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List of Journal Publications in International Journals
from January 2016 to December 2016

1. Seyezhai R, and M.Sudhakaran, "Design and Simulation of Single-phase Trinary Multilevel Inverter for Photovoltaic Applications", International Journal of Emerging Technologies And Applications In Engineering, Technology And Sciences (Ij-Eta-Ets).Jan 2016, Vol.9, Issue 1, ISSN: 0974-3588, pp.52-59.

2. Prithvi Prasanth and R. Seyezhai, "Investigation of Four Phase Interleaved Boost Converter Under Open Loop and Closed Loop Control Schemes for Battery Charging Applications", International Journal of Advances in Materials Science and Engineering (IJAMSE) Jan 2016, Vol.5, No:1, ISSN: 2201-2311. No Pay Journal., pp.11-20.

3. K.Sathiyanarayanan, S.P.Natarajan, Ranganath Muthu & C.R.Balamurugan, "Analysis of Various PWM Strategies of Binary DC Source Multilevel Inverter Fed Universal Motor Load', International Journal of Multidisciplinary Educational Research, Feb 2016, Vol. 5, No. 2, ISSN: 2277-7881.

4. V.Aarthi and Dr.R.Seyezhai, "Investigation of Interleaved Boost Converter with Voltage multiplier for PV with Fuzzy MPPT", Electrical & Computer Engineering: An International Journal (ECIJ), Mar 2016, Vol. 5, Number 1, ISSN: 2201-5957, pp: 35-46.

5. Leo Raju, Milton R S and Senthilkumaran Mahadevan, "Multi agent Systems Based Modelling and Implementation of Dynamic Energy Management of Smart Micro-grid Using MACSimJX", Special issue in"Computational Intelligence for Modelling and Simulation", The Scientific World Journal, (2016), Vol. 2016, SJR : 0.35.

6. M Anbuselvi, Saravanan P and Arulmozhi M, "Analysis of a Reduced Complexity FFT-SPA based Non-binary LDPC decoder with different code constructions, International Journal of Advanced Engineering Technology, Jan-Mar 2016, Vol. VII, Issue I, 219-223 E ISSN 0976-3945.

7. D.Lakshmi, A.Peer Fathima and Ranganath Muthu, "Simulation of the Two-Area Deregulated Power System using Particle Swarm Optimization', International Journal of Electrical Engineering and Informatics, Mar 2016, Vol. 8, No. 1, pp: 94-107.

8. Thiyagarajan V and Somasundaram P, "Performance Analysis of Photovoltaic Array with H5 Inverter under Partial Shading Conditions" in"International Journal of Innovation and Scientific Research", (2016), Vol. 22, No.1, ISSN 2351-8014, pp.164-177.

9. Dr.R.Seyezhai, "Design and Simulation of Fuel Cell Based High Gain Interleaved Boost Converter" International Journal of Advances in Electrical and Electronics Engineering, 2016, Vol.5, No: 1, ISSN: 2319-1112, pp. 1-7.

10. D.Lakshmi, A.Peer Fathima and Ranganath Muthu, "A Novel Flower Pollination Algorithm to Solve Load Frequency Control for a Hydro-Thermal Deregulated Power System', Circuits and Systems, 2016, Vol. 7, Published Abroad, Updated Annx-1, pp. 166-178, 2153-1285.

11. R.Zahira, A.Peer Fathima and Ranganath Muthu, 'Harmonic Reduction in Wind Power Generating System Using Shunt Active Filter with SPWM Technique', Circuits and Systems, 2016, Vol. 7, 2153-1285, pp. 157-165.

12. Leo Raju, Immanual Rajkumar and Milton R.S, "Multi Agent System based Automated Demand Side Management of a Micro-Grid" International Journal of Control Theory and Applications. (I J C T A), 9(2) 2016, SJR : 0.53, Scopus Indexed, pp. 383-395.

13. P.Ilatchiya, M.Sudhakaran and R.Seyezhai, "Power Management and Control for Domestic Appliances using GSM and Android Application", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), April 2016, Vol. 21 Issue 3, ISSN: 0976-1353., pp.44-49.

14. V.Rajini, Margaret Amutha, " Cost benefit and technical analysis of rural electrification alternatives in southern India using HOMER", Renewable and Sustainable Energy Reviews, Elesrveir publications, 2016, Vol.62, pp236–246

15. Dr Mrunal Deshpande"PI Controller for Switched Reluctance Motor" in International Journal of Advance Engineering and Research Development, May -2016, Vol. 3, Issue 5, (SJIF: 4.14), (ISSN (P): 2348-6406), pp. 218-222.

16. Dr.R.Seyezhai and A.Bharathi Sankar, "Simulation and Implementation of Solar Powered Electric Vehicle", Journal of Circuits and Systems, May 2016, SSN: 2153-1285, pp.643-661.

17. M. Venmathi and Dr. R. Ramaprabha, "Investigation on Fuzzy Logic Based Centralized Control in Four-Port SEPIC/ZETA bidirectional Converter for Photovoltaic Applications", International Journal on Advances in Electrical and Computer Engineering, 2016, Vol. 16, No. 1, (Print ISSN: 1582-7445, Online ISSN: 1844-7600), SJR 0.26. (DOI: 10.4316/AECE.2016.01008),   : 0.642, pp. 53-60

18. G. Ramya and Dr. R. Ramaprabha, "Fuzzy logic controller for partial shaded photovoltaic array fed modular multilevel converter", IET Power Electronics, 2016, Vol. 9, No. 8, (Online ISSN 1755-4543; Print ISSN 1755-4535), SJR 1.08. (DOI: 10.1049/iet-pel.2015.0737), 1.683, pp. 1694-1702.

19. J. Anitha Roseline, M. Senthil Kumaran and V. Rajini, "Generalized space vector control for current source inverters and rectifiers", Archives of Electrical Engineering. Jun 2016, Vol. 65, Issue 2, ISSN (Online) 2300-2506, DOI: 10.1515/aee-2016-0016. (Thomson Reuter indexed), pp.235–248.

20. Dr.R.Seyezhai and M.S.Rajan, "Capacitor Voltage Balancing Control for Modular Multilevel Cascaded Inverter Based on Phase Shifted Pulse Width Modulation Technique", Advances and Natural Applied Science, 2016, pp.205-214.

21. Dr.R.Seyezhai and M.Sudhakaran, "Fault Identification and Diagnosis of Induction Motor Using Neural Networks", Middle-East Journal of Scientific Research 24 (6): 1016, DOI: 10.5829/idosi.mejsr.2016.24.06.23585. ISSN 1990-9233, pp.2009-2012.

22. Anuradha R, Anbuselvi M and Saravanan P, "Torque Ripple Minimisation Of BLDC Motor Using Vector Control Algorithm", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) Jun 2016, Vol. 23, Issue 2, paid, India, ISSN: 0976-1353, pp:94-97.

23. M.Tamilarasi and R.Seyezhai, "A review of optimization algorithms for the modeling of proton exchange membrane fuel cell", AIP Journal of renewable & Sustainable Energy, Jun 2016, Vol.8, Issue 3, ISSN : 1941-7012, pp.034301-1-04301-13.

24. G.R.Venkatakrishnan, J. Mahadevan and R.Rengaraj, "Grey Wolf Optimizer For Economic Dispatch With Valve Point Loading", International Journal Of Advanced Engineering Technology (IJAET), Jul 2016, Vol. 7, No. 3, E ISSN:0976-3945, pp. 158-163.

25. Saravanan P, Senthil Kumaran M and Arumugam R, "FPGA Based Speed Control of SRM with Optimized Switching Angles by Self Tuning", Circuits and Systems, Jul 2016, Vol. 7, pp: 1530-1545, 2153-1285.

26. Dr.R.Seyezhai and M.Sudhakaran, "Modeling and Analysis of Variable Frequency Inverted Sine PWM Technique for a Hybrid Cascaded Multilevel Inverter", Journal of Circuits and Systems, Jul 2016, Vol.7, pp.2633-2650.

27. Chitravalavan and R. Seyezhai, "Design and Experimentation of FPGA-Based Soft-Switched Interleaved Boost Converter for Telecommunication System", Circuits and Systems, 7, Jul 2016, pp.2702-2711.

