

EASWARI ENGINEERING COLLEGE
Department of Electrical and Electronics Engineering
Project Work – Classification (2016-17)

Batch No.	Register Number	Name of the Students	Title Of The Project	In-House / Industrial	Type
1	310613105013	Ashwath Narayan.R	Intelligent PV module with Enhance Efficiency	In-House	Research Based
	310613105003	Akilesh.G			
	310613105026	Gobalakrishnan.G.V			
	310613105019	Deepan Raj.D			
2	310613105030	Harathy.G	Self Powered Mobile Towers Using SBC	In-House	Social Relevant
	310613105025	Geraldene Anita.J			
	310613105054	Mary Kaaviya.A			
	310613105307	Sujith.V			
3	310613105053	Manoj Kumar.B	An Affordable wearable device for Continuous monitoring of children's Pneumonia	External	Social Relevant
	310613105055	Mohamed Asif Hassan.H			
	310613105048	Madhumita Krishnan			
	310613105027	Gobinath.B			
4	310613105034	Jaganathan S	Model Predictive MPPT Control based Solar Power Conditioning Unit	External	Industry Need Based
	310613105022	Divya Abirami R			
	310613105304	Ramesh Kumar K			
	310613105308	Surendher E			

Batch No.	Register Number	Name of the Students	Title Of The Project	In-House / Industrial	Type
5	310613105004	C.Akshay	An Optimal and Learning based demand response and Energy Management System	In-House	Innovative
	310613105001	N.Aakash			
	310613105021	Dineshkar S			
	310613105009	M.Arun			
6	310613105002	Aarthy D	Avegule Transit Aid System	In-House	Social Relevant
	310613105005	Anandhu Ajith Vyas			
	310613105017	Chitharthan S			
	310613105018	Cynthia E			
7	310613105044	V Kishore	E Vehicle System Automatic Speed Control Using Zigbee Protocol	In-House	Innovative
	310613105008	P Aravind			
	310613105057	Mohammed Umar S			
	310613105314	Yogeshwar T			
8	310613105006	S.Anitha	Low cost Plug-in hybrid Electrical Vehicle	In-House	Innovative
	310613105034	Indumathi E			
	310613105056	Mohammad Fazil H			
9	310613105036	R.Jaganivasan	Smart Patch for Stress Relief	In-House	Social Relevant
	310613105024	Ganesh Arvind C			
	310613105028	Gokulakrishnan J			
	310613105033	G.Harish			
10	310613105031	K.Harini Sri	Implementation of Excitation Control in	External	Industry Need Based
	310613105007	P.Anupriya			

Batch No.	Register Number	Name of the Students	Title Of The Project	In-House / Industrial	Type
	310613105051	S.Manju	Alternators using PLC in combination with multiplexer		
	310613105038	kannan			
11	310613105039	S.karthikeyan	Design and Implementation of Single Phase SPWM based pure sine Wave inverter for Standalone PV Application	In-House	Research Based
	310613105040	A.Kavya			
	310613105309	T.thirupathi			
12	310613105032	Harinya.K	Reading Assistance System for Visually Challenged Individuals Using OCR and Machine Learning	In-House	Social Relevant
	310613105047	K.Logesh Kumar			
	310613105011	Arvind.R.Prakash			
	310613105010	Arun Shankar.S			
13	310613105029	Gosakan	Mine detecting Rover	In-House	Innovative
	310613105014	Aswath.R			
	310613105043	Kishore.M			

Batch No.	Register Number	Name of the Students	Title Of The Project	In-House / Industrial	Type
	310613105042	Keshav			
14	310613105016	Balaji.K	High Performance Solar PV system with High Efficient DC-DC Converter	In-House	Research Based
	310613105015	Azzarudeen Ahmed.R			
	310613105041	Keerthi Prasanna.M			
	310613105035	Jacob Zacharia.PS			
15	310613105049	N.Malli Chetty	Microcontroller Based Cooling Tower Control	External	Industry Need Based
	310613105052	S.Manoj			
	310613105012	V.Ashok Varadhan			
	310613105020	I.Dinesh			
16	310613105023	Divya Bharathi M	Power Imbalance Control in Photovoltaic Power plant using Delta connected cascaded H-Bridge Multilevel Converter	In-House	Research Based
	310613105046	Lingeswari S M			
	310613105050	Manimala M			
	310613105310	Vaitheshwaran V			
17	310613105070	N.Rajesh Kumar	Vertical Axis Wind Turbine Power	In-House	Industry Need Based
	310613105086	P.Sreeram			

