Laxmi kumari	2017	4 Months	Project Work
5	LVDC distribution system for energy efficiency	New Horizon College of Engineering, Bnagalore	Sathish M	2017	4 Months	Project Work
6	LVDC distribution system for energy efficiency	New Horizon College of Engineering, Bnagalore	Eranna	2017	4 Months	Project Work
7	LVDC distribution system for energy efficiency	New Horizon College of Engineering, Bnagalore	Mallikarjun	2017	4 Months	Project Work
8	Demand Side Management	New Horizon College of Engineering, Bnagalore	K R Kalyan	2017	4 Months	Project Work
9	Demand Side Management	New Horizon College of Engineering, Bnagalore	Pavithra	2017	4 Months	Project Work
10	Demand Side Management	New Horizon College of Engineering, Bnagalore	Mohamed Riyaz	2017	4 Months	Project Work
11	Unified power quality conditioner (UPQC) in mitigation of power quality issues	New Horizon College of Engineering, Bnagalore	Basavaraj Bindal	2017	4 Months	Project Work
12	Unified power quality conditioner (UPQC) in mitigation of power quality issues	New Horizon College of Engineering, Bnagalore	Kshitiz das	2017	4 Months	Project Work

13	Unified power quality conditioner (UPQC) in mitigation of power quality issues	New Horizon College of Enginnering, Bnagalore	Abishek gosh	2017	4 Months	Project Work
14	Unified power quality conditioner (UPQC) in mitigation of power quality issues	New Horizon College of Enginnering, Bnagalore	Praveen Kumar	2017	4 Months	Project Work
15	Intelligent microcontroller based transfer switch for renewable supply	New Horizon College of Enginnering, Bnagalore	Shivam Kumar Tiwari	2017	4 Months	Project Work
16	Intelligent microcontroller based transfer switch for renewable supply	New Horizon College of Enginnering, Bnagalore	Ravikant Singh	2017	4 Months	Project Work
17	Intelligent microcontroller based transfer switch for renewable supply	New Horizon College of Enginnering, Bnagalore	Abishek singh	2017	4 Months	Project Work
18	Intelligent microcontroller based transfer switch for renewable supply	New Horizon College of Enginnering, Bnagalore	Priyanka	2017	4 Months	Project Work
19	Voltage distribution along string insulators	New Horizon College of Enginnering, Bnagalore	Akshitha Sudhakaran	2017	4 Months	Project Work
20	Voltage distribution along string insulators	New Horizon College of Enginnering, Bnagalore	Darshan Kumar	2017	4 Months	Project Work
21	Voltage distribution along string insulators	New Horizon College of Enginnering, Bnagalore	Prashanth	2017	4 Months	Project Work
22	Contol of elecrical and electronics by IoT	New Horizon College of Enginnering, Bnagalore	Ankita Das	2017	4 Months	Project Work
23	Contol of elecrical and electronics by IoT	New Horizon College of Enginnering, Bnagalore	Mewada Shylla	2017	4 Months	Project Work
24	Contol of elecrical and electronics by IoT	New Horizon College of Enginnering, Bnagalore	Padabi Bhuinya	2017	4 Months	Project Work
25	Contol of elecrical and electronics by IoT	New Horizon College of Enginnering, Bnagalore	Shreejib Mukurjeee	2017	4 Months	Project Work
26	MATLAB based software for numeric calculations of electrical machines	New Horizon College of Enginnering, Bnagalore	Madhurima dutta	2017	4 Months	Project Work
27	MATLAB based software for numeric calculations of electrical machines	New Horizon College of Enginnering, Bnagalore	Ashwini J Menon	2017	4 Months	Project Work
28	MATLAB based software for numeric calculations of electrical machines	New Horizon College of Enginnering, Bnagalore	Kiran S	2017	4 Months	Project Work
29	MATLAB based software for numeric calculations of electrical machines	New Horizon College of Enginnering, Bnagalore	Meghana	2017	4 Months	Project Work
30	IoT based global industrial process monitoring using rasperry pi	New Horizon College of Enginnering, Bnagalore	Akash V K	2017	4 Months	Project Work