28. R.Seyezhai, and V.Chamundeeswari, "Comparative Analysis of Analog and Digital Controllers for Negative Output Superlift Luo Converter (NOSLC)", Circuits and Systems, 2016, 7, doi.org/10.4236/cs.2016.78146. ISSN: 2153-1285. pp.1689-1700.

29. Murugesan Kullan, Ranganath Muthu, Jebamalai Benny Mervin and Vijayenthiran Subramanian, "Design of DSTATCOM Controller for Compensating Unbalances" in Journal of Circuits and Systems, Jul 2016, Vol.7, No.9, pp. 2362-2372.

30. Dr.R.Deepalaxmi, C.Preethi, V.Preethi and R.Priyadharshini published a paper entitled, "Design and development of prototype model of long duration impulse current generator" in International Journal of Advanced Scientific research and Management (IJASRM), Sep 2016, Vol. 1, Issue 6, [ISSN 2455-6378; Publication (PIF)- 1.152], pp. 70-74.

31. V.Rajini, W.Abitha memala, "Motor current signatures and their envelopes as tools for fault diagnosis", Intelligent Automation and soft computing, Taylor and Francis, ISSN: 1079-8587 (Print) 2326-005X (Online), DOI:10.1080/10798587.2016.1225338.

32. Vaishnavi D, Sundari E, Sangeetha T V, Shrinidhi S and Saravanan P, "Design and development of computational intelligence for enhanced adaptive cruise control using Arduino", Applied Mechanics and Materials, Vol.852, ISSN: 1662-7482, pp:782-787

33. Prashaanth R, Sindhu S L, Veena S, Srilakshmi P S and Saravanan P, "Low cost battery operated vehicle using joystick control for physically challenged", Applied Mechanics and Materials, Vol.852, ISSN: 1662-7482, pp:788-793.

34. Mahadevan J, Venkatakrishnan G R and Rengaraj R "Differential evolution algorithm with parameter adaptation strategy for optimal design of hybrid renewable energy system", Journal of Electrical Engineering, 2016, Vol.16, 3rd Edition, : 0.967, pp. 419 - 429.

35. Siva Kumar A and Muthu Selvan N B, "Reduction of Source Current Harmonics in R and RL Load with Active Filter at Source End", Asian Journal of Research in Social Sciences and Humanities, Oct 2016, Vol. 6, No. 10, DOI:10.5958/2249-7315.2016.01015.7, ISSN 2249-7315, pp. 298-310.

36. A.Bharathi Sankar and Dr.R. Seyezhai, ASSP/EEE, "Performance Analysis of Multilevel Inverter for BLDC drive application", Advances in Natural & Applied Sciences, 2016, special : 9 (7), ISSN:1995-0772, pp.190-200.

37. P.Priya, G.Shabbeer Basha, S.V.Sujith Niranjan and R. Seyezhai, "Investigation of SiC MOSFET Based Quadratic Boost Converter for Photovoltaic Applications", Int. Journal of Precious Engineering Research and Applications, Oct 2016, Vol. 1, Issue 3, IJPERA, ISSN : 2456-2734, pp.26-29.

38. S.Hemapriya, M.Sudhakaran and R.Seyezhai, "Implementation of Robust Industrial Machinery Predictive Maintenance and Control Using Modern Technology", International Journal of Electrical Engineering, SSRG, 2016, ISSN No: 2348- 8379, pp.22-27.

39. R.Seyezhai and D.Umarani, "Study of Z-Source Inverter Impedance Networks Using 2ω Analysis for Photovoltaic Applications", Applied Mechanics and Materials, Oct 2016, Vol.852, ISBN-13, 978-3-03835-777-3, pp.867-874.

40. Dr.R.Seyezhai, K.Deepak, R.Gowtham, T.Hariharan and Manimaran, "Simulation and Implementation of e-cycle using BLDC drive", International Journal of Advanced research in basic engineering, science & technology, Oct 2016, Vol.2, Issue-10, ISSN -2395-695X, pp.1-12.

41. R. Ramaprabha, G. Ramya, U. Ashwini and A.H. Fathima Humaira, "Realization of a Photovoltaic Fed Sparse Alternating Current (AC)-Link Inverter", The Journal of Engineering Research 2016, Vol. 13, No. 2, (TJER) (ISSN: 1726-6009), TJER, pp. 149-159.

42. Dr.R.Seyezhai and V.Chamundeeswari, "An Approach towards Pulse Data Transmission Using Modified Negative Luo Converter (MNLC) for Telecoms", Circuits and Systems, 2016, 7, ISSN:2153-1285 pp. 2712-2728.

43. Thiyagarajan V., "Comparative analysis of PWM techniques for Photovoltaic application with HERIC inverter" in Journal of Advances in Chemistry, Vol. 12, no. 16, pp. no. 4950-4955.

44. RajiniV and Anoop J, published a paper on" Large Signal Modeling of DC-DC Converter with Multiplier Cells for High Voltage Generation" World Applied Sciences Journal 34 (10): 1414-1421, 2016, ISSN 1818-4952, DOI: 10.5829/idosi.wasj.2016.1414.1421.

45. Nivedhitha, T., Sahithya, S., Vaishnavi, G.and R. Seyezhai, "Investigation of High Gain Switched Capacitor DC-DC Converter For PV Applications", International Journal of Current Research, Nov 2016, Vol. 8, Issue, 11 (ISSN:0975-833X). pp. 40448-40455.

46. R.Seyezhai and S.Harika, "Analysis of Modulation strategies for two-stage Interleaved voltage source inverter for photovoltaic applications", International Journal of Advanced research in basic engineering, science & technology, Nov 2016, Vol. 2, Issue-11, ISSN -2395-695X, pp.1-12.

47. R.Seyezhai and R.Mahalakshmi, "Review of Integrated Power Factor Correction (PFC) Boost converter topologies for Telecommunication systems", International Journal of Advanced research in basic engineering, science & technology, Nov 2016, Vol. 2, Issue-1, ISSN -2395-695X, pp.13-23.

48. A.Bharathi Sankar and Dr.R. Seyezhai, "Implementation of adaptive fuzzy logic control based MPPT for photovoltaic based system", International Journal of U, e-service, science and technology, 2016, Vol. 9, No: 10, pp.103-122.

49. U.Shajith Ali, "Z-source DC-DC Converter with Fuzzy Logic MPPT Control for Photovoltaic Applications", Elsevier Energy Procedia, Dec 2016, Vol.90, Scopus indexed, : 0.378, pp. 163-170.

50. R.Seyezhai and D.Umarani, "Modeling and Control of Quasi Z-source Cascaded H-bridge Multilevel Inverter for Grid Connected Photovoltaic Systems", Energy Procedia, Elseveir, Dec.2016, Vol.90, ISSN: 1876-6102, pp.250-259.

51. M.Praveen kumar, M.Sudhakaran and R.Seyezhai, "Kinect Sensor based Human Fall Detection System Using Skeleton Detection Algorithm", International Journal of Electrical Engineering, SSRG, 2016, ISSN No: 2348- 8379 pp.22-27.

52. M. Sudhakaran and R. Seyezhai, "A Review of Various Carrier PWM Techniques for Trinary Cascaded Multilevel Inverter", Middle-East Journal of Scientific Research 2016, Vol.24, DOI: 10.5829/idosi.mejsr.2016.24. ISSN 1990-9233, pp.81-89.

53. A. Inba Rexy, R. Seyezhai, "Investigation of Current Control Techniques of AC-DC Interleaved Boost PFC Converter", Circuits and System, 2016, Vol.7, ISSN:2153-1285, pp. 307-326.

54. N. Hemalatha and R. Seyezhai, "Modified Diode Assisted Extended Boost Quasi Z-Source Inverter for PV Applications", Circuits and System, 2016, Vol.7, No: 10, ISSN: 2153-1285. pp.3271-3284.

55. R.Seyezhai, V.J.Sudarshan, M.Sunil Kumar and S. Venkat Brama Vignash (passed out UG batch), "Design and FPGA Control of Modular Multilevel Inverter for Photovoltaic Applications", Elixir Elec. Engg, 100 (2016), ISSN 2229-712X, pp.43768 – 43773.

