- 1. Trust aware fault tolerant prediction model for wireless sensor network based measurements in Smart Grid environment, EPK Gilbert, M Lydia, K Baskaran, EB Rajsingh Sustainable Computing: Informatics and Systems, 2019.
- 2. Performance Analysis of Immense Preference Data Forwarding (IPDF) Scheme incorporated with Constructive Time Slot Allocation in IEEE 802.15. 4 for Wireless Body Area Networks, SS Banu, K Baskaran 2019 International Conference on Communication and Electronics Systems (ICCES)2019.
- 3. High resolution DPWM clustered architecture for digitally controlled DC–DC converter using FPGA, V Radhika, K Baskaran Cluster Computing, 2019.
- 4. Decision tree classification-N tier solution for preventing SQL injection attack on websites, KN Durai, K Baskaran International Journal of Enterprise Network Management, 2019.
- 5. Trust aware nature inspired optimised routing in clustered wireless sensor networks, EPK Gilbert, K Baskaran, EB Rajsingh, M Lydia... International Journal of Bio-Inspired Computation, 2019.
- 6. An Efficient FPGA-Based Shunt Active Filter for Power Quality Enhancement, PCN Shri, K Baskaran Emerging Trends in Expert Applications and Security, 2019.
- 7. Hybrid FGWO based FLCs modeling for performance enhancement in wireless body area networks, SS Banu, K Baskaran Wireless Personal Communications, 2018.
- 8. Optimal number of cooperators in the cooperative spectrum sensing schemes, KC Sriharipriya, K Baskaran Circuits, Systems, and Signal Processing, 2018.
- 9. Method and system for facilitating authentication, K Baskaran, SK Prabhu US Patent App. 15/557,596, 2018.
- 10. Enhanced Energy Saving Tree Based Clustering with Multiple Input and Multiple Output, P Selvi, K Baskaran Journal of Computational and Theoretical Nanoscience, 2016.
- 11. Genetic grey wolf optimizer based channel estimation in wireless communication system, J Sujitha, K Baskaran Wireless Personal Communications, 2018.
- 12. Collaborative spectrum sensing of cognitive radio networks with simple and effective fusion scheme, KC Sriharipriya, K Baskaran, Circuits, Systems, and Signal Processing, 2014.
- 13. Detection of high-risk human papillomaviruses in the prevention of cervical cancer in india , K Baskaran, PK Kumar, S Karunanithi, S Sethupathy, B Thamaraiselvi, Asian Pac J Cancer Prev ,2015.

- 14. A COMPREHENSIVE REVIEW ON THE IMPACT OF COMPRESSED SENSING IN WIRELESS SENSOR NETWORKS, G Kumar, K Baskaran, RE Blessing, M Lydia, International Journal on Smart Sensing & Intelligent Systems, 2016.
- 15. Effect of nonlinearity and boiler dynamics in automatic generation control of multiarea thermal power system with proportional-integral-derivative and ant colony optimization, K Jagatheesan, B Anand, K Baskaran, N Dey, AS Ashour, VE Balas, Recent advances in nonlinear dynamics and synchronization, 2018.
- 16. Securing the smart grid network: A review, GEP Kumar, K Baskaran, RE Blessing, M Lydia, Computational Intelligence and Computing Research (ICCIC), 2016 IEEE.
- 17. Hybrid FGWO Based FLCs Modeling for Performance Enhancement in Wireless Body Area Networks, SS Banu, K Baskaran, Wireless Personal Communications 100 (3), 1163-1199,2018.
- 18. Genetic Grey Wolf Optimizer Based Channel Estimation in Wireless Communication System, J Sujitha, K Baskaran, Wireless Personal Communications 99 (2), 965-984,2018.
- FPGA based DPWM/DPFM architecture for digitally controlled dc-dc converters, V Radhika, K Baskaran, Electrical, Computer and Electronics Engineering (UPCON), 2016 IEEE.
- 20. FPGA-Based High-Frequency Digital Pulse Width Modulator Architecture for DC-DC Converters, V Radhika, K Baskaran, Circuits and Systems 7 (04), 464,2016.
- 21. Cryptographically Enforced Data Access Control in Personal Health Record Systems, GK Ragesh, K Baskaran, Procedia Technology 25, 473-480,2016.
- 22. Evolutionary computational technique in automatic generation control of multi-area power systems with nonlinearity and energy storage unit, K Jagatheesan, B Anand, K Baskaran, N Dey, Advances in Chaos Theory and Intelligent Control, 655-680, 2016.
- 23. An online task placement algorithm using Hilbert curve for a partially reconfigurable field programmable gate array, S Joseph, K Baskaran, 2016.
- 24. Evaluating the Impact of Weather Conditions on MANET Routing Protocols ,RJ Baskaran K, International Journal on Electrical Engineering & Informatics 7, pp.454-463,2015.

