

EASWARI ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY JOURNAL PUBLICATION 2017-2018 DETAILS

- [1]. B. Suseela and **D. Sivakumar**, “Cognitive radio and its impact of throughput with channel optimization techniques,” J. Comput. Theor. Nanosci., vol. 14, no. 1, pp. 430–434, 2017.
- [2]. **Dr.D.Sivakumar** and H.Amra Jeelani Bijli, “A Study on Extending Digital India To Rural Areas using UHF-TV White Spaces,” International Journal of Multidisciplinary, vol.3, issue no.2, pp.1-5, 2017.
- [3]. **Dr.D.Sivakumar** and N.Legapriyadharshini, “ Smart Mesh Networking City by New Method,” Asian Journal of Engineering and Applied Technology,” Vol. 6 No. 1, 2017, pp.19-22.
- [4]. T.N.Suresh Babu and **Dr.D.Sivakumar**, “ Design and Analysis of Microstrip Slot Patch Antenna,” International Journal of Engineering Technology, Management and Applied Sciences, Volume 5, Issue 6, pp 319-322, June 2017.
- [5]. **D.Sivakumar** and J.P.Srividhya,” Pre quality indices analysis using empirical wavelet transform and rational dilation waveform,” Journal of computational and theoretical nano science, Vol 14, pp 3220-3226, 2017.
- [6]. K Deepak kumar and **Dr. D Siva kumar**, “ Adaptive Boundary Estimation Algorithm For Spectrum Sensing In Cognitive Radio Networks,” International Journal of Advance Research and Innovative ideas in education, Vol-3 Issue-3, pp 3517-3523, 2017.
- [7]. **D.Sivakumar** & Mohanarangan,” Congestion control through Policy Based Scheduling algorithm,” Journal of computational and theoretical nano science, Vol. 14, Issue 9, pp 4315–4319, June 2017.
- [8]. V. Murugan and **D. Sivakumar**, “An Efficient PTS Scheme with Integrated PSO-GA Algorithm for PAPR Reduction in MIMO-OFDM”, Journal of Adv Research in Dynamical & Control Systems, Issue:11, pp 775-784, 2017.
- [9]. S. Mohanarangan and **D. Sivakumar**,” Issues and challenges of TCP congestion control in Mobile Adhoc networks”, International Journal of Innovations & advancement in computer Science, volume 6, issue 6, pp 277-287, June 2017.
- [10]. **Dr.D.Sivakumar**, “Integrated PTS and OSLR (IPTS-OS-LR) Technique for Reducing PAPR in FBMC-based OQAM Systems of MIMO-OFDM”, Journal of Electrical Engineering, 2018. (In Press)

- [11]. **Dr.D.Sivakumar** and C.Sri venkateshwaran,”Secure Cluster Based Data Aggregation In Wireless Sensor Networks With Aid Of ECC”,International Journal of Business Information Systems,2018.(In Press).
- [12]. **Hema.R**, Sofia Rose.S and **Dr.Sudha.S**, “Performance Analysis Of Localization Algorithm For Energy Efficient Node Deployment In Underwater Acoustic Sensor Networks”, International Journal of Mechanical Engineering and Technology, Volume 8, Issue 11, pp. 385–393, November 2017.
- [13]. **Hema.R**, Sofia Rose.S and **Dr.Sudha.S**,” Comparative Study Of Localization Algorithm With Tetrahedron Deployment Scheme In Underwater”, International Journal Of Electrical And Electronics Engineers,volume 9,issue no:1,pp 1552-1562,2017.
- [14]. Karunya.M and **Dr.K.Rahimunnisa**, “Breast Cancer Segmentation And Classification Using Adaptive Clustering Technique”,pp 182-198, 16th April 2017.
- [15]. Mercy Bernadette J, **B. Jesvin Veancy**, P. Yogesh,” Performance Improvement For LTE-OFDM System With MIMO Beam forming”, International journal of Advance Research in Science and Engineering ,Vol.6 , Issue 4, pp 175-186, 16th April 2017.
- [16]. **Jesvin Veancy.B** and Prasanna Venkatesh,” Progressive Parrallel Interference Cancellation in MIMO OFDM system”, International journal of Advance Research in Science and Engineering Vol.7 , Issue 1, Jan 2018.
- [17]. **D.Jessintha** and D.Kannan, “Pseudo Pipelined Coordinate Rotation Digital Computer Discrete Cosine Transform Architecture for Image Compression”, Journal of Computational and Theoretical Nanoscience, Volume 14, Number 8, pp. 3758-3763(6). August 2017.
- [18]. **R.Senthamizhselvi** and G.R.Suresh,” A New Hybridized Speech Enhancement Technique for Stationary and Non-Stationary Noisy Environments”, Journal of Computational and Theoretical Nanoscience, Volume 14, Number 12, pp. 5934-5941(8), December 2017.
- [19]. **K.Abirami** and Malligai Selvi.S,” Discrete Wavelet Transform Based Optoelectronic Water Mark Technology”, International Journal of Emerging Trends in Science and Technology, Vol.04,Issue:02,Pages 4964-4969,February-2017.
- [20]. S.Shanthi and **K.Abirami**, “Optimization of Leach Protocol in Wireless Sensor Networks”, International Journal of Advanced Research in Science and Engineering , Volume n0-07,Issue No-02,February 2018.
- [21]. **A.Usha**, Nijisha Shaji and M. Sasikala,” Automatic Anisotropic Diffusion Filtering and Graph-search Segmentation of Macular Spectral-domain Optical Coherence Tomographic (SD-OCT) Images”, Current Medical Imaging Review ,volume 13,2017.
- [22]. Archanaa. S and **A.Usha**,” Segmentation of OCT image by graph cut technique and classification by SVM classifier”, International Journal of Electrical & Electronics Engineers, vol no :9, issue no:1,pp 1431-1440,Jan 2017.