56. Sivakumar A and Dr. N.B. Muthu Selvan, "Harmonic Analysis in Induction Motor Drive with Boost Converter", International Journal of Printing, Packaging & Allied Sciences, Dec 2016, Vol. 4, Issue: 2, ISSN: 2320-4387.

57. Augusteen and R.Rengaraj, "Economical Operation of Thermal Generator Involving Transmission Loss Using Noval Capra Optimization Algorithm", Journal of Electrical Engineering : 2016, Vol.16, No.4, : 0.967, pp.179-189.

58. Johnson Uthayakumar.R, Natarajan and S.P. Ranganath Muthu, "Realization Investigation of Three Phase Seven Level Asymmetrical Inverter with Triangular Reference and Hybrid Carrier", International Journal of Applied Engineering Research, 2016, Vol.11, Number 3, ISSN 0973-4562, pp. 1942-1949.

59. G. Ramya and R. Ramaprabha, "A review on design and control methods of modular multilevel converter", International Journal of Power Electronics and Drive System (IJPEDS), 2016, Vol. 7, No. 3, (ISSN: 2088-8694) (DOI: http://dx.doi.org/10.11591/ijpeds.v7.i3), pp. 857-865.

60. Leo Raju, Prithika Rani M and Sajna.G, Srinidhi.J, "Arduino based Autonomous Energy Management of a Micro-Grid using Multi Agent System", International Journal of Control Theory and Applications (IJCTA).

61. V. Krishnakumar, V. Kamaraj and C. Adrien Perianayagam, "An Integrated Drive for Two PMSMs Involved Automotive Applications and Development of Current Reference Expanded Two Arm Modulation Technique, "Circuits and Systems, 7, 1794-1815.ISSN:2153-1285.

ECE Department

62. Chithradevi R, Nafiza, B.S.Sreeja, S.Radha, 'Compact modified"T" slot circular patch quad band antenna for MIMO applications', International Journal of Microwave and Wireless Technologies, Jul 2016, doi: 10.1017/S1759078716000696, pp. 1-9.

63. Joshitha C, Sreeja B S, Sasi Princy S, Radha S, "Fabrication and investigation of low actuation voltage curved beam bistable MEMS switch", Microsystem Technologies, DOI 10.1007/s00542-016-3235-2.

64. Chithradevi R, Nafiza, B.S.Sreeja and S.Radha, "Compact modified circular patch quad-band MIMO antenna with high isolation and low correlation", International Journal of Microwave and Wireless Technologies, Jan 2016, doi:10.1017/S1759078715001737, pp. 1-10.

65. N.Nafiza, B.S.Sreeja, R.Chithra Devi and S.Radha, "Novel axe-shaped circular microstrip quad band antenna", Microwave and Optical Technology Letters, Feb 2016, Vol. 58, Issue 2, DOI:10.1002/mop.29572, ISSN 1098-2760, pp.399-402.

66. Angayarkanni Veeraputhiran and S. Radha, "Design of Bandwidth Efficient Compressed Sensing based Prediction Measurement Encoder for Video Transmission in Wireless Sensor Networks", Springer - Wireless Personal Communications, DOI 10.1007/s11277-016-3176-1.

67. Ani Melfa Roji M, Kirubaveni S, Radha S and Sreeja B S, "Design of Triangular Shaped Piezoelectric Vibration Energy Harvester for MEMS Applications", Australian Journal of Basic and Applied Sciences, 2016, Vol. 10, Issue5, ISSN: 1991-8178, pp. 29-40.

68. S. Aasha Nandhini, Radha S, Nirmala P and Kishore R, "Compressive Sensing for Images using a Variant of Toeplitz Matrix for Wireless Sensor Networks" Journal of Real-Time Image Processing, Springer, Dec 2016,

69. B. Ramani, M. P. Actlin Jeeva, P. Vijayalakshmi and T.Nagarajan, "A Multi-level GMM-Based Cross-Lingual Voice Conversion Using Language-Specific Mixture Weights for Polyglot Synthesis", Circuits, Systems and Signal Processing, Apr 2016, Vol. 35, pp. 1283-1311.

70. M. P. Actlin Jeeva, T. Nagarajan and P. Vijayalakshmi, "DCT derived spectrum-based speech enhancement algorithm using temporal-domain multiband filtering", IET Signal Processing, Oct 2016, Vol. 10 (8), DOI: 10.1049/iet-spr.2016.0125, pp. 965-980.

71. V. Sherlin Solomi, P. Vijayalakshmi and T. Nagarajan, "Exploiting Acoustic Similarities Between Tamil and Indian English in the Development of an HMM-based Bilingual Synthesizer", IET Signal Processing, DOI: 10.1049/iet-spr.2016.0163,

72. M. Ponnambalam, N.Vinodhkumar, R.Srinivasan and Premanand Venkatesh Chandramani, "Phase displacement study in MOSFET based ring VCOs due to heavy-ion irradiation using 3D- TCAD and circuit simulation, Microelectronics Reliability, Elsevier, Oct 2016, Vol. 65, pp. 27-34.

73. J.L.Lakshmi and Premanand V. Chandramani, "A two-stage 0.18um CMOS differential low-noise amplifier with integrated LC Balun for 2.4GHz applications", Artificial Intelligence and Evolutionary Computations in Engineering Systems, Advances in Intelligent Systems and Computing 394, Springer 2016, DOI 10.1007, ISSN 2194-5357, pp. 831-839

74. C.Ganesh Kumar, S. Januja Josephine and Premanand V. Chandramani, "Mining-based device control for Home Automation", Artificial Intelligence and Evolutionary

Computations in Engineering Systems, Advances in Intelligent Systems and Computing 394, Springer 2016, ISSN 2194-5357, DOI 10.1007, pp. 1049-1058.

75. Kumar, K. Senthil and R. Amutha, Energy Efficient Cooperative Communication using QOSTBC in Wireless Sensor Networks" International Journal of Advanced Engineering Technology, Mar 2016, Vol. 7, Issue 1, ISSN: 0976-3945, pp. 244-251.

76. Senthil Kumar and R.Amutha"Delay efficiency analysis of turbo coded cooperative communication in wireless sensor networks" Australian journal of Basic and Applied sciences Jan 2016, Vol. 10, No 1, ISSN 1991-8178, pp. 451-456.

77. Senthil Kumar and R. Amutha" An algorithm for Energy Efficient Cooperative communication in Wireless sensor Networks in the KSII Transactions on Internet and Information systems Jul 2016, Vol. 10, Issue 7, ISSN 1976 -7277, pp. 3080-3099.

78. K.Anusudha, N.Venkateswaran and J.Valarmathi, "Secured Medical Image Watermarking with DNA Codec". Multimedia Tools and Application, Springer, 2016, doi: 10.1007/S11042-015-3213-1, ISSN NO: 1380-7501, pp 1-22.

79. K. Madheswari and N. Venkateswaran, "An Optimal Weighted Averaging Fusion Strategy for Thermal and Visible images using Dual Tree Discrete Wavelet Transform and Particle Swarm Optimization", Multimedia Tools And Applications, doi: 10.1007/S11042-015-3213-1, ISSN: 1380-7501.

80. W.Jino Hans, N.Venkateswaran, Lysia Merlin S and Divya Priya T, "An Example-based Super-Resolution Algorithm for Multi-Spectral Remote Sensing Images", International Journal of Advanced Computer Science and Applications, Vol. 7, No. 9, ISSN : 2158-107X (Print), doi:10.14569/IJACSA.2016.070945, pp. 318-323.

81. Madeshwari.K and N.Venkateswaran, "Swarm intelligence based optimisation in thermal image fusion using dual tree discrete wavelet transform" Quantitative Infrared Thermography Journal, Sep, 2016, doi: 10.1080/1768-6733.2016, ISSN NO: 2116-7176, pp 1-20.

82. K. Nirmala and N. Venkateswaran, "Local Binary pattern Features based Detection of Glaucoma using Support vector machine Classifier". Journal of Medical Imaging and Health Informatics, 2016, Vol.6, ISSN NO: 456-7018, pp 1370 – 1378.

83. K. Nirmala, N. Venkateswaran and C. Vinoth Kumar Kernel SVM Classifier for Detection of Glaucoma Using LBP Based Fractal Features", Asian Journal of Information Technology, 2016, Vol.15, Issue.15, pp 2702-2708.

