

## International Conferences

1. Anudeep B, Krishnamoorthy Kandasamy and P. H. Rao, "A Wideband Dual Polarized Bow-Tie Antenna For 5G Applications", Indian Conference on Antennas and Propagation (InCAP) 2019, Gandhinagar, Gujarat, India, December 19-22, 2019.
2. Naveen Jacob, Krishnamoorthy K, Muralidhar Kulkarni, "Omega Shaped Complementary Split Ring Resonator Loaded Bandwidth Reconfigurable Antenna for Cognitive Radio Applications", Accepted for presentation at the Symposium on Recent Advances in Communication Theory Information Theory Antennas and Propagation (CIAP'19) coaffiliated with CoCoNet'19 to be held at Trivandrum, Kerala, India, Dec.18-21, 2019.
3. Deepa Puneeth and Muralidhar Kulkarni, "Data Aggregation using Distributive Compressive Sensing in WSNs", Accepted for presentation at the Fifth International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS'19) to be held at Trivandrum, Kerala, India, Dec.18-21, 2019.
4. Deepa Puneeth and Muralidhar Kulkarni, "Data Aggregation using Compressive Sensing for Energy Efficient Routing Strategy", Accepted for presentation at the Third International Conference on Computing and Network Communications (CoCoNet'19) to be held at Trivandrum, Kerala, India, Dec.18-21, 2019.
5. Anuradha Patil, Mansoor Muhammed, Hanumantha G. Rao and Rekha S., "Low power log-domain Filter", 16th IEEE India Council International Conference (INDICON 2019), Marwadi Univ., Rajkot, 13-15 December 2019.
6. Hanumantha Rao G., Muhammed Mansoor C. B. and Rekha S., "A 0.8 V, 5 nA PTAT current reference circuit with improved supply voltage sensitivity", IEEE sponsored Global Conference for advancement in Technology (GCAT 2019) to be held at Bangalore during 18-20 October 2019.
7. Muhammed Mansoor C. B. and Rekha S., "Low power active-RC filter for ECG detection", IEEE sponsored Global Conference for advancement in Technology (GCAT 2019) to be held at Bangalore during 18-20 October 2019.
8. Y. P. Yeshwanth, T. P. Vara Prasad, Vivek Mudadla, Pavan and Rekha S., "Ultra low voltage, low power active-RC filter in 90 nm CMOS technology", IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER) 2019, MIT, Manipal, 11-12 August, 2019 - won the Best Paper Award.
9. Ashika Nayak, Samarth Bonthala, Yashas Uppoor and M. S. Bhat, "Design of High Gain Operational Transconductance Amplifiers in 180 nm CMOS technology" in the IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2019), 11-12 Aug. 2019.
10. Geriki Polaiah, Krishnamoorthy K and Muralidhar Kulkarni, "A Compact Dual-Band Rectenna for RF Energy Harvesting", Indian Conference on Antennas and Propagation (InCAP) 2019, Gandhinagar, Gujarat, India, December 19-22, 2019.
11. Ashish Patil, Deeksha M, N. Shekar V. Shet, Muralidhar Kulkarni, "Transmit Data Rate Control based Decentralized Congestion Control Mechanism for VANETs", Proceedings of the 2019 International Conference (IconDSC '19, IEEE ComSoc, Bangalore Chapter) on Data Science and Communication (IconDSC), held on 01-02, March, 2019.
12. Lwaa Faisal Abdulameer, Jokhakar Jignesh, Udupi Sripathi, Muralidhar Kulkarni, "Hybrid LDPC-STBC Communications System based on Chaos", Proceedings of the 2019 International Conference of Information and Communication Technology (ICICT, 2019), held on 15-16th April 2019.
13. Kalluri, Shareef Babu, Deepu Vijayasenan, and Sriram Ganapathy. "A Deep Neural Network Based End to End Model for Joint Height and Age Estimation from Short Duration Speech." *ICASSP 2019-2019 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*. IEEE, 2019.