31	IoT based global industrial process monitoring using rasperry pi	New Horizon College of Enginnering, Bnagalore	kusumalla Nagendra	2017	4 Months	Project Work
32	IoT based global industrial process monitoring using rasperry pi	New Horizon College of Enginnering, Bnagalore	Mukul R	2017	4 Months	Project Work
33	Electrical performance analyzer	New Horizon College of Enginnering, Bnagalore	Hasil Paudyal	2017	4 Months	Project Work
34	Electrical performance analyzer	New Horizon College of Enginnering, Bnagalore	Lipika Mitra	2017	4 Months	Project Work
35	Electrical performance analyzer	New Horizon College of Enginnering, Bnagalore	Subharun Mukharjee	2017	4 Months	Project Work
36	Electrical performance analyzer	New Horizon College of Enginnering, Bnagalore	Swetha D	2017	4 Months	Project Work
37	Design and development of electric dirive system for helicopter elastomeric bearing	New Horizon College of Enginnering, Bnagalore	Gautham S	2017	4 Months	Project Work
38	Design and development of electric dirive system for helicopter elastomeric bearing	New Horizon College of Enginnering, Bnagalore	Roopakkumar	2017	4 Months	Project Work
39	Design and development of electric dirive system for helicopter elastomeric bearing	New Horizon College of Enginnering, Bnagalore	aparna	2017	4 Months	Project Work
40	Design and development of electric dirive system for helicopter elastomeric bearing	New Horizon College of Enginnering, Bnagalore	chandhana	2017	4 Months	Project Work
41	Controls for the operation of metro trains	New Horizon College of Enginnering, Bnagalore	Shreekanth L	2017	4 Months	Project Work
42	Controls for the operation of metro trains	New Horizon College of Enginnering, Bnagalore	Veeresh sk	2017	4 Months	Project Work
43	Controls for the operation of metro trains	New Horizon College of Enginnering, Bnagalore	Venkatesh murthy	2017	4 Months	Project Work
44	Controls for the operation of metro trains	New Horizon College of Enginnering, Bnagalore	Latheesh	2017	4 Months	Project Work
45	Wireless power charging with automation effectively by super capacitor	New Horizon College of Enginnering, Bnagalore	Reddy lakshmi	2017	4 Months	Project Work
46	Wireless power charging with automation effectively by super capacitor	New Horizon College of Enginnering, Bnagalore	Yahsodhere	2017	4 Months	Project Work

47	Wireless power charging with automation effectively by super capacitor	New Horizon College of Enginnering, Bnagalore	priyanka LN	2017	4 Months	Project Work
48	Wireless power charging with automation effectively by super capacitor	New Horizon College of Enginnering, Bnagalore	Chandhana S	2017	4 Months	Project Work
49	fractional frequency transmission system	New Horizon College of Enginnering, Bnagalore	Sandeep Sharma	2017	4 Months	Project Work
50	fractional frequency transmission system	New Horizon College of Enginnering, Bnagalore	Sunil Kumar T	2017	4 Months	Project Work
51	fractional frequency transmission system	New Horizon College of Enginnering, Bnagalore	Sunil Kumar J H	2017	4 Months	Project Work
52	fractional frequency transmission system	New Horizon College of Enginnering, Bnagalore	Mohamed Mubasheer	2017	4 Months	Project Work
53	Calculations of electrical windings and drawing Using MATLAB	New Horizon College of Enginnering, Bnagalore	S.Jayanth	2017	4 Months	Project Work
54	Calculations of electrical windings and drawing Using MATLAB	New Horizon College of Enginnering, Bnagalore	Jyothi.J.M	2017	4 Months	Project Work
55	Calculations of electrical windings and drawing Using MATLAB	New Horizon College of Enginnering, Bnagalore	Monisha.S	2017	4 Months	Project Work
56	Single Inductor Dual Output Buck-Boost Power Factor Correction Converter	New Horizon College of Enginnering, Bnagalore	Adarsha Gayen	2017	4 Months	Project Work
57	Single Inductor Dual Output Buck-Boost Power Factor Correction Converter	New Horizon College of Enginnering, Bnagalore	Sudip Mondal	2017	4 Months	Project Work
58	Single Inductor Dual Output Buck-Boost Power Factor Correction Converter	New Horizon College of Enginnering, Bnagalore	Rajkumar Basu	2017	4 Months	Project Work
59	Single Inductor Dual Output Buck-Boost Power Factor Correction Converter	New Horizon College of Enginnering, Bnagalore	Samik Hazra	2017	4 Months	Project Work
60	Design of Automatic Power Consumption control system using Smart Grid	New Horizon College of Enginnering, Bnagalore	Anilkumar Mandal	2017	4 Months	Project Work
61	Design of Automatic Power Consumption control system using Smart Grid	New Horizon College of Enginnering, Bnagalore	Ankush Choudhary	2017	4 Months	Project Work
62	Design of Automatic Power Consumption control system using Smart Grid	New Horizon College of Enginnering, Bnagalore	Navneet Kumar	2017	4 Months	Project Work