84. L. Nandita and N. Venkateswaran, "Finite-SNR DMT of MIMO System with ZF Receiver", International Journal of Advanced Engineering and Technology, Apr-June 2016, Vol. 8, ISSN No 0976-3945, pp 810-812.

85. Nirmala K, Venkateswaran N and Vinoth Kumar C, "Fractal Feature Based SVM Classification of Glaucomatous Image Using PCA and Gabor Filter", International Journal of Advanced Engineering Technology, Jan-Mar 2016, Vol. 7, Issue. 1, pp. 156-159.

86. Jino Hans William, N. Venkateswaran, Srinath Narayanan, and Sandeep Ramachandran, "An Example-Based Super-Resolution Algorithm for Selfie Images", The Scientific World Journal, Jan 2016, doi:10.1155/2016/8306342, ISSN No. 1537-744X.

87. Jino Hans William and N. Venkateswaran, "Single Image Super-resolution Algorithm Using Efficient Self-Example Learning Strategy", International Journal of Advanced Engineering Technology, Jan-Mar, 2016, Vol.7, Issue-1, ISSN 0976-3945, pp. 8-14.

88. Markandan and N. Venkateswaran, "A Lattice reduction aided information precoder for multi user communication system", International Journal of Advanced Engineering Technology, Mar, 2016, Vol.7, Issue-1, ISSN 0976-3945, pp.136-141.

89. W.Jino Hans, N.Venkateswaran and Srinath Narayanan, Sandeep Ramachandran, "Sparse Representation based Higher-order Regression Model for Single Image Super-resolution Algorithm", Applied Mathematics and Information Sciences, Vol. 10, No. 5, pp. 1971-1981.

90. W. Jino Hans, N. Venkateswaran, N. Srinath and Sandeep Ramachandran, "Estimation of Higher-order Regression via. Sparse Representation Model for Single Image Super-resolution Algorithm" International Journal on Applied Mathematics & Information Sciences, 2016, Vol. 10, No. 5, ISSN 1935-0090 (print), ISSN 2325- 0399 (Online), pp1-10.

91. N. Venkateswaran, Saranraj .S and Sudharsan S, "Illumination Invariant Feature Extraction for Multispectral Palmprint Verification", International Journal of Applied Information Systems, Aug 2016, Vol. 11, No. 3, ISSN : 2249-0868, pp.11-20.

92. Radha.D and Jayaparvathy.R, " A Novel Text Extraction Technique Using Rough Sets", International Journal of Digital Content Technology and its Applications(JDCTA), Mar 2016, Vol.10, Number2, ISSN 22339310, 19759939, pp. 14-24.

93. Ashrafa.M, Radha.D and Jayaparvathy.R, "Analysis on Insurance Policy and Related Customer Behavior using Data Mining Technique", International Journal of Computer Applications Apr 2016, Vol. 139 - No.6, ISSN 0975-8887, pp. 46-47.

94. Ashrafa.M, Lalitha.M, Radha.D and Jayaparvathy.R, "Analysis on Increasing Customer Sales by the Use of Restaurant Recommender System", International Journal of Computer Applications Apr 2016, Vol. 139 - No.7, ISSN 0975-8887, pp. 9-10.

95. Radha.D, Jayaparvathy.R and D. Yamini, "Analysis on Social Media Addiction using Data Mining Technique", International Journal of Computer Applications Vol. 139 - No.7, Apr 2016, ISSN 0975-8887, pp. 23-26.

96. Radha.D and Jayaparvathy. R, "Data Mining in DCHP Security "International Journal of Computer Applications (0975 - 8887), May 2016, Vol. 142 - No.11, ISSN 0975-8887, pp. 35-37.

97. D.Radha and R.Jayaparvathy, Y "A modernistic approach using data mining in predicting humanistic behaviour", International Journal of Advances in Engineering & Technology, Apr 2016, Vol. 9, Issue 2, ISSN: 22311963, pp. 160-166.

98. D.Radha and R Jayaparvathy, "A Novel approach using data mining on predicting walk-in malls", International Journal of Advances in Engineering & Technology, Apr 2016, Vol. 9, Issue 2, ISSN: 22311963, pp. 160-166.

99. K.T. Selvan, "Teaching standards in electronics & communication engineering, "IEEE Standards University, April 21, 2016, available athttp:// www. standardsuniversity.org/

wp-content/uploads/Practical_Ideas_KrishnasamySelvan_Mar 2016_FINAL.pdf (Online resource)

100. K.T. Selvan and S. Sharma, "Uncertainty estimation in antenna measurements, " Forum for Electromagnetic Research Methods and Application Technologies (FERMAT), 2016, Vol. 15, ISSN 2470-4202 (Online journal)

101. K.T. Selvan, "Understanding electrical properties of dielectrics, "Forum for Electromagnetic Research Methods and Application Technologies (FERMAT), 2016, Vol. 16, ISSN 2470-4202 (Online journal).

102. M.P. Prabakaran, A. Sivasubramanian, A .Jawahar and K. Chitra, "Performance Analysis of Wavelet Packet Transform Based De-Noising Receiver for Visible Light Communication by using Single Source", International Journal of Engineering Research, Africa, 2016, Vol.20, doi:10.4028/ www.scientific.net/JERA.20.195, pp.195-201.

103. Sathyapriya L, Jawahar A, "Fault Management using Modified RAT for Wireless Sensor Networks" Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-Mar 2016, E-ISSN 0976-3945, paid, Abroad, pp.391-395.

104. Edna Elizabeth.N, Suresha Barani, "Registration And Verification Of Vehicles Using Secured Algorithm In VANET'S", E-ISSN 0976-3945, Int J Adv Engg Tech, Jan.-Mar 2016, Vol. VII/Issue I, pp.231-235.

105. Elizabeth.N, S.Nivetha, T.Prasanya Padmasha, I.Gohulalakshmi"Design And Analysis Of Secure Payment Solutions For Transit System Using Smart Cards", E-ISSN 0976-3945, Int J Adv Engg Tech, Jan.-Mar 2016, Vol. VII, Issue I, pp.113-116.

106. R. Irumudipriyan, C. Thiruvenkatesan, "Leakage Reduction and Stability Improvement of SRAM using Multiple Threshold Technique", International Journal of Advanced Engineering Technology, Mar 2016, Vol. VII, Issue I, E-ISSN 0976-394, pp. 490-493.

107. Iniya Abinaya M, Thiruvenkataesan C, "FPGA Implementation of Simon Cipher For Wireless Sensor Node", International Journal of Advances in Natural and Applied Sciences, 2016 Special 10(9), ISSN: 1995-0772, EISSN: 1998-1090, pp. 332-335.

108. Annie Femena A, Thiruvenkataesan C, "FPGA Implementation of Target Tracking Algorithm for Wireless Sensor Node", International Journal of Advances in Natural and Applied Sciences, 2016 Special 10(9), ISSN: 1995-0772, EISSN: 1998-1090, pp.351-355.

109. S. A. Anapagamini, R. Rajavel, "Hardware implementation of ECG denoising system using TMS320C6713 DSP processor", International Journal of Biomedical Engineering and Technology, Jun. 2016, Vol.21, No.1, pp. 95-108.

110. Resiga, K. V., and L. Nandita, "Peirce's criteria for Multiple Outlier Detection in Cooperative Spectrum Sensing for Cognitive Radio Network." International Journal of Engineering and Future Technology, Jun 2016, Vol. No.6, ISSN No 2455-6432, pp. 41-49.

111. K.S.Vishvaksenan, P.T.Vasanth Raj, "Coded Downlink Multi-user MC-CDMA system using Transmitter Pre-processing: Performance results", IEEE Access, IEEE journal, 2016, Issue: 99.

112. Nelson.I, K.S.Vishvaksenan, S..Rajendiran, ."Performance of spread spectrum based Multi-carrier system in Underwater Communication using transmitter pre-processing", IEEE Access, IEEE journal, Issue: 99, DOI:10.1109/ACCESS.2016.2591587, 2016.

113. P.T.Vasanth Raj, K.S.Vishvaksenan, "System analysis of DSTTD-CDMA system with polarization diversity for frequency-selective channel", Computers and Electrical Engineering, Elsevier journal, http://dx.doi.org/10.1016/j.compeleceng.2016.11.027, 2016.