14. Lakshmi S., Deepu Vijayaseenan, Sumam David S., Saraswathy Sreeram and Pooja K S "An Integrated Deep Learning Approach towards Automatic Evaluation of Ki-67 Labeling Index." In *TENCON 2019 - 2019 IEEE Region 10 Conference*. IEEE, 2019
15. Sushma B and Aparna P, "Texture Classification based Efficient Image Compression Algorithm for Wireless Capsule Endoscopy", 5th Intl. Conference ICCED 2019 April 11th to 13th 2019, at Singapore.
16. Princy M Paul, K. Krishnamoorthy, and Mohammed S. Sharawi, A Corner Expanded CPW-Fed Slot Antenna with Circular Polarization Characteristics, 13th European Conference on Antennas and Propagation (EuCAP 2019), Krakov, Poland, 31 Mar- 5 Apr, 2019.
17. Naveen Jacob, Krishnamoorthy K, Muralidhar Kulkarni, A Compact Frequency Reconfigurable Antenna for Cognitive Radio Applications , Accepted for presentation in 8th International Engineering Symposium (IES2019) to be held during March 13-15, 2019 at Kumamoto University, Japan.
18. Geriki Polaiiah, Krishnamoorthy K, Muralidhar Kulkarni Design of Quatrefoil Shape Antennas for GSM1800 MHz and UMTS2.1 GHz Rectenna Applications Accepted for presentation in the 2019 The International Union of Radio Science (URSI), Asia Pacific Radio Science Conference (AP RA-SC) to be held at the India Habitat Center New Delhi to be held during March 09 – 15, 2019, India
19. Vinnakota Sarath Sankar, Basudev Majumder, Runa Kumar and K. Krishnamoorthy, Suspended Metasurface Loaded Dual Band Dual Polarized Dipole Antenna Array for RF Energy Harvesting, 2019 URSI Asia-Pacific Radio Science Conference (AP-RASC 2019, New Delhi, India, 09 – 15 March, 2019.
20. G. Hanumantha Rao and S. Rekha, A 0.5 V, 1 nA Switched Capacitor PTAT Current reference circuit, Proc. of IEEE International Conference on Modeling of Systems Circuits and Devices (MOS-AK India 2019), 24-27 February, 2019.
21. Sumit Kumar, Hanumantha Rao G. and Rekha S., A 1-V, 8.6 nA Resistor-less PTAT current reference with startup circuit, Proc. of 15th IEEE India Council International Conference (Indicon 2018), Amrita Institute of technology, 16-18 December 2018.
22. Puneeth Kumar T R, Karthik Rudramuni and Krishnamoorthy Kandasamy, Dual Band Circularly Polarized Slot Antenna Loaded with Asymmetric Cross Strips, 2018 IEEE Indian Conference on Antennas and Propagation (InCAP 2018), Hyderabad, India, Dec 16-19, 2018. (Conference Travel grant awarded)
23. Vikrant Bande, Puneeth Kumar T R and Krishnamoorthy Kandasamy, Dual Band-Dual Sense Circularly Polarized Patch Antenna for Wi-Max Application, 2018 IEEE Indian Conference on Antennas and Propagation (InCAP 2018), Hyderabad, India, Dec 16-19, 2018.
24. E.S. Shajahan and M.S. Bhat, "High isolation Single Pole Four Throw RF MEMS Switches for X Band", Int. Symposium on Embedded Computing and System Design (ISED 2018), IEEE Dec. 13-15.
25. Karthik Rudramuni, Krishnamoorthy K and Basudev Majumder, Periodic Spiral-Slot-Loaded Dual-Band Dual Polarized Half-Width Microstrip Leaky-Wave Antennas with Forward and Backward Beam Scanning Properties, 2018 IEEE-INAE Workshop on Electromagnetics (IIWE), December 06 to 08, 2018, Trivandrum, India. (Satish Dhawan Best paper Award)
26. Karthik Rudramuni, Puneeth Kumar T R, Krishnamoorthy K, Basudev Majumder and Qingfeng Zhang Zhang, Planar Goubau Line Based Endfire Antenna, 2018 IEEE-INAE Workshop on Electromagnetics (IIWE), December 06 to 08, 2018, Trivandrum, India. (Conference Travel grant awarded)
27. Geriki Polaiiah, Krishnamoorthy K and Muralidhar Kulkarni, A GSM1800 MHz Monopole Antenna with Inverted L-Stub on Ground Plane for RF Energy Harvesting 2018 IEEE-INAE Workshop on Electromagnetics (IIWE), December 06 to 08, 2018, Trivandrum, India.

