

**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY(Autonomous)
KANURU, VIJAYAWADA**

Department of Electronics and Communication Engineering

FACULTY RESEARCH PUBLICATIONS

2016-17

- i. **Dr C.Subba Rao**, Professor published a paper entitled “**Design of Low Profile Spiral antenna with Electromagnetic Band Gap Structure**” Proceedings of National Convention on Recent Advances in Microwaves, Antennas and Communications 1st -2nd July 2016, Organized by PVPSIT and The Institution of Engineers India, PP:33-37.
- ii. **Mr. J. Ravindra Babu**, Associate Professor, **Mrs D.Swati**, Assistant Professor published a paper entitled “**Performance Analysis of Adaptive MMSE in DS-CDMA Systems**” Proceedings of National Convention on Recent Advances in Microwaves, Antennas and Communications 1st -2nd July 2016, Organized by PVPSIT and The Institution of Engineers India.
- iii. **Dr C.Subba Rao, Professor** et.al presented a paper entitled “**Design of line source Antennas for the Generation of shaped beams without side lobes and Ripples**” in International Journal of Electronics, Electrical and Computational System, vol:5 Issue:8, PP:1-5, August 2016.
- iv. **Mrs. K. Anitha**, Associate Professor published a paper entitled, “**A Novel very low complexity asymmetric relay selection and Association for multi user multi relay MIMO uplink**” in International Journal for Modern trends in Science and Technology, Volume: 2, special issue: 1, October, 2016, PP:150-156.
- v. **Ms. T. Sushma**, Assistant Professor participated and presented a paper entitled, “**Memory Efficient SCAN de-coder of polar codes**” in International Journal of Scientific Engineering and Technology research during October 2016, Vol. No:05, Issue No:38.
- vi. **Dr. A. Geetha Devi**, Associate Professor published a paper entitled, “**Image Resolution and Contrast Enhancement using Wavelet Transforms and Contrast limited Adaptive**

Histogram Equalisation” in International Journal of Computer Science and information Security (IJCSIS) Vol.14, No:10, October, 2016.

- vii. **Dr. T. Haritha**, Associate Professor published a paper entitled, **“Mitigation of Synchronization Errors in OFDM system under frequency selective fading channels”** in International Journal of Scientific Engineering and Technology Research ISSN 2319-8885, Vol.5, Issue:38, PP:7938-7941 during October, 2016.
- viii. **Mr. B. Vinod Naik**, Assistant Professor, **Mr. J. Ravindra Babu**, Associate Professor, **Ms. D. Sravani**, II M.Tech published a paper entitled, **“IOT based patient health Monitoring System”** International Journal of Scientific Engineering & Technology, Research, ISSN No:2319-8885 Vol.5, Issue 35. October, 2016.
- ix. **Dr. K. Ramanjaneyulu**, Professor and **Ms. B.Usha Rani**, II M.Tech presented and published a paper entitled, **“Differential Space Time Frequency coding for MB-OFDM System”** in the Second International Conference on Aerospace Electronics Electrical, Communication and Instrumentation (ASECI-2016) held on 22nd and 23rd October, 2016. ISBN No: 978-81-923295-2-9 organised by VRSEC, Vijayawada.
- x. **Mrs.K.Aruna Kumari**,Sr. Assistant Professor, **Ms.Ch.Sri Lakshmi**, Assistant Professor and **Ms. M.Neelima**,II M.Tech presented and published a paper entitled, **“Improved Response of Genetic Simulated Annealing Algorithm for PAPR Reduction in OFDM System Using PTS Technique”** in the Second International Conference on Aerospace Electronics Electrical, Communication and Instrumentation (ASECI-2016) held on 22nd and 23rd October, 2016. ISBN No: 978-81-923295-2-9 organised by VRSEC Vijayawada.
- xi. **Dr. A. Geetha Devi**, Associate Professor published a paper entitled, **“Image Enhancement Technique using Lifting and Stationary Wavelet Transforms and Contrast limited Adaptive Histogram Equalisation”** in International Conference health, safety, fire environment, allied sciences Engineering conducted at Dehradun (Uttarakhand) on 18-19 November, 2016 (Springer Conference) (Indexed by Scopus).
- xii. **Dr. A. Geetha Devi**, Associate Professor and **Mr. B. Surya Prasada Rao**, Associate Professor published a paper entitled **“An effective method of Denoising of 2-D data**

using Adaptive kernel Bilateral filter” in International Journal of Scientifical Engineering Research (IJSER) Vol.7, Issue-11, November, 2016.

