

## Academic Session (2013-2014)

### **International/National Journals**

1. Satyendra Sharma, Brahmjit Singh, "WiMAX Network for Capacity and Coverage Assessment", Springer Science + Business Media New, pp. 1573-1586, October 2013.
2. Satyendra Sharma, Brahmjit Singh, "Field Measurements for Cellular Networking Planning", Journal of Bioinformatics and Intelligence Control, Volume 2, Number 2, pp. 112 – 118, June 2013.
3. Satyendra Sharma, Brahmjit Singh, "Fundamental Study of A Fixed WiMAX Network at 2.62GHz", Springer Science + Business Media New, pp. 2127-2141, March 2013.
4. Rashmi Sharma, Anshuman Singh, V.K.Pandey, "Performance Analysis and Optimization of Low Power SRAM", International Journal of Computational Engineering & Management, Volume 16, Issue 3, pp. 72-76, May 2013.
5. Kanika Jindal, Renu, V.K.Pandey, "Design of Conditional Data Mapping Flip – Flop for Low Power Applications", International Journal of Science and Modern Engineering, Volume 1, Issue – 5, April 2013.
6. Devendra Pratap, Satyendra Sharma, "Propagation Characteristics and Modelling for Network Design and Planning" International Journal of Electronics, Electrical and Computational System, Vol. 2, Issue 1, January 2014.
7. Sonika, Anshuman Singh, "Adaptive Body Biasing Process Compensation techniques for Digital Circuit", International Journal of Engineering Research and Applications, Volume 3, Issue 1, pp. 482-484, February 2013.
8. Rashmi Singh, Anshuman Singh, Dr. V.K.Pandey Singh, "Analysis and Comparison of Power Dissipation For Write operation in Low Power SRAM", International Journal of Engineering Research and Applications, Volume 3, Issue 2, pp. 1847-51, March 2013.
9. Jitendra Kumar Saroj, Kanika Jindal, Satyendra Sharma, "Study of Cross – Coupled Current Conveyor Based CMOS Transimpedance Amplifier for Broadband Data Transmission", International Journal of Science and Engineering, Volume 2, NO 1, 2013.
10. Anupam Kumar Yadav, V.K. Pandey, "Slotted dumbbell shaped microstrip patch antenna for WiMAX frequency band of 3.4-3.69 GHz", international journal of engineering and advanced technology, ISSN: 2249-8958, volume-2, issue-6, pp 170-172, 2013.
11. Devendra Kumar Gautam, Dr. S R P Sinha, Yogesh kumar Verma, "Design a Low Power High Speed Full Adder using AVL Technique Based on CMOS Nano Technology", IOSR Journal of Electronics and Communication Engineering, Volume 8, Issue 1, pp. 19-26, October 2013.

### **International/National Conference**

1. Ashutosh Kumar Singh, Jitendra Kumar Saroj, Mohd. Raza, "Dual Frequency Microstrip Antenna with Omega Particle", National Conference on Electronics, Communication and Information System, 2013.

2. Satyendra Sharma, "VLSI Implementation of 2048 points FFT/IFFT for Mobile WiMAX", 1<sup>st</sup> International Conference on Advancement in Electronics and Communication Engineering, March 2013.
3. Devendra Pratap, "A 3.1 to 10.6GHz Ultra Wide Band CMOS differential LNA Design", National Conference on Electronics, Communication and Information System, 2013.
4. Anupam Kumar Yadav, V. K. Pandey, "Study and comparison of micro strip patch antenna characteristics for broadband application", National Conference on recent advances in microwave antennas for cognitive radios and wireless communication, October 2013.
5. Rajat Mehrotra, Anshuman Singh, V.K. Pandey, "Design of plus sign slotted microstrip patch antenna for WiMAX frequency of 3.5GHz." IEEE sponsored national conference on Energy Power and Intelligent control systems, 28-29 march 2014, GECT, Gr. Noida.
6. Rajat Mehrotra, Anshuman Singh, V.K. Pandey, "Performance comparison between slotted dumbbell shaped and plus sign shaped microstrip patch antenna for WiMAX frequency band of 3.4-3.69GHz" IEEE sponsored national conference on Energy Power and Intelligent control systems, 28-29 march 2014, GECT, Gr. Noida.
7. Dhananjay Singh, "The Performance characteristics of circular optical waveguide using helix." National conference on Electronics, Communication & Information Systems, Oct 2013.
8. Dhananjay Singh, " Modified Circular optical waveguide using right handed helical signal" national conference on recent advances on Microwave antennas for cognitive radios and wireless communication(RAMCWC-2013), 21-22 Oct, 2013