28. Naveen Jacob, Prabhanjan Mannari, Krishnamoorthy K and Muralidhar Kulkarni, A Compact Reconfigurable Penta-Band Artificial Magnetic Conductor for Wi-Fi Applications, 2018 IEEE-INAE Workshop on Electromagnetics (IIWE), December 06 to 08, 2018, Trivandrum, India.
29. Princy M Paul, K. Krishnamoorthy, and Mohammed S. Sharawi, A Copper Strip Array Loaded Multiband Square Slot Antenna, 2018 IEEE-INAE Workshop on Electromagnetics (IIWE), December 06 to 08, 2018, Trivandrum, India. (Conference Travel grant awarded)
30. Puneeth Kumar T R, Karthik Rudramuni and Krishnamoorthy Kandasamy, Compact Dual Band Circularly Polarized Planar Slot Antenna loaded with a Rotated SRR, 2018 IEEE-INAE Workshop on Electromagnetics (IIWE), December 06 to 08, 2018, Trivandrum, India.
31. Vikrant Bande, Puneeth Kumar T R and Krishnamoorthy Kandasamy, Compact Dual Band Dual Polarized Patch Antenna for Wireless Applications 2018 IEEE-INAE Workshop on Electromagnetics (IIWE), December 06 to 08, 2018, Trivandrum, India.
32. Princy M Paul, K. Krishnamoorthy, and Mohammed S. Sharawi, A Tri-Band SRR Loaded Half Slot Antenna with Wideband Properties The IEEE Radio and Antenna Days of the Indian Ocean (RADIO), Mauritius, 15<sup>th</sup> to 18<sup>th</sup> October 2018.
33. Narendera Singh Pal, Shyam Lal and Kshitij Shinghal, A Visibility Restoration Framework for rainy images by using Lo gradient minimization and Bilateral Filtering, IEEE International Conference on Advances in Computing, Communication, Control and Networking (ICACCCN-2018), Galgotias College of Engineering & Technology, Delhi NCR, Greater Noida, UP., October 12-13, 2018.
34. Pradeep K. Gupta, Shyam Lal, Farooq Husain, Comparative Analysis of Different Despeckling filters used for Retinal Optical Coherence Tomography Images, 2<sup>nd</sup> IEEE International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE 2018), SRM Delhi NCR Campus, Ghaziabad, UP, India, September 20-21, 2018.
35. Amaljith M. K., Hanumantha Rao G. and Rekha S., Low voltage current reference circuit with low temperature coefficient, IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER) 2018, MITE, Moodbidri, 13-14 August, 2018.
36. Aparna T, Sreenivasulu Polineni and M. S. Bhat, A Three-Stage Operational Transconductance Amplifier for Delta Sigma Modulator, IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018), 13-14 Aug. 2018 - Won the Best Paper Award.
37. Riya Raj , M. S. Bhat and Rekha S, Library Characterization: Noise and Delay Modeling, IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018), 13-14 Aug. 2018.
38. Harpreet Mehra and M. S. Bhat, High Level Optimization Methodology for High Performance DSP Systems using Retiming Techniques, IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018), 13-14 Aug. 2018.
39. Ramachandra G. and M. S. Bhat, Compressed Sensing for Energy and Bandwidth Starved IoT Applications, IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018), 13-14 Aug. 2018.
40. Shreenivasa K, M. S. Bhat and Rekha S, A Scheme for efficient and equitable use of public utilities through supervisory and distributed control, IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER 2018), 13-14 Aug. 2018.