- xiii. Mr. M. Srinivasa Rao**, Associate Professor published a paper entitled, **“Robust Data Transmission using Turbo coded OFDM for LTE mobile system”** in International Journal of Scientific Engineering & Technology Research. ISSN No: 2319-8885, Issue:43, Vol:5, PP:8953-8956.
- xiv. Dr.K.Ramanjaneyulu**, Professor published a paper entitled, **"Design of Cascaded Hybrid Interleaver for Fast Turbo Coding and Decoding"** in proc. of Third International Conference on Computer & Communication Technologies (IC3T-2016) held on 28th& 29th October, 2016 at MIC College of Technology, Vijayawada. Published in Springer Advances in Intelligent Systems and Computing (AISC) series and Lecture Notes in Networks and Systems Series (LNNS).
- xv. Mr. Md. Habibulla**, Sr. Assistant Professor Published a paper entitled, **“Improvement Of Leach Protocol Using K-Angle Optimization In Wireless Networks”** in the “International Journal of Engineering in Advanced Research Science & Technology” (IJEARST) during Dec-ISSN 2278-2566.
- xvi. Mr. B. Surya Prasad Rao**, Associate Professor attended and presented a paper for **4th International Conference - IEEE ICACCS - 2017**, on **Advanced Computing and Communication Systems** at Sri Eswar College of Engineering, Coimbatore on 5th January, 2017.
- xvii. Mr. P. Venu Madhav**, Assistant Professor Participated and presented a paper on **“Octagonal CPN Structured SRF for low frequency applications”** organized by Dept. of ECE KKR & KSR Institute of Technology and Sciences, Guntur during 16th March, 2017 to 18th March, 2017.
- xviii. Dr. P. Rajesh Kumar**, Professor &HOD, et.al **“ Design of a Wide-Band Blade Monopole Antenna in 135-175 MHz Band”**, Progress in Electromagnetics Research Letters, Vol. 68, 25–32, 2017.

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FACULTY RESEARCH PUBLICATIONS

2015-16

International Journals

- 1. Dr. P. Rajesh Kumar, HOD & Professor**, et.al, "Hardware Efficient Scheme for Indoor Environment Using Grid Mapping " [British Journal of Applied Science & Technology](#), ISSN: 2231-0843 ,Vol 10, PP :1-14,July 2015.DOI : 10.9734/BJAST/2015/18607
- 2. Mrs. T. Haritha**, Associate Professor & **Ms. T. Sushma**, Assistant Professor published a paper entitled "A Compact UWB Array Antenna for on body communication – (IJESR)- International Journal of Engineering & Science Research, July 2015/ Vol:5/Issue-7/800-805 0 DOI:10.14299/00000
- 3. Mrs. T. Haritha**, Associate Professor & **Ms. T. Sushma**, Assistant Professor published a paper entitled "Reduction of Peak to average power ratio in OFDM Systems under generalized fading channels" (IJESR)- International Journal of Engineering & Science Research, July 2015/ Vol:5/Issue-7/806-811. DOI:10.14299/00000
- 4. Mr. Md. Habibulla**, Sr. Assistant Professor & **Mr. K. Phani Rama Krishna**, Assistant Professor etal published a paper on "Implementation of Deterministic Energy-Efficient Clusting Protocol" in Volume 3, Issue 07 July 2015 in IJSRE, ISSN No.2321-7545. DOI:10.14299/00000
- 5. Mrs. B. Swathi Lakshmi**, Assistant Professor, et.al Design & Simulation of a parabolic Reflector fed by orthomode transfer horn in IJSRE, Vol.3, Issue :8, P.P. 4300-4307 ISSN 2327-7545, Aug. 2015. DOI:10.14299/00000

