

CONFERENCE PUBLICATIONS

(2017-18)

AUTO

- [1]. **M. Muniyappan**, “Investigation on effect on nanofluids in biofuel based diesel engine” 3rd International conference on innovative design analysis development practices in aerospace and automotive engineering, 2018.
- [2]. **P.Senthil Kumar**, Sharath Rajagopalan and R. Akshay Venkata Subramanian, “Efficient Traffic Handling & Traffic Signal Rules Alert System Using Thermographic Camera And Image Capturing” 37th IRF International Conference, 10th September 2017, Bangalore, India.

ECE

- [3]. **B.Jesvin veancy**, “Crop Diseases Detection using Image Processing”, International conference on automation and computing technologies-(ICACT-18), March 17, 2018.
- [4]. **R.Senthamizh Selvi**, “Embedding data in audio signals using HSAEMD Algorithm”, Third IEEE International Conference on Science Technology Engineering & Management (ICONSTEM). 2017.
- [5]. **R.Praveen Kumar**, “ A Novel Report on Architecture, Protocols and Applications in Internet of Things (IOT)”, IEEE Coimbatore – JCT, ICISC – 2018.
- [6]. **A.Ponraj** and S.Elakshumi, “A server based load analysis of smart meter systems”, Nextgen Electronic Technologies: Silicon to Software (ICNETS2), 2017 International Conference.
- [7]. **P.Meenakshividhya**, Afreen shahanaz, Bavithra and S.Sudha, “A smartphone Based self management system for Real time health and medication monitoring ,” International conference on engineering and advancement in technology held on 22nd and 23rd , March 2018.
- [8]. K. Sherin Banu, J. Sonaa, T. Shanmuga Priya, **P. Bini Palas**, “Advanced Guiding Tool for the Selection of Tools,” in NCITET’18. National Conference on Innovative Trends in Engineering and Technology, March-7 2018.

- [9]. V.Shruthi, **N.Vidhyalakshmi** "Smart Wearable Integration with Connected Car" IEEE international conference on Current trends towards converging technologies,01-03 March 2018.
- [10]. V.Shruthi, **N.Vidhyalakshmi** "Wearable Integration with Connected Car" International Conference on Science and Innovative Engineering ICSIE 2018,01 April 2018.
- [11]. Mercy Bernedette,**JesvinVeancy**, B & Yogesh, P , 'Performance Improvement in LTE-OFDM System with MIMO Beamforming' in the 5 th International Conference on Recent Development in Engineering Science, Humanities and Management held on 16 th April 2017, pp. 175-186.
- [12]. **B.JesvinVeancy** & PrasannaVenkatesh has presented a paper entitled "Progressive Parallel Interference Cancellation in MIMO OFDM system" in then First International Conference on Next Gen Technologies 2018 organised by Sengunthar Engineering college held on 5th and 6th Jan 2018.
- [13]. **B.JesvinVeancy** ,R.Subhashini & B.Subha has presented a paper entitled "Crop disease detection using Image Processing " in the International Conference on Automation and Computing Technologies(ICACT- 18) organised by the Velammal Institute of Technology held on 17 th March 2018.
- [14]. **JesvinVeancy.B** , & K.Harshini has presented a paper entitled "Verichip" in the National conference on Innovative Trends in Engineering and Technology 2018 organised by the Jeppiaar Institute of Technology held on 7 th March 2018.
- [15]. Archanaa. S, **Usha. A**, "Segmentation of OCT by Graph Cut Technique and Classification by SVM Classifier" in 5nd International Conference on " Recent Development in Engineering Science, Humanities and Management" held on 16th April 2017 at National Institute of Technical Teachers Training & Research, Chandigarh, India.