41. Alok Kumar Jain and Shyam Lal, Feature Extraction of Normalized Colorectal Cancer Histopathology Images, Springer 3<sup>rd</sup> International Conference on Recent Advancements in Computer, Communication

and Computational Sciences (RACCCS- 2018), Aryabhata College of Engineering & Research Center, Ajmer, India during August 10-11, 2018.

42. Princy M Paul, K. Krishnamoorthy, and Mohammed S. Sharawi, A Multi-Band SRR and Strip Loaded Slot Antenna, 2018 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting in Boston, Massachusetts, July 8-13, 2018.
43. Karishma Shiraj Mulani, Harish Kumar, Gaurav M.K and Sumam David S Hardware Acceleration of Optically Labeled Human Genome Sequencing using a Novel Algorithm, International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT), Bangalore, March 2018 .
44. Bhat Raghavendra Ravi, Deepu S. P., Ramesh Kini M., Sumam David S., Wavelet based Noise Reduction Techniques for Real Time Speech Enhancement, International Conference on Signal Processing and Integrated Networks, SPIN2018, Noida, February 2018.
45. R Prasad Naik, Amardeep kumar and U Shripathi Acharya, Experimental Studies on performance of Optical Communication links for seawater employing Channel Coding, Interleaving and Diversity Techniques International Conference on Sonar Sensors and Systems, Feb 2018.
46. Basti Bharath Shenoy, Tonse Laxminidhi and U. Shripathi Acharya, Design and Development of Sustainable Low Cost Clean Energy Harvesting System for Lighting Targeted at Rural Applications, IEEE 2018 Biennial International Conference on Power and Energy Systems: Towards Sustainable Energy (PESTSE), Jan 2018.
47. Anu Shaju Areeckal, Mathew Sam, and Sumam David S., Computerized Radiogrammetry of Third Metacarpal Using Watershed and Active Appearance Model, Proceedings of 19th IEEE International Conference on Industrial Technology (ICIT), Lyon, France, DOI: 10.1109/ICIT.2018.8352401, pp.1490-1495, 2018.
48. Avinash D Jayakar, Gautham Sambath, Anu Shaju Areeckal, Sumam David S., *Cortical Volumetry using 3D reconstruction of metacarpal bone from multi-view images*, IEEE International Conference on Recent Advances in Computational Systems (RAICS), Thiruvananthapuram, pp. 79-83, December 2018.
49. Prashant K Kharat, Aniket Rege, Aneesh Goel, Muralidhar Kulkarni, QUIC Protocol Performance in Wireless Networks, Seventh IEEE International Conference on Communication and Signal Processing – ICCSP'18, India. Accepted for oral presentation and publication in IEEE Xplore.
50. Prashant Kharat, Muralidhar Kulkarni, Situation-Based Congestion Control Strategies for Wired and Wireless Networks, International Conference on Advances in Communication and Computing Technology (ICACCT)- 2018, India.
51. Kuncham S, Gadiyar Manasa, Sushmitha Din, Kirankumar Lad & Laxminidhi T. A Novel Zero Blind Zone Phase Frequency Detector for Fast Acquisition in Phase Locked Loops In VLSI Design and 2018 17th International Conference on Embedded Systems (VLSID), 2018 31st International Conference on (pp. 167-170). IEEE.
52. Jayaram Reddy MK, S Polineni, L Tonse, “91dB Dynamic Range 9.5 nW Low Pass Filter for Bio-Medical Applications”, 2018 IEEE Computer Society Annual Symposium on VLSI (ISVLSI), 453-457
53. S Sankaranarayanan, KC Vinod, A Sreekumar, T Laxminidhi, V Singhal, R. Chauhan, “Single Inductor Dual Output Buck Converter for Low Power Applications and Its Stability Analysis”, 2018 31st International Conference on VLSI Design and 2018 17th International Conference on Embedded Systems (VLSID), 347-352.
54. Ragesh Rajan, Ashwin Kalyan and Deepu V., Prediction of Aesthetic Elements in Karnatic Music: a Machine Learning Approach, Interspeech 2018, Hyderabad.

