

FACULTY MEMBERS PUBLICATIONS

Calendar year-2012

Conferences

1. Mamatha.A.S, Vipula singh, "Image Analysis for Diabetic Retinopathy", Proceedings of National Conference on Advances in Communication Technologies NCACT'12, Jan 2012, pp 382- 388.
2. Mamatha.A.S, Vipula Singh, Sujatha swamy, "Satellite Image Compression Techniques", National Conference on Computational Intelligence & Applications, Hyderabad, India, feb 2012.
3. Mamatha.A.S, Vipula singh, "Tera Hertz Technology and its Applications", Proceedings of National Conference on Emerging Trends In Signal Processing and Embedded Systems SPES'12, Feb 2012.
4. Mamatha.A.S, Vipula singh, "Automatic ECG Abnormality Diagnostic System", Proceedings of National Conference on Computational Intelligence & Applications NCCIA'12, 9 & 10 Feb 2012.
5. Mamatha.A.S, Vipula Singh, Sujatha swamy, "Low Complexity Image Compression Algorithm for On-board Satellite", The International Conference on Multimedia & Content Based Information Retrieval , Bangalore, India , july 2012.
6. Ghousia Begum S and Dr. Vipula Singh, "Fully Automatic ECG Abnormality Diagnostic System", is selected for Third International Conference on Multimedia and Content Based Information Retrieval (ICMCBIR 2012), Bengaluru, India, to be presented on 25th July 2012.
7. Rajini V Honnungar ,T Srinivas, "Design and Simulation of an Optical Integrated Passive S-bend waveguide delay line phase shifter,IEEE CICSyN 2012,Phuket ,Thailand ,24-26th July ,2012
8. Mamatha.A.S, Vipula singh, "Automatic Detection of Diabetic Retinopathy in Non-detailed RGB Retinal Fundus Images" ICMCBIR, July 2012
9. Mamatha.A.S, Vipula singh, "Near Lossless Image Compression System", IEEE PrimeAsia 2012, Asia Pacific Conference on Postgraduate Research in Microelectronics & Electronics, 5th – 7th December 2012. BITS Pilani Hyderabad Campus.
10. S.V.Uma "Congestion Contral by Heuristics in high speed network using ANN " International Conference on emerging(ICERECT)Research in Electronics,Computer Science and technology at PESCE,Mandya,on 21st December 2012
11. Ghousia Begum S and Dr. Vipula Singh, "Automatic ECG Abnormality Diagnostic System", National Conference on Computational Intelligence and Applications (NCCIA-2012).
12. Usha B S, Sandya S, Shruthi GSize and Shape Based Ovarian Abnormality Detection of Ultrasound Images, ICERECT-12, 21-22 Dec 2012, PESCE.
13. Mamatha.A.S, Vipula singh, "Near Lossless Image Compression System", IEEE PrimeAsia 2012, Asia Pacific Conference on Postgraduate Research in Microelectronics & Electronics, 5th – 7th December 2012,BITS Pilani Hyderabad Campus.