#### Academic Session (2014-2015)

#### **International/National Journals**

1. S. Sharma, B. Singh, " Optimizing capacity – Coverage of a fixed WiMAX network", IET Journal, vol. 8, no. 10, pp. – 708 – 703, July 2014.
2. Devendra Pratap, Satyendra Sharma," planning and modelling of indoor WLAN through field measurement at 2.437 GHz frequency", NIET journals of engineering & technology (ISSN 2348-117X), Vol. 4, 2014.
3. Dhananjay Singh, Vivek Kumar, "The Propagation Characteristics of Circular optical Waveguide with Helical Windings" International Journal of Electronics, Electrical and Computational System, Vol. 2, Issue 1, Jan 2014.
4. Sushil Kumar Pachauri, Suvendra Sahoo "Design and implementation of High Performance Dynamic Memory Controller" Advance in Electronic and Electric Engineering, Vol. 4, No. 6, pp. 617-622, 2014.
5. Mukti Rawal, V.K. Pandey, "Analysis and design of L-shaped ultra wideband antenna", International Journals of engineering research and development", volume 10, issue 9, 2014.

6. Jitendra Kumar Saroj, Kanika Jinadal, Satyendra Sharma, "Transimpedance Amplifier Based on Inductive Peaking Techniques for Broadband Data Transmission" International Journal of Electronics, Electrical and Computational System, Vol. 3, Issue 3, May 2014.
7. Surya Deo Choudhary, Pankaj Rai, Arvind Kumar, Irshad Alam, "International Journal of Electronics, Electrical and Computational System, Vol. 3, Issue 6, August 2014.
8. Irshad Alan, Surya Deo Choudhary, Dr. Md. Fakhruddin Ansari, "Reliability Analysis and Maintenance Planning of Modern 132KV Grid Sub – Station" International Journal of Electronics, Electrical and Computational System, Vol. 2, Issue 8, August 2014.
9. Surya Deo Choudhary, Rajeev Kumar, Md. Irshad Alam, Dr. R.K. Singh, "Analytical Study of the Characteristics Parameters of Microstrip line Coupler and Their Variation with Geometry and Frequency using Different Substrates" International Journal of Scientific & Engineering Research Volume5, Issue 8, August -2014.
10. Purushotam Kumar, Prabhakar Kumar Prabhat, Dr. Surya Deo Choudhary, Pankaj Kumar, "Speed Control of DC motor using PID and Smart controller " International Journal of Scientific & Engineering Research Volume 5, Issue 12, Dec 2014.
11. Gitanjali Anand, Shri S. K. Singh, "A Highly Efficient Integrated Buck & Boost PFC Converter" International Journal of Scientific Research Engineering & Technology, 2014.
12. Preeti Gupta, Sandeep Kumar and Harshi Tomar, "Wide bandwidth CMOS low noise amplifier using matched coplanar waveguide line for wireless communication", International journals for applied science and Engineering & technology, vol. 3, issue 4, pp 799-804, 2015.
13. Preeti Gupta, Sandeep Kumar and Harshi Tomar, "Co-design of CMOS low noise amplifier with patch antenna for RF transceiver system", International journals for applied science and Engineering & technology, volume 5, issue 2 pp 518-521, 2015.
14. Deepti Aggarwal, Nidhi Sharma, "VHDL Implementation of UART with adaptive baud rate generator." International journal of VLSI & Embedded system(ISSN: 2249-6556), Vol. 5, 2016

#### **International/National Conference**

1. S. K. Gehlot, Ravendra Singh, "Trajectory estimation of a moving charged particle – An Application of Least Square Estimation (LSE) Approach" International conference on Medical Imaging, m- health and Emerging Communication Systems, 2014.
2. Sushil Kumar, Satyendra Sharma, "Power Modeling and Optimization of Memory Controller System" International conference on Technological and Management Advances in the New Age Economy: An Industry Perspective, March 2014.
3. Prabhakar Agarwal, S Pratap Singh, Vijay Kumar Pandey, "Mathematical Analysis of Blackman Window Function in Fractional Fourier Transform Domain" International conference on Medical Imaging, m- health and Emerging Communication Systems, 2014.