55. Pranav Prasad, Anand G, Shashank S, Deepu V., Frequency Contour Modeling to Synthesize Natural Flute Renditions for Carnatic Music, Signal Processing and Communication, SPCOM 2018, Bangalore.
56. A.V Narasimhadhan, Aman Sharma, Jenny Rajan, G V S S K R Naganjaneyulu, Sure Avinash P K Vinay and N Bal Kishan, Reconstruction of Edges from FanBeam Projections, IEEE Tencon 2018, South Korea.
57. Asha C S and A V Narasimhadhan, Vehicle Counting for Traffic Management System using YOLO and Correlation Filter, IEEE Connect 2018.
58. Pardhu Madipalli, Sandeep Kotta, Harish Dadi, Nagaraj Y, Asha C S and A V Narasimhadhan Fully Automatic Segmentation of Intima Media Complex in Common Carotid Artery Using Adaptive Wind Driven Optimization, NCC 2018.
59. Malavika R, K. Prabu, Computational study of nanostructured Photonic crystal fiber, Third International Conference on Nanomaterials: Synthesis, Characterization and Applications (ICN 2018), International and Interuniversity Centre for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kottayam, Kerala, India.
60. M. Singh and A. Datta, "Modeling of CMOS compatible ring resonator switch with intermediate vanadium oxide as the switching element" 2nd International Conference on Condensed Matter and Applied Physics, AIP proceeding, vol. 1953 B, 060015, 2018.
61. Mathew Sam, Anu Shaju Areeckal, and Sumam David S., Early Diagnosis of Osteoporosis Using Active Appearance Model and Metacarpal Radiogrammetry, Proceedings of 13th IEEE International Conference on Signal Image Technology and Internet Based Systems (SITIS), Jaipur, India, DOI: 10.1109/SITIS.2017.38, pp.173-178, Dec 2017.
62. Shilpa Suresh, Devikalyan Das, and Shyam Lal, A Framework for Quality Enhancement of Multispectral Remote Sensing Images, 9<sup>th</sup> IEEE International Conference on Advanced Computing (ICoAC-2017), Chennai, Tamil Nadu, December 14 – 16, 2017.
63. Shreyas A Simu and Shyam Lal, Automated Bone Age Assessment using Bag of Features and Random Forests, Proc. of IEEE International Conference on Intelligent Sustainable Systems (ICISS 2017), Coimbatore, Tamil Nadu, December 7-8, 2017.
64. Karthik Rudramuni, Krishnamoorthy Kandasamy, Abhishek Kandwal and Qingfeng Zhang, Compact Bandpass Filter Based on Hybrid Spoof Surface Plasmon and Substrate Integrated Waveguide Transmission Line, IEEE Electrical Design of Advanced Packaging and Systems (EDAPS) Symposium, Haining, Hangzhou, China, Dec-2017.
65. B. Majumder, K. Kandasamy, J. Mukherjee and K. P. Ray, A Novel Beam Steering Dipole Antenna using Phase Varying Metasurface as Reflector, IEEE International Conference on Antenna Innovations and Modern Technologies (IAIM )-2017, Bangalore, India, 24-26 November 2017.
66. Karthik Samtani, Jobin Thomas V, Deepu S.P, Sumam David S, Area and Power Optimised ASIC Implementation of Adaptive Beamformer for Hearing Aids, 13th IEEE Biomedical Circuits and Systems Conference (BioCAS 2017), Turin, October 2017.
67. Baldeo Sharan Sharma and M. S. Bhat, Design of High Performance Dual-Gate Nano-Scale In<sub>0.55</sub>Ga<sub>0.45</sub>As Transistor with modified Substrate Geometry, The 8th IEEE Annual Ubiquitous Computing, Electronics & Mobile Communication Conference, 19-21 October, 2017
68. Abhishek MB, N.Shekar V.Shet, Data Transmission Unit and web server interaction to monitor water distribution: A cyber physical system perspective, 4th International Conference on Earth Sciences and Engineering, Andalas University, Padang , Indonesia, 29-31 August 2017.