Journal

1. Shruthi.G, Usha.B.S and Sandya.S “A Novel Approach for Speckle Reduction and Enhancement of Ultrasound Images”, International Journal of Computer Applications (0975 – 8887) Volume 45– No.20, May 2012, ISBN: 973-93-80868-55-3,.
2. Sreedevi M.T, Usha B.S and Sandya S, “Papsmeas Image based Detection of Cervical Cancer”, International Journal of Computer Applications, Volume 45– No.20, May 2012, ISBN : 973-93-80868-55.
3. Ghousia Begum S and Dr. Vipula Singh, “Automatic Diagnostic System for Long-Term ECG Data from Holter Monitor”, International Journal of Computer Applications (0975 – 888), Volume 47– No.20, June 2012.
4. Mamatha.A.S, Vipula Singh, Sujatha swamy, “Low Complexity and High-quality Image Compression Algorithm for On-board Satellite”, International Journal of Computer Applications, vol 47-No 17, june 2012.
5. Manjula V.K “High Frequency RF Source for High Data Rate Modulation Techniques” International Journal of Scientific & Engineering Research, Volume 3, Issue 7, July 2012 ISSN 2229-5518
6. Manjula V.K “Multiband NCO for BPSK, FSK and FM techniques”, International Journal of Scientific & Engineering Research Volume 3, Issue 7, July-2012 1 ISSN 2229-5518
7. Vipula Singh “Low-Complexity and High-Quality Image Compression Algorithm for Onboard Satellite”, International Journal of Computer Applications (IJCA) June 2012.
8. Vipula Singh “Automatic Diagnostic System for Long-term ECG Data from Holter Monitor” International Journal of Computer Applications (IJCA) June 2012.
9. Vipula Singh “Automatic Detection of Diabetic Retinopathy in Non-dilated RGB Retinal Fundus Images”, International Journal of Computer Applications (IJCA) June 2012.
10. Vipula Singh “Survey Paper on ECG Data Compression techniques and Proposing a New Method to achieve a Low PRD Value”, International Journal of Advanced Computer Research (ISSN 2277-7970), 2012.

Books Published

- 1 Vipula singh ,Book chapter in “Wavelets: Classification, Theory & Applications” (Mathematics Research Developments) Nova publishers.
- 2 Vipula singh, “Digital Image Processing With Matlab&Labview “at ISBN 9789382291640.Elsevier Publications 2012
- 3 Narendrakumar, “optical fiber communication” I edition, Excellent Engineer Publications Bangalore 2012.

Calendar year-2013

conference

1. Prof S.V.Uma “ Novel Dynamic data dissemination technique [D³] ,for congestion control in high speed multimedia wireless sensor network”, presented in CIMSIM 2013, seoul, S. Korea.
2. Archana kulkarani “Quad Parallel GPU Based Programmable Scalable Graphics Accelerator Engine Using SOC”, NCRAECE -13.
3. Archana kulkarani “Design and Implementation Of 32-Bit ALU Using VHDL”, NCRAECE -13.
4. Ohileshwari M.S, “testing analog blocks bared on terminal characteristics of highly fault sanative nodes”, ICSEM-13 Bangalore, 2013.
5. Narendra kumar, “Implemenating PSOC To Harness Energy For Sattellite By Employing Multilayered Piezo Electric Crystals”, International Conference October 2013, Padiyala , Punjab , India.
6. Mrs. S V Uma "A Novel technique for congestion avoidance/central in high speed multimedia networks using network intrusion detection systems" IEEE TENCON2013, oct 2013.
7. Narendra kumar "Obstacle Detection And Distance Measurement For Vehicle Parking Using Labview” NCRAECE -13
8. Narendra kumar “Automated Headlight Intensity Controller ”NCRAECE -13.
9. Narendra kumar “GSM Based Wireless Bulletin Board”, NHCE -2013
10. Sangeetha B G“verification reuse methodology for comman function –alities across IPS in an automated chip”,NCRAECE’13.
11. Praveen .G “simulation & synthesis of 4:1 & 8:1 Multiplexer using reversible gates ”International conference ,DR .AIT, banglore 2013.
12. Praveen .G”simplified haptic drive :A robot for Arm and wrist rehabilitation ”International conference ,DR .AIT, banglore 2013.
13. . Mrs. Malavika V Murthy, Dr. Vipula Singh "FPGA Implementation of Log Multiplier based on Fusion of OD and Mitchell for Image Processing Applications",2013 International Conference on Circuits, Controls & Communications, Bengaluru, 27-28th Dec 2013.
14. Mrs. Usha B S "Measurement of Ovarian size and shape parameters"IEEE Indicon 2013.