114. B.Rammyaa, K.S.Vishvaksenan Dr.Sumathi Poobal"Performance Analysis Of Secured Position Based Routing In Mobile Ad Hoc Networks", International Journal of Advanced Engineering Technology", 2016, Vol. VII, Issue 1, E-ISSN:0976-3945, pp.196-200.

115. K.S.Vishvaksenan, R.Kalaiarasan, R.Kalidoss and R.Karthipan, "Real Time Experimental Study and Analysis of Elliott Wave Theory in Signal Strength Prediction", Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, Springer journal, 2016, doi:10.1007/s40010-016-0323-8.

116. S.Sakthivel Murugan, "Design and Implementation of an Energy harvesting system using MFC with Marine sediments for underwater Applications", International Journal of Marine Science Research and Development, Jul 2016, Vol.6, Issue No.4, pp.53.

117. S.Sakthivel Murugan, "Performance analysis of an energy efficient cross layer protocol for underwater acoustic wireless sensor network", International Journal of Marine Science Research and Development, Jul 2016, Vol.6, Issue No.4, pp.35.

118. Asha banu, S.Sakthivel Murugan, P.Venugopal, "Study of Vertical Coherence in Shallow water Ambient Noise" International Journal of Advances in Natural and Applied Sciences, Oct 2016, Vol. 10, Issue:14, pp. 59 -64.

119. K. J. Jegadish Kumar, S. Joseph Gladwin, V. Kamaraj, "KAMAR: A Lightweight Feistel Block Cipher Using Cellular Automata", Circuits and Systems, Vol. 7, Issue 4, doi: 10.4236/cs.2016.74021. ISSN Print: 2153-1285, ISSN Online: 2153-1293, pp.222-230.

120. K. J. Jegadish Kumar, S. Joseph Gladwin, V. Karthick, V. Vaithianathan, "Realization of AES with Cellular Automata based S-Box for High speed image encryption", In Asian Journal of Information Technology, 2016, Vol. 15, Issue 7, ISSN online:1682-3145, pp: 1243-1248.

121. K.J.Jegadish Kumar, P.Kaythry published a paper tilted, "Image Encryption for Wireless Multimedia sensor network using L2DCASKE" in International Journal of Advanced Engineering Technology, Jan-Mar 2016, Vol. VII, Issue I, ISSN: 0976 – 3945, pp.340-345.

122. K. J. Jegadish Kumar, R. Balasubramanian, "Lightweight Mixcolumn Architecture for Advanced Encryption Standard, "In International Journal of Computer Applications, Feb 2016, Vol. 136, Issue No:11, ISSN(0975-8887), 10.5120/ijca2016908583, pp.31-36.

123. R. Venkatesan, K. J. Jegadish Kumar, "Harmonic Rejection in 2.4 GHz Gilbert Cell Mixer for Terrestrial Microwave Communication systems, In International Journal of Computer Applications, Mar 2016, Vol. 138, Issue No.6, ISSN(0975-8887)

124. K. J. Jegadish Kumar, S. Joseph Gladwin, V. Kamaraj, "KAMAR: A Lightweight Feistel Block Cipher Using Cellular Automata", Circuits and Systems, Vol. 7, Issue 4, pp:222-230. doi: 10.4236/cs.2016.74021. ISSN Print: 2153-1285, ISSN Online: 2153-1293

125. K. J. Jegadish Kumar, S. Joseph Gladwin, V. Karthick, V. Vaithianathan, "Realization of AES with Cellular Automata based S-Box for High speed image encryption", In Asian Journal of Information Technology, 2016, Vol.15, Issue 7, ISSN online:1682-3145, pp: 1243-1248

126. Mangayarkkarasi M, Joseph Gladwin S., "Design of Robust and power Efficient 8-Bit Ripple Carry Adder using Different Logic Styles", SSRG International Journal of VLSI & Signal Processing (SSRG - IJVSP), 1-7 May to June 2016, V3(3), . ISSN:2394 - 2584.

127. M.Jagan, N.Arun Palanikumar, Antony Christen Varun Miranda, S.Esther Florence, :"Development Of A Planar Sensor For Monitoring Orthopaedic Health", International Journal of Advance Computational Engineering and Networking (IJACEN), May 2016, Vol.4, Issue-5, DOI: IJACEN-IRAJ-DOI-4557, pp. 24-28.

128. GS. Subbara, V. S. Ramalingam, M. Kanagasabai, E. F. Sundarsingh, Y. P. Selvam, S. Kingsley, "Electromagnetic Nondestructive Material Characterization of Dielectrics Using EBG Based Planar Transmission Line Sensor, " in IEEE Sensors Journal, Oct.1, 2016, Vol. 16, no. 19, DOI: 10.1109/JSEN.2016.2591320, IF: 1.889, pp. 7081-7087.

129. P.Sasikala, Priscilla Scarlet, K.K.Nagarajan, R.Srinivasan "Impact of Spacer Engineering on SOI Junctionless FET Performance Using TCAD Simulation" Journal of Materials & Metallurgical Engineering, 2016, Vol 6, No 2, pp 42–52.

130. S. Arrthi, R. Ambika, K.K.Nagarajan"A Novel Double Gate Tunnel FET based Flash Memory", International Journal of Innovation and Scientific Research, Apr. 2016, Vol. 22, No. 2, ISSN 2351-8014, pp. 275-282.

131. M Anbuselvi, Saravanan P, and Arulmozhi M, "Analysis of a Reduced Complexity FFT-SPA based Non-binary LDPC decoder with different code constructions, International Journal of Advanced Engineering Technology, Jan-Mar 2016 Vol. VII, Issue I, .

132. Anuradha R, Anbuselvi M and Saravanan P, "Torque Ripple Minimisation Of BLDC Motor Using Vector Control Algorithm", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) JUNE 2016, Vol.23 ISSN: 0976-1353 Issue 2.

133. Lakshmipriya R, Padmapriya N, Hanis S "Multiresolution based detection of Macular Degeneration", International Journal of Applied Engineering Research, Feb, 2016, Vol No.11, ISSN No 0973-4562, pp No.2161-2164.

134. Sridhar Bilvam), Ramprabhu Sivasamy, Malathi Kanagasabai and Sanjay Baisakhiya (Scientist/SAMEER), "Miniaturized Band Stop FSS Using Convoluted Swastika Structure, "in Frequenz, Oct 2016, https://doi.org/10.1515/freq-2016-0049, ISSN: 2191-6349.

135. P.T.Vasanth Raj, K.S.Vishvaksenan"DOWNLINK: PERFORMANCE OF MIMO-CDMA SYSTEM USING NON-LINEAR DETECTOR", International Journal of

Advanced Engineering Technology", 2016, Vol. VII, Issue 1, E-ISSN:0976-3945, pp.367-369.

136. K.S.Vishvaksenan, K.Mithra, R.Kalidoss, R.Karthipan, "Experimental Study on Elliott Wave Theory for Handoff Prediction", Fluctuation and Noise letters, 2016, Vol. 15, No.4.

137. R.Kalaiarasan, K.S.Vishvaksenan, R.Kalidoss, "Hybrid Spectrum Sensing Algorithm For Cognitive Mobile AD HOC Networks", International Journal of Advanced Engineering Technology", 2016, Vol. VII, Issue 1, E-ISSN:0976-3945, pp.182-186.

138. Rajesh, N. George, J., Kanagasabai, Malathi ; Lawrance, L., Rajendran, D. Moorthy, B., Alsath, MGN"Modified Antipodal Vivaldi Antenna for UWB Communications, "IET Microwaves, Antennas & Propagation, 2016, Vol. 10, no. 4, DOI:10.1049/iet-map.2015.0089, ISSN: 1751 − 8725, pp. 401 − 405.

139. Ramprabhu, S.; Lingeshwaran, M., Kanagasabai, Malathi ;Sundarsingh, E. ;Alsath, M.G.N., "A low profile paper substrate based dual-band FSS for GSM shielding", IEEE Transactions on Electromagnetic Compatibility, 2016, Vol. 58, no. 2, DOI: 10.1109/TEMC.2015.2498398, ISSN: 0018-9375, pp. 611 - 614.

