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**Domain: VLSI Design, Image Processing, Cryptography and Network Security, Wireless Sensor Networks**

### **Last 5 Years Publication**

1. A N Jayanthi ,D.Prabhu, B.Sibiram 2015,'Low power ECRL logic based parallel self-timed adder 'International Journal of Applied Engineering Research, vol. 10, no. 6, pp.12494-12501,ISSN 0973-4562, Research India Publications.
2. M Nithya,Dr A N Jayanthi,N Sunil Prasad 2015,'Redundancy in Tunneling between different networks ',' International Journal of Digital Communication Networks (IJDCN) vol. 2, no. 4, April 2015.
3. S.Munaf ,Dr.A.Bharathi,Dr A N Jayanthi 2016,"Double pumping low power technique for coarse grained reconfigurable architecture " , 'International Journal of Electrical and Electronics research',vol 4 ,Issue 1,March 2016.(No Online Link)
4. Mr. S. Munaf , Dr. A.N. Jayanthi , Ms. L. Malathi 2017 ,"Automatic RF Alert system to Avoid Vehicle Accident and Rescue using Wireless Control Techniques", International Advanced Research Journal in Science, Engineering and Technology",Vol. 4, Issue 1, pp:38-41,January 2017,DOI 10.17148/IARJSET.2017.4109.
5. L.Malathi,Dr.A.Bharathi,Dr. A.N. Jayanthi , Mr. S. Munaf ,"Design of Fast Integer Pipelined Multipliers for CMOS 64-bit Synchronous and Asynchronous Logic with Adaptable Latency,"International Journal on Recent and Innovation Trends in Computing and Communication,Volume: 5 Issue: 1,pp:99-102,January 2017.
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7. Rajesh ,A.N.Jayanthi , Mala ,”Comparison of TDMA based Routing Protocols for Wireless Sensor Networks- A Survey “ International Journal of Innovations and Advancements in Computer Science(IJIACS) and 7<sup>th</sup> International Conference on Research trends in Engineering, Applied science and Management(ICRTESM-2017)” at Mahratta Chamber of Commerce Industries and Agriculture (MCCIA), Senapati Bapat Road, Pune, Maharashtra (India) , Vol 6, Issue 8, August 2017. ISSN 2347-8616.
8. S.Munaf, M.E., L. Malathi, M.E., Dr.A.Bharahi, Dr. A.N.Jayanthi,”Review on Power Dissipation Analysis of Conventional SRAM Cell Architecture”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 6, Issue 11, pp 68-72, November 2017, ISSN: 2278 – 1323
9. L.Malathi, S.Munaf, Dr.A.Bharathi, Dr.A.N.Jayanthi,”FPGA Implementation of Compressing Techniques in VLSI Multipliers for FFT Architectures”, International Journal of Current Engineering and Scientific Research(IJCESR), Vol 4, Iss: 11, 68-72, NOV 2017.
10. B.Leena , Dr.A.N.Jayanthi,” Detecting interesting events in crowd sequence using Swarm Intelligence” , International Journal for Research and Development in Technology ,2018 March , Vol 9 Issue 3 ,pp 9-11, ISSN 2349-3585
11. Baskar Duraisamy, Jayanthi Venkatraman Shanmugam & Jayanthi Annamalai, “Alzheimer disease detection from structural MR images using FCM based weighted probabilistic neural network “, Brain Imaging and Behavior, ISSN 1931-7557, DOI 10.1007/s11682-018-9831-2, Vol 13, No 1 , pp 87-110, February 2018. IF: 3.985, PubMed and ISI indexed (Now Thomson Reuters Web of Knowledge), SJR (2016) :1.524, SNIP(2016):0.886.
12. Baskar.D, Jayanthi V S, Jayanthi A N,”An efficient classification approach for detection of Alzheimer’s disease from biomedical imaging modalities”, “Multimedia Tools and Applications, An International Journal, ISSN 1380-7501, DOI 10.1007/s11042-018-6287-8, vol 78 , No 10. pp- 12883-12915, May 2019. (Anna University Website: 8164), Impact factor: 1.541, SJR (2016) :0.396, SNIP(2016):0.775.
13. Geetha.P, Jayanthi V S, Jayanthi.AN,”Optimal Visual Cryptographic Scheme with multiple share creation for Multimedia Applications”, Computers & Security, Elsevier (Anna University Website: 2475), ISSN 0167-4048, ISSN 1872-6208, DOI 10.1016/j.cose.2018.07.009, Vol 78, September 2018, pp 301-320, Impact factor: 2.650, SNIP 2.158, SJR:0.684.
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No. 4, July – August 2018, pp 42-46, DOI: <http://dx.doi.org/10.26483/ijarcs.v9i4.6281>, ISSN No. 0976-5697, www.ijarcs.info.

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22. B.Leena , Dr.A.N.Jayanthi ,”Certain investigations on change detection in SAR images based on NSCT and spatial fuzzy clustering approach” ,International journal for science and advance research in technology ,Vol 5,No 5, May 2019,ISSN(O) :2395-1052.

23. J.Mala, Dr.A.N.Jayanthi,S.Rajesh,"A Survey on Secure Data Accessing and Sharing Using Cryptographic Algorithms in Cloud Computing Environment",International Journal of Scientific Research and Engineering Development, Vol 2, Issue 3, May 2019,ISSN : 2581-7175.
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