Journal

1. Rajini V Honnungar, “A novel Π phase shifter in integrated optics” published in international journal of electronics &communication engineering and technology (IJECET) volume 4, Issue 3,may-june 2013
2. Mrs. S V Uma "A Cross Layer UDP-IP Protocol for Efficient Congestion Control in wireless networks, International Journal of CS & Information Security", Vol-II,no. 12, Dec2013.
3. Mrs. Mamatha A S, Dr. Vipula Singh "Lossless Hyperspectral Image Compression based on Prediction", RAICS, 2013.DOI:10.1109/RAICS2013.6745472.

4. Sourabh Jain, Prof D. Suresh, "A New Jpeg Image Scaling Algorithm Based on the Area Pixel Model", The International Journal Of Engineering And Science (IJES) , Volume2, Issue 5, Pages 46-56, 2013, ISSN(e): 2319 – 1813 ISSN(p): 2319 – 1805.

Books Published

1. S.V.Uma, "Constraint Based Communication Network Design Using Genetic Algorithm" Lambert academic publishing house, Germany ,Dec 2013.
2. Narendra kumar "Microprocessors 8086" I edition, Excellent Engineer Publications Bangalore 2013.
3. Narendra kumar "Analog communication" I edition, Excellent Engineer Publications Bangalore 2013.

Calendar year-2014

conferences

1. Mrs. Malavika V. Murthy, Dr. Vipula Singh "Design and Implementation of Log Multiplier based on fusion of OD and Mitchell Algorithm", National Conference on recent Advances in Communication Networks, Bengaluru, 21-22nd march 2014.
2. Prabavathi.C.N, "Speech Enhancement using Spectral Enhancement Method", NCAREC-SAP-006, 22nd-23rd april 2014, Doddaballapur.
3. Usha.B.S , "Ultrasound Ovary Image Classification using $K\sigma$ -Classifier", BME-2014, 16th-18th june 2014, Vietnam.
4. Mrs. Rajini V Honnunar, Mrs. Soumya M, Dr. T Srinivas "Optimization of S-bend waveguide parameters for delay line based phase shifter in integrated optics", International Conference on Optics & Optoelectronics (IOCL)-2014 Dehradun.
5. Mrs. Ohileshwari M S "Efficient Dynamic supply current testing (IDDT) solution for fault detection in SRAM arrays", IEEE International conference I2CT-2014.
6. Narendra Kumar "Implementation of Cuckoo Hashing algorithm for NIDS", National conference on recent advances in communications networks, NCRACN'14.
7. Mrs.Nandini K S "Performance evaluation of non-cooperative spectrum sensing methods in cognitive radio", National conference on recent advances in communications networks, NCRACN'14.
8. Mrs.Soumya M, Mrs. Rajini V Honnunar, Dr. T Srinivas "Design and Optimization of Micro ring resonator for Multimode condition", International Conference on Optics & Optoelectronics (IOCL)-2014 Dehradun.
9. Ghousia Begum S, Dr. Vipula Singh "ECG Signal Processing for Remote Healthcare System", International Conference on Circuits, Controls and Communication (CCUBE), 978-1-4799-1601:2013, IEEE.
10. Kalpana M "Novel High Speed Vedic Mathematics Multiplier using Compressors", IEEE International Conference, iMac4S-2014.
11. Mamatha.A.S, Vipula singh, " Lossless Hyperspectral Image Compression using Intraband and Interband Precision ", ICACCI, 24th-27th sept 2014, Noida, Delhi, 2014.

12. Archana R Kulkarni, "Data Aggregation using Doped Turbo Codes", International Conference on Contemporary Computing and Informatics (IC3I), 2014.