140. S. Velan, S. Kingsly, M. Kanagasabai, M. G. N. Alsath, Y. Panneer Selvam and S. Subbaraj, "Quad-Band Rat-Race Coupler With Suppression of Spurious Pass-Bands, " in IEEE Microwave and Wireless Components Letters, Jul 2016, Vol. 26, no. 7, DOI: 10.1109/LMWC.2016.2575017, ISSN: 1531-1309, pp. 490-492.

141. Sandeep Kumar, P ;Yogeshwari, P;Alsath, M.G.N. ; Kanagasabai, Malathi ; Saffrine, Kingsley; Sangeetha, S ;"3D Eight-port Ultra-wideband (UWB) Antenna Array for Diversity Applications, " IEEE Antennas and Wireless Propagation Letters, 2016 DOI: 10.1109/LAWP.2016.2590144, ISSN: 1536-1225.

142. Rajesh, N., Kanagasabai, Malathi; Alsath, M.G.N. ;"Dual Mode Antipodal Vivaldi Antenna", IET Microwaves, Antennas & Propagation, 2016, Vol. 10, issue 15, doi: 10.1049/iet-map.2015.0840, ISSN: 1751 − 8725, pp. 1643 - 1647.

143. Alsath, M.G.N. Kanagasabai, Malathi"Ultra-Wideband Grid Array Antenna for Automotive Radar Sensors", IET Microwaves, Antennas & Propagation, 2016, Vol. 10, issue 15, DOI: 10.1049/iet-map.2015.0730, ISSN: 1751 − 8725, pp. 1613 - 1617.

144. Pakkathillam, J.K. Kanagasabai, Malathi ; Alsath, M.G.N. ;"A Compact Multiservice UHF RFID Reader Antenna for Near field and Farfield Operations, " IEEE Antennas and Wireless Propagation Letters, DOI: 10.1109/LAWP.2016.2561960, ISSN: 1536-1225.

145. K.J.Jegadish Kumar, S. Joseph Gladwin, V. Karthick and V. Vaithianathan, "Realization of AES with cellular automata based S-box for high-speed image encryption", Asian Journal of Information Technology, 2016, (ISSN: 1682-3915), 15(7), pp. 1243-1248.

146. Annadurai C., Raja A. Mani Muthu, "Energy Efficient Cooperative Positioning Algorithm for Global Navigation Satellite System", Asian Journal Of Research In Social Sciences and Humanities, Jul 2016, Vol. 6 Issue: 7, Published: Online ISSN: 2249-7315 DOI:10.5958/2249-7315.2016.00424.X , pp. 266-275.

147. Mani Muthu Raja, C.Annadurai, "Investigation On Power Optimization In Cooperative Wireless Network Localization", International Journal of Advanced Engineering Technology, Apr-Ju, 2016, Vol. VII, Issue II, pp. 285-289.

148. C. Annadurai, V. Nagarajan, "Performance Analysis for Cooperative Ad-hoc Networks in the Presence of Correlated Nakagami Fading" Wireless Personal Communication Springer, published in Online Aug, 2016, DOI 10.1007/s11277-016-3614-0, pp.1-16.

149. Prabagarene Nagaradjane, Tamilarasi Muthu, "Performance of co-operative multicell downlink communication aided by polarization multiplexing under limited feedback constraints", Vol. 4, 2016, pp 3479-3488.

150. Prabagarene Nagaradjane, Tamilarasi Muthu, "Performance of uplink feedback MIMO systems using joint transmitter receiver and polarization multiplexing", 2016, pp.1-15.

151. Kavitha S. and Thyagarajan K.K., "Efficient DWT-based fusion techniques using Genetic Algorithm for Optimal Parameter Estimation", Soft computing, Methodologies and Applications, Springer, 22nd Jan 2016 (Online Version), IF: 1.630

152. B Prabavathy, Chitra Babu and Subhadevi M, "Improving read throughput of deduplicated cloud storage using frequent pattern-based pre-fetching technique" in The Computer Journal, 18th Mar 2016 (Online Version), IF: 1.00

153. Madheswari.K., Venkateswaran N, "Swarm Intelligence based Optimization in Thermal Image Fusion using Dual Tree Discrete Wavelet Transform", QIRT journal Taylor and francis, (Online First) 19th Sep 2016, IF: 1.2

154. Madheswari.K., Venkateswaran N, "An Optimal Weighted Averaging Fusion Strategy for Thermal and Visible Images using Dual Tree Discrete Wavelet Transform and Particle Swarm Optimization", Multimedia tools and applications, Springer, 4th Oct 2016 (Online First), IF: 1.331

155. Abhinaya A, Nandhini priya N, Vanathi M, Monica R, Chamundeswari A, "Resolving Team Selection in Agile Development using NSGA-II Algorithm", CSI transactions on ICT, Springer, 1st Dec 2016.(Online First)

156. Vishal T V, Srinidhi S, Sri Vishnu K, Srividhya S and Swathika R, "'Triah - An intelligent guiding system for the visually impaired', Springer - CSI Transactions on ICT, 5th Dec 2016 (Online First)

157. B. Ramani, M. P. Actlin Jeeva, P. Vijayalakshmi, T.Nagarajan, "A Multi-level GMM-Based Cross-Lingual Voice Conversion Using Language-Specific Mixture Weights for Polyglot Synthesis", Circuits, Systems and Signal Processing, Apr 2016, Vol. 35, pp. 1283-1311.

158. M. P. Actlin Jeeva, T. Nagarajan, P. Vijayalakshmi, "DCT derived spectrum-based speech enhancement algorithm using temporal-domain multiband filtering", IET Signal Processing, Oct 2016(IF: 0.873), Vol.No.10, Issue 8, pp.965-980.

159. V. Sherlin Solomi, P. Vijayalakshmi, T. Nagarajan, "Exploiting Acoustic Similarities Between Tamil and Indian English in the Development of An HMM-Based Bilingual Synthesizer", IET Signal Processing, 1751-9675.

160. Vinodhkumar, N., and R. Srinivasan."Radiation performance of planar junctionless devices and junctionless SRAMs." Journal of Computational Electronics 15.1 (2016): pp. 61-66.

161. Ambika, R., and R. Srinivasan."Performance Analysis of n-Type Junctionless Silicon Nanotube Field Effect Transistor." Journal of Nanoelectronics and Optoelectronics 11.3 (2016), pp. 290-296.

162. Ambika, R., and R. Srinivasan."Analysis of independent gate operation in Si nano tube FET and threshold prediction model using 3D numerical simulation." Journal of Computational Electronics (2016), pp. 1-9.

163. V. Pavan Kumar Reddy, R. Ambika and R. Srinivasan."Performance Analysis of Square Cross Section Based Junctionless Silicon Nanotube FET". Middle-East Journal of Scientific Research. 2016, 24 (4), pp.1351-1354.

164. Keerthana, N., R. Ambika, and R. Srinivasan."Realization of Tunnel FET Operation on Junctionless FET with Single Gate Electrode Work Function." Journal of Nanoengineering and Nanomanufacturing 6.2 (2016), pp. 99-102.

165. Maran Ponnambalam, Vinodthkumar, R Srinivasan, Premanand Chandramani."Phase displacement study in MOSFET based ring VCOs due to heavy-ion irradiation using 3D-TCAD and circuit simulation." Microelectronics Reliability 65 (2016), pp.27-34.

166. Ambika, R., N. Keerthana, and R. Srinivasan."Realization of Silicon nanotube tunneling FET on junctionless structure using single and multiple gate workfunction." Solid-State Electronics 127 (2017), pp. 45-50.

167. Radha, N., A. Shahina, and A. Nayeemulla Khan."An Improved Visual Speech Recognition of Isolated Words using Combined Pixel and Geometric Features." Indian Journal of Science and Technology 9.44 (2016).

168. Lakshmi, NVS Sree Rathna, N. Bhalaji, and B. Sivakumar."On the Construction of QoS Based Overlay Architecture for Wireless Local Area Network." Wireless Personal Communications, pp. 1-13.

169. M. Umaparvathi, N. Bhalaji S, Jothi Prasanna and N. Parthiban."Analysis of Creido Enhanced Chord Overlay Protocol Under Different Movement Models in Delay Tolerant Networks." Wireless Personal Communications, pp.1-17.

170. M.Kathiravan, N.Bhalaji."Mining Frequent And Infrequent Aspect Extraction For Sentiment Classification Using Online Reviews". Journal of Computational and Theoretical Nanoscience. To be publised.

