

Dr.R.Karthikeyan
Professor,
Department of Electrical and Electronics Engineering,
M.Kumarasamy College of Engineering, Karur, Tamilnadu-639113,
Cell:9443286336
Mail id:papkarthik@gmail.com

Area of Specialization:

- Optimization Control Techniques
- Power Converters
- Smart Grid
- Communication Engineering

Publication:

1. Durgadevi Velusamy, **Karthikeyan Ramasamy**, “Ensemble of heterogeneous classifiers for diagnosis and prediction of coronary artery disease with reduced feature subset”, Computer Methods and Programs in Biomedicine, Vol. 198, 2021.
2. Durgadevi Velusamy , GaneshKumar Pugalendhi and **Karthikeyan Ramasamy**, “A Cross-Layer Trust Evaluation protocol for secured routing in Communication Network of Smart Grid”, IEEE Journal on Selected Areas in Communication(JSAC), volume 38, Issue 1, 2020.193-204.
3. V.Jayakumar, D.C.Kumaresan and **R.Karthikeyan**, “Monitoring and Control of substation using programmable Logic Controller and SCADA”, International Journal of Engineering and Advanced Technology(IJEAT), volume 8, Issue 4, April 2019.620-627.
4. V.Jayakumar, D.C.Kumaresan and **R.Karthikeyan**, “Wind Energy Conversion System and Solar Pv Integration”, International Journal of Engineering and Advanced Technology (IJEAT), volume 8, Issue 4, April 2019.1595 - 1600.
5. **R.Karthikeyan** ,V.Jayakumar, M. Ramesh, “Modified High Speed Minimum Power CAM by Parity bit and Power-gated ml Sensing” , International Journal of Pure and Applied Mathematics 118 (20), 2199-2207.
6. **R.Karthikeyan** ,V.Jayakumar, PL.Somasundaram, “Contingency Analysis in Open Access Transmission System”, International Journal of Pure and Applied Mathematics 118 (20), 2173-2182
7. **R.Karthikeyan**, GN. Sachin Amreiss, “PV Based Interleaved Boost Converter for Pumping Applications”, International Conference on Intelligent and Advanced System (ICIAS), UTP – Malaysia.

8. **R.Karthikeyan**, Selvam Nallathambi, “Prediction of Electricity Consumption Based on DT and RF: An Application on USA Country Power Consumption”, International Conference on Electrical, Instrumentation and Communication – Pondicherry .
9. **R.Karthikeyan**, “Genetically Optimized UPFC Controller for Improving Transient Stability”, International Journal of Emerging Technology in Computer Science & Electronics, Vol. 20, Issue 2, 2016, 167-171.
10. **R.Karthikeyan**, “Mitigation of Inter-Area Oscillations Using FACTs Controller”, International Journal of Applied Engineering Research 10 (9), 7329-7332
11. **R.Karthikeyan**, “Comparison and Performance Analysis of FACTs Controller in System Stability”, **Circuits and Systems** (CS) Volume 7, September 2016, pp 2948-2958. ISSN: 2153-1285.
12. **R.Karthikeyan**, “ Improving Transient Stability by Optimal Placement of Unified Power Flow Controller (UPFC) using Genetic Algorithm”, Journal of Advances in Chemistry (JAC) Volume 7, September 2016, pp 2948-2958. ISSN: 2153-1285.
13. V.Kavitha & **R.Karthikeyan**, “Mitigation of Inter-Area Oscillations Using FACTs Controller”, International Journal of Applied Engineering Research (IJAER), Volume 10, Number 9, Special Issues April 2015, pp 7329-7332. ISSN: 0973-4562.