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Dr. K. Srinivasan, Assistant Professor in the Department of Electrical and Electronics Engineering has 8 years of teaching experience. He received his B.E. Electrical and Electronics Engineering degree from University of Madras, M.E. Applied Electronics from Anna University and Ph.D. from VIT University.

**Areas of Research:**

EMI/EMC on Power Electronics Converter, FPGA Based PWM Techniques, Chaos Control in Power Electronic Converters, EMI/EMC in Electric Vehicle Applications.

**Publications:**

1. Srinivasan Kalaiarasu and Sudhakar Natarajan (2023) “Multi-Level Active Filter for EMI mitigation In EV Applications” Iranian Journal of Science and Technology-Transaction on Electrical Engineering-Springer. Pages 1-11. doi: [10.1007/s4098-02-00607-8](https://doi.org/10.1007/s4098-02-00607-8).
2. Srinivasan Kalaiarasu and Sudhakar Natarajan (2022), ‘Conducted Electromagnetic Interference Mitigation on Two-Stage Cascaded Boost (TSCB) DC-DC Converter using FPGA based DCPWM Technique for EV Applications’, Journal of Electrical Engineering and Technology-Springer 1–11. doi: [10.1007/s42835-022-01264-3](https://doi.org/10.1007/s42835-022-01264-3).
3. Srinivasan Kalaiarasu and Sudhakar Natarajan (2023), ‘A comparison statement on DCPWM based conducted EMI noise mitigation process in DC-DC converters for EV’, Bulletin of Electrical Engineering and Informatics 12(2),704–718. doi: [10.11591/eei.v12i2.4315](https://doi.org/10.11591/eei.v12i2.4315).
4. Srinivasan Kalaiarasu and Sudhakar Natarajan (2023), ‘Conducted electromagnetic interference mitigation in super-lift Luo-converter for electric vehicle applications’, International Journal of Electrical and Computer Engineering 13(4), 3838–3846. doi: [10.11591/ijece.v13i4.pp3838-3846](https://doi.org/10.11591/ijece.v13i4.pp3838-3846).
5. Srinivasan Kalaiarasu and Sudhakar Natarajan (2023), ‘DCPWM based conducted EMI noise mitigation in ULL converter for EV applications’, International Journal of Power Electronics-Inderscience Publishers.18(1),91-118.doi: [10.1504/IJPELEC.2023.10048443](https://doi.org/10.1504/IJPELEC.2023.10048443).

**Google Scholar:**

<https://scholar.google.com/citations?hl=en&user=0zwwX14AAAAJ>

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