69. Puneeth Kumar and Rekha S., Fast startup Crystal Oscillator Design, IEEE International Conference on Energy, Communication, Data Analytics & Soft computing (ICECDS)-2017, SKR Engg. College, Tamil Nadu, August 1st-2nd, 2017.
70. Abhishek Rathan Kumar, Anirudh Birur, Vivek Venkatraman, Sumam David S., Accelerating Real-time Computer Vision Applications using HW/SW Co-design, IEEE International Conference on Computer, Communications and Electronics 2017 (Comptelix 2017), Jaipur, July 2017.
71. Karthik Samtani, Jobin Thomas V, Abhinav Varma, Sumam David S, Deepu S.P., FPGA Implementation of Adaptive Beamforming in Hearing Aids, 39th Annual International Conference of the IEEE Engineering in Medicine and Biology, Jeju Island, Korea, July 2017.
72. N. Ramshanker, Kolla Lakshmi Ganapathi, Shankaranarayana M Bhat and Sangeneni Mohan RF Sputtered CeO<sub>2</sub> Films For Oxygen Sensing, Eighth International Conference on Smart Materials, Structures & Systems (ISSS), July 5-7, 2017.
73. Alison E. Viegas, Rekha S., Srinivasan Raghavan and Navakanta Bhat, A novel 3D Capacitor Design using Nanoporous and nanotubular Anodic Oxides, 8th ISSS International Conference on Smart Materials, Structures and Systems, IISc, Bengaluru, July 5-7 2017.
74. Hanumantha Rao G. and Rekha S., Low Voltage, low power Transconductor for low frequency Gm-C Filters, 21st International Symposium on VLSI Design and Test (VDATE 2017), 29th June - 2nd July 2017, IIT Roorkey.
75. Princy M Paul, K. Krishnamoorthy, and Mohammed S. Sharawi, SRR Loaded Slot Antenna for Multiband Applications, 2017 IEEE AP-S Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, San Diego, California, USA, July 9-14, 2017.
76. Ragahvendra M A N S; Goutham Simha G D; U. Sripathi. Non-Orthogonal Full Rank Space-Time Block Codes over Eisenstein-Jacobi Integers for MIMO Systems, International Conferences 4th International Conference on Electronics and Communication Systems (ICECS -17) Year: 2017.
77. Goutham Simha G.D.; Shriharsha Koila; Ragahvendra M A N S, U.Sripathi. Modified Signal Design for Multistream Spatial Modulation over Spatially Correlated Channels, International Conferences on Advances in Computing, Communications and Informatics (ICACCI). Year: 2017.
78. Ragahvendra M A N S; Goutham Simha G D; U. Sripathi, Abelian Codes over Eisenstein-Jacobi Integers for MIMO Systems, International Conferences on Advances in Computing, Communications and Informatics (ICACCI) Year: 2017.
79. Ranjan Kumar Mahapatra, N.S.V.Shet, Topology Control in Wireless Sensor Networks: A Survey ICIECE, July, 2017.
80. Princy M Paul, K. Krishnamoorthy, and Mohammed S. Sharawi, Quad Band SRR loaded Square Slot Antenna, THE 9th IEEE GCC CONFERENCE & EXHIBITION, Manama, Bahrain, 8-11 May 2017.
81. Naga Lakshmana Kumar K, Pathipati Srihari, Gnane Swarnadh Satapathi, GVK Sharma A High Speed Complementary Pulse Compressor and its Implementation of FPGA publication in IEEE Radar Conference (Radarcon-2017), Seattle,USA May 8-12, 2017.
82. Sravani K and Rathnamala Rao, High Throughput and High Capacity Asynchronous Pipeline using Hybrid Logic, Proceedings of International Conference on Innovations in Electronics, Signal Processing and Communication (IESC), April 2017.
83. Baldeo Sharan Sharma and M. S. Bhat, A Novel Dual-Gate Nano-Scale InGaAs Transistor with modified Substrate Geometry, IEEE International Conference on Innovations in Electronics, Signal

Processing and Communication (ICIESC 2017), 6-7 April, 2017, Shillong, Meghalaya - Won the Best Paper Award.