6. **Dr. P. Rajesh Kumar, HOD & Professor**, et.al, "Fuzzy control for Person follower FPGA based Robotic system" in Indian Journal of Science and Technology, vol.8, PP:1-5, September 2015 DOI : 10.17485
7. **Mrs. A. Geetha Devi**, Associate Professor, et.al, published a paper entitled "Super Resolution Reconstruction in Mixed noise environment" in International Journal of Computer Applications, Vol.121, No: 12,PP:33- 41, July, 2015.DOI : 10.5120
8. **Dr. C. SubbaRao**, Professor, et.al, published a paper entitled "Analysis of EDGE Terminated wide band Biconical Antenna", Applied Computational Electromagnetics Society "ACES" journal vol.30, No:7,PP 804-809, July 2015. doi: 10.5455/aces.20150127120638;
9. **Dr. Ch. Gangadhar**, Associate Professor, et.al, published a paper entitled "Multiple Antenna Broad casting system using DSFPC-OFDM" Vol.8, 2015 IJSAE. DOI :
10. **Mrs. K. ArunaKumari, Sr. Assistant Professor & Ms. D. Swathi**, Assistant Professor published a paper on "Efficient data transmission between multi user CDMA histogram deloader" International Journal of applied sciences engineering and management, ISSN2320-3439 volume4, Issue:2, September 2015. DOI :10.5121
11. **Ms. D. Swathi**, Assistant Professor, **Mr. J. RavindraBabu**, Associate Professor Published a paper entitled "Performance And Comparison Of Linear Multi User Detectors in DS – CDMA Using Chaotic Sequence" International Journalof Advances in Engineering Research, Vol.10, Issue :3, September, 2015.DOI : 10.1007/S00146-004-0310-5
12. **Dr. Y.Ramakrishna**, Associate Professor, et.al, published a paper entitled "Non-Linear Gradient Descent Algorithm for Smart Antennas", International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol.3, No.9, September 2015, pp 8779-8785.DOI : 10.15680
13. **Mrs. K. ArunaKumari**, Sr. Assistant Professor, **Ms. D. Swathi**, Assistant Professor published a paper entitled "Energy Efficiency for MIMO-OFDM using Iterative Water

Filling Algorithm” International Journal of Research in Computer and Communication Technology, Vol:4, Issue No:9, P.P:719-722, September, 2015.DOI : 10.17706/IJCCE.

14. Mrs. K.Anitha, Associate Professor, et.al, published a paper entitled “Real Time Digital Signal Processing based on Optical OFDM”, International Journal of Research in Computer and Communication Technology, Vol.4, Issue No.10, October2015, p.p 879-884. DOI : 10.17706/IJCCE.

15. Dr. K. Ramanjaneyulu, Professor, et. al published a paper entitled “A Robust and Oblivious water marking method using wavelet transform and genetic algorithm” in International journal of Engineering & Computer Science Volume: 5, issued to ISSN: 2319-7242. DOI : 10.17950

International conferences

- 1. Dr.C.Subba Rao,** Professor, presented a paper entitled “An Octagonal Monopole Antenna for Ultra wide band Applications”, 13th International Conference on Electro Magnetic Interference and compatibility (INCEMIC- 2015) 22-23 July, 2015 PP551-554, Andhra University, Visakhapatnam.
- 2. Mr. B. Surya PrasadaRao,** Associate Professor presented a paper entitled “Contrast Enhancement of low dose citi scan images in springer International conference conducted by Noarul Islam college of Higher Education, Kumaracoil, Tamilnadu on 19th February, 2016.
- 3. Dr. K. Ramanjaneyulu,** Professor presented a paper entitled “A Robust and Oblivious water marking method using wavelet transform and genetic algorithm” in International conference on advances in Engineering Research (ICAER)-2016, Chennai on 21st February, 2016 organized by IAETSD.

