



R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY

R.S.M. NAGAR, PUDUVOYAL – 601 206



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Academic year: 2019-20

Journal Publications

S. No	Name of the Authors	Year	Title	Details
1	Mr. Uma Sankar L Praveen S Srinath S Surya S Nirmal Kannan R	IV	Comparison Of Fractional Order PID And Fuzzy-Logic-Controlled PV Cascaded-Re-Boost-Inverter System With Improved Dynamic Response	International Research Journal of Scientific And Technology (IRJSTR) (Scopus) (Volume 9 -Issue 6, June 2020 Edition - ISSN 2277-8616)
2	Ms. D. Nageswari Nithesh Kumar S Rohith Kumar E Shailesh L Blessed Rajkumar M	IV	Battery Management System In Electric Vehicle	International Journal of Science and Research (IJSR), ISSN : 2319-7064, Vol:9, Issue:9, September 2020
3	Gowtham Babu V, Lalith B, Kani Muthu G, Dilavar Basha K	IV	An Power Consumed Micro Control Unit For Electrical Vehicle	International Research Journal Of Engineering & Technology (IRJET) Volume 07, Issue 08 (Aug 2020)
4	Lokeshwaran R, Ajithdurai S, Annamalai N, Gopikannan K M, Geetha Mahalakshmi.G	IV	Energy Storage Management with Bidirectional Energy Control In Residential Application	International Journal Of Engineering Research & Technology (IJERT) Volume 09, Issue 03 (March 2020) Published in 01-04-2020. Paper Id:IJERTV9IS030502

Paper Presentations:

- **Preethi P and Rohini S** of III Year has attended has presented the paper in the student level National Technical Symposium, EPSILON 2k19 at Meenakshi Sundararajan Engineering College on 17.08.2019.
- **Sushmitha N, Preethi P and Shivani Sree N** of III year presented paper titled, “Recent Trends and Technologies in Water Conservation” in Symposium organized by Meenakshi Sundararajan Engineering College in 18.08.2019.

S. No	Name of the Authors	Year	Title	Details	Remarks
1	Divya R S, Jansi J, Jeenath Beevi M and Dr.Catherine T J	IV	A Power Management Strategy For PV/Battery Hybrid Three Port Fully Reconfigurable Converter	International Conference On Research Advancements & Challenges In Engineering Sciences, (ICRACE’20), Velammal Institute of Technology During 06.03.2020 to 07.03.2020.	Best Paper
2	Divya R S, Jansi J, Jeenath Beevi M and Dr.Catherine T J	IV	A Power Management Strategy For PV/Battery Hybrid Three Port Fully Reconfigurable Converter	National Conference On Recent Trends In Power, Energy, Control And Automation (NCRTPECA-2020), R.M.K College of Engineering and Technology 17.02.2020	
3	Dr. Kalaiarasi N Ashwin C Raghunath S Saravana Kumar S Shiyam Sundar V	IV	Iot Based Microgrid Automation For Optimizing Energy Usage And Controllability.	International Conference On Science, Technology, Engineering And Management (ICONSTEM-2020) Jeppiaar Engineering College held on 15th July 2020.	
4	Jai Vignesh R Prakash S Sivan Pillai Y Balaji E Mr. Gunalan K	IV	An Efficient Coupled Motor Design For Electric Vehicles	International Conference on Innovative and Emerging Trends in Engineering and Technology (ICIETET ’20)	

S. No	Name of the Authors	Year	Title	Details	Remarks
				Panimalar Institute of Technology During 26.06.2020 to 27.06.2020.	
5.	Mr. Gunalan K Jesil Riba Bharathi A Ezhilarasi C Madhushree N Leena Priyadharshini R	IV	An Enhanced Active Balancing Circuit With Reconfigurable Battery For Electric Vehicles	International Conference On Innovative And Emerging Trends In Engineering And Technology (ICIETET '20) Panimalar Institute of Technology, held on 26.06.2020 & 27.06.2020.	
6.	Mr. L. Umashakar Pavithra J Swetha V B J Shanmuga Priya V	IV	Evaluation Of Closed Loop Control Strategies Of Grid Connected System.	International Conference on Innovative and Emerging Trends in Engineering and Technology (ICIETET '20) Panimalar Institute of Technology During 26.06.2020 to 27.06.2020.	
7	Dr. Bindu K V Yogesh Kumar B Yuvanesh E Jagadesh T Aravindan K	IV	Selection Of Motor For Implementing Load Adaptive Power Controller In Heavy Duty Electric Vehicles	International Conference on Innovative and Emerging Trends In Engineering and Technology (ICIETET '20) Panimalar Institute of Technology, held on 26.06.2020 & 27.06.2020.	
8.	Dr. Bindu K V Aadhya C M V S Anusha N	IV	Design And Implementation Of Accident Detecting And Alerting System With Switchover Methodology Using Arduino Nano Board And Speed Control System At Various Zones	International Conference on Innovative and Emerging Trends In Engineering and Technology (ICIETET '20) Panimalar Institute Of Technology, held on 26.06.2020 & 27.06.2020.	

S. No	Name of the Authors	Year	Title	Details	Remarks
9.	Ms. Nageswari D Nandhini G Pavithra G Pavithrasree G Saranya K	IV	Flexible Vehicle Diagnostics And Communication With Smartphones Using Pi-Microcontroller	International Conference on Innovative and Emerging Trends in Engineering and Technology (ICIETET '20) Panimalar Institute of Technology during 26.06.2020 to 27.06.2020.	
10.	Mr. Dilavar Basha K Lakshmi Priya V Manjula S Divya N	IV	Smart Control of PV Solar Farm As STATCOM For Enhancing Grid Power	Virtual National Conference on Recent Advancement in Communication Electronics and Signal Processing (RACES'20) Velammal Engineering College held on 8th of August, 2020	
11	Gowtham Babu V Lalith B Kanimuthu G Mr. K. Dilavarbasha	IV	Electric motorcycle dashboard based on PIC and GSM Technology	National Conference on Recent Trends in Power, Energy, Control and Automation (NCRTPECA - 2020) at R.M.K. College of Engineering and Technology on 17.02.2020	
12.	Mr. Hariharan N Poovizhi B Premalatha V Rakshana M Ramya B	IV	Smart Stretcher And Integrated Medical Intelligence Systems For Unconscious Person	International Conference On Innovative and Emerging Trends in Engineering and Technology (ICIETET '20) Panimalar Institute of Technology During 26.06.2020 To 27.06.2020.	
13.	Sahithya.R, Sandhiya.E and Geethamahalaks hmi. G	IV	Power Quality Enhancement In Grid Connected System Using Diode Clamped Multilevel Converter	International Conference on Innovative And Emerging Trends In Engineering And Technology (ICIETET '20) Panimalar Institute of Technology During	

S. No	Name of the Authors	Year	Title	Details	Remarks
				26.06.2020 to 27.06.2020.	
14.	Akash V Arun V Bharath S Janagan S Ms.G.Geethama halakshmi	III	Automatic Solar Panel Dust Cleaning System	National Conference on Recent Trends in Power, Energy, Control and Automation (NCRTPECA - 2020) at R.M.K. College of Engineering and Technology on 17.02.2020	
15.	Charles R Gokul V Kirubakaran R Mr. L. Umasankar	III	Implementing the Energy Meter Consumption Monitoring System	National Conference on Recent Trends in Power, Energy, Control and Automation (NCRTPECA - 2020) at R.M.K. College of Engineering and Technology on 17.02.2020	