4. Tripti Singh, Prabhakar Agarwal, Dr. V.K. Pandey, "ECG Baseline noise removal techniques using window based FIR filters" International conference on Medical Imaging, m- health and Emerging Communication Systems, 2014.
5. T. Jayachitra, V.K. Pandey, Anshuman Singh, "Design of Hybrid Coupler" International Conference on Signal Processing, Embedded System and Communication Technologies and their applications for Sustainable and Renewable Energy" 2014.
6. T. Jayachitra, V.K. Pandey, Anshuman Singh, "Design of Microstrip Patch Antenna for WLAN Applications" International Conference on Signal Processing, Embedded System and Communication Technologies and their applications for Sustainable and Renewable Energy" 2014.
7. Gitanjali Anand , S.K. Singh, "Design of single stage integrated bridgeless boost PFC converter" International conference on Medical Imaging, m- health and Emerging Communication Systems, 2014.
8. Satyendra Sharma, "Design of Low Power DDR – 3 SDRAM Controller" 2<sup>nd</sup> International Conference on Technological and Management Advances in the new Age Economy: An Industry Perspective, March 2014.
15. Prashant Kumar Singh, Shweta Singh, Pawan Kumar, Upasna Gupta, "Health Monitoring System by Communication between Sensor and Android Phone" International conference on Medical Imaging, m- health and Emerging Communication Systems, November 2014.
16. Sudhanshu Kumar, Pawan Kumar, Vivek Srivastva, "Analysis of Bragg Wave Guide with Air Core" National Conference on Natural Calamities and Mitigating Strategies: Option for better tomorrow, March 2014.
17. Sudhanshu Kumar, Pawan Kumar, Vivek Srivastva, "Comparative Analysis of Photonic Crystal Fibers and Conventional Optical Fiber" 2<sup>nd</sup> International Conference on Technological and Management Advances in the new Age Economy: An Industry Perspective, March 2014.
18. Sudhanshu Kumar, Pawan Kumar, Vivek Srivastva, "Bragg Fiber with Different Analysis Method" 2<sup>nd</sup> International Conference on Technological and Management Advances in the new Age Economy: An Industry Perspective, March 2014.
19. Satyendra Sharam, Sushil Kumar Pachauri, "Power Modeling and Optimization of Memory Control System" 2<sup>nd</sup> International Conference on Technological and Management Advances in the new Age Economy: An Industry Perspective, March 2014.
20. Amit Kumar Yadav, Satyendra Sharam, "Design and Simulation of Multiplier for High Speed Applications" 2<sup>nd</sup> International Conference on Technological and Management Advances in the new Age Economy: An Industry Perspective, March 2014.
21. Ashutosh Kumar Singh, "Study and Analysis of Ternary Logic Combination Circuits Based on Quantum Dot Gate FET's" National Conference on Recent Advances in Electronics and Communication Engineering, March 2014.

22. Sudhnashu Kumar, "Performance Analysis of Free Space Optics Over Gamma Gamma Turbulence Channel" National Conference on Research and Innovation in Electronics and Communication Engineering, October 2014.
23. Sushil Kumar Pachauri, Suendra Sahoo, "Power modeling and optimization of memory controller system " International conference on Technological and Management Advance in new age Economy : An Industry Prospective, March 2014

