

E.G.S.PILLAY ENGINEERING COLLEGE – NAGAPATTINAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PROJECT BATCHES WITH GUIDE, TITLES

2015-2016

S.No.	Batch No.	Register No.	NAME	GUIDE NAME	PROJECT TITLE
1.	I	820812105306	M.KARTHIK	Prof.V.MOHAN	A Novel drive method for BLDC motor using buck convertor.
2.		820812105305	S.KANNAN		
3.		820812105307	K.MANIKANDA PRASAD		
4.		820812105035	S.PRADEEP JOY CLINTAN		
5.	II	820812105050	R.SWATHIKA	Mr.R.ANANDHARAJ	A Novel Regenerative energy production from thermo electric waste heat
6.		820812105019	M.KARTHIKA		
7.		820812105021	N.KEERTHANA		
8.		820812105022	R.KEERTHIGA		
9.	III	820812105041	S.RAMANAN	Mr.R.ANANDHARAJ	Scaled current tracking control for DFIG to ride through series grid faults
10.		820812105008	K.DINESH		
11.		820812105016	P.GUHAN		
12.		820812105038	N.PUGAZHENTHI		
13.	IV	820812105002	G.ARAVINDKUMAR	Mr.K.KRISHNARAM	Frequency coordinating virtual impedance for autonomous power management of DC micro grid
14.		820812105011	M.ELAVARASAN		
15.		820812105020	R.KAVIYARASU		
16.		820812105040	N.RAJESH		
17.	V	820812105313	D.VENKATESH	Mr.K.KRISHNARAM	A Novel power production Scheme using Salt water with multilevel inverter.
18.		820812105311	M.SHIEK ABDHULLAH		
19.		820812105007	K.DHINESH		
20.		820812105309	L.PRAVEENKUMAR		
21.	VI	820812105015	S.GOWTHAM	Mr.P.J.SURESH BABU	Wireless Gesture controlled Robo Hand
22.		820812105024	R.N.MANIKANDAN		
23.		820812105056	M.VIVEK		
24.		820812105312	C.SRINIVASAN		
25.	VII	820812105028	H.MOHAMED RISWAN	Mr.P.J.SURESH BABU	Torque ripple reduction of permanent magnet synchronous motor
26.		820812105023	C.MANIKANDA BARATHIRAJA		
27.		820812105029	J.MOHAMED YASAR ARAFATH		
28.		820812105310	J.SARANSINGH		
29.	VIII	820812105031	S.MUTHUKRISHNAN	Mr.K.NANDHAKUMAR	Voltage SAG compensation scheme using dynamic voltage restorer.
30.		820812105030	M.MURALIDHARAN		
31.		820812105036	K.PRAVINKUMAR		
32.		820812105014	B.GOWTHAM		
33.	IX	820812105025	V.MANISHA	Mrs.S.LATHA	Simplified PWM with switching constraint method for paralleled Bidirectional AC/DC
34.		820812105033	R.POORNIMA		

35.		820812105034	M.PRADEEBA		convertors in GRID-TIED system.
36.		820812105054	K.VIJAYALAKSHMI		
37.	X	820812105301	M.AWALIYA MOHAMED	Mrs.S.LATHA	Smart electronic Toll collection using RFID System.
38.		820812105304	S.IMRAN KHAN		
39.		820812105308	A.MUHAMMED MANSURUL ISLAM		
40.		820812105314	K.VIGNESH		
41.	XI	820812105010	E.ELAMARAN	Mr.G.GANESAN	Solar powered street sweeping mechanism for clean India
42.		820812105013	M.GOBIKRISHNAN		
43.		820812105017	M.JAYAKUMAR		
44.		820812105046	R.SELVAKUMAR		
45.	XII	820812105012	R.GANESAN	Mr.G.GANESAN	Real time energy storage management for renewable integration method in micro grid an off –line optimization approach.
46.		820812105026	S.MOHAMED FAIZAL		
47.		820812105027	A.MOHAMED JASSIM		
48.		820812105303	B.GANESAN		
49.	XIII	820812105051	M.VEERAMANI	Mr.B.A.NAVEEN ANTONY	Improvement of voltage stability using SIC based boost PFC for LED lighting Application.
50.		820812105057	A.WILLIAM DONALD		
51.		820812105052	R.VENGATESAN		
52.		820812105302	K.DINESH		
53.	XIV	820812105001	E.H.ABDUL BASITH MARICAR	Mr.S.SIVAMANI	Monitoring and fault detection of residential PV system using power line communication.
54.		820812105009	N.M.DURGA		
55.		820812105018	S.JOY SALOMI		
56.		820812105039	RAFIUDEEN.A		
57.	XV	820812105037	T.PRIYADHARSHINI	Ms.E.J.NIRANJANA DEVI	Development of novel non-contact electrodes for mobile electro cardiogram monitoring system.
58.		820812105044	S.SARANYA		
59.		820812105049	S.SURIYA		
60.		820812105003	G.ARJUN		
61.	XVI	820812105055	M.VINOTH	Mrs.M.RAMYA	A Design of fly back with new fuzzy based snubber for photovoltaic application.
62.		820812105004	S.ARUL		
63.		820812105042	B.RAMCHANDAR		
64.		820812105045	J.SATHYANARAYANAN		