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	310613105065	S.Prasanth	Generation and Load Sharing Using PIC Controller		
	310613105302	A.Gokul			
18	310613105064	S.T. Prasanna	Design and Implementation PV- Wind Hybrid System Using Power Conditioning Units	In-House	Social Relevant
	310613105088	S.Srividhya			
	310613105089	Srividya.S			
	310613105301	J.H.Fouzul Rahman			
19	310613105311	P.Varadharajan	Energy Auditing and Evaluation Of Harmonics In Our College Campus	In-House	Industry Need Based
	310613105069	A.Rajalakshmi			
	310613105306	S.Sathiyarayanan			
	310613105313	V.Vikram			
20	310613105102	P.Vignesh	Smart Solar Vehicle	In-House	Industry Need Based
	310613105083	V.T.Senthil Selvan			
	310613105091	A.Sunil			
	310613105104	V.Vigneshwar			
21	310613105101	G.Vignesh	The Smart	In-House	Innovative

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	310613105059	K.Muralikrishnan	System for Improving Batsmen Efficiency In Cricket		
	310613105110	E.S.Yukesh			
	310613105109	K.S.Yashwanth			
22	310613105103	Vignesh Ravi	Affordable Diagnostic Infused Thermal Incubator	External	Social Relevant
	310613105106	Vijayakumar A			
	310613105060	Naveen Balakumar KTS			
	310613105079	Saranganivas R			
23	310613105074	N.Rohit Srinivasan	Genesis of Smart Card	In-House	Application Based
	310613105063	B.Prakash			
	310613105085	A.P.Sree Viknesh			
	310613105073	R.Revanth			
24	310613105058	Mohammed Zeeshan	Human Tremor Analysis and Control	In-House	Social Relevant
	310613105076	Sachindra Ragul			
	310613105066	Prem.J			
	310613105108	K.Vinoth			
25	310613105312	Vignesh M	Single Switch Isolated Quasi Z-Source DC-DC Converter for	In-House	Research Based
	310613105098	Varsha c.satish			
	310613105303	Jaganathan M			

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	310613105078	sangeetha T	Photovoltaic Application		
26	310613105099	Varun.S	Environment Recognition and Safety Protocol for Fire Fighters	In-House	Social Relevant
	310613105100	Vidhya Venkat			
	310613105105	Vigneshwaran			
	310613105305	B.Saravana Shankar			
27	310613105082	Sathiya.J	Hybrid MPPT Technique Using Fuzzy Logic and Ant Colony for the Effect Of Solar Pumping Head	In-House	Research Based
	310613105095	Tamil Arasi.T			
	310613105093	Swarna Priya Dharshini.J			
	310613105075	P.Sabarinathan			
28	310613105068	Priyanka.S	PLC Based HMI Design of Inter Connecting transformer Protection and control	In-House	Industry Need Based
	310613105067	Priya Dharshini.S			
	310613105087	Srinithi			
29	310613105094	Swathi.G	MPPT for PV based SEPIC Inverter	In-House	Research Based
	310613105092	Suvalakshmi.S			
	310613105072	Rathnakala.G			

Batch No.	Register Number	Name of the Students	Title Of The Project	In-House / Industrial	Type
	310613105061	Nisha.B	Cascaded System		
30	310613105097	Vaishnavi.D	SWACHH YANTRAMAN AV (A Multipurpose Cleaning Robot)	In-House	Social Relevant
	310613105062	Pavatharene.K			
	310613105080	Sarath kumar.K			
	310613105084	Siva kumar.G			
31	310613105077	Sangeetha.B	ANURAKSH- Wearable for women safety with self defence system using Bluetooth and Raspberry Pi	In-House	Social Relevant
	310613105096	S.Vaishali			
	310613105081	Sathish Kumar.J			
	310613105090	M.Subham			
32	310613105071	Ramya.v	Design And Development Of Dry Leaf Recycler and Compost Depositing System	In-House	Social Relevant
	310613105111	Yuvaraj.P			

Project Work – Classification (2015-16)