- [16]. **B. Arivuselvam**, Dhivakar, S.Sudha “Efficient Segmentation of MRI Brain Image by modified Fuzzy C means clustering algorithm”-International conference on Recent Trends in Engineering & Technology, May 2017.
- [17]. **K.Abirami** , N.Priyadharshini S.Kiruthika, U.Pavithra, has presented a paper entitled “ Aadhar-Payment System: Cashless & Cardless Transaction System Using Integrative Qr Based Payment System Using Aadhar” in the National conference on Innovative Trends in Engineering and Technology 2018 organised by the Jeppiaar Institute of Technology held on 7th March 2018.
- [18]. V. Shruthi , **R.Senthamizhselvi** and G.R.Suresh3“Speech Intelligibility Prediction And Near End Listening Enhancement For Mobile Application” IJARSE ISSN:2319-8354.
- [19]. Vigneshwar.R , Karthick .A, Karthick .K, **Senthamizh Selvi. R**, “Lung Lesion Extraction Using Improved Toboggan Based Algorithm” ISSN: 2454-132X Volume3, Issue2-2017.
- [20]. **R. Senthamizh Selvi**, R. Kishore, G.R. Suresh, S.Kanaga Suba Raja “Embedding data in audio signals using HSA-EMD Algorithm” ICONSTEM- COMPACTDISC-17.
- [21]. 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”, 5th International Conference on Recent Development in Engineering Humanities, and Management, April 2017, ESHM.
- [22]. **Senthamizh Selvi.R**, “Single Channel Speech Enhancement using Metaheuristic Algorithm”, March 2017, Ncet-SETMA’17.
- [23]. **Senthamizh Selvi.R**, “Speech Enhancement Using Separable Deep Auto Encoder” ,April 2017, NCEAI 2K17.
- [24]. **R.Hema,K.Aarthi,Dr.S.Sudha**,”Analysis of Filterbank Multicarrier Modulation System for Underwater Acoustic Communications”, International Conference in Science Engineering and Technology, 24 th March, 2018,ICONSET’18.

- [23]. **R.Hema**, Krupa Sundari.G.A, S.Preethika,P.Ramya Priya,” Underwater Communication using LIFI Technology”,07 th March 2018,NCITET’18.

CIVIL

- [24]. **Lavanya Prabha S, Neelamegam M And Surendar M**, “Mechanical Properties of Micro-Steel Fibre Reinforced Copper Slag Resin Mortar”, International journal of Earth science and Engineering, ISSN 0974-5904, Volume 10, No. 05 October 2017, P.P. 996-1001
- [25]. **Dr. Hemamalini C. G., Dr. Krishnaveni M** “Integration of Groundwater Potential and Irrigation Water Quality at Micro Level in Tannery Polluted Areas” Bulletin of Pure and Applied Sciences,Vol-36 E (Geology) Issue (No.1) P.1-17, August 17.

MECH

- [26]. **K.Giridharan, V.Jaiganesh, B.YokeshKumar**, Investigations on friction stir welding parameters of dissimilar alloys, ICTAME 2017, AMET University , ISBN 9789385434679 pp 227-232,Sept 22,2017.
- [27]. **S. Mohan Raja, T. Karthik Somasundarama , S. Padmanabhan, R. Jeremiah**, Performance Investigation of Soapnut Biodiesel on Diesel Engine with Nano Additive, ICTAME 2017, ISBN 9789385434679 pp 287 -293.
- [28]. **Maheshwaran.M , Ashwin kumar.M and Padmanabhan S** A Structural Analysis of Profile Modification in Wheel Spokes ICTAME 2017, AMET University , ISBN 9789385434679 PP 107 -111.
- [29]. **Thiagarajan S, M R Saroj Nitin, S Padmanabhan and Guna Devan** Numerical Investigation of Temperature Profiles and Heat transfer of Various Rectangular Fin Materials IDAD 2018, VelTech University. 22-24 Feb 2018.

- [30]. Elumalai Boominathan, S Gowri and Padmanabhan S Experimental Study on Micro-deburring of microgrooves by Micro-EDM, IDAD 2018, Vel Tech University. 22-24 Feb 2018.
- [31]. V.Jaiganesh, K.Giridharan, S.Padmanabhan and Hari M B S Influences Of Tool Pin Profiles On Mechanical Properties Of Friction Stir Welding Process Of Aa8011 Aluminium Alloy IDAD 2018, VelTech University. 22-24 Feb 2018.
- [32] N. Muthukumaran , S. Prasanna raj yadav ,and C.G. Saravanan Fuel Characteristics of Biofuel from Calophyllum through Catalytic Cracking Coal Fly Ash as a Catalyst, IDAD 2018, VelTech University. 22-24 Feb 2018.
- [33] Dr R Ramadoss and M Raju Vibration Analysis for Single Row Deep Groove Ball Bearing ICARIE 2018, March 3-4,18 ARS College of Tech, Chennai.
- [34] R Jeremiah, Process parameters optimization for Electroplating process using Taguchi method ICFTME 2018, March 3-4,2018, Thiruvalluvar College of Engg and Technology, Vandavasi.
- [35] V M Jothi Prakash and V Jayachandran Reciprocating Sliding behaviour of solid lubricant coating over modified Titanium Alloy surfaces. ICFTME 2018, March 3-4,2018, Thiruvalluvar College of Engg and Technology, Vandavasi.
- [36] Karthikeyan K, "Design and Development of a Multi-Utility Agricultural Vehicle:., IEEE International Conference on Technological Innovations in ICT For Agriculture and(TIAR 2017) 978-1-5090-4437, pp 111 - 113, 2017 Rural Development.

