

# **Sagar Institute of Research & Technology (SIRT), Bhopal (M.P.)**

## Department of Electronics & Communication Engineering

### **Research Papers**

Dr. Uday Panwar, "Efficient flipped drain gating integrated with power gating technique for FinFET based logic circuit", WILEY-IJNM, DOI: 10.1002/JNM.2344 (SCI), March-2018.

Dr. Uday Panwar, "Performance evaluation of domino logic circuits for wide FAN IN gates with FINFET", Microsystem Technologies, Springer, DOI: 10.1007/s00542-017-3691-3, January-2018.

Dr. Mehajabeen Fatima, "Transmission power optimization for congestion control using red algorithm in MANET," International Journal of Research In Electronics and Computer Engineering, Vol. 6, Issue 1, March-2018.

Akhilesh R Upadhyay, "Big web data mining for predicting usage behavior using fusion map reduce model", International Journal of Scientific Research in Computer Science, Engineering and Information Technology [IJSRCSEIT], ISSN: 2456-3307, Vol. 3, Issue 1, pp. 1641-1647, February-2018.

Akhilesh R Upadhyay, "Vehicle to vehicle communication in vehicular network simulation environment: analysis and future perspectives", Journal of Network Communications and Emerging Technologies [JNCET], ISSN: 2395-5317, Vol. 8, Issue 2, pp. 68-72, February-2018.

Dr. Uday Panwar, "High performance VLSI architecture for transpose form FIR filter using integrated module," IEEE Conference on Computer Communication and Informatics (ICCI -2018), Coimbatore, India, January-2018.

Prof. Shalini Sahay, " A novel approach to design and implement low power high-speed HDL model," International Journal of Electronics and Communication Engineering, ISSN: 0974-2166, Vol. 11, Number 1, pp. 7-12, 2018.

Prof. Shalini Sahay, "A study on power implementation and validation at higher level of abstraction," International Journal of Electronics and Communication Engineering, ISSN: 0974-2166, Vol. 11, Number 1, pp. 1-6, 2018.

Prof. Shalini Sahay, "Review on estimation of defocus map using LBP based segmentation", International Journal of Innovative Research In Science, Engineering and Technology, ISSN (Online): 2319-8753, Vol. 6, Issue 12, December-2017.

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Dr. Mehajabeen Fatima, "Control overhead reduction for AODV and DSR routing protocol in MANET", International Journal of Research In Electronics and Computer Engineering, Vol 5, Issue 3, September-2017.

Prof. Abhishek Sharma, "A review paper of MRI brain image for various types of noise removal in different filters, "International Journal of Innovative Research in Science, Engineering and Technology, ISSN(online): 2319-8753, ISSN(print): 2347-6710 , Vol. 64, Issue 9, pp. 18365-18369, September-2017.

Dr. Minal Saxena, "Design of fast fir filter using compressor and carry select adder", IEEE Conference on Signal Processing and Intehrated Networks (SPIN), Noida, India, August-2017.

Dr. Mehajabeen Fatima, "Node transmission power value optimization in MANET," International Journal of Innovative Research In Computer and Communication Engineering, Vol. 5, Issue 8, August-2017.

Dr. Sangeeta Shukla, "Wavelet design and image compression using MWAV orthogonal wavelet, "International Journal for Research In Technological Studies, Vol. 4, Issue 9, pp. 29-31, August-2017.

Dr. Mehajabeen Fatima, "Comparative analysis of FIFO and red queue algorithm for congestion control in MANET", International Journal of Innovative Research In Computer and Communication Engineering, Vol. 5, Issue 7, July-2017.

Dr. Mehajabeen Fatima, "Overview of energy consumption and propagation in MANET", International Journal of Innovative Research in Science Engineering, and Technology (IJIRSET), Vol. 6, Issue 7, pp. 13114-13123, July-2017.

Dr. Mehajabeen Fatima, "Survey on transmission range impact on routing protocol performance in MANET," International Journal of Communications of Applied Electronics, Vol. 7, pp. 28-32, July-2017.

Dr. Sangeeta Shukla, "Image compression using quatrate mirror filter bank based INDBP mother wavelet," International Journal for Research in Technological Studies, Vol. 4, Issue 8, pp. 29-31, July-2017.

Prof. Abhishek Sharma, "Speech to text recognition and conversion using k-means and neural network", IEEE Conference, July-2017.

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Dr. Jyoti Jain, "Exposure and mitigation of the gray hole attack from AODV in mobile Ad-hoc network: an approach" International Journal of Computer applications, ISSN: 0975-8887, Vol. 165, No. 5, pp. 23-28, May-2017.

Akhilesh R Upadhyay, "Extenics for Smart Town Planning from Engineer's Perspective", 4<sup>th</sup> International Conference on Advances in Engineering, Pharmaceutical and Applied Sciences (ICIREMPS 2k17), Bhopal, India, pp. 24-26, February-2017.

Dr. Jyoti Jain, "A Review on Gray Hole attack and its Prevention Mechanism" International Journal of Electrical, Electronics and Computer Engineering, Vol. 6, No. 2, pp. 71-76, 2017.

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