Journals

1. Shylashree N "An optimized multiplier architecture for a dual field processor for ECC", International Journal of Computer science and Information Security (IJCSIS), vol12, no. 2,feb2014, USA.
2. Shylashree N "Hardware realization of high speed elliptic curve point multiplier using precomputaion over GF(P)", Journal of Computer Science(JCS),vol.10, no. 07,1094-1106,feb 2014, USA and Australia.
3. Usha B. S. ,“Abnormal Detection in Ovarian Ultrasound Images using Active Contours”, JBEMI,2014, volume1, issue 4, ISSN:2055-1266.
4. Uma S.V., “A Novel,Unified Dynamic Data Dissemination[D3] AND Traffic Classification Technique for Congestion Avoidance in High Speed Wireless Multimedia Sensor Networks”, IJSSST,Aug2014.
5. Shylashree N, “Hardware Realization of fast Multi-Scalar Eliptic Curve Point Multiplication by reducing the Hamming weights over GF(P)”, volume 10,pg 57-63, sept2014, IJ-CNIS.
6. Shylashree N "A high speed, Optimized multiplier architecture for a DF-ECC processor", International Journal of simulation, systems,science and technology(IJSSST),Vol-14,no. 02, 2014.
7. Sangeetha.B.G, “Preparation and Characterization of Ge1Sb2Te4 for NVRAM applications”, Microelectronics Engineering Journal, Volume 123, Pages 77-80, 5th sept 2014.
8. Prabavathi.C.N, “Acoustic Noise Classification & Characterization using Statistical Properties”, International Journal of Emerging Technology and Advanced Engineering, Volume 4,Issue 6, June 2014.
9. Leena Chandrashekar, "Characteristics of Sonar Sensors for Short Range Measurement," International Journal of Engineering Research & Technology, ISSN: 2278-0181, Vol.3, Issue 11, November 2014.

Books published

1. Narendra Kumar-Textbook: "Microprocessors 8086" edition II,2014, Prism publications.
2. Narendra Kumar-Textbook: "Microcontrollers" edition II,2014, Prism publications.
3. Narendra Kumar, Somashekar.K, Praveen.G, “Basic Electronics” I edition, August 2014, Excellent Engineer Publications Bangalore.
4. Ibrar Jahan, “Basic Electronics”, I edition, 2014, I K International Publications Bangalore

Calendar year-2015

Conference

1. Smita N, Dr Vipula Singh, “Clutter reduction using Background subtraction of ground penetration Radar for landmine detection”, international conference, IEEE prime asia 2015, Hyderabad, 27th to 29th nov 2015.
2. Mamatha A. S. , Vipula Singh, Vinaya Kusuma, “Low Complexity Distributed Approach to Hyperspectral Image Compression”, IEEE TENCON 2015, Nov 1st to 4th , Macau.
3. Sowmya M V, Manjula V K, “Intelligent Traffic Management using IEEE 802.15.4 wireless Sensor Network”, National Level Conference in Electronics and Communication Engineering, SJCIT, May12,2015.
4. Arpitha M, Harish K, “Smart Remote Control using IEEE 802.15.4”, National Level Conference in Electronics and Communication Engineering, SJCIT, May12,2015.
5. Madhuri Katti G, Rajani V Honnagar, “FPGA based Realization of TDMA for Wireless Sensor Network”, National Level Conference in Electronics and Communication Engineering, SJCIT, May12, 2015.
6. Raksha Desai, Prabhavathi C. N., “Short Time Fourier Transform Listening Tests using Phase Spectrum”, National Level Conference in Electronics and Communication Engineering, SJCIT, May12,2015.
7. Neeha J, Shylashree N, “Efficient Implementation of High Speed Scalar Multiplication for ECC in GF(p)”, National Level Conference in Electronics and Communication Engineering, SJCIT, May12,2015.
8. Hari Praveen H M, Ohileshwari M S, “Design and Implemetation of Efficient Built in Current Sensor for 6T Steam Cell”,National Conference on Recent Trends in Electronics and Communication,SJBIT,BANGALORE,9th May 2015.
9. Renjini K Bhat, Archana R Kulkarni, “Implementation of Recurrent Leaky Bucket Algorithm for Traffic Shaping and Congestion Control in FPGA”, National Conference on Recent Trends in Electronics and Communication, SJBIT, BANGALORE, 9th May 2015.
10. Vivek M Hugar, Sangeetha B G, “Design of Low Power 5 Bit Flash ADC”, National Conference on Recent Trends in Electronics and Communication, SJBIT, BANGALORE, 9th May 2015.

