Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Department of Electronics and Communication Engineering

Publication Details

YEAR 2018-2019

No. of Publications			No. of Conference proceedings	
SCI	SCOPUS	UGC	SCOPUS	UGC
2	5	0	16	0

JOURNAL PUBLICATIONS

SCI JOURNALS:

1. Senthilkumar, R., Tamilselvan, G. M., Kanithan, S., & **Vignesh, N. A.** (April,2019). Routing in WSNs Powered by a Hybrid Energy Storage System through a CEAR Protocol Based on Cost Welfare and Route Score Metric. *International Journal of Computers, Communications & Control*, *14*(2).

2. Bonam S, **Panigrahi AK**, Kumar CH, Vanjari SR, Singh SG. Interface and Reliability Analysis of Au-Passivated Cu–Cu Fine-Pitch Thermocompression Bonding for 3-D IC Applications. IEEE Transactions on Components, Packaging and Manufacturing Technology. 2019 Apr 23;9(7):1227-34.

SCOPUS INDEXED JOURNALS:

1. **Meenakshi, K**., Kora, P., & Kishore, D. (May,2019). Video watermarking with Curvelet Transform. *International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN*, 2278-3075.

2. **N.Arun Vignesh**, D. Jayanthi, V. Ayyem Pillai & B Shilpa "Improving the performance of Quality of Service parameters using mobile node positioning algorithm in WLAN",

Jour of Adv Research in Dynamical & control Systems, ISSN: 1943-023X, Vol. 10, Issue-5, pp 1302-1309, 2018.

3. **Vishnubhatla, A**(2018) A new method of pedestrians, International Journal of Engineering and Research, Vol:11, issue:11,pp:1661:1683

4. Jasper, P. A., **Jayanthi, D**., Vignesh, N. A., & Maheshwari, K. G. (2018). Implementation of XOR and Edge Identification Method in Steganography. International Journal of Pure and Applied Mathematics, 119(17), 3253-3260.

5. **Valiveti, H. B.,** & Polipalli, T. R. (September,2018). Hierarchy-based knapsack approach for network selection in HetNets. *International Journal of Computer Aided Engineering and Technology*, *10*(5), 599-608.

SCOPUS INDEXED CONFERENCES:

1. **Panigrahy, A. K.,** Bonam, S., Ghosh, T., Vanjari, S. R. K., & Singh, S. G. (2019, May). Diffusion Enhanced Drive Sub 100° C Wafer Level Fine-Pitch Cu-Cu Thermocompression Bonding for 3D IC Integration. In 2019 IEEE 69th Electronic Components and Technology Conference (ECTC) (pp. 2156-2161). IEEE.

2. **Tatiparti, P.** (2019, March). Effective Analysis using DWT and RBF for Biomedical Signals Pick-up from Heart through Surface Electrodes. In 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC) (pp. 99-103). IEEE.

3. Srinath, G. D., & **Samson, M.** (2019, March). Fault Tolerance in VLSI Circuit with Reducing Rollback Cost using FSM. In 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC) (pp. 1162-1166). IEEE.

4. **Kumari, C. U.,** Mounika, G., & Prasad, S. J. (2019, March). Identifying Obstructive, Central and Mixed Apnea Syndrome Using Discrete Wavelet Transform. In International Conference on E-Business and Telecommunications (pp. 16-22). Springer, Cham

5. **Kumari, C. U.,** Prasad, S. J., & Mounika, G. (2019, March). Leaf Disease Detection: Feature Extraction with K-means clustering and Classification with ANN. In 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC) (pp. 1095-1098). IEEE.

6. **Kumari, C. U.,** Kora, P., Meenakshi, K., & Swaraja, K. (2019, March). Short Term and Long Term Path Loss Estimation in Urban, SubUrban and Rural Areas. In 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC) (pp. 114-117). IEEE.

7. **Meenakshi, K.,** Swaraja, K., Kora, P., & Ch, U. K. (2019, March). Texture feature based oblivious watermarking with slant transform using fuzzy logic. In 2019 IEEE 5th International Conference for Convergence in Technology (I2CT) (pp. 1-5). IEEE.

8. **Meenakshi, K.,** Swaraja, K., & Ch, U. K. (2019, March). Grading of quality in tomatoes using multi-class SVM. In 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC) (pp. 104-107). IEEE.

9. Kumar, S. S., **Veeramachaneni, S**., & Sk, N. M. (2019, March). An Efficient DFT Implementation Using Modified Group Distributed Arithmetic. In 2019 6th International Conference on Signal Processing and Integrated Networks (SPIN) (pp. 528-533). IEEE.

10. Raju, J. P., Reddy, Y. C., & **Reddy, P.** (2019, March). Smart Posture Detection and Correction System Using Skeletal Points Extraction. In International Conference on E-Business and Telecommunications (pp. 177-181). Springer, Cham.

11. **Namburu, Swetha**, and Chaitanya Duggineni. "Performance Analysis of Compressed Sensing in Cognitive Radio Networks using l1-Minimization and Differential Evolution Algorithms." Proceedings of International Conference on Sustainable Computing in Science, Technology and Management (SUSCOM), Amity University Rajasthan, Jaipur-India. February,2019.

12. **Kumari, C. U.,** & Padma, T. (Feb,2019). Energy-efficient routing protocols for wireless sensor networks. In Soft Computing and Signal Processing (pp. 377-384). Springer, Singapore.

13. **Kora, P.,** Kumari, C. U., Swaraja, K., & Meenakshi, K. (2019, February). Atrial Fibrillation detection using Discrete Wavelet Transform. In 2019 IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT) (pp. 1-3). IEEE.

14. **Swamy, T. J.,** & Murthy, T. N. (2019, January). eSmart: An IoT based Intelligent Health Monitoring and Management System for Mankind. In 2019 International Conference on Computer Communication and Informatics (ICCCI) (pp. 1-5). IEEE.

15. **Meenakshi, K**., Swaraja, K., & Kora, P. (17,jan,2019). A robust DCT-SVD based video watermarking using zigzag scanning. In *Soft Computing and Signal Processing* (pp. 477-485). Springer, Singapore.

16. **Kora, P.,** Meenakshi, K., & Swaraja, K. (17jan,2019). Detection of Cardiac Arrhythmia Using Convolutional Neural Network. In *Soft Computing and Signal Processing* (pp. 519-526). Springer, Singapore.