

Papers published of Dr. S. Geetha, Associate Professor, EEE dept., CIT.

1. R.Chandraprakash, S.Geetha, “Performance Evaluation of Approximate Adders for Image Processing Applications”, National Conference on Communication and System Design, Year 2020.
2. S. Geetha, P. Amritvalli, “Design of High Speed Error Tolerant Adder Using Gate Diffusion Input Technique”, Journal of Electronic Testing: Theory and Applications (JETTA), Volume 35, Year 2019, Pages 383-400. DOI:10.1007/s10836-019-05802-2
3. D. Uma Maheswari, S. Geetha, “Implementation of IoT Enabled low-cost and low energy sensor for smart home Automation”, National Conference on Advanced Functional Materials for Energy Conversion and Storage Devices, Year 2019
4. S. Geetha, D. Cicilia, “IoT enabled intelligent bus transportation system”, Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017, Volume 2018-January, Year 2018, Pages 7-11. DOI:10.1109/CESYS.2017.8321235
5. S.Geetha, P. Amritvalli, “Performance Evaluation of Full Swing GDI Based Error Tolerant CSLA Adders”, International Conference on Renewable Energy Utilization, Year 2018
6. S. Geetha, P. Amritvalli, “High speed Error Tolerant Adder for Multimedia applications”, Journal of Electronic Tesing, Springer, vol. 33, issue. 5, October 2017. Impact Factor 0.647
7. S. Geetha and S. Gouthami, “Internet of things enabled real time water quality monitoring system”, Smart Water, Springer, vol. 2, issue 1, July 2017.
8. S. Geetha, R.Sathya priya, “Smart Agriculture Irrigation control using Wireless Sensor Networks, GSM and Android phone”, Asian Journal of Information Technology, vol. 15, issue 19, pp. 3780-3786, 2016
9. R. Sathyapriya and S.Geetha, “Smart farming System for Agriculture Irrigation Control using Android Application and ZigBee”, National Conference on Signal processing, Information and Communication Engineering, Year 2016

10. **S.Geetha** and R.Jayaparvathy, "Dynamic Bandwidth Allocation for Multiple Traffic Classes in IEEE 802.16e WiMax Networks: A Petrinet Approach", Journal of Computer Science, DOI : 10.3844/jcssp.2011.1717.1723, Volume 7, Issue 11, Pages 1717 – 1723.

Papers in National Conference

1. R.Sathyapriya and **S.Geetha**, " Smart farming System for Agriculture Irrigation Control using Android Application and ZigBee" in the national Conference on Signal processing, Information and Communication Engineering (SPICE'16) held during 22nd April 2016, Department of Electronics and Communication Engineering, PSG College of Technology, Coimbatore 14

Papers in International Conference

1. S.Geetha, D.Cicilia, "Internet-of-Things enabled Intelligent Bus Transportation System", IEEE International Conference on Communication and Electronics Systems (ICCES 2017) , 19-20 October 2017 at Coimbatore
2. Dr. S.Geetha, Dr. A.Kavithamani, Ms.A.L.Monika, "Comparative Analysis of Various CMOS Multiplier Circuits Using GDI and Hybrid Adder Structures", International Conference on "Advances in Control and Computing of Analog and Digital Systems (ACCADS 2014)" organized by the Department of EEE, Coimbatore Institute of Technology, India, 29-31st December 2014.
3. Ms.A.L. Monika, Dr.S.Geetha, "Performance Evaluation and Comparative Analysis of Full Adder Cell", International Conference on Advances in Control and Computing of Analog and Digital Systems held from 29th to 31st December 2014 organized by Department of Electrical and Electronics Engineering, Coimbatore Institute of Technology
4. B.Benila, S.Vasantharathna and **S.Geetha**, "Estimation of State of Charge In Lead Acid Batteries Using Extended Kalman Filter", International Conference on Electrical, Electronics and Communication Engineering, ICEECE, Coimbatore, 9th March , 2014.
5. R.Jayaparvathy and **S.Geetha** , "A Generalized Stochastic Petri Net approach for modeling and analysis of WiMax Networks", International Conference on Embedded Systems , ICES 2010, Coimbatore Institute of Technology, 14th – 16th , July 2010
6. R.Jayaparvathy and **S.Geetha** , "Resource Allocation and Game Theoretic Scheduling with Dynamic Weight Assignment in IEEE 802.16 Fixed Broadband Wireless Access Systems ", International Symposium on Performance Evaluation of Computer and Telecommunication Systems, SPECTS 2008, Edinburgh, UK , June 16th -18th , June 2008, ISBN: 978-1-56555-320-0
7. R.Jayaparvathy and **S.Geetha** , "Dynamic Resource Allocation and Game Theoretic Scheduling in IEEE 802.16 Fixed Broadband Wireless Access Systems", Third International Conference on Communication System Software and Middleware, Poster

Session, COMSWARE 2008 , Bangalore , India, 5th -10th January 2008.

8. R.Jayaparvathy and **S.Geetha** , "Resource Allocation and Game Theoretic Scheduling in IEEE 802.16 Fixed Broadband Wireless Access Systems", 4th International Conference on Innovations in Information Technology (Innovations'07) Dubai, UAE, November 18th - 20th, 2007, ISBN: 978-1-4244-1840-4