Batch No.	Register Number	Name of the Students	Title Of The Project	In-House / External	Type
1	310612105074	S. Sahana	Fuzzy Based Speed Control, Regenerative Braking And Open Switch Fault Protection For Three Phase BLDC Motor	In-House	Research Based
	310612105073	K.Z. Riyazul Huq			
	310612105318	M. Niranjan			
	310612105304	D. Ashraf Ali			
	310612105091	M. Sriraman			
2	310612105078	M. Sathish	Prevention Of Electrocutation From Fallen Distribution Lines	In-House	Social Relevant
	310612105077	G.Sanjaykumar			
	310612105067	R.Rajakumar			
	310612105072	Riti P Kumar			
3	310612105057	G.R.Pavithra	A New Fault Location Algorithm For Series Compensated Extra High Voltage Transmission Line Using Fully Adaptive Phasor Measurement	In-House	Innovative
	310612105065	D.Ragavi			
	310612105095	S.Thatchinamoorthy			
	310612105096	M.Ulaganathan			

Batch No.	Register Number	Name of the Students	Title Of The Project	In-House / External	Type
			Unit		
4	310612105106	K.S.Vivin	Implementation Of Multipower Generation System Using Railway Traction System	In-House	Application Based
	310612105086	P.Sivaprakash			
	310612105097	P.Vasanth			
	310612105312	E.Kameshwaran			
5	310612105076	E.Sandiya	X10 Protocol Based Data Transmission Through Power Line For Protection Of Induction Motors	In-House	Industry Need Based
	310612105088	D.Sowmiya			
	310612105083	S.Shrivatsav			
	310612105092	Sulthan			
6	310612105064	B.Priyanka	Power Factor Correction Of PMBLDC Motor Using Isolated Zeta Converter	In-House	Industry Need Based
	310612105308	S.G.Gokul Raaj			
	310612105315	N.Kirubakar			
	310612105325	S.Sethupathy			
7	310612105056	J.H.Oscar	High Performance Discrete Time	In-House	Research Based
	310612105081	S.Sheik Dawood			

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	310612105326	P.Tamizharasan	MIMO Logic Control For BLDC Motor Speed Regulation		
	310612105098	P.Vasigaran			
8	310612105103	G.Vinodhini	Design Of Smart Home For People With Locked In Syndrome Using Brain Computer Interface	In-House	Social Relevant
	310612105309	P.Indumathi			
	310612105317	P.Murali			
	310612105087	G.Sivaranjani			
9	310612105071	R.Revathy	Vision Based Intelligent Front Light System Using Led	In-House	Social Relevant
	310612105075	R.Sai Vijayeendra			
	310612105327	Venkatesan			
	310612105324	Satheesh Balaji			
	310612105060	Pranav Kumar			
10	310612105090	S.Sreyas	Design Of A Compact Tool For Quality Certification Of Vibration Sensor	In-House	Industry Need Based
	310612105102	R.Vijayakumar			
	310612105105	Vishnu Vardhan			
	310612105066	Rahul			

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11	310612105104	M.Vinodhini	Integrated on-board diagnostics for vehicular emission monitoring using internet of things(IOT)	External	Innovative
	310612105082	S.Shilpi			
	310612105068	Raj Kumar			
	310612105324	I.Karthikeyan			
12	310612105079	M.Selvadurai	Implementation Of Peltier Sensor For Generating Voltage From Human Body Using In A Low Power Applications	In-House	Innovative
	310612105069	R.Ramkumar			
	310612105061	K.Prashanth			
	310612105084	A.Shyam Prakash			
13	310612105058	M.Pooja	Cadaver And Forensic Data Management In The Design Of Mortuary Using PLC & SCADA System	In-House	Social Relevant
	310612105328	A.Vignesh			
	310612105070	N.Renuka			
	310612105301	R.Akshay Kumar			
14	310612105089	V.Sreeram	Advanced Toll Automation	In-House	Innovative
	310612105093	R.Surendar Rahul			

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	310612105094	S.Suresh Kumar	Using RFID		
	310612105107	J.Yuvaraj			
15	310612105080	D.Shanmugaraja	Improving Performance Of E-Bicycle By Using Smart Turbine Setup	In-House	Research Based
	310612105059	R.Pradeep			
	310612105099	R.Venkatesh			
	310612105101	Vigneshwaran			
16	310612105702	B.Kribakaran	H6 Transformerless Grid – Tied Inverters For Renewable Applications	In-House	Research Based
	310612105100	S.Vignesh			
	310612105303	Ashok Raja			
	310612105085	Singaravelan			
17	310612105014	Anirudhan K.S	Disaster management and rescue operation using radio frequency communication	External	Social Relevant
	310612105042	Karthick Chidabaram .S			
	310612105015	Aravind .S			
	310612105046	Krishna. D			
18	310612105040	Kapil .M	Design and implementation	External	Research Based