IT

- [37] N.Ananthi, IoT based smart soil monitoring system for agricultural production, IEEE Technological Innovations in ICT for Agriculture and RuralDevelopment (TIAR), 1 February 2018, Pages: 209 – 214.

- [38] V.Balaji, Design of ZigBee based wireless sensor network for early flood monitoring and warning system, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 236 – 240.
- [39] S.Kanagasubaraja, Demand based crop recommender system for farmers, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 194 - 199.
- [40] S.Gnanapriya, Identification of organic fruits using color and size features, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 160 - 163.
- [41] B.Chandra, Automatic plant monitoring and controlling system over GSM using sensors, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 173 - 176.
- [42] P.Deepika, Prediction of effective rainfall and crop water needs using data mining techniques, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 231 - 235.
- [43] R.Priyatharshini, Prediction of effective rainfall and crop water needs using data mining techniques, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 231 - 235.
- [44] A.K.Mariappan, A paradigm for rice yield prediction in Tamilnadu, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 18 - 21.
- [45] Leninisha Shanmugam, Disease detection in crops using remote sensing images, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 112 - 115.
- [46] A.L.Agasta Adline, Disease detection in crops using remote sensing images, IEEE Technological Innovations in ICT for Agriculture and Rural Development (TIAR), 1 February 2018, Pages: 112 - 115.
- [47] Mrs.C.Priyadharshini,A Review Based Document level classification for Product Rating in 4th International Conference on Engineering Technology Science and Management Innovation,ISBN 978-81-933746-4-1, MARCH 2017

- [48] Dr.S.Kanaga suba raja,Enhancement of speech intelligability and quality in hearing aid using fastadaptive kalman filter algorithm,5TH International conference on recent developing in engineering science,humanities and management,ISBN 978-93-86171-39-9,16th April 2017.

CSE

- [49] S.Kayalvizhi,R.Shwetha," Crack detection System For railway tracks by using acoustic emission sensor", ICIEICE17 International Conference on Innovations in Electrical, Information and Communication Engineering, March 2017, Kongunadu College of Engineering and Technology, Trichy, Tamilnadu, India.
- [50] Dr.S.Sobitha Ahila, Gowtham . M," Privacy enhanced data communication protocol for wireless body area network.", 4th International conference on "Advanced Computing and Communication Systems - ICACCS 2017".
- [51] Dr.K.M.AnandKumar, R.P.Sivakumaran, C.Shanmugasundaram," Characterisation and Management of Electronic Waste in India", 4th 3R International Scientific Conference on Material Cycle and Waste Management,New Delhi.
- [52] Dr.K.M.AnandKumar, R.P.Sivakumaran, C.Shanmugasundaram,"Monitoring of Electronic Waste Chemicals Leaching into the Soil with Special Reference to Unprotected Landfill" 4th 3R International Scientific Conference on Material Cycle and Waste Management, New Delhi.
- [53] Dr.K.M.AnandKumar, R.P.Sivakumaran, C.Shanmugasundaram, "Issues Related to 3R with Special Reference to the Disposal of Electronic Waste in India" 4th 3R International Scientific Conference on Material Cycle and Waste Management, New Delhi.
- [54] Dr.K.M.AnandKumar, R.P.Sivakumaran, C.Shanmugasundaram," Management of Electronic Waste Disposal in India" 1st International Conference on Innovations in Electrical, Information and Communication Engineering, Kongu College of Engineering.
- [55] M.Deepthi, N.Senthamarai ," Energy Aware Load Balancing using heuristic VM Live Migration Cloud Environment"Advance in natural and Applied Sciences", (May 2017) Vol.01, pp:15-20(AENSI Publisher).