International Journals

1. **Dr P.Rajesh Kumar**, M.Narendra Kumar, “High Accuracy Time-of-Flight Measurement Using DSP Techniques for Mobile Robots” International Journal of Electronics & Communication Technology, Vol 5 Issue SP-3, Jan-Mar 2014, pp. 45-49.
2. **Dr. P.Rajesh Kumar**, “A Novel Approach for Real-time Obstacle Avoidance in Indoor Environment with Hardware Architecture using Embedded Robot”, International Journal of Applied Engineering Research, Vol9, No24, (Scopus indexed) 2014.
3. **Dr. P.Rajesh Kumar**, “Hardware Efficient Scheme for Indoor Environment using Grid mapping”, British Journal of Applied Science and Technology (indexed by scopus), ISSN: 2231-0843, Vol 10, Issue 4, 2015. DOI : 10.9734/BJAST/2015/18607.
4. S. Davi and **Dr.K.Ramanjaneyulu**, “Coplanar Wave Guide inverted L Patch Antenna For Ultra Wide Band Applications”, International Journal Of Scientific Research And Education, Volume 3, Issue 3, Pages-3016-3021, 2015, (ISSN (e): 2321-7545).
5. **Dr. K. Ramanjaneyulu** et al., “Literature Review on Digital Image Watermarking” ICARCSET '15 Proceedings of the 2015 International Conference on Advanced Research in Computer Science Engineering & Technology (ICARCSET 2015), Eluru, Article No. 43, ACM International Conference Proceeding Series, March 6-7, 2015, (ISBN: 978-1-4503-3441-9 doi>[10.1145/2743065.2743108](https://doi.org/10.1145/2743065.2743108))
6. **J.Ravindrababu** et al., “Performance Improvement and Complexity Reduction in MC-CDMA System using Coding Techniques” Vol No. 10, Issue No.10, ISSN: 2320-9569, October 2014, pp--145–150.
7. **J.Ravindrababu** et al., “Interference and complexity reduction in multi stage multi-user detection” **Springer**: Wireless Personal Communications Vol No. 79, Issue No.02, ISSN: 0929-6212, November 2014, pp--1385–1400. (SCI Journal) DOI:10.1007.

8. **K.Anitha**, “High Accuracy Time-of-Flight Measurement Using DSP Techniques for Mobile Robots” International Journal of Electronics & Communication Technology, Vol 5 Issue SP-3, Jan-Mar 2014, pp. 45-49. DOI:10.4236.
9. **K.Anitha** “High Accuracy Range Measurement System” International Journal of Engineering & Science Research, Vol 4 Issue 9, Sept 2014, pp. 504-509.
10. **K.Anitha** “Low Complexity Range Measurement System” International Journal of Scientific Research and Education, Vol 2 Issue 11, Nov 2014, pp. 2362-2370.
11. **A.Geetha devi** and K.Tejaswini “A Novel Hybrid Algorithm for Tracking and Super Resolution Enhancement of a Moving Object”, International Journal of Emerging Trends in Electrical and Electronics (IJETEE – ISSN: 2320-9569) Vol. 10, Issue. 10, Oct. 2014.
12. **A.Geetha Devi** et al., “An Improved Super Resolution Image Reconstruction using SVD based Fusion and Blind Deconvolution techniques” International Journal of Signal Processing, Image Processing and Pattern Recognition Vol.7,No.1,2014,pp.283-298.
<http://dx.doi.org/10.14257/ijsip.2014.7.1.27>
13. **A.Geetha Devi. A** et al., “Super Resolution Reconstruction of Multiple Low Resolution Images Degraded by Impulsive Noise”, Discovery, 2015, Vol. 29(113), PP: 144-151. DOI=10.1.1.406.5119.
14. **K. Aruna kumari** “PAPR Reduction in OFDM Systems Of WLAN Using Optimization Techniques” International journal of emerging trends in electrical and electronics (IJETEE-ISSN:2320-9569), vol:10, Issue:11, Nov:2014.
15. **V.Ratna kumari**, “PAPR Reduction Method in OFDM System by using combined CAZAC Matrix Transform and Companding Technique”, IJSAE Journal vol2, Issue12, Dec 2014.

