



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**IDENTIFICATION OF PROJECTS FOR BATCH 2016-2020**

S.No	Name of the Student	Name of the Supervisor	Title of the Project	Category
1	Ganesh Babu.K	Mr.Amritharaj	Digital control for MPPT voltage regulation of partial shaded PV module	APPLICATION
2	Naveen Raj.R			
3	Mohan Raj.R			
4	Surya.A	Dr.Karthikeyan	Automated solar panel cleaning system	APPLICATION
5	Praveen.D			
6	Karthi.P			
7	Abiraj.B	Mrs.Padmashini	A new half bridge Impedance Source Converter with high Voltage Gain	IMPLEMENTATION
8	Joel. Robinson			
9	Akash.S			
10	Immanuel Peter			
11	Punnoose. Benny	Dr. Baldwin Immanuel	Smart Helmet	IMPLEMENTATION
12	Sreerag.Sreekumar			
13	Avinash. Vijay			
14	Dharun.S	Dr.D.Lakshmi	SEPIC Converter Based Electric Vehicle using BLDC Motor	APPLICATION
15	Sri Ram Surath Kumar.V			
16	Beer Mohammed Uvaiz			
17	Vaithinathan M S			
18	Dinesh Kumar.M	Mr.Gnanavel	UPF Rectifier for PMSG Based Wind Energy Conversion System	APPLICATION
19	Venketesh.S			
20	Suriya.R			
21	Samuel Mathew.G			
22	Gokulakrishnan.B	Mr. Manikandan	Home Automation system based on IOT using Cellular Devices	IMPLEMENTATION
23	Vignesh.B			
24	Snahasish. Saha	Mr. Janarthanan	Expeditious Identification of Earth fault on Ship	RESEARCH
25	Azarutheen.S	Dr.D.Lakshmi	Speed Control of Induction motor using Fuzzy and Internet of Things	IMPLEMENTATION
26	Santhosh. Kumar			
27	Anitosh Mondal			
28	Krishnaraj.S	Dr.Themozhi	Investigation of suitable Bidirectional DC to DC Converter for solar Applications	RESEARCH



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**STUDENT PROJECTS FUNDED BY AMET**

**Consultancy Project Completed by Our Students**

Our students completed the project titled Cover CTR CPAD POKA YOKA System with Barcode Automation for Hyundai SANTRO LHD Variant at Sintex RAPL India Limited in association with CDCE Automation Pvt Ltd during the academic year 2018 – 2019.

*Consultancy Project done by III Year Students*

S.No	Name of the Students	Title of the Project	Year
1	S. Venkatesh	POKA YOKA System with Barcode Automation	III Year / B.E(EEE-Marine)
2	Anitosh Mondal		
3	Ganesh Babu. K		
4	Naveen raj. R		



*Project Team of 'POKA YOKA System with Barcode Automation' with our Hon' Vice Chancellor*



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**STUDENTS PROJECTS PUBLISHED IN REPUTED JOURNALS (2016-20)**

S.No	Name of the students	Name of the Supervisor	Title of the Paper	Name of the Journal	Volume/ Issue No.
1	Ganesh Babu.K	Mr. S. Amirtharaj	Digital Control for MPPT Voltage Regulation of partial Shaded PV Module	Journal of Interdisciplinary Cycle Research	Vol: XII, Issue: III, March 2020
	Naveen Raj. R				
	Mohan Raj. R				
2	Dinesh Kumar. M	Mr. C. Gnanavel	UPF Rectifier for PMSG Based wind Energy Conversion system	Journal of Interdisciplinary Cycle Research	Vol: XII, Issue: III, March 2020
	Samul Mathew				
	Suriya.R				
	Venkatesh.S				
3	Azarutheen. S	Dr. D. Lakshmi	Speed Control of induction Motor Using Fuzzy and Internet of Things	Journal of Interdisciplinary Cycle Research	Vol: XII, Issue: III, March 2020
	Santhosh Kumar.D				
	Anitosh Mondal				
	P. Dhanasekar				
	R. Dinesh				
	Manoj. CK				



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**PROJECTS PRESENTED/PUBLISHED IN NATIONAL/ INTERNATIONAL CONFERENCES BY STUDENTS (2016-20)**

S.No	Name of the Students	Title of the Paper	Name of the Conference	Venue	Date
1	Azarutheen. S	Improved Power factor and THD of CUK Converter using PMBLDC Motor for Electric Vehicles	1 <sup>st</sup> International Conference on Computer Communications & Power Systems (ICCCPS-2020)	Sri Venkateswaraa College of Technology, Chennai	29.05.2020 & 30.05.2020
	Santhosh Kumar.D				
	Anitosh Mondal				
2	Naveen Raj. R	Analysis of water Observation using Arduino based on GSM and Wireless Detector Technology	International Conference on Modern trends in Engineering & Research (ICMTER-2020)	Marthandam College of Engineering and Technology, Kanyakumari	12.03.2020 & 13.03.2020
	Mohan Raj. R				
	Ganesh Babu.K				
3	Beer Mohamed Uvaiz	Wi Fi Enabled System for Smart Electrical Appliances using Mesh Topology	International Conference on Modern trends in Engineering & Research (ICMTER-2020)	Marthandam College of Engineering and Technology, Kanyakumari	12.03.2020 & 13.03.2020
	Vaithiyanathan. S				
	Sri Ram Surath Kumar.V				
4	Snahasish. Saha	Expeditious Identification of Earth fault on Ship	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

5	Krishnaraj.S	Investigation of suitable Bidirectional DC to DC Converter for solar 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
6	Gokulakrishnan.B	Home Automation system based on IOT using Cellular Devices	1 <sup>st</sup> International Conference on Computer Communications & Power Systems (ICCCPS-2020)	Sri Venkateswaraa College of Technology, Chennai	29.05.2020 & 30.05.2020
	Vignesh.B				
7	Dinesh Kumar.M	UPF Rectifier for PMSG Based Wind Energy Conversion System	3 <sup>rd</sup> International Conference on Advance Scientific Innovation in Science, Engineering and Technology (ICASISSET 2020)	Bharath Institute of Higher Education and Research, Chennai	15.05.2020 & 16.05.2020
	Venketesh.S				
	Suriya.R				
	Samuel Mathew.G				
8	Punnoose. Benny	Smart Helmet	3 <sup>rd</sup> International Conference on Advance Scientific Innovation in Science, Engineering and Technology (ICASISSET 2020)	Bharath Institute of Higher Education and Research, Chennai	15.05.2020 & 16.05.2020
	Sreerag.Sreekumar				
	Avinash. Vijay				
9	Surya.A	Automated solar panel cleaning system	3 <sup>rd</sup> International Conference on Advance Scientific Innovation in Science, Engineering and Technology (ICASISSET 2020)	Bharath Institute of Higher Education and Research, Chennai	15.05.2020 & 16.05.2020
	Praveen.D				
	Karthi.P				
10	Abiraj.B	A new half bridge Impedance Source Converter with high Voltage Gain	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
	Joel. Robinson				
	Akash.S				
	Immanuel Peter				