



# R.M.K. COLLEGE OF ENGINEERING & TECHNOLOGY

R.S.M. NAGAR, PUDHUVOYAL – 601 206



Department of Electrical and Electronics Engineering

Academic Year 2020-21

## Journals Published

S. No:	Journal Details	Scopus/WOS Indexed
1	Prakash J., <b>Gunalan K.</b> , Mohana Sundaram K published paper titled “Design and Development of Solar Photovoltaic System Using Single-Phase MLT”, Lecture Notes in Electrical Engineering 626, ISSN: 18761100, 2020.	Scopus & indexed
2	N. Muthu Mekala, <b>K. Gunalan</b> , published paper titled “Design and Analysis of Pliable Elbow Crutch for Differently Abled Individuals”, International Journal of advanced science and technology, vol.29, issue 3, ISSN: 2005-4238.	Scopus & Not yet Indexed
3	<b>K.Gunalan</b> published paper titled “Topology and Performance Analysis of Cascadable Nine Level Inverter by Packed UCell Invertor and using Multi-Mode Synchronized PWM Schemes”, Journal of Green Engineering, ISSN No: 1904-4720, vol: 10, issue: 9, 2020.	Scopus & indexed
4	Dr. Catherine T.J published paper titled, “Analysis of Dust Particle Charging & Its Collection in a Needle Plate Electrostatic Precipitator”, Journal of Green Engineering, ISSN 1904-4720, vol:10, issue:9, 2020.	Scopus & indexed
5	Mr.Umashankar L, Praveen S, Srinath S, Surya S and Nirmal kannan R published paper titled “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, edition - ISSN 2277-8616, June 2020.	Scopus & not indexed



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6	Mrutyunjaya S Yalawar, Umashankar L Bottu Gurunadha Rao published paper titled “Residue Analysis of Image Quality Using Tensorflow” Journal of Critical Reviews (Scopus), Volume 7 -Issue 4, edition - ISSN 23945125, July 2020.	Scopus & not indexed
7	R. Elavarasu, Bindu K V, P. Shanmugapriya, S. Premalatha, “Comparative Study on Performance analysis of SEPIC/Modified SEPIC Converter with PI Controller”, Test Engineering and Management, Vol. 83., June 2020.	Scopus & not indexed
8	Sundararaman K, Elavarasu R, Bindu K V published paper titled, “A Soft-Switched Bi-directional DC-DC Converter for a BLDC motor based Electric Vehicle”, International Journal of Emerging Trends in Engineering Research, vol:8, issue 6, 2020.	Scopus
9	D Nageswari, N Kalaiarasi, G Geethamahalakshmi, P Ajay Mohan, M N Karthick Sutharsan, “Passcode Based Circuit Interrupter”, International Journal of Innovative Technology And Exploring Engineering, vol: 9, Issue. 6, April 2020.	Scopus & not indexed
10	Nageswari D, Nithesh Kumar S, Rohith Kumar E , Shailesh L , Blessed Rajkumar M, “Battery Management Systems in Electric Vehicles”, International Journal of Science and Research (IJSR) ISSN: 2319-7064, DOI: 10.21275/SR20916190724, Volume 9 Issue 9, pp 902-907, September 2020	Google Scholar
11	Dilavar Basha K, Gowtham Babu V, Lalith B and Kani Muthu G published a paper titled, “An Power Consumed Micro Control Unit for Electrical Vehicle” in International Research Journal of Engineering & Technology (IRJET), Volume 07, Issue 08, Aug 2020.	Scopus & not indexed



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12	Hariharan N., Kalaiarasi N published a paper on “Dynamic power stabilization model for improved conduction and switching loss using boost rectifiers”, Microprocessors and Microsystems, ISSN: 103286, vol: 79, 2020.	WOS and Scopus indexed
13	Mr.Hariharan N, Dr.Kalaiarasi N, Mr.Leo Amalraj J, Dr.Senthil Kumar S, “SMART INDUSTRIES USING MIS-PRO-SMA TOOLS AND MONITORING USING I OT”, Journal of Xidian University, <a href="https://doi.org/10.37896/jxu14.5/372">https://doi.org/10.37896/jxu14.5/372</a> , VOLUME 14, ISSUE 5, 2020.	Scopus & not indexed
14	Senthil kumar S, Chandrasekaran R, Leoamalraj J, Hariharan N, “ A Study on Novel Corona Virus Disease (COVID-19) and its Preventive Measurers”, Journal of Xidian University, VOLUME 14, ISSUE 4, ISSN No:1001-2400, <a href="http://xadzkjdx.cn/https://doi.org/10.37896/jxu14.4/1261076">http://xadzkjdx.cn/https://doi.org/10.37896/jxu14.4/1261076</a> , 2020.	Scopus & not indexed
15	Geetha Mahalakshmi.G, Kalaiarasi N,Nageswari D,Lokeshwaran R, Ajithdurai S, Annamalai N and Gopikannan K M published a paper titled “Energy Storage Management with Bidirectional Energy Control in Residential Application” International Journal of Engineering Research & Technology (IJERT),Volume 09, Issue 03 ,and Paper ID: IJERTV9IS030502, March 2020.	Google Scholar
16	Devi Gandhirajan, Geethamahalakshmi Gengi, Booma Jayapalan, published paper titled “Zigbee Based Intelligent RF Security System for Cars”, Solid State Technology Volume: 63 Issue: 6, 2020.	Scopus & not indexed
17	K.Gunalan, An Enhanced Active Balancing Circuit with Reconfigurable Battery for Electric Vehicles, Journal of University of Shanghai for Science and Technology, Vol: 23, issue: 5, May 2021	Scopus & not indexed



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18	Dr. Bindu K V, Ms. Nageswari D, Ms. Geethmahalakshmi G, ‘Classification of standard oral cancer using textural analysis and Hybrid Hopfield Neural Networks, Turkish Journal of Physiotherapy and Rehabilitation, vol 32, issue 2, May 2021	Scopus & not indexed
19	B Loveswara Rao, T Vijay Muni, Saahithi S, Mohd Mustafa, Subramaniam. G, Dilavar Basha K, “An Efficient Speed Control Method for a Single-Phase Induction Motor by Sliding Mode Technique”, Turkish Journal of Physiotherapy and Rehabilitation, ISSN 2651-4451   e-ISSN 2651-446X, vol: 32, issue: 3, May 2021	Scopus & indexed