- [23]. **A.Ponraj** and S. Elakshumi,” A server based load pattern analysis of smart meter system using internet of things”, Journal of Emerging Technologies and Innovative Research(JETIR), Vol.4, No.6, pp 28-35,Jun 2017.
- [24]. **B. Arivuselvam** ,B.Omika, and **S.Sudha**,” Removal of Impulse Noise in Image Using Reduced Simple Edge Preserving Denoising Technique”, International Journal of Emerging Trends in Science and Technology, Vol.04,Issue no :05,pp no :5176-5179,May-2017.
- [25]. **S.UmaMaheswari**,” Lossless Medical Image Compression Algorithm Using Orthogonal Moment Transforms”, Advanced Research in Electrical and Electronic Engineering,2017.
- [26]. **S.UmaMaheswari**,” Speckle noise removal using framelet decomposition”, International journal of Fronteiras 2017.
- [27]. **Bindu Babu** and **Ammu Abirami**, “Can Protocol Based Vehicle Brake Control System At Slope”, International Research Journal of Engineering and Technology, Volume: 05 Issue: 01,Jan2018.
- [28]. **Gophika Thanakumar**, “An Automatic Detection System for Entry of Wild Animals”, International Journal on Recent and Innovation Trends in Computing and Communication, PP: 1324 – 1326. May 17 Volume 5, Issue 5.
- [29]. **Gophika T**,” Comparative Analysis On Existing Animal Intrusion Detection System”, International Journal Of Scientific Research And Review, vol 7,issue 1,2018.
- [30]. Bhairavi .M Shriya .S, **Suriykrishnaan .K**, Thenmozhi .S,” Improved Health Monitoring Using Location Aware Sensor Routing Protocol”, International Journal of Advance Research, Ideas and Innovations in Technology, Volume no :3,Issue no :2,2017.
- [31]. **Dr.K.S.Thivya** and **K.Suriykrishnaan**,” An Efficient Data Hiding Approach On Digital Colour Image For Secret Communication” International Journal Of Innovations In Engineering And Technology , Volume 8 Issue 2 April 2017.
- [32]. V.Yamuna, **P.Meenakshi Vidya**, **S.Sudha**,” Design of Power Efficient Double Edge Triggered DLL Clock Generator”, International Journal of Emerging Trends in Science and Technology, Vol.No :04,Issue No :06,Pages 5257-5260,June-2017.
- [33]. V.Yamuna, **P.Meenakshi Vidya**, **S.Sudha**,” Design of Low Power Double Edge Triggered Phase Detector For DLL Clock Generators”, International Journal for Research in Applied Science and Engineering Technology, Vol 5, Issue no : 1, January 2017.
- [34]. **R.Senthamizh** ,G.R.Suresh and S.Kanaga suba Raja,” Speech Enhancement Using Harmonic-Model with Multichannel Wiener Filter”,Journal of Advanced Research in Dynamical and control systems, Volume: 9, Issue: 2,pp: 48-54,2017.
- [35]. **P.Meenakshividhya**, A.Rajarajeshwari,T.S. Rajaram, Anuradha Ravi and **S.Sudha**,” Performance analysis of conventional 9T –SRAM cell”,International journal of scientific research and review, Volume 7,Issue 2,pp 385-389,2018.

