Name : Dr. Venkatachalam K

Designation: Senior Assistant Professor

Department: Computer Science and Engineering

Address : VIT Bhopal University

Mobile : 8610569054

E-mail : venkatme83@gmail.com

PAPER PUBLICATIONS

1. RM P.Prabu, Ahmed Najat Ahmed, K.Venkatachalam, S.Nalini, "Energy efficientdata collection in sparse sensor networks using multiple Mobile Data Patrons", computers and electrical engineering 87, 2020

- 2. C Viji, N Rajkumar, ST Suganthi, K Venkatachalam, S Pandiyan, "An improved approach for automatic spine canal segmentation using probabilistic boosting tree (PBT) with fuzzy support vector machine", Journal of Ambient Intelligence and Humanized Computing, 1-10, 2020
- 3. AJ Basha, BS Balaji, S Poornima, M Prathilothamai, K Venkatachalam, "Support vector machine and simple recurrent network based automatic sleep stage classification of fuzzy kernel"
- 4. Journal of Ambient Intelligence and Humanized Computing, 1-9 2020
- 5. BS Balaji, S Balakrishnan, K Venkatachalam, V Jeyakrishnan, "Automated query classification based web service similarity technique using machine learning" Journal of Ambient Intelligence and Humanized Computing, 1-12 2020
- SSRRTPK Venkatachalam, "Semi-Supervised Machine Learning Algorithm for Predicting Diabetes Using Big Data Analytics" Business Intelligence for Enterprise Internet of Things, pp 139-149 2020
- 7. KV Yasoda, K., Ponmagal, R.S., Bhuvaneshwari K.S., "Automatic detection and classification of EEG artifacts using fuzzy kernel SVM and wavelet ICA (WICA)" Soft Comput (2020)
- 8. VR Balaji, S Maheswaran, MR Babu, M Kowsigan, E Prabhu, "Combining statistical models using modified spectral subtraction method for embedded system" Microprocessors and Microsystems 73, 102957, 2020
- 9. AS Mohammed, S Basha, PN Asha, K Venkatachalam, "FCO–Fuzzy constraints applied Cluster Optimization technique for Wireless AdHoc Networks" Computer Communications, 2020

- 10. ACJ Malar, M Kowsigan, N Krishnamoorthy, S Karthick, E Prabhu, "Multi constraints applied energy efficient routing technique based on ant colony optimization used for disaster resilient location detection in mobile ad-hoc network" Journal of Ambient Intelligence and Humanized Computing, 1-11, 2020
- 11. SK Vasudevan, K Venkatachalam, H Shree, RB Keerthana,, "An intelligent and interactive AR-based location identifier for indoor navigation" International Journal of Advanced Intelligence Paradigms 15 (1), 32-50 2020
- 12. A Sampathkumar, S Murugan, M Sivaram, V Sharma, K Venkatachalam, Advanced Energy Management System for Smart City Application Using the IoT" Internet of Things in Smart Technologies for Sustainable Urban Development, 2020
- 13. ISA K. Venkatachalama, A. Devipriyab, J. Manirajc, M. Sivaramd, A. Ambikapathye "A novel method of motor imagery classification using eeg signal" Artificial Intelligence In Medicine, 2020
- 14. R Balathithyan, K Venkatachalam, "Analysis of outcome of proximal femoral nailing in unstable trochanteric fractures: A prospective study" International Journal of Orthopaedics 5 (2), 661-669 2019
- 15. A Basha, K Venkatachalam, "Assessment of the Functional Outcome of Proximal Femoral Nailing in Unstable Trochanteric Fractures" Indian Journal of Public Health Research & Development 10 (11), 3993-3998,2019
- 16. S Lavanya, N Susila, K Venkatachalam, ",Impact of Cloud of Clouds in Enterprises Applications" Novel Practices and Trends in Grid and Cloud Computing, 21-33,2019
- 17. AR Arshad, K Venkatachalam,"Augmentative plate osteosynthesis with autologous bone grafting for aseptic non-union of femur with intramedullary interlocking nail in-situ: A prospective study"International Journal of Orthopaedics 4 (2), 555-557 2018
- 18. K Venkatachalam, S Balakrishnan, R Prabha, SP Premnath, "Effective Feature Set Selection And Centroid Classifier Algorithm For Web Services Discovery" International Journal of Pure and Applied Mathematics 119 (12), 1157-1172, 2018
- 19. SK Vasudevan, K Venkatachalam, RMD Sundaram,"A novel mobile application for circuit component identification and recognition through machine learning and image processing techniques" International Journal of Intelligent Systems Technologies and Application 2017
- 20. DR Boita, PP Ghare, K Venkatachalam, P Swaroop, M Pradeep, "Thermostat housing for a thermostat of an engine cooling arrangement" US Patent App. 14/914,999 2016

21.	K Venkatachalam, NK web service discovery (5), 32-41 2016	Karthikeyan, S Karand composition"	nnimuthu, "Comprehen Advances in Natural a	asive survey on semantic and Applied Sciences 10