171. N.V.S Rathna Lakshmi, S.Babu, N.Bhalaji."Analysis Of Clustered QoS Routing Protocol For Distributed Wireless Sensor Network". Computers and Electrical Engineering, Elsevier. To be publised

172. Mugunthan, Vaikkunth, and N. Bhalaji."Analysis of New L5 Algorithm Embedded with Modified AES Algorithm in Address Allocation Schemes." Journal of Telecommunication, Electronic and Computer Engineering (JTEC) 8.6 (2016), pp. 133-136.

173. Priyadarsani, S., V. Rajalakshmi, and G. Muneeswari."AFT Scheduling Algorithm for Multicore Architecture: A Novel Approach." (2016).

174. Vishal, T. V., S. Srinidhi, and G. Muneeswari."Visual and Auditory Representation of Sentiment Classified Data Using SVM." International Journal of Database Theory and Application 9.4 (2016), pp. 289-300.

175. Mohanavalli, S., S. M. Jaisakthi, and Chandrabose Aravindan."Automatic Scale Parameters in Affinity Matrix Construction for Improved Spectral Clustering." International Journal of Pattern Recognition and Artificial Intelligence (2016): 1650023.

176. Asmitha J.S., Srividya, Mohanavalli.S, "Data Fusion for Classification in Public Distribution System", COMPUSOFT, IJACT, pp: 110-114.

177. Sundharakumar K.B., Senthil Kumar V., Srividya, Mohanavalli S, "Comparison of NoSQL Databases", COMPUSOFT, IJACT, pp: 190-193.

178. Vishal .T .V, Srinidhi .S, Srividhya .S, Sri Vishnu Kumar.K (2013-2017 Batch), Swathika R." A Survey and Comparison of Artificial Intelligence Techniques for Image Classification and Their Applications". International Journal of Science and Research (IJSR), April 2016, Volume 5, Issue 4, pp. 187 - 193.

179. Malathy, E. M., and Vijayalakshmi Muthuswamy."Vertical Handover Facilitation Through Queuing Model in Heterogeneous Wireless Network", Int J Adv Engg Tech/ Vol. VII/Issue I/Jan.-Mar 346 (2016): 348.

180. E.M.Malathy, Jenith A, Banu.M."Linear Programming model approach for traffic analysis in WIFI wireless network". International journal of scientific research engineering and technology, (IJSRET). 5(4), pp. 211-213.

181. Sasirekha, S., and S. Swamynathan."Fuzzy Rule Based Environment Monitoring System for Weather Controlled Laboratories using Arduino." International Journal of Intelligent Information Technologies (IJIIT) 13.1 (2017), pp. 50-66.

182. Vidhusha, S., and Kavitha Anandan."Inter-hemispherical Investigations on the Functional Connectivity of Autistic Resting State fMRI." International Journal of Cognitive Informatics and Natural Intelligence (IJCINI) 10.2 (2016), pp. 95-108.

183. J. K. Josephine Julina."A Robust Approach in Enhancing the Quality of Degraded Images and Text Restoration". International Journal of Advanced Research in Biology, Engineering, Science and Technology. 2(2), pp. 33-37.

184. V. Tharaneedhar, P. Senthil Kumar, A. Saravanan, C. Ravikumar, V. Jaikumar, Prediction and interpretation of adsorption parameters for the sequestration of methylene blue dye from aqueous solution using microwave assisted corncob activated carbon, Sustainable Materials and Technologies, 11, pp.1-11

185. Shekar P, K Sathish KumarGoprikrishan V Radhakrishnan M, HPTLC fingerprint profile of antibacterial compound produced from forest soil streptomyces SFA5, Bangladesh Journal of Pharmacology, 11, pp. 295-300

186. N.Balaji, K.Sathish KumarM.SeenuvasanG Vinodhini Madava Anilkumar, Immobilization of laccase onto microemulsified magnetic nanoparticles for enhanced degradation of a textile wastewater, Journal of Environmental Biology, 37, pp. 1489-1496

187. C KumaresanK Sathish Kumar, Development of Inhaled sustained release Dry powder formulation of Salbutamol suphate - an antiasthamatic drug, Indian Journal of Pharmaceutical Sciences, 78, pp. 136-142

188. B.Chitra & K.Sathishkumar, Heat transfer enhancement using single base and double base nanofluids, Journal of Molecular liquids, 221, pp. 1128-1132

189. V. SathyaSelvaBalaP. Senthil Kumar, S. Dinesh Kirupha and S. Sivanesan*, Application of β-MnO_2 Nanorods as catalyst in single step production of biodiesel from Palm oil, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38, pp. 2104-2110

190. V. Mathivanan, S. Geetha Manjari, R.Ineya, R.SaravanathamizhanP. Senthil Kumar, K. Ramakrishnan, Enhanced photocatalytic decolorization of reactive red by

sonocatalysis using TiO2 catalyst: Factorial design of experiments, Desalination and Water Treatment, 57, pp. 7120-7129

191. P. Senthil Kumar, V.M. Centhil, R. Kameshwari, M. Palaniyappan, V. Durga Kalaivani, K. Grace Pavithra, Experimental study on parameter estimation and mechanism for the removal of turbidity from groundwater and synthetic water using Moringa oleifera seed powder, Desalination and Water Treatment, 57, pp. 5488-5497

192. D. Prabu, R. Parthiban, P. Senthil Kumar* Nupur Kumari, Paharika Saikia, Adsorption of copper ions onto nano scale zero-valent iron impregnated cashew nut shell, Desalination and Water Treatment, 57, pp. 6487-6502

193. K. Anbalagan, P. Senthil Kumar, R. Karthikeyan, Adsorption of toxic Cr(VI) ions from aqueous solution by sulphuric acid modified Strychnos potatorum seeds in batch and column studies, Desalination and Water Treatment, 57, pp. 12585-12607

194. T. Anitha, P. Senthil Kumar, K. Sathish Kumar, K. Sriram, J. Feroze Ahmed, Biosorption of lead(II) ions onto nano-sized chitosan particle blended Polyvinyl Alcohol (PVA): Adsorption Isotherms, Kinetics and equilibrium studies, Desalination and Water Treatment, 57, pp.13711-13721

195. Saravanan, P. Senthil Kumar, B. Preetha, Optimization of process parameters for the removal of chromium(VI) and nickel(II) from aqueous solutions by mixed biosorbents (custard apple seeds and Aspergillus niger) using response surface methodology, Desalination and Water Treatment, 57, pp.14530-14543

196. Saravanan, P. Senthil Kumar, R. Mugilan, Ultrasonic assisted activated biomass (fishtail palm Caryota urens seeds) for the sequestration of copper ions from the wastewater, Research on Chemical Intermediates, 42, pp. 3117-3146

197. M. Jayaseelan, T. Arumugam, P. Senthil Kumar, N.Thangaraj, Biochemical quantification and antibacterial properties of Corallocarpus epigaeus, Bioscience Discovery, 7, pp.11-16

198. Gerard Neeraj, Santhana Krishnan, P. Senthil Kumar*, Kaliyur Ravi Shriaishvarya, V. Vinoth Kumar, Performance study on sequestration of copper ions from contaminated water using newly synthesized high effective chitosan coated magnetic nanoparticles, Journal of Molecular Liquids, 214, pp.335-346

199. P. Senthil Kumar, A. Saravanan, K. Anish Kumar, R. Yashwanth, S. Visvesh, Removal of toxic zinc from water / wastewater using eucalyptus seeds activated carbon: Non-linear regression analysis, IET Nanobiotechnology, 10, pp. 244-253

200. K. Nithya, Asha Sathish, P. Senthil Kumar, T. Ramachandran, Biosorption of hexavalent chromium from aqueous solution using raw and acid treated biosorbent prepared from Lantana camara fruit, Desalination and Water Treatment, 57, pp. 25097-25113

201. S. Suganya, K. Kayalvizhi, P. Senthil Kumar*, A. Saravanan, V. Vinoth Kumar, Biosorption of Pb(II), Ni(II) and Cr(VI) ions from aqueous solution using Rhizoclonium tortuosum: Extended application to nickel plating industrial wastewater, Desalination and Water Treatment, 57, pp. 25114-25139

