



RMK COLLEGE OF ENGINEERING AND TECHNOLOGY

RSM NAGAR, PUDUVOYAL – 601 206



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic year 2020-21

CONFERENCE & JOURNAL PUBLICATIONS

2020-2021 BATCH

S.No	Name of the Authors	Year	Title	Details
1.	Dr. Kalaiarasi N Karishma C Divya priya D Rohini S	IV	Design and control of wind solar system with 3 phase 4 wire loads	International Conference on Innovations in Electronics and Communication Systems (ICIECS – 2021), R.M.K. College of Engineering and Technology, 06.05.2021 & 07.05.2021
2.	Mr. Gunalan K Janagan S Srihari R Malan M R	IV	Investigation and Analysis on Electric Harvesting from High Voltage Transmission Line to finding and filtering the ripples and harmonics	National Conference on Innovations and Challenges in Geotechnical Engineering, Computer Science and VLSI (NCGCE-21), IES College of Engineering, 02.06.2021
3.	Mr. Gunalan K Karthick Sutharsan M N Bharath S Aravind M S	IV	Automated Process of Vulcanizing Elastomer by using ATMEGA 2560	Received Final year Project Development program in collaboration with Thejo Engineering Limited(R&D Centre) from 01.02.2021 to 30.04.2021
4.	Dr. Catherine T J Hemamalini V V Ellakkiya D Shivanisree N Peshwani N	IV	Enhancement of Power Quality in Grid Integrated System Using PV Solar Farm	National Conference on Innovations and Challenges in Geotechnical Engineering, Computer Science and VLSI (NCGCE-21), IES College of Engineering, 02.06.2021
5.	Dr. Catherine T J Akash V Hariprasath S Gokul V	IV	Implementation of Improved predictive model control for standalone power generation system based PV Renewable Energy	National Conference on Innovations and Challenges in Geotechnical Engineering, Computer Science and VLSI (NCGCE-21), IES College of Engineering, 02.06.2021

6.	Mr. Umasankar L Ajay Mohan P Arun V Hariharan R	IV	Design and Implementation of Energy Management System with Fuzzy Control for DC Microgrid Systems	International Journal of Applied Science and Technology
7.	Mr. Umasankar L Charles R Harindrakumar J Manoj M	IV	Fractional order PID Controlled Bidirectional DC-DC converter system with enhanced response	International Journal of Electrical Engineering Education
8.	Dr. Bindu K V Pooja M Preethi P Nivetha Rajalakshmi P	IV	Development of Wind and Solar Based AC Microgrid with Power Quality Improvement for Local Non Linear Load	International Conference on Emerging Trends in Science and Circuit Engineering (ICESCE-2021), Adhi College of Engineering and Technology, 23.04.2021 & 24.04.2021
9.	Dr. Bindu K V Surya Prakasam S Navanitha Krishnan L S Vignesh R	IV	Monitoring and Detection of Eye Blinking In View of Accident Prevention due to drowsiness using Arduino	National Conference on Innovations and Challenges in Geotechnical Engineering, Computer Science and VLSI (NCGCE-21), IES College of Engineering, 02.06.2021
10.	Ms. Nageswari D Goutham G Shaik Mohammed Hussain Nikhilesh C	IV	An Implementation of Solar PV Array Based Multifunctional EV Charge with ANFIS Controller	International Conference on Innovations in Electronics and Communication Systems (ICIECS – 2021), R.M.K. College of Engineering and Technology, 06.05.2021 & 07.05.2021
11.	Ms. Nageswari D Kaushika K Akshaya A P Archana A Meena Yazhini R	IV	Power Factor Improvement In Modified Bridgeless Landsman Converter Fed EV Battery Charger	2 nd International Conference on Smart Electronics and Communication, 07.10.2021 to 09.10.2021 Trichy
12.	Mr. Dilavar Basha K Prasanth M Vignesh G Vignesh V	IV	Adaptive Ripple Correlation Control (ARCC) for Solar Maximum Power Point Tracking	National Conference on Recent Advancements in Communication, Electronics & Signal Processing (RACES'21), Velammal Engineering College, 09.04.2021
13.	Mr. Dilavar Basha K Pugazhendhi K Venkatraman V N Yadhavan M	IV	On-Grid solar fed BLDC motor drive for water pumping application	National Conference on Recent Advancements in Communication, Electronics & Signal

				Processing (RACES'21), Velammal Engineering College, 09.04.202
14.	Mr. Hariharan N Prasanna R Sudharson M Porko M	IV	Smart Irrigation System Using Image Processing and Arduino	National Conference on Innovations and Challenges in Geotechnical Engineering, Computer Science and VLSI (NCGCE-21), IES College of Engineering, 02.06.2021
15.	Mr. Hariharan N Vignesh Pa Kirubakaran R Sabaresh K	IV	Hybrid Buck-Boost Multi Output Quasi Z- Source Converter with Dual DC and Single AC Output	National Conference on Innovations and Challenges in Geotechnical Engineering, Computer Science and VLSI (NCGCE-21), IES College of Engineering, 02.06.2021
16.	Ms. Geethamahalakshmi G Aswini V Diviya S Sushmitha N	IV	Switched DC Based Novel Multilevel Inverter Topology with reduced switches count	International Conference on Artificial Intelligence for IoT and Sustainable Electrical Networks (ICAIISEN'21), SRM TRP Engineering College, 29.04.2021
17.	Ms. Geethamahalakshmi G Mohamed Shuaib N Sabarish V Shri ram Prasad S R S	IV	Cross Connected Compact Switch Capacitor Multilevel Inverter Topology with Reduced Switch Count	National Conference on Innovations and Challenges in Geotechnical Engineering, Computer Science and VLSI (NCGCE-21), IES College of Engineering, 02.06.2021