16. **B.Samuyelu** “Echo Noise reduction using dynamic selection of sub band adaptive filters,” IJRCCT, vol.4,issue 9, pp.714-718,2015.
17. **B. Swathi Lakshmi**, “Design and Simulation of a Parabolic reflector fed by Orthomode Transducer horn”, International Journal of Scientific Research and Education, Vol3, Issue8 2015.
18. **K.Phani Rama Krishna, Md. Habibulla**, “Resource Allocation for Cooperative Communication Using Game Theory”, International Journal of Scientific Research and Education, Volume/Issue:Vol.2 – Issue 11 (November-2014,), e-ISSN: 2321-7545.
19. **Md.Habibulla, K.Phani Rama Krishna**, ‘Performance Evaluation of Outage Behaviour of Cooperative Diversity in Wireless Networks’, International Journal of Scientific Research and Education, Volume/Issue: Vol.2 – Issue 11 (November-2014,), e-ISSN: 2321-7545.
20. **K.Phani Rama Krishna, Md.Habibulla**, “Resource Allocation for Cooperative Communication Using Game Theory”, International Journal of Scientific Research and Education, Volume/Issue:Vol.2 – Issue 11 (November-2014,), e-ISSN: 2321-7545.
21. **Md.Habibulla, K.Phani Rama Krishna**, “Routing Optimization in Mobile Ad-Hoc Networks through Cross-Layer Design” International Journal of Scientific Research and Education, Volume/Issue: Vol.3 – Issue 03 (March-2015,), e-ISSN: 2321-7545.
22. **Md.Habibulla, K.Phani Rama Krishna**, “Routing Optimization in Mobile Ad-Hoc Networks through Cross-Layer Design”, International Journal of Scientific Research and Education, Volume/Issue: Vol.3 – Issue 03 (March-2015,), e-ISSN: 2321-7545.
23. **Md.Habibulla, K.Phani Rama Krishna**, “Performance Evaluation of Outage Behaviour of Cooperative Diversity in Wireless Networks”, International Journal of Scientific Research and Education, Volume/Issue: Vol.2 – Issue 11 (November-2014,), e-ISSN: 2321-754.

24. P.Venu Madhav, “Design and Analysis of RF MEMS Switchable LPF” International Journal of Engineering & Science Research, IJESR Nov’14, Vol-4, Issue -11, pages 825-835.ISSN 2277-2685.

International conferences

- 1. Dr. P.Rajesh Kumar**, Professor & HOD, ”Residue Arithmetic’s using Reversible logic gates”,IEEE International conference on Devices circuits and systems(ICDCS-14),March 2014,coimbatore,Tamilnadu.
- 2. Dr.P.Rajesh Kumar**, Professor & HOD, “A Novel Approach in Implementation of Redenzuous Behavioural control between FPGA, Robotics”, International conference ARIS-2014 at Taiwan during 6th to 8th June 2014.
- 3. Dr.P.Rajesh Kumar**, Professor & HOD, “Person Follower Robotic System” , International Conference ICCICCT-2014, Kanyakumari, Tamilnadu, held from 10th July, 2014 to 11th July, 2014 and Received “Best paper Award”.
- 4. Dr. P.Rajesh Kumar**, Professor & HOD, “Robotic System with Fuzzy logic for Person following”, International Conference on Electrical, Electronics, Signals, Communications and Optimization (EESCO)24th to 25th JAN,2015,Vizag,A.P.
- 5. Dr. P.Rajesh Kumar**, Professor & HOD, “A Novel Approach in navigation of FPGA Robots in Robust Indoor Environment”, Advanced Robotics and Intelligent systems (ARIS-2015)Taipei,Taiwan-2015,International IEEE Conference on 29th to 31st may,2015.
- 6. Dr. K. Ramanjaneyulu**, Professor, “Performance of Turbo coded OFDM System”, 3rd International conference on Innovations in E.C.E(ICIECE2014),18th & 19th July 2014.