84. Baldeo Sharan Sharma and M. S. Bhat, Improved Tri-Gate FinFET Transistor with InGaAs, 4th IEEE International Conference on Innovations in Information, Embedded and Communication Systems, 17-18 March, 2017.
85. N. Shekar V. Shet , Naveen Kumar Panguluri, Harsha M P and Abhishek MB, Wireless Monitoring of Water Resources in a Campus, International Engineering Symposium, Japan, March 2017.
86. Ranjan Kumar Mahapatra, N.S.V.Shet, Experimental Analysis of RSSI-based Distance Estimation for Wireless Sensor Networks, DISCOVER Pages: 211-215 DOI:10.1109/DISCOVER.2016.7806221, January 2017.
87. Sarwesh P., N. Shekar V. Shet and K. Chandrasekaran, Energy Efficient and Reliable Network Design to Improve Lifetime of Low Power IoT Networks IEEE International Conference on Wireless Communications, Signal Processing and Networking, 2017, IEEE.
88. Ashish Patil, N. Shekar V. Shet, An index coded approach to reduce number of broadcasts in vehicular networks, IEEE region ten conference, TENCON, 2017.
89. Nagaraj Y and A V Narasimhadhan, Comparison of edge detection algorithms in the framework of despeckling carotid ultrasound images based on Bayesian estimation approach, NCVPRIPG 2017, IIT Mandi.
90. G V S S K R Naganjaneyulu, Ch Sai Krishna and A V Narasimhadhan A Novel Method for Logo Detection Based on Curvelet Transform Using GLCM Features, CVIP, 2017
91. Asha C S and A V Narasimhadhan, Evaluation of Feature Channels for Object Tracking in RGB and Thermal Imagery Using Correlation Filter, NCC 2017.
92. K. S. Babu and D. Vijayasenani, Robust features for automatic estimation of physical parameters from speech, TENCON 2017 - 2017 IEEE Region 10 Conference, Penang, 2017, pp. 1515-1519. doi: 10.1109/TENCON.2017.8228097
93. Sandeep Kumar, Van-Ha Nguyen, W.A. Chamindra, Alaaddin Al-shidaifat, Won-young Jung, and Hanjung Song 0.33THz Wide Bandwidth Low Noise Amplifier Based CNT Model Submillimeter Communication Networks The Korean Institute of communications and information sciences, Inje University conference, Korea 3<sup>rd</sup> June, 2017.
94. W.A. Chamindra, Van-Ha Nguyen, Sandeep Kumar, Alaaddin Al-shidaifat, Won-young Jung, and Hanjung Song Secure communication synchronization using Lorenz oscillators The Korean Institute of communications and information sciences, Inje University conference, Korea 3<sup>rd</sup> June, 2017.
95. Alaaddin Al-shidaifat, Van-Ha Nguyen, Sandeep Kumar, Won-young Jung, and Hanjung Song Low voltage operated CNT neuron modeling for a neuromorphic application The Korean Institute of communications and information sciences, Inje University conference, Korea 3<sup>rd</sup> June, 2017.
96. Sandeep Kumar, Van-Ha Nguyen, W.A. Chamindra, Alaaddin Al-shidaifat, Won-young Jung, and Hanjung Song 1.25-THz Performance Analysis of Hybrid Single-Walled CNT with 0.045 $\mu$ m BSIM for Soil Measurement Application 6th International Conference on Information and Electronics Engineering (ICIEE), Singapore, Feb 2017.
97. Van-Ha Nguyen, Sandeep Kumar, W.A. Chamindra, Alaaddin Al-shidaifat, Won-young Jung, and Hanjung Song Auxiliary-less fly-back DC-DC converter with precise-regulated PSR controller using positive-tangent peak detector in 0.35 $\mu$ m BCDMOS 6th International Conference on Information and Electronics Engineering (ICIEE), Singapore, Feb 2017.