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	310612105030	Gokul Pandian .C	of MAS in renewable energy Power generation system		
	310612105033	Hariharasudan .R			
	310612105320	S.Rakesh			
19	310612105001	Abhilash Unnikrishnan	Thermal power plant Based automatic coal conveyor system	In-House	Industry Need Based
	310612105011	Akshay Jayakumar			
	310612105052	Mohamed Javed Charar .M			
	310612105310	I.Jayakumar			
20	310612105009	Akkshara .C.G	Load Frequency Control Of Two Area Smart Grid Using Neuro Fuzzy	In-House	Research Based
	310612105038	Jeyakeerthana .J			
	310612105020	Arivazhagan. K			
	310612105901	S.K. Rishikesh			
21	310612105026	Deepak .M	Design And Implementation Of Domestic Wind Turbine Using Solar Powered Electromagnets	In-House	Research Based
	310612105016	Aravindan. J			
	310612105029	Dinesh. M			
	310612105028	Dharmaraj .K			

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22	310612105027	Devarajan. D	Biomechanical Energy Generator For Off Grid Users	In-House	Innovative
	310612105035	Iyyappan .M			
	310612105032	Hariharan .S			
	310612105034	Henna Shahani			
23	310612105041	Karthick .T.N	Optimized solar powered vehicle for The physically challenged with Location tracking	In-House	Social Relevant
	310612105007	Ajith Kumar .V			
	310612105051	Meiarul Selvam. R			
	310612105006	Ajaykumar. U			
24	310612105044	Karthik .R	Automatic Smart city Power Consumption Control Unit.	External	Industry Need Based
	310612105043	Karthick Sundar .S			
	310612105055	Nithesh .P			
	310612105036	Jagadeeswaran .M			
25	310612105050	Manoj. S	Energy audit implementation for college campus	In-House	Industry Need Based
	310612105031	Govindan .V			
	310612105018	Aravinthraja I.P			
	310612105323	M. Sankara Narayanan			

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26	310612105054	Nandhakumar. G	Implementation of Distributed power flow controller for mitigation of voltage sag/swell	In-House	Industry Need Based
	310612105048	Lakshmi Narayanan R			
	310612105307	K.Ganesh Babu			
	310612105319	M.Rajkumar			
27	310612105045	Keerthana. I	Temperature Sensor Based Intelligent Cooling And Cleaning Mechanism For High Efficiency Solar Panels	In-House	Research Based
	310612105005	Aishwarya .G.V.P			
	310612105023	Balaguru. S			
	310612105311	V.Kamal			
28	310612105004	Aishwarya .B.V	Visible light communication link protection mechanism for smart factory	In-House	Industry Need Based
	310612105021	Athiya R.V			
	310612105012	Akshay Venkata Subramanian. R			
	310612105008	Akash .K			

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29	310612105010	Akshaya .S	Solar PV Array Fed BLDC Motor Drive Using Particle Swarm Optimization (Mppt) For Smart Irrigation System	In-House	Research Based
	310612105025	Bhavani .P			
	310612105316	T.Manimegalai			
	310612105002	Abinaya. G			
30	310612105053	Monishaa .S.S	Smart Soot Blower Employing Temperature Sensor With Improved Efficiency And Economy	In-House	Industry Need Based
	310612105306	R.Divya			
	310612105322	R.Ruhid			
	310612105047	Lakshmi Krishnaswamy			
31	310612105003	Aishwariya. A	An High-Power 3-Level Interleaved Flyback Inverter For Photovoltaic Applications	In-House	Research Based
	310612105049	Maneesha. R			
	310612105037	Jaihind .G			
	310612105302	P.Arun Kumar			

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32	310612105019	Archana .G	FPGA Basedd Image Processing For Face Detection	In-House	Research Based
	310612105022	Bala Chandran. S			
	310612105024	Balaji .K			
	310612105313	M.Karthick			