

Department of Information Technology
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List of publications (2017-18)

Journals (2017-18)

- Wajahath Hussain Razvim, **Ch. Samson**,” Reversible Data Hiding in Encrypted Images with Private Key Cryptography”, International Journal of Engineering and Technical Research,ISSN: 2321-0869 Vol. 7,Issue 11, pp: 1-7, November 2017.
- **K. Nikitha**, “Coverage Improvement and Path Selection in WSN ”, International Journal of Recent Scientific Research, Vol. 9, Issue 1(G), pp 23360-23364, January 2018,ISSN:0976-3031.
- **A. V. Vahini**, “A Novel Method to Manage Intercell Interference for Ultra Dense Heterogeneous Networks in 5G”, International Journal & magazine of Engineering, Technical Management and Research, ISSN: 2348-4845, Vol. 4, Issue: 12, Dec-2017
- **S. Ch. Vijaya Bhaskar**, S. Anitha “Somnolence Alerting System” International Journal of Pure and Applied Mathematics, Vol.118,No.07,2018,479-483.ISSN: 1311-8080.

National & International Conference Papers (2017-18)

- **S. Ch. Vijaya Bhaskar**, S. Anitha “Empirical Analysis of User Position for Various Conditions using GNSS Single Frequency Receiver” ICEECCOT-2017 during 15th and 16th Dec 2017 at GSSS Institute of Engineering and Technology for Women, Mysuru.**IEEE Digital Library**
- **Nikitha K**, “Secure and Energy Aware Shortest Path Routing Framework in WSN”, ICDMAI 2018 during 19th -21st Jan 2018 at IICMR, Pune. **Springer Series.**
- **S. Ch. Vijaya Bhaskar**, “Validation of IRI-2012 and NeQuick models predicted TEC with GPS-India”, 7th International Conference on Communication Engineering, Adhiparasakthi Engineering College, Tamilnadu, 3-5 April 2018. **IEEE**

List of publications (2016-17)

Journals (2016-17)

- **Ch. Samson,** "An RGB Image Encryption Using RSA Algorithm", International Journal of Current Trends in Engineering & Research, Vol. 3, Issue 3, pp: 1-7, March 2017
Impact Factor: 3.468
- **Ch. Samson,** "An Improved Run Length Encoding Scheme for Image Compression" International Journal Of Engineering And Computer Science Vol. 6, Issue 3, March 2017.
- **K. Nikitha,** "Hybrid Approach for Sensor Deployment in WSN", ARPN Journal of Engineering and Applied Sciences, ISSN: 1819-608, Vol. 12, No.11. , June 2017.

National & International Conference Papers (2016-17)

- **Kanaka Durga, D. B. V. Ravi Sankar, Srujana,** "Low Power Area Efficient High Speed Carry Select Adder Built on Novel 1-bit Full Adder", ICRACSC-2016, at BVRIT during 29th and 30th Nov 2016.
- **D.B.V. Ravi Sankar,** N. Venkateswara Rao, "A Survey of Cooperative Spectrum sensing approaches and Data Fusion Schemes for Cognitive Radio Networks" NCETEC-2017, Bapatla Engineering College during 20th and 21st Jan 2017.
- Dr. Perumalla Naveen Kumar, **S. Ch. Vijaya Bhaskar** "Analysis of Experimental Data obtained using GNSS Receivers for Civilian Navigation Applications" Presented paper at the 10th IGU International Conference on "Urbanization, Health & Well Being and Sustainable Development Goals" being organized by the Department of Geography, Osmania University, Hyderabad, INDIA from 7th-19th March, 2017.
- **S. Ch. Vijaya Bhaskar,** V. Rajitha Rani "Performance Analysis of Efficient Routing Protocols to Improve Quality of Service in Wireless Sensor Networks" 6th International Conference on Communication and Signal Processing - ICCSP' 17, Department of Electronics and Communication Engineering, Adhiparasakthi Engineering College Melmaruvathur, Tamilnadu, India on 6th, 7th & 8th April 2017. **Published in IEEE**

List of publications (2015-16)

Journals (2015-16)

- **Ch. Samson**, Durgamba “Multiple Image Sharing Scheme using Visual Cryptography”, International Journal of Advanced Research in Computer Science and Software Engineering, ISSN: 2277 128X, Volume 2, Issue 5, July 2015.
- **S. Ch. Vijaya Bhaskar**, K. Vijetha “Performance Analysis of Different Multipliers for Embedded and DSP Applications” Published at IOSR Journal of VLSI and Signal Processing (IOSR-JVSP) Volume 6, Issue 3, Ver. I (May. -Jun. 2016), PP 58-66 e-ISSN: 2319 – 4200, p-ISSN No. : 2319 – 4197.
- **K. Ramya Madhavi**, Sesham Anand, “Secure AODV Routing Protocol using Digital Signature”, International Journal & Magazine of Engineering, technology, Management and Research, ISSN : 2348-4845, Vol. 3, Issue. 4, April 2016

