Name   : Dr.G. Shobha Rekh

Designation   : Professor/ECE

No. of journal Publications : 12

Area of Specialization   : Wireless Networks and Embedded Systems

JOURNAL PUBLICATIONS:

1. **Shobha Rekh**, Abraham Chandy, "Implementation of academia 4.0 for engineering college education", Elsevier,Procedia Computer Science, ISSN-1877-0509, Vol 172, 2020.

2. John Paul, **Shobha Rekh**, "A dual band symmetric E-shaped plit ring metamaterial absorber for RF energy harvesting".International Journal of Recent technology and engineering. ISSN 22773878, Vol 8, Issue 3, September 2019.

3. Jerry, **Shobha Rekh**, Jose, "Design techniques for elliptical micro-strip patch atenna and their effects on antenna performance" ,International Journal of Innovative technology and exploring engineering, ISSN 2278-3075, Vol 8, Issue 12. October 2019.

4. Jerry, **Shobha Rekh**, Jose, "Double elliptical micro-strip patch atenna for higher design flexibility and miniaturization",International Journal of Engineering and advanced Technology, ISSN 2249-8958, Vol 9, Issue 1.Pgs 6970-6976, October 2019.

5. Joe Paulson, Angeline Prabhavathy, **Shobha Rekh** , Evelyn Brindha ,"Application of neural network for prediction of compressive strength of silica fume concrete", International Journal of Civil Engineering and Technology (IJCIET), Volume 10, Issue 02, pp. 1859–1867, February 2019.

6. Anita Antony, **Shobha Rekh**, Jackuline Moni ,"Asynchronous Adaptive Threshold Level Crossing ADC for Wearable ECG Sensors", Journal of Medical Systems 43(3) · March 2019.

7. Anita Antony, **Shobha Rekh Paulson**, D Jaculine Moni ,"Design of an Asynchronous 1 Bit Charge Sharing Digital to Analog Converter for a Level Crossing ADC", International Journal of Research in Applied Science and Technology, Vol 6 , Issue 1, 2018.

8. Sheena Mariam, **Shobha Rekh**, Manoj Kumar, John Paul, "Smart Traffic management system with real time analysis",International Journal of Engineering and Technology, Vol 7 , No 3.29, 2018.

9. Anita Antony, **Shobha Rekh Paulson**, D Jackuline Moni, "Asynchronous Level Crossing ADC Design for Wearable Devices: A Review" International Journal of Applied Engineering Research , Vol 13 , Issue 4, 2018.

10. Anita Antony, **Shobha Rekh Paulson**, D Jackuline Moni , "Modeling and simulation of asynchronous adaptive threshold level crossing adc for biomedical signal processing", International Journal of Pure and Applied Mathematics, Vol 120 , Issue 6, 2018.

11. Lydia Vinolin C and **Shobha Rekh**, "Analysis of High Efficiency Video Coding in YUV Files using Intra Prediction Algorithm", International Journal of Engineering and Technical Research V5(03) · April 2016.

12. Sophia priyadarshini, **Shobha Rekh**, "Streaming Video with MultiPath TCP in Wireless Networks", International Journal of Engineering and Technical Research V5(04) · April 2016.