63	Design of Automatic Power Consumption control system using Smart Grid	New Horizon College of Enginnering, Bnagalore	Anish Kumar Rathee	2017	4 Months	Project Work
64	MagLev Wind Mill	New Horizon College of Enginnering, Bnagalore	Laxmi Priya Nayak	2017	4 Months	Project Work
65	MagLev Wind Mill	New Horizon College of Enginnering, Bnagalore	Prabhat	2017	4 Months	Project Work
66	MagLev Wind Mill	New Horizon College of Enginnering, Bnagalore	Nikita Venugopal	2017	4 Months	Project Work
67	MagLev Wind Mill	New Horizon College of Enginnering, Bnagalore	Prakash Kumar	2017	4 Months	Project Work
68	Regenrative braking and load equalization using PMDC motor	New Horizon College of Enginnering, Bnagalore	Sriguru A Sajjan	2017	4 Months	Project Work
69	Regenrative braking and load equalization using PMDC motor	New Horizon College of Enginnering, Bnagalore	Mahendra AL	2017	4 Months	Project Work
70	Regenrative braking and load equalization using PMDC motor	New Horizon College of Enginnering, Bnagalore	Chiradeep B	2017	4 Months	Project Work
71	Regenrative braking and load equalization using PMDC motor	New Horizon College of Enginnering, Bnagalore	Gaurav Sharma	2017	4 Months	Project Work
72	SEPIC based LED driver circuit	New Horizon College of Enginnering, Bnagalore	Arthi M	2017	4 Months	Project Work
73	SEPIC based LED driver circuit	New Horizon College of Enginnering, Bnagalore	Sruthy V Kumar	2017	4 Months	Project Work
74	SEPIC based LED driver circuit	New Horizon College of Enginnering, Bnagalore	Megha AT	2017	4 Months	Project Work
75	SEPIC based LED driver circuit	New Horizon College of Enginnering, Bnagalore	Poojakumari	2017	4 Months	Project Work
76	Microcontroller based automation of Variable Electronic Speed Governor (VESG)	New Horizon College of Enginnering, Bnagalore	Deepshikha Singh	2017	4 Months	Project Work
77	Microcontroller based automation of Variable Electronic Speed Governor (VESG)	New Horizon College of Enginnering, Bnagalore	Dipesh Bushan	2017	4 Months	Project Work
78	Microcontroller based automation of Variable Electronic Speed Governor (VESG)	New Horizon College of Enginnering, Bnagalore	Nilakanta De	2017	4 Months	Project Work

79	Microcontroller based automation of Variable Electronic Speed Governor (VESG)	New Horizon College of Enginnering, Bnagalore	Rahul kumar	2017	4 Months	Project Work
80	Implementation of four quadrant DC drive using chopper	New Horizon College of Enginnering, Bnagalore	Pavan kumar	2017	4 Months	Project Work
81	Implementation of four quadrant DC drive using chopper	New Horizon College of Enginnering, Bnagalore	Sachin Indragiri	2017	4 Months	Project Work
82	Implementation of four quadrant DC drive using chopper	New Horizon College of Enginnering, Bnagalore	Ajith kumar	2017	4 Months	Project Work
83	Implementation of four quadrant DC drive using chopper	New Horizon College of Enginnering, Bnagalore	Ambana	2017	4 Months	Project Work
84	Railway Automation	New Horizon College of Enginnering, Bnagalore	Abishek Jaiswal	2017	4 Months	Project Work
85	Railway Automation	New Horizon College of Enginnering, Bnagalore	tanmay k	2017	4 Months	Project Work
86	Railway Automation	New Horizon College of Enginnering, Bnagalore	alok Pratap singh	2017	4 Months	Project Work
87	Railway Automation	New Horizon College of Enginnering, Bnagalore	Sourav tarafder	2017	4 Months	Project Work
88	Smart detection of power theft in modern distribution networks	New Horizon College of Enginnering, Bnagalore	Shubham s Magdum	2017	4 Months	Project Work
89	Smart detection of power theft in modern distribution networks	New Horizon College of Enginnering, Bnagalore	Sheik Mohamed	2017	4 Months	Project Work
90	Smart detection of power theft in modern distribution networks	New Horizon College of Enginnering, Bnagalore	Varun Matthew	2017	4 Months	Project Work
91	Smart detection of power theft in modern distribution networks	New Horizon College of Enginnering, Bnagalore	Hemalatha	2017	4 Months	Project Work
92	smart system for power saving using PWM technology	New Horizon College of Enginnering, Bnagalore	Deep Chakraborty	2017	4 Months	Project Work
93	smart system for power saving using PWM technology	New Horizon College of Enginnering, Bnagalore	Peter D K Vaipei	2017	4 Months	Project Work
94	smart system for power saving using PWM technology	New Horizon College of Enginnering, Bnagalore	Ganesh Gouda	2017	4 Months	Project Work
95	smart system for power saving using PWM technology	New Horizon College of Enginnering, Bnagalore	Prashanth Kumar	2017	4 Months	Project Work