s.no	Name of the Candidate	Guide name	Guide Specialization	Title of the Project
1.	Anitha G	Mr.K.Nandakumar	M.E-Power Electronics and Industrial drives	High step up high efficiency DC-DC converter for module integrated PV applications
2.	Anitha V			
3.	Janbagalakshmi R			
4.	Ramya G	Mr.K.Krishnaram	M.Tech- Electrical Drives and Control	A Novel power conversion technique for AC loads using back to back BLDC machines
5.	Bavithra R			
6.	Gayathiri R			
7.	ArunPriya B			
8.	Gayathri T	Dr.V.Mohan	M.E-Power Electronics	Speed control and performance analysis of BLDC motor using Arduino-ATMEGA processor
9.	Lavanya P			
10.	Pradeepa R			
11.	Thendral K R	Mrs.S.Latha	M.E-Applied Electronics	A high step up converter with voltage multiplier module for sustainable energy application
12.	Viji R			
13.	Vinitha V			
14.	Vinoliya K			
15.	Anupriyadharshini M	Dr.T.SureshPadmanabhan	Power Electronics and Industrial Drives	Integration of wind & solar power DC micro grid in Home environment
16.	Umabharathi B S			
17.	Vinothini M			
18.	Alexander A	Ms.E.J.Niranjanadevi	M.E-Power Electronics	Domestic electrification using free energy system
19.	Rajesh R			
20.	Rajeshkanna R			
21.	Jayamurugan S			
22.	Ajithkumar R	Mr.G.Ganesan@Subramanian	M.E-Power Systems	Novel spraying &weeding robots using mobile control for agricultural field
23.	Gunasekaran R			
24.	Kalidas G			
25.	Rajakiri R			
26.	P.Elayaraja	Mr.B.A.Naveen Antony	M.E-Power Systems	Android based control of wheel chair for disabled person using wireless control technique
27.	AsrathHasan.J			
28.	Mohamed Azarudeen			
29.	Mohamed Meharan M			
30.	Ajithkumar R	Mr.R.Ananadaraj	M.E-Power Electronics and Industrial Drives	Energy allocation for wireless networks with renewable energy powered base station
31.	Muthukumaran R			
32.	Rajavel.E			
33.	Arundeepak P A			
34.	Prabakaran P	Mr.P.J.SureshBabu	M.E-Power Electronics and Industrial Drives	Self-recharging electric bicycle
35.	Rajadurai B			
36.	Naveenprasanth R			
37.	Velmurugan R			
38.	Anbarasan.S	Mrs.M.Ramya	M.E-Power Electronics and Drives	Smart pet feeder system using AVR microcontroller in Arduino community
39.	Ayyappan U			
40.	Sriram U			

41.	Venkatesh P			
42.	Suthagar K	Mr.G.Ganesan@ Subramanian	M.E-Power Systems	Design, analysis and development of lab scale vertical windmill PV hybrid energy generation system
43.	Sarathchandran V R			
44.	Selvam R			
45.	Gandhi S			
46.	Karthiban S	Dr.T.SureshPadmana bhan	M.E-Power Electronics and Industrial Drives	Arduino based home automation system using RF remote
47.	Manikandan K			
48.	Manikandan R			
49.	Prasath S			
50.	Gobinath R	Mrs.J.Menaka	M.Tech-Power Electronics and Drives	Prevent human accident using microcontroller
51.	Sivadhanuprakash S			
52.	Sathishkumar G			
53.	Sivaguru A			
54.	Manikandan V	Mr.K.Krishnaram	M.Tech- Electrical Drives and Control	Six Phase Interleaved Boost Converter (Ilbc) for PV Based water pumping application
55.	Thamizhazhagan M			
56.	Vigneshwaran R			
57.	Ramesh Babu .K			
58.	Thikash S	Mr.K.Nandakumar	M.E-Power Electronics and Industrial Drives	Hybrid thermodynamic generator with PV as power resource control system by using AVR
59.	Vignesh M			
60.	Dineshkumar S			
61.	Gowthaman S			
62.	Bharathiraja S	Mr.S.Sivamani	M.E-Power Electronics and Drives	IOT based appliance control system for smart homes
63.	Durgasan D			
64.	Santhosh S			
65.	Santhoshkumar V			
66.	Chandru S	Mrs.S.Latha	M.E-Applied Electronics	Generation of power using solar and magnetic field
67.	Marieswaran S			
68.	Sathiyam A			
69.	Gobalakrishnan M			
70.	Vetriselvan T	Mr.P.J.SureshBabu	M.E-Power Electronics and Industrial Drives	A Highly Intelligent Approach To Monitor The Petrol Flow Into The Petrol Tank.
71.	Navaneethakrishnan S			
72.	Kalaiyaran R			
73.	BavaBakrudeen A			

