



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

R.S.M. NAGAR, PUDHUVOLYAL – 601 206



## Department of Electrical and Electronics Engineering

Academic Year 2021-22

### Publications

S. No:	Details	Scopus/WOS Indexed
1	Dr. Catherine T J, “IOT based mobile application development for power development monitoring in commercial building”, NVEO Journal, Vol:8, Issue: 5, ISSN: 5678-5701, 2021.	Scopus & yet to be indexed
2	L. Umasankar, “A Novel Control Scheme for PV/WT/FC/Battery to Power Quality Enhancement in Micro Grid System: A Hybrid Technique”, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, ISSN / eISSN: 1556-7036 / 1556-7230 Vol: 01, Issue: 01, July 2021.	WoS & Scopus indexed
3	Elango, K., Prakash, A., <b>Umasankar, L</b> , “Multi objective optimization model for renewable energy sources and load demands uncertainty consideration for optimal design of hybrid combined cooling, heating, and power systems”, International Journal of Energy Research, ISSN: <a href="#">0363-907X</a> , DOI: <a href="#">10.1002/er.7684</a> , Jan 2022.	WoS & Scopus indexed
4	<b>Nageswari, D., Kalaiarasi, N., Geethamahalakshmi, G</b> , “Optimal placement and sizing of distributed generation using metaheuristic algorithm”, Computer Systems Science and Engineering, Vol:41, Issue: 3, pp: 493-509, DOI: 10.32604/csse.2022.020539, 2022.	WoS & Scopus indexed
5	Vino.T, Srinivasan S, Suma Sira Jacob, Dr.G.Manikandan, <b>Dilavar Basha K</b> , “A Secured Dynamic Lightweight Authenticity Mechanism For Iot Assisted WSN”, International Journal of Aquatic Science, ISSN: 2008-8019 Vol 12, Issue 03, pp: 2486-2491, 2021.	WoS & yet to be indexed



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6	Geethamahalakshmi, G., Kalaiarasi, N., Nageswari, D. “Fuzzy Based MPPT and Solar Power Forecasting Using Artificial Intelligence”, Intelligent Automation and Soft Computing, Volume: 32, Issue:3, pp: 1667-1685, Jan 2022.	WoS & Scopus indexed
7.	Catherine T. J, “Charge inversion in ferromagnetic semiconductor for electrical treatment”, Elsevier: Materials Today – Proceedings, DOI: <a href="https://doi.org/10.1016/j.matpr.2021.12.480">https://doi.org/10.1016/j.matpr.2021.12.480</a> , Jan 2022.	Scopus Conference Paper & Yet to be indexed
8.	Dr. Bindu K. V, Dr. Kalaiarasi N, Rajalakshmi K, “Design and Implementation of a Load Adaptive Power Controller to Improve EV Efficiency”, International Conference on Smart Technologies and Applications (ICSTA 2022), Mar 2022.	Scopus Conference Paper & Yet to be indexed
9.	Dr. Bindu K. V “Demonstrating and Investigating the Mechanical Strength of Solar Cells”, ECS Transactions.	Accepted & yet to be published
10.	Nageswari, D., Geethamahalakshmi, G., Kaushika, K., Akshaya A, P., Archana, A., Meena Yazhini, R, “Improvement of Power Factor Using Modified Method of Bridgeless Landsman Converter Fed Electric Vehicle Battery Charger”, Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021, Volume: 518, Issue: 525, DOI: 10.1109/ICOSEC51865.2021.9591785, pp: 518-525, ISSN: 978-1-6654-3368-6, 2021.	Scopus Conference Paper & Indexed



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<b>S. No:</b>	<b>Details</b>	<b>Scopus/WOS Indexed</b>
<b>11.</b>	Geethamahalakshmi G, “An efficient metaheuristic optimization based fuzzy controller for brushless DC drives lifetime expansion”, Elsevier: Materials Today: Proceedings, ISSN: 2214-7853, DOI: <a href="https://doi.org/10.1016/j.matpr.2021.10.176">https://doi.org/10.1016/j.matpr.2021.10.176</a> , Oct 2021	Scopus Conference Paper & Yet to be Indexed