96	Grid integrated solar based plant irrigation system	New Horizon College of Enginnering, Bnagalore	Abhishek Kumar	2017	4 Months	Project Work
97	Grid integrated solar based plant irrigation system	New Horizon College of Enginnering, Bnagalore	Akshatha Telagi	2017	4 Months	Project Work
98	Grid integrated solar based plant irrigation system	New Horizon College of Enginnering, Bnagalore	vandana	2017	4 Months	Project Work
99	Grid integrated solar based plant irrigation system	New Horizon College of Enginnering, Bnagalore	Sharanya kishor	2017	4 Months	Project Work
100	Self sourced energy efficient street lights	New Horizon College of Enginnering, Bnagalore	Reeja Bhattacharya	2017	4 Months	Project Work
101	Self sourced energy efficient street lights	New Horizon College of Enginnering, Bnagalore	Jayakumari	2017	4 Months	Project Work
102	Self sourced energy efficient street lights	New Horizon College of Enginnering, Bnagalore	Sijo Mathew Varghese	2017	4 Months	Project Work
103	Voltage source inverter control for solar pump applications using BLDC drive	New Horizon College of Enginnering, Bnagalore	Arun KumarS	2017	4 Months	Project Work
104	Voltage source inverter control for solar pump applications using BLDC drive	New Horizon College of Enginnering, Bnagalore	Jai Prakash	2017	4 Months	Project Work
105	Voltage source inverter control for solar pump applications using BLDC drive	New Horizon College of Enginnering, Bnagalore	Padma	2017	4 Months	Project Work
106	Voltage source inverter control for solar pump applications using BLDC drive	New Horizon College of Enginnering, Bnagalore	Sathish	2017	4 Months	Project Work
107	Solar integrated power genertation using nine level inverter	New Horizon College of Enginnering, Bnagalore	Abhijeet Sinha	2017	4 Months	Project Work
108	Solar integrated power genertation using nine level inverter	New Horizon College of Enginnering, Bnagalore	Anandraj	2017	4 Months	Project Work
109	Solar integrated power genertation using nine level inverter	New Horizon College of Enginnering, Bnagalore	Ayush Sen	2017	4 Months	Project Work
110	Solar integrated power genertation using nine level inverter	New Horizon College of Enginnering, Bnagalore	Priyanka	2017	4 Months	Project Work
111	Hybrid grid connected PV-wind battery based multi input transformer coupled bi directional DC-DC converter for domicile mechanism	New Horizon College of Enginnering, Bnagalore	Jayanth	2017	4 Months	Project Work

112	Hybrid grid connected PV-wind battery based multi input transformer coupled bi directional DC-DC converter for domicile mechanism	New Horizon College of Enginnering, Bnagalore	Arun N	2017	4 Months	Project Work
113	Hybrid grid connected PV-wind battery based multi input transformer coupled bi directional DC-DC converter for domicile mechanism	New Horizon College of Enginnering, Bnagalore	Rajive	2017	4 Months	Project Work
114	Hybrid grid connected PV-wind battery based multi input transformer coupled bi directional DC-DC converter for domicile mechanism	New Horizon College of Enginnering, Bnagalore	Suraj	2017	4 Months	Project Work
115	Control System to light a load using renewable resources	New Horizon College of Enginnering, Bnagalore	Santosh Shrivastav	2017	4 Months	Project Work
116	Control System to light a load using renewable resources	New Horizon College of Enginnering, Bnagalore	Shubham Yadav	2017	4 Months	Project Work
117	Control System to light a load using renewable resources	New Horizon College of Enginnering, Bnagalore	Bhupinder	2017	4 Months	Project Work

*R. E. Lal*  
HOD/EEE