

Dr.R.Azhagumurugan

Associate Professor

Electrical & Electronics Engineering

Sri Sairam Engineering College

azhagumurugan.eee@sairam.edu.in

9176769191

PUBLICATIONS

1. R.Azhagumurugan and G. Gurusivakumar Presented a paper titled as “Arduino based output voltage control of bi-directional converter for HEV’s” in the International conference on Trends in Technology for convergence 2015, AVS Engineering College, Salem.
2. R.Azhagumurugan, J.Harinarayanan, M.Rajasekaran Presented a paper titled as “Crosstalk reduction in multi-conductor transmission lines using periodic structures of complimentary split-ring resonators” in the International conference on futuristic trends in Engineering, Science, humanities and Technology, January 2016, IPS college of Technology & Management, Gwalior.
3. R.Azhagumurugan presented article titled as “Novel modular multiple input bi-directional DC-DC power converter using fuzzy network for HEV/FCV application” 2016 International Conference on Computation of Power, Energy, Information and Communication, ICCPEIC 2016, 2016, pp. 439-444, 7557273
4. R. Azhagumurugan,S. Shreyas Ramachandran; K. Sivaraman; A. K. Veeraraghavan; R. Yuvaraj; Presented a paper titled as “Design and development of smart branched switch for home automation systems” in 2017 IEEE International conference on smart technologies for smart nation, with ISBN 978-1-5386-0569-1, DOI 10.1109/SmartTechCon.2017.8358446.
5. R. Azhagumurugan; G Vignesh Kumar; A Karthik ,Presented a paper titled as “Guiding and control of fishermen boat using GPS” in the International conference on computation of Power, Energy Information and Communication, at Athiparasakthi Engineering college, April 2017.
6. R. Azhagumurugan Presented a paper titled as “Crosstalk analysis of PCBs and mitigation of crosstalk using CSRR structures” in the Progress in electromagnetics research symposium,2017, NTU, Singapore.
7. R. Azhagumurugan Presented a paper titled as “Fuel cell microturbine hybrid system” in the IEEE sponsored International conference on Power, Energy, Control and Transmission Systems 2018 at Sri Sai Ram Engineering College, Chennai.
8. R. Azhagumurugan Presented the paper “Application of Infrasonic Sound for Design and Development of wireless power transfer” in the IEEE sponsored International conference on Power, Energy, Control and Transmission Systems 2018 at Sri Sai Ram Engineering College, Chennai.
9. R. Azhagumurugan Presented the paper “IoT Enabled Coherent Detritus Management” in the IEEE sponsored International conference on Power, Energy, Control and Transmission Systems 2018 at Sri Sai Ram Engineering College Chennai.

10. R. Azhagumurugan Presented the paper FEXT analysis and its mitigation using double-slit complementary split-ring resonators in Toward the Most Efficient Way of Making and Dealing with Future Electrical Power System and Big Data Analysis, ICon EEI 2018, 2018, pp. 98-101, 8784137.
11. Dr.R. Azhagumurugan, S. Priyadharshini, C.S. Sharumathi, K. Malini and K. Lakshmipraba (2019) Artificial speech aid for vocal impairment, Journal of International Pharmaceutical Research 46(1): 755-757