

## One Page CV

Name : Dr.R.Ramkumar  
Designation : Assistant Professor  
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Research Interests : Power Converters, Renewable Energy, Smart Grid, Microgrid & Optimization Techniques

Profile Link : [Google Scholar Page](#)  
[Scopus Link](#)

<https://www.webofscience.com/wos?app=wos&Init=Yes&SrcApp=CR&locale=en-US&SID=EUW1ED0B6DJFJpix9C7QilKI8Uad>

### Best 3 Publications:

1. **Ramkumar R**, Sathiasamuel CR, Ramasamy P, Balasubramanian K.” MSVM-based hybrid energy-fed quasi-Z-source cascaded H-bridge inverter for grid-connected system”. Int Trans Electr Energy System. 2021; e13139. doi:10.1002/2050-7038.13139.
2. S. Sathish Kumar, **R. Ramkumar**, S. Sivarajeswari, D. Ramya, T. Subburaj, Martin Sankoh, "Performance Enhancement of a Three Phase Boost-Cascaded Fifteen Level Inverter Using the PI Controller", Mathematical Problems in Engineering, vol. 2022, Article ID 3888571, 17 pages, 2022. <https://doi.org/10.1155/2022/3888571>.
3. K. Srujan Raju, Manmohan Singh, T. Subburaj, Rashima Mahajan, D. Rosy Salomi Victoria, **R. Ramkumar** & J. Fahamitha (2023) Statistical Evaluation of Network Packets in an Intrusion Detection Mechanism Using ML and DL Techniques, Cybernetics and Systems, DOI: 10.1080/01969722.2023.2175137.

### Awards & Honours:

1. Act as a Section Editor for Green Electricity reputed journal.
2. Act as a Reviewer for International Journal of Power Electronics and Drives system (IJPEDS) Scopus Indexed Journal reviewed 3 articles during the month of January 2023.
3. Act as a Reviewer for International Journal of Applied Power Engineering (IJAPE) Scopus Indexed Journal reviewed 1 article during the month of December 2022.
4. Received Best Researcher Award-2022 in International Scientist Awards on Engineering, Science and Medicine (INSO Awards 2022).