



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

IDENTIFICATION OF PROJECTS FOR BATCH 2017-2021

S. No	Name of the Student	Name of the Supervisor	Title of the Project	Category
1	NIRMAL KUMAR B	Dr.T. Sasilatha	Gesture Control Of Ship And Accident Control Techniques Using Ai	APPLICATION
	BALAMURUGAN K			
	BRIJESH C R			
	SURYA PRASAD A			
2	I HASHEEM SHARIFF	Dr.V. Karthikeyan	Remote Wireless Charging For Electric Vehicle	APPLICATION
	MOHAMED YASEER N			
	PRATIK KUMAR GUPTA			
	JOEL			
3	SRIDHAR	Mrs. Rajasree	SCADA Based System For Controlling And Monitoring Boiler In Ship	APPLICATION
	SANTHOSH B			
	RUDRAN V			
	MOHAMED NAJEEM N			
4	MOHAMMED AZHAIR M S	Dr. Lakshmi	Electric Vehicle Emergency Charging Tent	RESEARCH
	MOHAMMED SHUAIB K			
	SUDARSHAN K			
	ABHISHEK M DEEPAK			
5	MANIVANNAN DS	Mrs. Tamilpavai	Man Overboard Tracker Based On A Multi- Sensor With RSSI Wireless Technology.	IMPLEMENTATION
	HEMANTH RAJ R			
	KARTHICK R			
	NAVEEN P			
6	AAGASH G	Ms. Padmapriya	Wireless Black Box Using Mems Accelerometer And GPS Tracking For Accidental Monitoring Of Vehicles Using Artificial Intelligence	IMPLEMENTATION
	PRADEEP M			
	VIGNESH K			
	AKASH K			
7	MANOJ KUMAR R	Mr. P. Veerakumar	Landslide Detection And Warning Systems	IMPLEMENTATION
	YOGESH KUMAR A			
	VINNARASI V			
	MAHESHWARAN A			
8	DURAIPANDI A	Dr. G. Themozhi	Smart Card Based Electricity Payment And Energy Sharing Through IoT	IMPLEMENTATION
	VEERAPATHIRAN M C			
	ADARSH P			
	BALA GANESH P			
9	PURUSHOTHAMAN N	Mrs.Padmashini	Electric Vehicle Based On Multilevel Inverter For Smooth Starting	APPLICATION
	EZHIL ARASAN R			
	HARIHARAN N			
	NAVEEN B			

10	VIKNESH S	Mrs.Jegadeeswar i	Power Quality Improvement And Speed Control Of Switched Reluctance Motor Using Fuzzy Logic Controller For Electric Vehicle Applications	APPLICATION
	P DHANASEKAR			
	DINESH R			
	MANOJ C K			
11	ARUN KUMAR K S	Mr. Amirtharaj	DTMF Controlled Robot Without Using Microcontroller	APPLICATION
	ARUN P			
	NAVIN ANAND			
	BALAJI M			
12	UDHAYAKUMAR A	Dr.T. Baldwin Immanuel	Solar Powered Qazi Z Source Network To Estimate Energy Management And Electric Propulsion	APPLICATION
	VENKATESAN K			
	JAYA SURYA G			



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PROJECTS PRESENTED/PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES BY STUDENTS (2017-2021)

S.No	Name of the Students	Title of the Paper	Name of the Conference	Venue	Date
1	S. Viknesh	Implementation of thirty one level cascaded multilevel inverter fed brushless dc motor drive applications	International E-Conference On “Challenges And Opportunities In Renewable Energy, Smart Systems And E-Mobility” (ICCORSE- 2020)	SRM Easwari Engineering College, Chennai	30.07.2020 & 31.07.2020
	P. Dhanasekar				
	R. Dinesh				
	C.K. Manoj				
2	S. Viknesh	Ms. G. Jegadeeswari	Simulation and Implementation of Thirty-One Level Cascaded Multilevel Inverter fed Brushless DC Motor Drive Applications	Journal of Xidian University	Vol: 14, Issue: 7, July 2020
	P. Dhanasekar				
	R. Dinesh				
3	L. Patrica	Mr. C. Gnanavel	Experimental Investigation of Hybrid Battery/Super Capacitor Energy Storage System for Electric Vehicles	International Journal of Advanced Science and Technology	Vol: 29, Issue: 4s, 2020
4	M. Abisha	Dr. D. Lakshmi	SMEC Coil and PV Fed Z- Source Inverter based Electric Vehicle with Fuzzy Based speed control	Journal of Interdisciplinary Cycle Research	Vol: XII, Issue: III, March 2020