7. **K. Anitha**, “A Robust Ultrasonic Distance Measurement System with Discrete Extended Kalman Filter”, Proceedings of the International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO) 24th & 25th Jan 2015.
8. **A. Geetha Devi**, “A Novel Hybrid Algorithm for Tracking & Super Resolution Enhancement of a Moving Object”, International Conference on Electrical & Electronics Engineering Trends Communication, Optimization and Sciences (EEECos) 11th – 12th October 2014, at Dhanekula Institute of Engineering & Technology, Vijayawada, A.P. India.
9. **A. Geetha Devi**, “Super Resolution Reconstruction of Multiple Low Resolution Images Degraded by Impulse Noise”, International Conference on Electrical & Electronics Engineering Trends Communication, Optimization and Sciences (EEECOS) 11th – 12th October 2014, at Dhanekula Institute of Engineering & Technology, Vijayawada, A.P. India.
10. **A. Geetha Devi**, “A hybrid super resolution technique using adaptive sharpening filter based on kernel regression for restoration”, ICCNT-14, at Mepcoshlenk engineering college, Sivakasi, Tamilnadu held on 18th& 19th December 2014
11. **A. Geetha Devi et al.**, “A Hybrid Super Resolution Technique using Adaptive Sharpening Algorithm based on Steering kernel regression for restoration”, International Conference on Communication and Network Technologies (ICCNT’14) IEEE International Conference on, pp:84-89, Dec.18-19, 2014.
OI:10.1109/CNT.2014.7062730.
12. **T. Sushma**, “Morphological Border based sorted pixel value difference-A Data hiding Technique”, International Conference on Electrical & Electronics Engineering Trends Communication, Optimization and Sciences (EEECos) 11th – 12th October 2014, at Dhanekula Institute of Engineering & Technology, Vijayawada, A.P.

National Journals

1. **Ch.Gangadhar**, “A Secure Scheme for Multiple Images Transmission and Its VLSI Realization”, IETE_GTECT September 28-29, 2013.

International Journals

1. B.V. Lakshmi and **C.Subba Rao**, “A Water Marking Algorithm Based on HT-DWT-TGF for Security Applications,” International Journal of Advanced research in Computer Engineering and Technology, Vol.2, Issue 12, Dec.2013. DOI:10.4236.
2. **Dr. K. Ramanjaneyulu** et al., “Robust and Oblivious Image Watermarking Algorithm Based on Discrete Cosine Transform,” International Journal of Computer Science information and Engineering Technologies, IJCSIET, ISSUE3, VOLUME2, SERIES3, 2013.
3. **Dr. K. Ramanjaneyulu**, et al., “Robust and Oblivious Watermarking based on Swapping of DCT Coefficients,” International Journal of Application or Innovation in Engineering management (IJAIEM), Volume 2, Issue 7, 445-453, 2013/
4. **Dr. K. Ramanjaneyulu** et al., “Location Identification in Mobile Wireless Distributed Sensor Networks using Anchor Nodes,” International Journal of Computer Science information and Engg., Technologies, IJCSIET, ISSUE3, VOLUME3, SERIES3, 2013/
5. **Dr. K. Ramanjaneyulu** et al., “Digital Fingerprinting In Encrypted Domain”, International Journal Of Computers & Technology (IJCT), Volume 12, Issue 1, 3138-3146, 2013.