National & International Conference Papers (2015-16)

- **D.B. V. Ravi Sankar**, Venkateshwara Rao S, Srinivas Rao, “Spectrum sensors low power and sharing approaches for cognitive radio” International Conference on Signal Processing, at Malla Reddy Engineering College, December 2015
- **M. Kavitha**, “SETI@Home”, National Conference on Information Security-2015 at CBIT , Hyderabad during 26th and 27th August 2015
- **M. Kavitha**, “A Review on Medical Image Processing Techniques”, National Conference on Computer Networks and Information Security at VCE , Hyderabad during 6th and 7th April 2015
- **M. Kavitha**, “Routing in Disruption Tolerant networks using CSP”, National Conference on Computer Networks and Information Security at VCE , Hyderabad during 6th and 7th April 2015
- Dr. Perumalla Naveen Kumar, **Seelam Ch. Vijaya Bhaskar** “Performance Evaluation of IRI-2012 and NeQuick Models over Indian Region for Single Frequency GNSS Applications” at National Conference on Advanced Technology for Cadastral Survey & Land Records towards Digital India (ATCSLR), Organised by CLUMA on 27th and 28th November 2015.
- Nirupama. A, **S. Ch. Vijaya Bhaskar** “Enhancement of AODV Routing Protocol in Wireless Mesh Networks” Presented paper at National Conference on Advances in Information Technology NCAIT 2016 organized by Department of Information Technology during January 22nd and 23rd 2016 at MVSR Engineering College, Hyderabad.
- Nirupama. A, **S. Ch. Vijaya Bhaskar** “Novel Secure Keying Technique for the Wireless Sensor Networks” Presented paper at National Conference on Advances in Information Technology NCAIT 2016 organized by Department of Information Technology during January 22nd and 23rd 2016 at MVSR Engineering College, Hyderabad.

- Nirupama. A, **S. Ch. Vijaya Bhaskar** “Challenges in Wireless Sensor Network Applications: A Survey” Presented paper at National Conference on Advances in Information Technology NCAIT 2016 organized by Department of Information Technology during January 22nd and 23rd 2016 at MVSR Engineering College, Hyderabad.
- **S. Ch. Vijaya Bhaskar**, K. Vijetha “Intelligent System for Vehicle Tracking and Locking System in Automobiles” Presented paper at National Conference on Advances in Information Technology NCAIT 2016 organized by Department of Information Technology during January 22nd and 23rd 2016 at MVSR Engineering College, Hyderabad.
- Dr. Perumalla Naveen Kumar, **S. Ch. Vijaya Bhaskar** “Analysis of Ionospheric Time Delay Effects on Navigation Systems using GAGAN Data” Presented poster presentation at NSSS-2016 organized by VSSC, Trivandrum and ISRO from 8th February 2016 to 12th February 2016.
- Dr. Perumalla Naveen Kuma , **S. Ch. Vijaya Bhaskar** “Analysis of VTEC using IRI-2012 and NeQuick Models over Low Latitude Region” Presented poster presentation at NSSS-2016 organized by VSSC, Trivandrum and ISRO from 8th February 2016 to 12th February 2016.

List of publications (2014-15)

Journals (2014-15)

- **A. V. Krishna Prasad**, M. Vara Prasad Rao, **K. Chandrasekhar** “Mining on Mobile Applications using K-Means Algorithm” in International Journal of Research in Computer Applications & Information Technology, Vol. 2, Issue 6 , pp 62-66, ISSN: 2347-5099, Nov-Dec 2014

National & International Conference Papers (2014-15)

- **S. Ch. Vijaya Bhaskar**, **V. Ashwini Kumar** “Deterministic Finite State Automata for 3D Printer” at National conference on Recent Innovations in Mechanical Engineering- RIME2014 by Department of Mechanical Engineering, Hyderabad from 21.11.2014 to 22.11.2014.
- Nirupama. A, **S. Ch. Vijaya Bhaskar**, Dr. Sudarson Jena “An Efficient Protocol to Identify Packet Droppers and Modifiers to Improve QoS in Wireless Sensor Network (WSN)” 4th International Conference on Communication and Signal Processing - ICCSP' 15, Department of Electronics and Communication Engineering, Adhiparasakthi Engineering College Melmaruvathur, Tamilnadu, India on 2nd,3rd & 4th April 2015. **Published in IEEE** DOI: 10.1109/ICCSP.2015.7322632