### Academic Session (2015-2016)

#### **International/National Journals**

1. Paramita Saha, Anshuman singh, Vijay Kumar Pandey, Binod Kumar Kanaujia, Mukesh kumar khandelwal, "Design and Analysis of UWB Circular Ring two element microstrip Patch antenna array with notched band for modern wireless communications " Microwave and optical technology Letters Vol. 57, no. 9, pp. 2067 – 2071. Sep. 2015.
2. Deepti Aggarwal, Nidhi Sharma, "Implementation of UART with dynamic optimization in Baud rate. NIET journals of engineering & technology (ISSN 2348-117X), Vol. 5, 2015
3. Surya Deo Choudhary, "Model Developed for single and coupled microstripline structure useful for the study of reflection & transmission Co – efficient and Losses in Microstrip Line" Elixir Elec. Engg. 88 (2015), pp. 36535 – 36538.
4. Sonam Gupta, Rajesh Mehra, Monika Singh, "Gaussian Filter Design, Simulation and analysis for DS-CDMA applications" " International Journal of Engineering Trends and Technology, Vol. 29, N0. 5, November 2015.
5. Gurpreet Kour, Rajesh Mehra, Monika Singh, "Bit Error Rate Analysis of Square Root Raised Cosine Pulse Shaping Filter" International Journal of Engineering Trends and Technology, Vol. 28, N0. 4, October 2015.
6. Yogendra Kumar, G. S. Tripathi, "Design and Optimization of M- shaped Microstrip Patch Antenna,"International Journal for Scientific Research & Development| Vol. 3, Issue 08, 2015.
7. Monika Singh, Dr. Rajesh Mehra, "FPGA Based RRC Filter using Distributed Arithmetic Algorithm" International Journal of Advanced Information Science and Technology Vol. 39, no. 39, July 2015.
8. Saurabh Katiyar, Dr. Mahendra Kumar, "Designing and Simulation of Grid Connected inverter with LCL Filter" International Journal for Scientific Research & Development Vol. 3, Issue 09, 2015.
9. Pallavi Saxena, Rajesh Mehra, Monika Singh, "Design and Implementation of DDC for GSM using CIC Decimator" MIT International Journal of Electronics and Communication Engineering, Volume 5, No 2, August 2015.
10. Priyanka Verma, J. Selvakumar "A Novel Low Power Hybrid Clock Gating Techniques for High Frequency Applications-Power and Area Analysis" Middle East Journal of scientific Research Vol. 23, Issue 7, pp 1398-1403, 2015.

11. Ghazali, A.N., Sazid, M, Pal, S, “A Miniaturized Microstrip- To- CPW Transition Based UWB – BPF with sharp roll-off and minimum insertion loss” Microwave and optical technology Letters Vol. 58, no. 2, pp. 289 – 293. Feb. 2016.
12. Ghazali, A.N., Sazid, M., Pal, S, “Compact Broadband balun – based UWB – BPF with minimum insertion loss and sharp selectivity” IET Electronics Letters Vol. 51, no. 15, pp. 1174 – 1175. July. 2015.
13. Vinay kumar, Rekha Jha, “Liquid Level Control of Multi Tank System and their Performance Analysis” International Journal for Scientific Research & Education, Vol. 3 May 2015.
14. Richa Baranwal, Vimal Kumar Mishra, R.k. Chauhan, “A High Speed Full Adder Circuit using 3 Transistor XOR Gates for Arithmetic operations of VLSI System” International Journal for Scientific Research & Development Vol. 3, Issue 06, 2015.

#### **International/National Conference**

1. Ravendra Singh, Shiv K. Gehlot, Amit Kumar, “An Improved Low Power Sigma Delta ADC Implemented in .25 micro meter CMOS Process”, REDSET-2015.
2. Priyanka Verma, J. Selvakumar, “A Low Power Hybrid Clock Gating Technique For High Frequency Applications” International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO), 2015.
3. Manish Kumar, “ Face Recognition Based Door Control System using GSM Technology” 2<sup>nd</sup> International Conference on recent trends in Signal Processing, Image Processing and VLSI, May 2015.
4. Sakshi Parolia, “Comparison of Various Low Power High Speed Dynamic Latched Comparator” National Conference on Advanced Computer Networking, Feb 2015.
5. Vidhi Sachdeva, “Multiband Microstrip Antenna for 4G Mobile Application” International Conference on Communication System and Network Technologies, April 2015.
6. Vidhi Sachdeva, “A Swastik Slot Microstrip Antenna for 3G Network Application” International Conference on Communication System and Network Technologies, April 2015.
7. Vidhi Sachdeva, “Design of Antenna informal to cylindrical surface for Aircrafts” International Conference on Communication System and Network Technologies, April 2015.