S.No	Batch No.	Reg.No	Name of the Candidate	Guide Name	Project Title
1.	I	820814105005	Angatha A	Mrs.J.Menaka	COLLISION MANAGEMENT SYSTEM USING ULTRASONIC SENSOR
2.		820814105020	Kamali S		
3.		820814105022	Lavanya V		
4.	II	820814105305	Divya.R	Mrs.S.Latha	AUTOMATIC SMART PARKING SYSTEM USING IoT
5.		820814105309	Neelavani.S		
6.		820814105312	Selvarani.S		
7.	III	820814105018	JayaSurya D	Mrs.M.Ramya	A NEW CASCADED MULTILEVEL INVERTER TOPOLOGY WITH REDUCED POWER COMPONENTS
8.		820814105029	Pavithra J P		
9.		820814105027	Monisha M		
10.	IV	820814105040	Santhana N	Mr.R.Anandaraj	WIRELESS POWER TRANSMISSION FROM HYBRID RENEWABLE ENERGY SOURCE
11.		820814105055	Vidhya V		
12.		820814105308	Meera.V		
13.	V	820814105037	Ravichandran K	Dr.V.Mohan	AUTOMATIC WATER AERATOR USING DISSOLVED OXYGEN METER FOR AQUACULTURE
14.		820814105302	Aravindkumar.A		
15.		820814105310	Rishwanthraj.L		
16.		820814105058	VimalRaj R		
17.	VI	820814105034	Rajesh R	Mr.G.Ganesan @ Subramanian	DESIGN AND IMPLEMENTATION OF RENEWABLE POWERED ELECTRONIC VOTING MACHINE
18.		820814105041	Santhoshkumar S		
19.		820814105033	Ragul R		
20.		820814105031	PraveenKumar M		
21.	VII	820814105028	Muthamizhan V	Mr.S.Sivamani	MAXIMUM POWER POINT TRACKING EXTRACTION TECHNIQUE FOR HYBRID RENEWABLE ENERGY SYSTEM
22.		820814105042	Santhoshkumar P		
23.		820814105044	Saravanan G		

24.		820814105057	Vijay K		
25.	VIII	820814105019	Jeevaraj M	Mr.K.Nandakumar	SMART VEHICLE MONITORING SYSTEM FOR ACCIDENT DETECTION USING WSN
26.		820814105009	Balakumar R		
27.		820814105025	Manikandan S		
28.		820814105051	Vasanth P		
29.	IX	820814105049	Sundar A	Mr.P.J.SureshBabu	AUOTMATED EGG INCUBATOR
30.		820814105039	Sakthivel C		
31.		820814105048	Sudharsan S		
32.		820814105032	Rabin P		
33.	X	820814105307	Kalyankumar.S	Mr.R.Anandaraj	VOICE OPERATED WHEELCHAIR CONTROL
34.		820814105311	Sathyamoorthy.S		
35.		820814105013	Dhinesh D		
36.		820814105015	Gopu B		
37.	XI	820814105012	DhilippanSakaravarthy P	Mr.K.Krishnaram	MINE WORKERS' SAFETY USING IoT
38.		820814105004	Amreshpriyan G		
39.		820814105021	KasmeerRayan T		
40.		820814105043	SanthoshRaj K		
41.	XII	820814105053	Venkatakrishnan R	Dr.T.SureshPadmanabhan	FAST FIRE LOCATOR USING GPS
42.		820814105054	Venkatesh Prasad J		
43.		820814105030	Prasanth K		
44.		820814105303	Cholan. M.P		
45.	XIII	820814105313	Surya.S	Mr.B.A.Naveen Antony	IoT BASED PATIENT HEALTH MONITORING SYSTEM
46.		820814105050	SundharRaj P		
47.		820814105314	Yuvaraj.S		
48.		820814105016	Harikrishnan D		
49.		820814105007	Aravindan V	Mr.G.Ganesan @	PROGRAMMABLE TEMPERATURE

50.	XIV	820814105035	RajMohan A	Subramanian	MONITORING AND CONTROLLING FOR INDUSTRIAL BOILER USING ARDUINO
51.		820814105045	Satish.T		
52.		820814105046	Srinath M R		
53.	XV	820814105301	Aravind K	Mr.P.J.SureshBabu	IoT BASED GAS PIPE LEAKAGE DETECTION USING ROBOT
54.		820814105001	Adhikesavan K		
55.		820814105011	Balamurali T		
56.		820814105008	Aravinthan K		
57.	XVI	820814105306	Gangadharan.K	Dr.T.SureshPadmanabhan	IoT BASED IRRIGATION PUMP CONTROL AND MONITORING
58.		820814105002	AhamedKabeer J		
59.		820814105003	Alen A		
60.		820814105010	Balakumar V		
61.	XVII	820814105006	AnuVelankanni D	Mrs.S.Latha	AUTOMATIC WATER QUALITY MEASUREMENT AND REPORTING SYSTEM USING GSM IN REAL TIME ENVIRONMENT
62.		820814105014	Donald Fernandas S		
63.		820814105023	Manikandan K		
64.	XVIII	820814105056	Vigneshwaran R	Mr.K.Nandakumar	SOLAR POWERED PORTABLE REFRIGIRATOR
65.		820814105304	Dineshkumar.R		
66.		820814105024	Manikandan P		
67.		820814105038	Rubiraj R		