



**Gokaraju Rangaraju Institute of Engineering and Technology**

**(Autonomous)**

**Department of Electronics and Communication Engineering**

**Publication Details**

**YEAR 2017-2018**

No. of Publications			No. of Conference proceedings	
SCI	SCOPUS	UGC	SCOPUS	UGC
2	5	1	5	0

### **JOURNAL PUBLICATIONS**

#### **SCI JOURNALS:**

1. **Swaraja, K.** (April,2018). Medical image region based watermarking for secured telemedicine. *Multimedia Tools and Applications*, 77(21), 28249-28280.
2. **Padmavathi Kora**, ECG based Myocardial Infarction Detection using Hybrid Firefly Algorithm, *Computer Methods and Programs in Biomedicine*, Elsevier, Vol. 152, Dec 2017.

#### **SCOPUS INDEXED JOURNALS:**

1. **Jamal, K., Srihari, P., Chari, K. M., & Sabitha, B.** (April,2018). Low power test pattern generation using test-per-scan technique for BIST implementation. *ARPN Journal of Engineering and Applied Sciences (ISSN 1819-6608)*, 13(8).
2. **Arun Vignesh, D. Jayanthi, V. Ayyem Pillai & B Shilpa** (March 2018)“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. **Valiveti, H. B., & Polipalli, T. R.** (2017, November). Light fidelity handoff mechanism for content streaming in high speed rail networks. In 2017 8th IEEE Annual Information

Technology, Electronics and Mobile Communication Conference (IEMCON) (pp. 488-492). IEEE.

4. **K.Swaraja**, Protection of Medical Image Watermarking, Journal of Advanced Research in Dynamical and Control Systems (JARDCS), Special Issue 11, July 2017, ISSN: 1943.
5. **Valiveti, Hima Bindu**, and Trinatha Rao Polipalli. "Performance analysis of SLTC-D2D handover mechanism in software-defined networks." International Journal of Computers and Applications 41.4 (Nov 2017): 245-254.

#### **SCOPUS INDEXED CONFERENCES:**

1. **Kumari, C. U.** (2018, April). Investigation: Life-Time and Stability Period in Wireless Sensor Network. In *2018 3rd International Conference for Convergence in Technology (I2CT)* (pp. 1-5). IEEE.
2. **Surekha, G.**, Balaji, N. and Sai, Y.P., January,2018. Design of Low-Power Binary Content Addressable Memory for Future Nanotechnologies. In *Microelectronics, Electromagnetic and Telecommunications* (pp. 343-348). Springer, Singapore.
3. **Padmavathi Kora**, Ambika Annavarapu, Surekha Borra, ECG based Myocardial Infarction Detection using Different Classification Techniques, Classification in BioApps: Automation of Decision Making. Springer Chapter., Nov,2017.
4. **Ambika Annavarapu**, Padmavathi Kora , Surekha Borra, Dimensionality Reduction using Feature Extraction and Feature Selection methods, Classification in BioApps: Automation of Decision Making, Springer Chapter, Nov,2017.
5. H. Yerranna, V. Revu, **Swetha. Namburu** and S. LSabat, "Real-time implementation of fast sequency-ordered complex hadamard transform based parzen window entropy spectrum sensing algorithm for cognitive radio", *2017 4th International Conference on Signal Processing, Computing and Control (ISPCC)*, Solan, September, 2017, pp.269-274. doi: 10.1109/ISPCC.2017.8269687 .

#### **UGC JOURNALS:**

1. **Kora, Padmavathi**, Ch Usha Kumari, and K. Meenakshi. "Heart Arhythmia Detection Using Wavelet Coherence and Firefly Algorithm." *Int. J. Comput. Appl* 975 (2018): 8887.1.