6. **K. Ramanjaneyulu**, B. Rakesh Reddy, P. Pandarinath, “Robust and Oblivious Image Watermarking Algorithm based on Discrete Wavelet Transform”, *Inventi Rapid: Image & Video Processing*, Volume 2014, Issue 2, 1-6, 2014.
7. **Dr.K. Ramanjaneyulu** et al., “A Novel Adaptive Beam forming RLMS Algorithm for Smart Antenna System”, *International Journal of Computer Applications (IJCA)*, Volume 86, Issue 5, 27-32, 2014. doi=10.1.1.429.2098.
8. **J.Ravindrababu** and Dr.E.V.Krishna Rao, “ Performance comparison of spreading codes in linear multi user detectors for DS-CDMA system” world scientific and engineering academy and society (WSEAS) *Transactions on communications* Vol No. 12, Issue No. 02, ISSN: 2224-2864, February 2013, pp--52 – 62. (Scopus & H-Index).
9. **J.Ravindrababu** and Dr.E.V.Krishna Rao “Performance Analysis, improvement and complexity reduction in Multi stage Multi-User Detector with parallel interference cancellation for DS-CDMA System Using odd kasami sequence” world scientific and engineering academy and society (WSEAS) *Transactions on communications* Vol No. 12, Issue No.04, ISSN: 2224-2864, April 2013, pp--133 – 142. (Scopus & H-Index).
10. **Haritha.T** et al., “Performance Evaluation of Non-Linear Equalizer using different Modulation Techniques.”, *International Journal of Computer Applications (IJCA)* Volume 71 Issue 20 June 2013.DOI: 10.5120.
11. **Y. Ramakrishna**, et al., “A Novel Hybrid Adaptive Algorithm for Improvement of Mean Square Error Convergence”, *International Journal of Systems, Control and Communications*, Vol. 6, No. 1, June 2014, pp. 59 - 68. DOI: 10.1504/IJSCC.2014.062804. Inderscience Publishers, ISSN: 1755-9340 (Print), 1755-9359 (Online). doi>10.1504.

12. **K.Anitha, Dr P.Rajesh Kumar** et al., “Novel Approach of Stationary & Non Stationary Implementation of NLMS & RLMS Algorithms for Suppression of Noise in Cardiac Signals”, International Journal of Engineering Research and Applications, Vol. 3, Issue 6, Nov-Dec 2013, pp.1022-1025.
13. **A.Geetha Devi**, et al., “An Improved Super Resolution Image Reconstruction using SVD based Fusion and Blind Deconvolution techniques” International Journal of Signal Processing, Image Processing and Pattern Recognition Vol.7, No.1 (2014), pp.283-298.
<http://dx.doi.org/10.14257/ijcip.2014.7.1.27>.
14. P. Sanjay Krishnamal, **B. Surya Prasada Rao , Dr.P. Rajesh Kumar** “Image Fusion on Ratio Images for Change Detection in SAR Images Using DWT and PCA” Int. Journal of Engineering Research and Applications ,ISSN : 2248-9622, Vol. 3, Issue 6, Nov-Dec 2013, pp.1242-1246.
15. **Mrs V.Ratna kumari**, “A Novel approach to Reduce Average Spectrum Distortion in pitch alteration Technique using Gaussian Method” in IJERA Journal Vol3, Issue 6, Nov-Dec 2013.
16. **B. Samuyelu**, “Adaptive Noise Cancellers for Corrupted Electro cardiac signals,” IJRECE, vol.2.0, issue 5, pp. 590-596, July, 2014.
17. Sk. Mastan Vali, **B. Samuyelu** and J. Kiran Chandra Sekhar, “Generation of New Complementary and Sub complementary pulse Compression code sequences,” IJERT, vol.2.0, issue 11,pp. 3933-3938, Nov,2013.
18. **K Phani Rama Krishna, Habibulla Md**, “A Novel Approach of Rayleigh Fading Channel and MIMO Multiple Relay Assignment in OFDM-based System using amplify-and-forward (AF) Relay Strategies”, International Journal of Engineering of Engineering Research & Technology, Volume/Issue: Vol.2 - Issue 11 (November - 2013),e-ISSN: 2278-0181.

National conferences

1. **J.Ravindrababu** et al., “Performance Analysis of Adaptive MMSE in DS-CDMA system ” National conference on Wireless Communications & Sensor Networks Organized By Sensor Network Research Group Department of Electronics & Computer Engineering March 7th & 8th 2014.
2. **K.Anitha, Dr P.Rajesh Kumar** et al., “High Accuracy Time-of-Flight Measurement Using DSP Techniques for Mobile Robots” National Conference on Research Issues and Research trends in Electronics and Communication Engineering (NCRRECE-2014) 24th & 25th Jan 2014.
3. **P.Venu Madhav, M.Sivaganga Prasad** “A New Geometrical Design of Octagonal Fractal Microstrip Patch Suitable For mobile & Wi-Max Applications” National conference on Research issues and recent trends in electronics and communication engineering NCRRECE2014, CR Reddy College of Engineering, Eluru. 24th and 25th January, 2014. IJECT Vol. 5, Issue Spl - 3, Jan - March 2014, ISSN : 2230-7109 (Online) | ISSN : 2230-9543 (Print) 66.