11. Akhtar Banu, Ghousia Begum S, Vipula Singh, "ECG Data Compression Methods for Telecardiology Application", National Conference-KSHITIJA, May 12th 2015.
12. Vinaya Kusuma, Mamatha.A.S, Vipula Singh, "Hyperspectral Image Compression Based on Distributed Source Coding", National Conference, KSHITIJA- 2015 at SJCIT, 30th April.
13. Gangaraja, Mamatha.A.S, Vipula Singh, "Wireless Compression of Hyperspectral Image by Integrating Pre Processing stage and Compression stage", National Conference, KSHITIJA- 2015 at SJCIT, 30th April 2015.
14. Deeksha P V, Smitha N, Vipula Singh, "Electromagnetic Wave Propagation Modeling of Soil for GPR", ICRBIT-2015, RNSIT, April 29-30,2015.
15. Shilpa, Shridhar S N," Design and Simulation of Horn Antenna for GPR Application", ICRBIT-2015,RNSIT, April 29-30,2015.
16. Sangeetha B G, "Performance studies on Ge1Sb2Te4", IEEE TENCON 2015, Nov 1st to 4th , Macau
17. Shylashree N, "FPGA Implementation of High Speed Scalar Multiplication for ECC in GF(p)", IEEE TENCON 2015, Nov 1st to 4th , Macau.
18. Narendra Kumar, "Labview Based Text To Speech Processor For Blind And Dumb People", International Academic Conference on Electrical and Electronics Engineering (IACEEE), 17th May 2015.
19. Narendra Kumar, "A Novel Method For Multiply Accumulate Operation Optimized For Hardware Implementation Using Vedic MAC",2nd International Conference on recent trends in Signal Processing, Image Processing & VLSI, Department Of Electronics and Communication Engineering, Don Bosco Institute Of Technology on 15th& 16th May,2015.
20. Narendra Kumar "Speech Recognised Calculator", ISRACE Second International Conference on Recent Advances In Science And Engineering (ICRACE-2015) Bangalore, 9th&10thMay 2015.
21. Narendra Kumar "A Novel Accumalate Method To Multiply Accumulate Operation", National Conference On Advanced Communication,VLSI Design & Signal Processing, NCCVS-15, Bangalore, 29th April,2015.
22. Prabhavathi C. N., "A Fast Adaptable Kalman Filtering Algorithm for speech Enhancement under Stationary Noise Environment", ICPCIT-2015,27TH-28TH April 2015.

23. Narendra Kumar “A Novel Based approach On Designing And Development Freezer Using Solar Radiation-A Hot Idea For Cooling”, National Conference On Advances In Mechanical Engineering, Department Of Mechanical Engineering Held at KSSEM, Bangalore, 28th April, 2015.
24. Sangeetha B G “Preparation and Switching studies on Binary Compound GeTe for memory applications”, 4th TCMPC 2015, 14-15 march 2015, GRIET, Hyderabad.
25. Archana R Kulkarni “Assigning nodes to Clusters in WSN based on Fuzzy Inputs of RSS, BE& BA”, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO)-2015, 24TH& 25TH JAN 2015

