

Dr.K.Baskaran	
Professor / Head Of the Department	
Department of EEE	
Alagappa Chettiar Government College of Engineering and Technology	

Title	Year
Job Satisfaction and Impact on Teaching Faculties in Higher Educational Institutions in Vellore District of Tamil Nadu With Reference to Arts and Science Colleges-A Management Perspective K BASKARAN, G SUGUMARAN Studies in Indian Place Names 40 (1), 1290-1298	2020
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 23, 29-37	2019
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 ...	2019
Enhanced P16INK4A Expression In Cervical Cancer Among HPV Infected Women V Santhosh, K Baskaran, K Santha, S Sethupathy International Journal of Chemical and Lifesciences 3 (3), 1301-1305	2019
High resolution DPWM clustered architecture for digitally controlled DC–DC converter using FPGA V Radhika, K Baskaran Cluster Computing 22 (2), 4421-4430	2019
Cofactors and Their Association with Cancer of the Uterine Cervix in Women Infected with High-Risk Human Papillomavirus in South India K Baskaran, PK Kumar, K Santha, I Sivakamasundari Asian Pacific journal of cancer prevention: APJCP 20 (11), 3415	2019
Decision tree classification-N tier solution for preventing SQL injection attack on websites KN Durai, K Baskaran International Journal of Enterprise Network Management 10 (3-4), 253-271	2019
Trust aware nature inspired optimised routing in clustered wireless sensor networks EPK Gilbert, K Baskaran, EB Rajsingh, M Lydia, AI Selvakumar International Journal of Bio-Inspired Computation 14 (2), 103-113	2019
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
Trust based data prediction, aggregation and reconstruction using compressed sensing for clustered wireless sensor networks EPK Gilbert, B Kaliaperumal, EB Rajsingh, M Lydia Computers & Electrical Engineering 72, 894-909	2018

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
Optimal number of cooperators in the cooperative spectrum sensing schemes KC Sriharipriya, K Baskaran Circuits, Systems, and Signal Processing 37 (5), 1988-2000	2018
Method and system for facilitating authentication K Baskaran, SK Prabhu US Patent App. 15/557,596	2018
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
Genetic grey wolf optimizer based channel estimation in wireless communication system J Sujitha, K Baskaran Wireless Personal Communications 99 (2), 965-984	2018
Methods and systems for facilitating secured access to storage devices K Baskaran, SK Prabhu US Patent App. 15/557,512	2018
Association of estrogen and progesterone with cancer of the uterine cervix in women infected with high-risk human papillomavirus K Baskaran, PK Kumar, K Santha, I Sivakamasundari J Med Sci Res 6 (3), 74-79	2018
Feature fusion for FDG-PET and MRI for automated extra skeletal bone sarcoma classification K Baskaran, R Malathi, P Thirusakthimurugan Materials Today: Proceedings 5 (1), 1879-1889	2018
Optimization of 5.5 GHz CMOS LNA parameters using firefly algorithm J Kaliannan, A Baskaran, N Dey, AS Ashour, BK Sahu, S Pati, ... Bio-Inspired Algorithms in PID Controller Optimization 27 (4), 1-10	2018
SCADA Based Intelligent Control and Monitoring of Bottle Filling System V Radhika, K Baskaran	2018
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
Effect of nonlinearity and boiler dynamics in automatic generation control of multi-area thermal power system with proportional-integral-derivative and ant colony optimization technique K Jagatheesan, B Anand, K Baskaran, N Dey, AS Ashour, VE Balas Recent advances in nonlinear dynamics and synchronization, 89-110	2018
Blind Channel Estimation Based Linear Precoding using MIMO-OFCDM J Sujitha, K Baskaran Wireless Personal Communications 97 (4), 5969-5981	2017

Time stationed traffic prioritization protocol for wireless body area network (WBAN)--modeling and energy consumption analysis SS Banu, K Baskaran Advances in Natural and Applied Sciences 11 (9), 10-17	2017
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
COMBINING INTELLIGENT WEB CACH-ING WITH WEB PRE-FETCHING TECHNIQUES TO PREDICT TOURIST PLACES KR BASKARAN, V VIJILESH, R NEDUNCHEZHIAN International Journal of Pure and Applied Mathematics 116 (12), 97-105	2017
Securing the smart grid network: A review GEP Kumar, K Baskaran, RE Blessing, M Lydia 2016 IEEE International Conference on Computational Intelligence and ...	2016
FPGA based DPWM/DPFM architecture for digitally controlled dc-dc converters V Radhika, K Baskaran 2016 IEEE Uttar Pradesh Section International Conference on Electrical ...	2016
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
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 9 (2)	2016
Hybrid digital pulse width modulator architecture using FPGA V Radhika, K Baskaran 2016 IEEE International Conference on Recent Trends in Electronics ...	2016
Secured Efficient Fast Handover Multihoming Based NEMO+ (SEFMNEMO+) for Vanets MS Sangari, K Baskaran Circuits and Systems 7 (4), 239-254	2016
Design of a Fuzzy Networked Control Systems. Improved Performance by Combining Web Pre-Fetching Using. KR Baskaran, C Kalaiarasan International Journal of Computers, Communications & Control 11 (2)	2016
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
Enhancement of mean energy efficiency in cognitive radio channels KC Sriharipriya, PC Preethi, K Baskaran 2016 10th International Conference on Intelligent Systems and Control (ISCO ...	2016
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 Pacific Journal of Cancer Prevention 16 (18), 8187-8190	2016

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
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
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
Cryptographically Enforced Data Access Control in Personal Health Record Systems GK Ragesh, K Baskaran Procedia Technology 25, 473-480	2016
Improved Grid Fault Ride through capability of DFIG using Fuzzy controlled Dual Output Converter M Nirmala, K Baskaran Asian Journal of Research in Social Sciences and Humanities 6 (8), 2357-2376	2016
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
FPGA-Based High-Frequency Digital Pulse Width Modulator Architecture for DC-DC Converters V Radhika, K Baskaran Circuits and Systems 7 (04), 464	2016