Gokaraju Rangaraju Institute of Engineering and Technology

(Autonomous)

Department of Electronics and Communication Engineering

Publication Details

YEAR 2015-2016

No. of Publications			No. of Conference proceedings	
SCI	SCOPUS	UGC	SCOPUS	UGC
4	7	0	4	0

SCI JOURNALS:

1. **Swetha, Namburu**, et al. "Parzen window entropy based spectrum sensing in cognitive radio." Computers & Electrical Engineering 52 (May 2016): 379-389.

2. **Namburu Swetha**, Panyam N, Yandra R, Sabat S," Fast Sequency-Ordered Complex Hadamard Transform based Parzen Window Entropy detection for Spectrum Sensing in Cognitive Radio Networks", IEEE communication letters, Volume PP, Issue 69, 8 April 2016.

3. **Padmavathi Kora**, and Sri Ramakrishna Kalva, Improved Bat algorithm for the detection of myocardial infarction, Springer Plus, Springer, vol 4, no. 1, pp. 1-18, Nov 2015.

4. **Padmavathi Kora**, and Sri Rama Krishna, Hybrid Bacterial Foraging and Particle Swarm Optimization for detecting Bundle Branch Block, *Springer Plus*, Springer, vol 4, no 1, 481, Sep 2015.

SCOPUS INDEXED JOURNALS:

1. **Kora, P.,** & Krishna, K. S. R. (june,2016). ECG based heart arrhythmia detection using wavelet coherence and bat algorithm. Sensing and Imaging, 17(1), 12.

2. **Padmavathi Kora**, (Jun 2016.)"Bundle Block detection using Differential Evolution and Levenberg Marquardt Neural Network," Pakistan Journal of Biotechnology. Vol 13

3. **K.Jamal**, Dr.P. Sri hari, G Kanakasri *"Test Vector Generation using Genetic Algorithm for Fault Tolerant Systems" International Journal of* Control Theory *and Applications* (IJCTA), 9(12), 2016, pp. 5591-5598 .

4. **K.Jamal**, Dr.P. Sri hari "Low Power TPC using BSLFSR" I*nternational Journal of Engineering and Technology* (IJET), Vol 8 No 2 Apr-May 2016. Page no.759.

5. **G.V.Subba Reddy** and V. Ayyem Pillai "A Study of Sample Matrix Inversion Algorithm for Smart Antenna Applications", Indian Journal of Science and Technology, Vol 9(15), DOI: 10.17485/ijst/2016/v9i15/88180, April 2016 , ISSN (Print) : 0974-6846 ,ISSN (Online) : 0974-5645.

6. **Padmavathi, Kora**, and Kalva Sri Ramakrishna. "Detection of atrial fibrillation using continuous wavelet transform and wavelet coherence." International Journal of Systems, Control and Communications 6.4 (October,2015): 292-304.

7. **Padmavathi Kora**, K. Sri Rama Krishna, Classification of Bundle Branch using Magnitude Squared Coherence, ARPN Journal of Engineering and Applied Sciences, vol 10, no 14, pp. 5984-5989, Aug 2015.

SCOPUS INDEXED CONFERENCES:

1. **Chowdari, Ch Pratyusha**, and J. Beatrice Seventline. "Design of Adaptive Filter Using Vedic Multiplier for Low Power." In *Information Systems Design and Intelligent Applications*, pp. 413-424. Springer, New Delhi, Feb,2016.

2. **Kora, Padmavathi**, and K. Sri Rama Krishna. "Detection of Bundle Branch Block Using Bat Algorithm and Levenberg Marquardt Neural Network." Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 1. Springer, Cham, 2016.

3. **G. Surekha**, Dr. N. Balaji, Dr. Y. Padma Sai "Stability Analysis of 7T-SRAM Cell", *10th International Conference on Intelligent Systems and Control (ISCO 2016) ISCO Proceedings* Vol.1, Page No's.125-128, January 7-8, 2016. Karpagam College of Engineering, Coimbatore

4. **Jamal, K.,** and P. Srihari. "Analysis of test sequence generators for built-in self-test implementation." 2015 International Conference on Advanced Computing and Communication Systems. IEEE, 2015.