Journal

1. Varsha vatge, Ghousia Begum S, Vipula Singh, “ECG Signal Analysis”, International conference on Research in Business Management and Information Technology, Published in ELK Asia Pacific Journals, ISBN: 978-81-930411-5-4, April 22nd 2015.
2. Archana R Kulkarni, “Adaptable packet length for power hungry wsn”, IJERGS, volume 3 issue 2, March-April 2015 ISSN 2091-2730.
3. Suresh. D, Dr. B. Ramamurthy, Dr. S. Ravi, Dr. P. Thimmaiah, B. C. Premkumar “Image Based Heart Murmur Classification Using Acoustic Wave Pattern”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 15 (2015) pp 35627-35633
4. Suresh.D, Dr.B.Ramamurthy, Dr.S.Ravi, B.C.Premkumar, “Augmented Reality based heart murmur classification”, nternational Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 15 (2015) pp 35791-35796
5. Suresh. D, B. Ramamurthy, S. Rav, B. C. Premkumar, “IMAGE BASED HEART MURMUR CLASSIFICATION USINGHAMMING DISTANCE MEASURE”, VOL. 10, NO. 18, OCTOBER 2015 ISSN 1819-6608 ARPN Journal of Engineering and Applied Sciences.
6. B. C. Premkumar, Dr. P. Subbaiah, Dr. S. Ravi, Suresh. D, “Forked Embedded System Models for Automotive Airbag Control System”, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 12 (2015) pp. 31845-31854
7. B. C. Premkumar, Dr. P. Subbaiah, Dr. S. Ravi, Suresh. D, “Performance Improvement In Nonlinear Control System Using RTOS”, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 19 (2015) pp 40307-40314.

Textbook published

1. Narendra Kumar ,“Optical Fiber Communication”, 2nd Edition, August 2015, Excellent Engineer Publication.

Calendar year-2016

Conference

1. Prabhavathi, “Implementation of object detection algorithm using background subtraction technique”, NCETEC, April 22,2016.
2. Smita N, Dr Vipula Singh, “Clutter reduction techniques of ground penetrating radar for detecting subsurface explosive objects”, ICICES, IEEE, Chennai, 25th and 26th feb 2016.
3. Smitha N, Vipula Singh, S N Sridhara, “Pyramidal Horn Antenna for Ground Penetrating Radar Application”, INDICON 2016, IISC Bangalore, Dec 12th 2016.
4. Rajath Kumar M P, Nishanth N Bhonsle, Smitha N, S N Sridhara, Vipula Singh, ” An Efficient Algorithm for Peak Detection on B-Scan data generated using GPR”, IEEE International conference on Computer Communication and Informatics, ICCCI 2016.
5. Manjula V K, “SDR solution to IEEE 802.15.4 sub-1GHz band BPSK modem”, IEEE 3rd international conference on electronics and communication systems,25th to 26th feb 2016.
6. Prakash Tunga P, Dr Vipula Singh, “Extraction and Description of Tumour Region from Brain MRI using Segmentation Techniques”, 2016 IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology (RTEICT-2016),20-21 May 2016, SVCE, Bangalore.
7. B Ragashree, Leena C, “Preprocessing Techniques in Image Fusion”, National Conference on Recent Trends in Electronics and Communication 2016, GAT, Bangalore.
8. Manoj D, Leena C, “Wireless sensor Network for Environment Monitoring and Application”, G-TechExpo, Mandya, 2016.
9. B G Sangeetha, “Switching characteristics of Ge1Sb2Te4 thin film devices for NVRAM applications”, ILAFM 2016, Bangalore, Dec 20-22nd 2016.
10. Ohileshwari M S, “Performance Analysis of Low Power Subthreshold SRAM Memory”, ICACS, Coimbatore, Dec 12-13th 2016.
11. Suresh.D, B.C.Premkumar, “Detection of Heart Abnormality Using Image Based Heart Sound Signal With Augmented Reality”, International Conference on Advanced Material Technologies (ICAMT)-2016, Dadi Institute of Engineering and Technology (DIET), Visakhapatnam, Andhra Pradesh, India, 27th and 28th December 2016.

Journals

1. N Smitha, D R Ullas Bharadwaj, S Abhilash, S N Sridhara, Dr Vipula Singh, “Kirchhoff an F-K migration to focus ground penetrating radar images”, International Journal of Geo-Engineering, 2016, DOI 10.1186/s40703-016-0019-6.