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S.No	Name of the Students	Title of the Paper	Name of the Conference	Venue	Date
1	S. Viknesh	Implementation of Power Factor Correction Boost Converter fed SRM for EV Applications	International Conference on Sustainable Innovation in Science & Technology (ICSIST'21)	G H Raison University, Saikheda, MP	26.02.2021 to 27.02.2021
	P. Dhanasekar				
	R. Dinesh				
	C.K. Manoj				
2	S. Viknesh	Performance Analysis of BLDC Motor with Multilevel Inverter	International E -Conference on Recent Trends and Technologies in Soft Computing (ICRTSC'20) – 2020	St. Peter's Institute of Higher Education and Research, Chennai	28.09.2020 & 29.09.2020
	P. Dhanasekar				
	R. Dinesh				
	C.K. Manoj				
3	S. Viknesh	Implementation of Thirty-One Level Cascaded Multilevel Inverter Fed Brushless Dc Motor Drive Applications	International E-Conference On Challenges and Opportunities in Renewable Energy, Smart Systems and E-Mobility (ICCORSE- 2020)	SRM Easwari Engineering College, Chennai	30.07.2020 & 31.07.2020
	P. Dhanasekar				
	R. Dinesh				
	C.K. Manoj				

4	P. Naveen	Man Overboard Tracker based on a Multi- sensor with RSSI Wireless Technology	International Conference on Innovation and Research in Marine Electrical and Electronics Engineering (ICIRMEEE-2021)	AMET deemed to be University, Chennai	17.06.2021 & 18.06.2021
	DS. Manivannan				
	R. Karthick				
	R. Hemanth Raj				
5	Udhayakumar A	Solar Powered Qazi Z Source Network To Estimate Energy Management And Electric Propulsion	3 rd International Conference on Innovative Solutions in Electrical Engineering Science	Sri Sai Ram Institute of Technology, Chennai	21.04.2021
	Venkatesan K				
	Jaya Surya G				
6	Duraipandi A	Smart Card Based Electricity Payment And Energy Sharing Through IoT	3 rd International Conference on Innovative Solutions in Electrical Engineering Science	Sri Sai Ram Institute of Technology, Chennai	21.04.2021
	Veerapathiran M C				
	Adarsh P				
	Bala Ganesh P				
7	Manivannan Ds	Man Overboard Tracker Based On A Multi- Sensor With RSSI Wireless Technology.	3 rd International Conference on Innovative Solutions in Electrical Engineering Science	Sri Sai Ram Institute of Technology, Chennai	21.04.2021
	Hemanth Raj R				
	Karthick R				
	Naveen P				
8	Sridhar	SCADA Based System For Controlling And Monitoring Boiler In Ship	3 rd International Conference on Innovative Solutions in Electrical Engineering Science	Sri Sai Ram Institute of Technology, Chennai	21.04.2021
	Santhosh B				
	Rudran V				
	Mohamed Najeem N				



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PROJECTS PUBLISHED & AWARDS RECEIVED BY OUR STUDENTS (2020-21)

S.No	Name of the Students	Title of the Paper	Name of the Journal	Year
1	Viknesh.S, Dhanasekar. P, Dinesh. R, CK Manoj, G. Jegadeeswari	A Fuzzy Logic Controller Based SRM With Torque Ripple Suppression For EV Applications	International Journal of Aquatic Science	Vol: 12, Issue: 3, July 2021, Web of Science
2	Tamil Pavai G, D S Manivannan , R Hemanth raj	Thermoelectric Power Generation Using Waste -Heat Energy From Peltier And Seebeck Module	International Journal of Aquatic Science	Vol: 12, Issue: 3, July 2021, Web of Science
3	A. Ramya, R.K. Padmashini	Energy Management System Based On Dc-Dc Converter For Micro Grid Using Hybrid Energy Sources	International Journal of Aquatic Science	Vol: 12, Issue: 3, July 2021, Web of Science
4	S. Viknesh, P. Dhanasekar, R. Dinesh	Simulation and Implementation of Thirty-One Level Cascaded Multilevel Inverter fed Brushless DC Motor Drive Applications	Journal of Xidian University	Vol: 14, Issue: 7, July 2020
5	Patricia L and Gnanavel C	An Overview of Electric Vehicle Adoption and Challenges in India	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 8, Issue 5, May 2021