98. W.A. Chamindra, Sandeep Kumar, Van-Ha Nguyen, Alaaddin Al-shidaifat, Won-young Jung, and Hanjung Song A Chaotic Behavior Approach Towards Lorenz System Execution into Microcontroller for Secure Communication Networks 6th International Conference on Information and Electronics Engineering (ICIEE), Singapore, Feb 2017.
99. Sandeep Kumar, Chamindra Jayawickrama, Ashish Kumar, AlaaDdin Al-Shidaifat, Hanjung Song An Integrated on-chip CMOS trans-impedance amplifier using feedback loop Method for Biomedical application Conference on Information and Control systems (CICS), IEIE, Korea 2017.
100. Shubhro Chakrabartty, Sandeep Kumar and Hanjung Song A study of TiO<sub>2</sub> based memory device with fabrication techniques for neuromorphic computing application The 4<sup>th</sup> International Conference and Exhibition for nanotechnology (NANOPIA 2017), Korea.
101. Sandeep Kumar, W.A. Chamindra, Alaaddin Al-shidaifat and Hanjung Song 2-8GHz, 1.6dB Integrated CMOS LNA using Image network technique for 4G LTE application International conference on signal processing and communication engineering (ICSPCE-17), New Delhi 2017.
102. W.A. Chamindra, Sandeep Kumar, Alaaddin Al-shidaifat and Hanjung Song Secure communication approach using microcontroller-based Lorenz system International conference on Electrical, electronic communication, Industrial engineering (EIT-2017), New Delhi 2017.
103. Yonseal Mo, Wonju Song, Yeji Han, Sandeep Kumar and Hanjung Song Design of a 5V output Boost DC-DC converter with improved protection functions for battery operated devices IEEE International conference on system science and engineering (ICSSE) Vietnam 2017. (IEEE Explore index)
104. W.A. Chamindra, Van Ha Naguen, A. AlaaDdin, Sandeep Kumar, K. Yoojin, Hanjung Song. Simulation study of secure communication using microcontroller-based Lorenz chaotic oscillator The institute of electronics and information engineers (IEIE summer conference), Korea 2017.
105. AlaaDdin Al-Shidaifat, Yeji Han, Wonju Song, Sandeep Kumar, Won-Young Jung, Hanjung Song A SPECTRE Flash EEPROM Model for Circuit Simulation The institute of electronics and information engineers (IEIE summer conference) Korea 2017.
106. G.Aarthi, G.Ramachandra Reddy, Prabu K, Performance Analysis of Alamouti Scheme in Turbulence induced fading with Pointing Errors, IEEE Innovations in Power and Advanced Computing Technologies (i-PACT2017), VIT University, Vellore.
107. Jnanesh Somayaji and M. S. Bhat, Analysis of Implant Parameters in High Voltage TRIPLE RESURF LDMOS for Advanced SoC Applications, 6th IEEE Int'l Symposium on Embedded computing & system Design (ISED), Dec 15-17, 2016.
108. Gnane Swarnadh Satapathi, Pathipati Srihari, All Neighbor Fuzzy Relational Data Association for Multitarget Tracking in the Presence of ECM publication in IEEE INDICON-16, held at IISc, Bengaluru during 16-18, December 2016.
109. Manoj Garg, Sandeep Kumar, Jasmine Saini and Binod Kumar Kanaujia Extracted LC Model of Monopole antenna with T-slot for UWB application International Conference on signal processing and communication, Dec 2016. (IEEE Explore Index)
110. Seema K., Aparna P., A Feasible QRS Detection Algorithm for Arrhythmia Diagnosis, International Conference on Advances in Electrical, Electronic and Systems Engineering (ICAEESE 2016), 14-16 November 2016 in Putrajaya, Malaysia.
111. Hari Sankar S., Suraj B., Jayadev K., Aparna P., A comprehensive solution to road traffic accident detection and ambulance management, International Conference on Advances in Electrical, Electronic and Systems Engineering (ICAEESE 2016), 14-16 November, 2016 in Putrajaya, Malaysia.



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