2. N. Smitha, D. R. Ullas Bharadwaj, S. Abilash, S. N. Sridhara, Vipula Singh, "Effect of Ground Undulation and Variation in velocity of vehicle on Migration of SFCW GPR data for landmine detection", Exploration Geophysics Journal (CSIRO), Dec 2016.
3. Tejaswini, Narendra Kumar, "Autonomous Staircase Climbing Robot", International Journal of Advanced Computational Engineering and Networking, ISSN: 2320-2106, volume-4, ISSUE-6, june-2016.
4. Akshatha N, Narendra Kumar, Dr K B Ramesh, "Design and Development of a Primeval Medical Therapy using Applied Electronic Instrumentation by Analyzing Wrist Procurement for Monitoring Human Health Status", International Journal of Computer Science and Engineering, E-ISSN:2347-2693, volume-4, special issue-3, May 2016.

Textbook published

1. Narendra Kumar, "Digital Communication", March 2016, Excellent Engineer Publication.

Calendar year-2017

Conference

1. Leena C, "Comparison on Nonlinear filters for MRI Images", 2nd International conference on Electrical, Computer and Communication Technologies, Coimbatore, Feb 22-24, 2017.
2. B G Sangeetha, "Dynamic Response studies of GeTe devices for memory applications", ICMPC, Hyderabad, March 17-19, 2017.
3. Ibrar jahan, Rajini V Honnungar, Versha R, "Analysis of FBG Sensor for Accurate Pressure Sensing with Improved Sensitivity", 7th ICMPC-2017, Hyderabad, March 17-19, 2017.
4. Ibrar jahan, Rajini V Honnungar, Versha R, "Analysis and Sensitivity of FBG Sensor", ICREACT'17, Bangalore, march 16th, 2017.
5. Manjula V K, "Reconfigurable Software Defined Radio Modem For Personal Area Networks", IEEE Conference on Wireless Communications, Signal Processing and Networking, Chennai March 22-24th 2017.
6. Gayana P, Smitha N, "Detection of buried objects using GPR Image", International conference on Electrical, Electronics and communication, IRAJ-2017, Delhi, june 2nd, 2017.
7. Sourabh, Archana Kulkarni, "Porting a customized lightweight operating system on ARM", 18th june 2017.

8. Ashish Parate, Praveen G, "Human knee joint movement monitoring using wearable component", 3rd NCRTEC-2017, GAT, Bangalore, 12th may 2017.
9. Vidhyashree, Manjula V K, "Survey on I2C serial communication protocol", International conference on advances in science, engineering and Technology-2017, Rajiv Gandhi institute of technology, RGC campus, cholanagar, 24th april 2017.
10. Vinutha N, Nandhini K S, "RTP multiplexing scheme on a over IP Interface", International conference on advances in science, engineering and Technology-2017, Rajiv Gandhi institute of technology, RGC campus, cholanagar, 24th april 2017.
11. Swetha D, Usha B S, "Biometric for authentication", International conference on advances in science, engineering and Technology-2017, Rajiv Gandhi institute of technology, RGC campus, cholanagar, 24th april 2017.
12. Swathi H, Ibrar Jahan M H, "Implementation of ALU using GDI Technique", International conference on advances in science, engineering and Technology-2017, Rajiv Gandhi institute of technology, RGC campus, cholanagar, 24th april 2017.
13. Nisha S police patil, Mamatha A S, "Survey on design of IIR Filter", International conference on advances in science, engineering and Technology-2017, Rajiv Gandhi institute of technology, RGC campus, cholanagar, 24th april 2017.
14. Kavana S Nayaka, Sreenivasa Babu, "Implementation of Payload data packetizer using 8086 Microprocessor for IRS Satellite", International conference on advances in science, engineering and Technology-2017, Rajiv Gandhi institute of technology, RGC campus, cholanagar, 24th april 2017.
15. Pooja B M, Omprakash, Prakash Tunga P "Formalization of requirements in model based design and its benefits in critical system", national conference on advanced and recent trends in electronics and communication engineering, SKIT, Bangalore, 28th april 2017.
16. Jayashree, Narendra Kumar, "Reaearch on design and development of a missile testing device using virtual instrumentation", International conference on advances in science, engineering and Technology-2017, Rajiv Gandhi institute of technology, RGC campus, cholanagar, 24th april 2017.
17. Vinayak G, Narendra kumar, "Bi directional Li-Fi communication for transmitting data, audio and image" T.Jhon Institute of technology, 29th may 2017.
18. Bimlendu Shahi , Divya Jha, Dr. Dushyanth N D, Dr. Suresh D, "Asynchronous Approach for Network FaultManagement by Strongly Typed Genetic Programming", IEEE International Conference On Recent Trends In Electronics Information Communication Technology, May 19-20, 2017, India.
19. Vanitha K S, Uma S V, "Distributed Deniak of service : attack technique and mitigation", 2nd International Conference on circuits, controls and communications, RNSIT, Bangalore, 15th-16th December 2017.