- [36]. K. Sherin Banu, J. Sonaa, T. Shanmuga Priya, **P. Bini Palas**, “Advanced Guiding Tool for the Selection of Tools,”. International Research Journal of Engineering and Technology, vol. 5, issue 3, March 2018.
- [37]. Vidhya K.B., **K.Suriyakrishnaan**, **Dr.D.Sivakumar**, Shalini singh ,S.Supretha, “Retrieving Web Pages via short message service” ,International Research journal of Engineering and Technology, Vol :05,Issue: 03,March 2018.
- [38]. Deephika.S,**Suriyakrishnaan.K**, **Sivakumar Dandapani**,Harini,Barakath Jabeen.N, “Efficient Network System Using WBAN For Medical Applications”, International journal of Innovations in Engineering and Technology”, Vol ;9,Issues :4,March 2018.
- [39]. **Usha. A**, Nijisha shajil and Sasikala.M, “Automatic Anisotropic Diffusion Filtering and Graph-search segmentation of Macular Spectral-domain Optical Coherence Tomographic (SD-OCT) images”, accepted in & Current Medical Imaging Reviews & quot; (Annexure I Journal) after independent peer review. Reference#: BSP-CMIR- 2017-664, on 28 Nov 2017.
- [40]. **Usha. A**, Muthu Krishnan, Monish Raj, Lokesh,“ Automatic Segmentation and classification of retinal fluids in optical coherence tomography Images” accepted in International journal of scientific research and review (IJSRR).ISSN NO.2279- 543X, 5 Apr 2018.
- [41]. Archanaa. S, **Usha. A**, “Segmentation of OCT by Graph Cut Technique and Classification by SVM Classifier” in “International Journal of Electrical and Electronics Engineers”, Vol. 9, Issue No. 01, January – June 2017.
- [42]. **Dr.D.Sivakumar**, M.Vaitheeswari,S.Shanmathi , K.M.Sanjutha “Study Of An Adaptive Model For Railway Monitoring System Using Ieee Standards”, International Journal of Innovations in Engineering and Technology DOI:10.21172/ijiet.94.13,ISSN: 2319-1058, Volume 9 Issue 4 March 2018, PP:84-85.
- [43]. **Dr.D.Sivakumar** ,Hari nagarajan & Prashal,” IOT Based Battery Management System”, International Journal of Applied Engineering Research (In press).
- [44]. **B. Arivuselvam**, **S.Sudha**, M.Manoj kumar “A Low Cost Implementation for Efficient Removal of Impulse Noise in Image Using Simple Edge Preserve Technique” International Journal of Engineering Research & Technology- Vol.07, Issue :02 Pages 294-297, Feb 2018,ISSN 2278-0181.
- [45]. **B.Arivuselvam**, N.Niveditha ,Niveditha.R , Pavithra.R “Detection of Hydrocarbon from Earth Surface” International Journal of Scientific Research and Review Volume 7,Issue 3, March 2018 IC ISSN: 2279-543X.
- [46]. Jeba Saral Darling E ,**D.Jessintha**, NMOS Logic Based Clock Gating For Type Matched Gated Clocks, in International Journal of Pure and Applied Mathematics , Vol 119,Issue No 07, pp.1139-1143,2018.

- [47]. R. Ramya Dharshini, **R. Senthamizh Selvi**, G.R. Suresh , S. Kanaga Suba Raja, “Enhancement of Speech Intelligibility and Quality in Hearing Aid using Fast Adaptive Kalman Filter Algorithm”, IJEE, VOL. 9, Issue. 01, 2017.
- [48]. R.Aisha tabassum, V.aswinipriya,SP.Aswini nagammai, **J.Gurumurthy**, “Smart ignition by auto-silencing of android phones” International journal of engineering trends and technologies(ijett)-volume 56, Issue:02-february 2018.
- [49]. S.hansika , Akshaya rajeswari, **J.Gurumurthy**, “Evaluation of kinematic walker for domestic duties” International journal of engineering trends and technologies(ijett), Volume 9, Issue 4, March 2018.
- [50]. **R.Hema**,M.Kruthikaa,Deevi Reshma ,N.Dhanush,”Ship Monitoring System using LIFI Technology”, International Journal of Scientific Research and Review, Volume 7, Issue 3,March 2018.
- [51]. T.Premaharsha, **A.T.Madhavi** , “INTELLIGENT BUS QUERY SYSTEM” International Journal of Advanced Technology in Engineering and Science(ISSN 2348-7550) Vol 05, Issue 05, May 2017.
- [52]. **A.T.Madhavi**, R.Sundar, “SENSOR BASED SPECTACLES, WAIST BELT AND FOOTWEAR FOR VISUALLY IMPAIRED PEROPLE” International Journal of Civil Engineering and Technology (ISSN online :0976) Volume 08, Issue 06, June 2017.
- [53]. R.Sundar, **A.T.Madhavi**, “IMPLEMENTATION OF ETHERNET BASED MONITORING AND CONTROLLING SYSTEMS” International Journal of Pure and Applied Mathematics (ISSN online :1311 -8080) Volume 114, Issue 12, 2017.
- [54]. **A.T.Madhavi**, R.Sundar ,” “CHALLAN FILLING SYSTEM IN BANKS FOR VISUALLY IMPAIRED AND ILLITERATE PEOPLE” International Journal of Advanced research in Dynamical and Control Systems, (ISSN online :1943) Volume 09, Issue 09, September 2017.
- [55]. S.K.Amizhtan, S.Arshat Ali, **A.T.Madhavi** "SURVEY ON CLASSIFICATION AND LOCALIZATION OF DISCHARGES IN POWER APPARATUS" Journal of Electrical and Power System Engineering,2018.
- [56]. S.Venkatagiri, D.Vijay kumar, **A.T.Madhavi** “ DESIGN OF HIGH EFFICIENCY MAXIMUM POWER POINT TRACKING BASED SOLAR INVERTER” International Journal For Scientific Research And Development, Volume 6,Issue 2,in Apr 2018.