International conferences

1. **Dr. P.Rajesh Kumar**, “Implementation of Shortest path Planning Algorithm without Track using FPGA Robot: A New Approach”, Advance Electrical Engineering(ICAEE), 2014, International IEEE Conference on 9-11 Jan 2014.
2. **C.Subba Rao** et al., “Design of Linear Biconical Antenna Array for the Generation of Trapezoidal Pattern,” 34th Progress in Electromagnetics Research (PIERS), Stockholm, Sweden, August, 2013.

National Journals

1. **C.Subba Rao** & A.Sudhakar, “Biconical Linear Array Analysis for Non-Uniform Amplitude Excitation Methods,” ARPN Journal of Engineering and Applied Sciences, Vol.6, No.4, pp.91-97, April, 2011.
2. **C.Subba Rao** & A.Sudhakar, “Generation of Sector Beam with Biconical Linear Antenna Array,” ANU Journal of Engineering and Technology, Vol.2 No.2, pp. 1-4, December, 2011.
3. **J.Ravindrababu, P.Venumadhav**, and Dr.E.V.Krishna Rao “Low Complexity Multi-user detection in DS-CDMA Using DFE”. i-manager’s Journal on Electronics Engineering (JELE) Vol.1,No.3 March – May’2011,pp—10-13, ISSN :2229-7286.
4. **Haritha.T**, et al., “Frequency Offset Estimation in Coherent OFDM Systems using different fading channels” ARPN Journal of Engineering and Applied Sciences VOL. 7, NO. 6, JUNE 2012 ISSN 1819-6608.
5. **Ch.Gangadhar**, “Discrete Wavelet Transform and Modified Chaotic Key-Based Algorithm for Image Encryption and Its VLSI Realization”, IETE Journal of Research, Vol 58, Issue 2, March-April.
DOI:10.4103/0377-2063.96180

International Journals

1. **Dr P.Rajeshkumar, K.Anitha** et al., “Modified Maximum A Posteriori Algorithm for Iterative Decoding of Turbo Codes”, International Journal of Engineering Science and Technology(ISSN 0975-5462), Vol 3, No. 8, PP6609-6615 Aug 2011.

2. **Dr.P.Rajesh Kumar**, et al., “Enhanced Image Transmission using Iteration Denoising Algorithm Combined with Turbo Codes”, International Journal of Engineering Science and Technology(ISSN 0975-5462), Vol 3, No. 8, PP 6718-6725 Aug 2011.
3. **Dr P.Rajesh Kumar** et al., “Time of Flight Measurement for Ultrasonic sensors using Digital Signal Processing Techniques”, International Journal of Electronics and Communication Technology, pp267-270,Dec 2011.
4. **C.Subba Rao** & A.Sudhakar,“High Gain Ultra Wide band Biconical Antenna Array,” Association for the Advancement of Modeling & Simulation Techniques in Enterprises (AMSE)-France, Vol.83, No.1, Issue:1, pp 68-78, Feb.2010.
5. **C.Subba Rao** & A.Sudhakar, “Biconical ring antenna array for wide band applications,” International Journal of Engineering Science and Technology, Vol.4, Issue 2, pp.758-763, Feb.2012.
6. **C.Subba Rao**, “An Improved Quasi-Orthogonal Space-Time Block Codes for Diversity Reception in Wireless Communication,” International Journal of Engineering Research and Applications, Vol.2, Issue3, June 2012, pp2005-2008.
7. **C.Subba Rao** & V.L.Bhavani Maddirala, “Analysis of Smart Antenna Beamformer Characteristics using CMA and DMI,” International Journal of Scientific and Engineering Research, Vol.3, Issue 7, pp.1-3, July-2012.
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