20. Chethan S G, Prabhavathi C N, “Administration based network computing for enterprise system”, 2nd International Conference on circuits, controls and communications, RNSIT, Bangalore, 15th-16th December 2017.
21. Nandini K S, “A survey of spectrum sensing mechanisms in wireless cognitive radio network”, 14th IEEE India Council International conference, IIT Roorkee, 15th-17th December 2017.
22. Mamatha A S, Vipula Singh, “Joint source channel coding for hyper spectral Images”, 14th IEEE India Council International conference, IIT Roorkee, 15th-17th December 2017.
23. Smitha N, “Wavelet based Clutter Reduction of GPR Data”, 2nd International Conference on circuits, controls and communications, RNSIT, Bangalore, 15th-16th December 2017.

JOURNALS

1. Bimlendu Shahi , Divya Jha, Dr. Dushyanth N D, Dr. Suresh D, “Recent advances in optical network technologies and its role in telecommunication industry”, International Journal of Research, Recent Advances in Communication, Electronics & Electrical Engineering, Vol.5 (Iss.4: RACEEE), April, 2017, ISSN- 2350-0530(O), ISSN- 2394-3629.
2. Divya Jha, Bimlendu Shahi, Dr. Suresh D, Dr. Dushyanth N D , “Role of equipment management in optical transport network”, ”, International Journal of Research, Recent Advances in Communication, Electronics & Electrical Engineering, Vol.5 (Iss.4: RACEEE), April, 2017, ISSN- 2350-0530(O), ISSN- 2394-3629(P).
3. A S Mamatha, Vipula Singh, Rajath Kumar M P, “Significance of Pre-processing and its impact on Lossless Hyperspectral Image Compression”, The Imaging Science Journal, May 2017, Vol. 65, Issue 5, pp. 270-281, DOI: 10.1080/13682199.2017.1329791. ISSN: 1368-2199 (Print) 1743-131X (Online) Journal homepage: <http://www.tandfonline.com/loi/yims20>

Calendar year-2018

1. Ohileshwari M S, “Detection of stability faults in Sub-threshold SRAM cell using IDDT waveform”, 2nd international conference on Inventive systems and control, JCT college of engineering and technology, Coimbatore, 19-20th January 2018.
2. Soumya B, Dr. S V Uma, “Creation of Signature for Polymorphic Malware Variants using Needleman –Wunsch and Machine Learning”, International Conference on Circuits, Controls and Communication, CCUBE 2017, RNSIT, Bangalore, 15th-16th December 2017.

3. Praveen Kumar R S, Dr. S V Uma, "Analyzing and Comparing the Montgomery Modular Multiplication Algorithms in terms of Power, Area and Delay by using Encounter Compiler", National Conference on Emerging Trends in Engineering Science and Technology and Centre of Excellence in Signal Processing, RNSIT, Bangalore, 4th-5th May 2018.
4. Manojna C H, Dr SV Uma, "Smart Home's Garden Irrigation System: A Review", National Conference on Emerging Trends in Engineering Science and Technology and Centre of Excellence in Signal Processing. RNSIT, Bangalore, 4th-5th May 2018.
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