- 25. An Efficient FPGA-Based Shunt Active Filter for Power Quality Enhancement, PCN Shri, K Baskaran, Emerging Trends in Expert Applications and Security, 719-724,2019.
- 26. Optimal Number of Cooperators in the Cooperative Spectrum Sensing Schemes, KC Sriharipriya, K Baskaran, Circuits, Systems, and Signal Processing 37 (5), 1988-2000,2018.
- 27. Method and system for facilitating authentication , K Baskaran, SK Prabhu, US Patent App. 15/557,596,2018.
- 28. Enhanced Energy Saving Tree Based Clustering with Multiple Input and Multiple Output, P Selvi, K Baskaran, Journal of Computational and Theoretical Nanoscience 15 (3), 773-780,2018.
- 29. Methods and systems for facilitating secured access to storage devices, K Baskaran, SK Prabhu, US Patent App. 15/557,512,2018.
- 30. SCADA Based Intelligent Control and Monitoring of Bottle Filling System, V Radhika, K Baskaran, 2018.
- 31. High resolution DPWM clustered architecture for digitally controlled DC–DC converter using FPGA, V Radhika, K Baskaran, Cluster Computing, 1-10, 2018.
- 32. Block-Random Access Memory-Based Digital Pulse Modulator Architecture for DC–DC Converters, V Radhika, K Baskaran, Intelligent and Efficient Electrical Systems, 35-45,2018.
- 33. Blind Channel Estimation Based Linear Precoding using MIMO-OFCDM, Sujitha, K Baskaran, Wireless Personal Communications 97 (4), 5969-5981,2017.
- 34. An Optimized Secure Data Gathering Scheme for Wireless Sensor Network, N Kaleeswari, K Baskaran, Journal of Computational and Theoretical Nanoscience 14 (3), 1653-1660,2017.
- 35. EVALUATION OF HYBRID TRUST MODELS USING ANT COLONY OPTIMIZATION IN WIRELESS SENSOR NETWORKS, G Kumar, K Baskaran, RE Blessing, M Lydia, International Journal on Smart Sensing & Intelligent Systems 9 (3),2016.
- 36. Hybrid digital pulse width modulator architecture using FPGA, V Radhika, K Baskaran, Recent Trends in Electronics, Information & Communication Technology, 2016.

- 37. Secured Efficient Fast Handover Multihoming Based NEMO+ (SEFMNEMO+) for Vanets, MS Sangari, K Baskaran, Circuits and Systems 7 (04), 239,2016.
- 38. Improved Performance by Combining Web Pre-Fetching Using Clustering with Web Caching Based on SVM Learning Method, KR Baskaran, C Kalaiarasan, International Journal of Computers Communications & Control 11 (2), 67-178,2016.
- 39. Systematically minimizing the impact of mobility in manets, K Baskaran, 2016.
- 40. PERFORMANCE OF BLIND MULTIUSER DETECTION IN FREQUENCY SELECTIVE FADING CHANNEL USING OFCDM, J Sujitha, K Baskaran, Int J Adv Engg Tech/Vol. VII/Issue II/April-June 848, 855,2016.
- 41. On the construction of localised topology structures in wireless networks , K Baskaran, K Muthulakshmi, International Journal of Information and Communication Technology 9 (4), 408-419,2016.
- 42. Mitigation of Voltage Deviations in FSIGs using CHB-Multi-Level Converter based STATCOM, K Malarvizhi, K Baskaran, R Mahalakshmi, Asian Journal of Research in Social Sciences and Humanities 6 (5), 635-648,2016.
- 43. Robust Dynamic Clustering Approach to Improve Quality of Service in Wireless Sensor Network, K Muthulakshmi, K Baskaran, Sensor Letters 13 (9), 769-773,2015.
- 44. FPGA Based Digital Pulse Width Modulator Technique For Digitally Controlled DC-DC Converters, RV Baskaran K, International Journal of Applied Engineering Research 10, pp.13953-13966,2015.
- 45. High Performance Hybrid Fuzzy PID Controller for Permanent Magnet Synchronous Motor Drive with Minimum Rule Base, ANP Baskaran K, Journal of Vibration & Control 21 (No:1), pp.181-194,2015.
- 46. Speed & Torque Control of Permanent Magnet Synchronous Motor Using Hybrid Fuzzy Proportional Plus Integral Controller, ANP Baskaran K, Journal of Vibration & Control 21 (No:3), pp.563-579,2015.