202. S. Suganya, A. Saravanan, P.Senthil Kumar, M.Yashwanthraj, P. Sundar rajan K. Kayalvizhi, Sequestration of Pb(II) and Ni(II) ions from aqueous solution using microalga Rhizoclonium hookeri: Adsorption thermodynamics, kinetics and equilibrium studies, Journal of Water Reuse and Desalination(Article in press)doi: 10.2166/wrd.2016.200, pp.1-15

203. P. Senthil Kumar*, A. Saravanan, P. Sundar rajan, M.Yashwanthraj, Nano scale zero-valent iron impregnated agricultural waste as an effective biosorbent for the removal of heavy metal ions from wastewater, Textiles and Clothing Sustainability, 2, pp.1-11

204. G. Karthiga Devi, P. Senthil Kumar, K. Sathish Kumar, Green synthesis of novel silver nanocomposite hydrogel based on sodium alginate as an efficient bio-sorbent for the dye wastewater treatment: Prediction of isotherm and kinetic parameters, Desalination and Water Treatment, 57, pp.27686-27699

205. Saravanan, P. Senthil Kumar, P. Sundar rajan, Abishek S Narayan, Abhishek Dutta, Influence of ultrasonication on preparation of novel material for heavy metal removal from water/wastewater, Korean Journal of Chemical Engineering, 33, pp.2716-2731

206. R. Jothirani, P. Senthil Kumar, A. Saravanan, Abishek S Narayan and Abhishek Dutta, Ultrasonic modified corn pith for the sequestration of dye from aqueous solution, Journal of Industrial and Engineering Chemistry, 39, pp.162-175

207. Saravanan, P. Senthil Kumar, G. Karthiga Devi, T. Arumugam, Synthesis and characterization of metallic nanoparticles impregnated onto activatedcarbon using leaf extract of Mukia maderasapatna: Evaluation of antimicrobialactivities, Microbial Pathogenesis, 97, pp.198-203

208. T. Vinni Novi, V. Vinoth Kumar, P. Senthil Kumar, Charles Christy, Sundar Sai Lavanyaa, Dhanya Vishnu, A. Saravanan, V. Vasanth Kumar S. Sivanesan, Review on nano adsorbents: A solution for heavy metal removal from wastewater, IET Nanobiotechnology(Article in press) doi: 10.1049/iet-nbt.2015.0114, pp.1-12

209. P.R. Yaashikaa, A. Saravanan, P. Senthil Kumar, Isolation and Identification of Vibrio cholerae and Vibrio parahaemolyticus from prawn (Penaeus monodon) seafood : Preservation strategies, Microbial Pathogenesis, 99, pp.5-13

210. T. Anitha, P. Senthil Kumar, K. Sathish Kumar, Synthesis of nano-sized chitosan blended Polyvinyl alcohol for the removal of Eosin Yellow dye from aqueous solution, Journal of Water Process Engineering, 13, pp.127-136

211. E. Gunasundari, P. Senthil Kumar, Higher adsorption capacity of Spirulina platensis alga for Cr(VI) ions removal : Parameter optimization, equilibrium, kinetic and thermodynamic predictions, IET Nanobiotechnology(Article in press)doi: 10.1049/iet-nbt.2016.0121, pp. 1-12

212. Gerard Neeraj, Santhana Krishnan, P. Senthil Kumar, Hubert Cabana, V.Vinoth Kumar, Adsorptive potential of dispersible chitosan coated iron-oxide nanocomposites towards the elimination of arsenic from aqueous solution, Process Safety and Environmental Protection, 104, pp.185-195

213. P. Senthil Kumar K.N. Vaibhav, Shiv Rekhi, Akshay Thyagarajan, Removal of turbidity from washing machine discharge using Strychnos Potatorum seeds: Parameter optimization and mechanism prediction, Resource Efficient Technologies, 2, pp.S171-S176

214. N. DhatchanamoorthyT. Arumugam, P. Senthil Kumar, Rediscovery of Crotalaria rigida (Leguminosae)—Rare and endemic legume of Southern India, Tamil Nadu, Pytotaxa, 278, pp.297-300

215. Femina Carolin, A. Saravanan, P. Senthil Kumar, P. Sundar Rajan, V. Vinoth Kumar, Surface adsorption of poisonous Pb(II) ions from water using chitosan functionalized magnetic nanoparticles, IET Nanobiotechnology(Article in press)doi: 10.1049/iet-nbt.2016.0166, pp.1-11

216. Saravanan, P.Senthil Kumar, C. Femina Carolin, S. Sivanesan, Enhanced adsorption capacity of biomass through ultrasonication for the removal of toxic cadmium ions from aquatic system : Temperature influence on isotherms and kinetics, Journal of Hazardous, Toxic, and Radioactive Waste(Article in press)doi: 10.1061/(ACSE)HZ.2153-5515.0000355, pp.1-26

217. T. Arumugam, P. Senthil KumarK.P.Gopinath, HPTLC fingerprint profile, in vitro antioxidant and evaluation of antimicrobial compound produced from Brevibacillus brevis-EGS9 against multidrug resistant Staphylococcus aureus, Microbial Pathogenesis, 102, pp.166-172

218. Ravikumar*, P. Senthil Kumar, S.K. Subhashni, P.V.Tejaswini, V.Varshini, Microwave assisted fast pyrolysis of corn cob, corn stover, saw dust and rice straw: Experimental investigation on bio-oil yield and high heating values, Sustainable Materials and Technologies doi: 10.1016/j.susmat.2016.12.003, pp.1-10

219. M.P. Premkumar K. Sowmya, P. Senthil Kumar, V. Vinothkumar, V. Sathyaselvabala, D. Anuradha, S. Sivanesan, Adsorption of an anionic dye onto native and chemically modified agricultural waste, Environmental Engineering and Management Journal.

220. Saravanan, P. Senthil Kumar, Sequestration of toxic Cr(VI) ions from industrial wastewater using waste biomass: A review, Desalination and Water Treatment (Accepted for publication),

221. B.Naveena, P.Armshaw, J.T.Pembroke, K.P.Gopinath, Kinetic and optimisation studies on ultrasonic intensified photo-autotrophic ethanol production from Synechocystis sp., Renewable Energy, 95, pp. 522-530

222. R. Badri Narayan, R. Goutham, B. Srikanth, K.P. Gopinath, A novel nano-sized calcium hydroxide catalyst prepared from clam shells for the photodegradation of methyl red dye, Journal of Environmental Chemical Engineering, In press, In press

223. Josephin Alex, J. Dhanalakshmi and B. Ambedkar, "Experimental Investigation on Rice Husk Ash as Cement Additive in Concrete Making Process", Construction & Building Materials, 127, pp.353 – 362

224. D.Duraimurugan, L. Mathuri, J. Indulekha, R.Anantharaj, A.Arunagiri, Performance Evaluation of Tergitol NP-7 and Triton X-114 for the Removal of Crystal Violet Using Cloud-point Extraction., Chemical & Biochemical Engineering Quarterly, 30 (2), pp.189-198.

225. Mohd Azlan Kassim, Nor Asrina Sairi, Rozita Yusoff, R.Anantharaj, Yatimah Alias, Mohamed Kheireddine Aroua, Experimental densities and viscosities of binary mixture of 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide or glycerol with sulfolane and their molecular interaction by COSMO-RS., Thermochemical Acta, 639, pp. 130-147.

226. R. Yuvaraj, M. Murugappan, U. Rajendra Acharya, H Adeli, N. Mohammed Ibrahim and M. Edgar, "Brain functional connectivity patterns for emotional state classification in Parkinson's disease patients without dementia", Brain Behavior Research, 2016, Vol. 1, Issue 2016, pp. 248-260.

227. R. Yuvaraj and M. Murugappan, "Hemispheric asymmetry non-linear analysis of EEG during emotional responses from idiopathic Parkinson's disease patients", Cognitive Neuro dynamics, 2016, Vol. 10, Issue 3, pp. 225-234.

228. S. Vidhusha and A. Kavitha, "Inter-hemispherical Investigations on the Functional Connectivity of Autistic Resting State fMRI", International Journal of Cognitive Informatics and Natural Intelligence, April-June 2016, Vol. 10, Issue 2, pp. 95-108.

229. B. Geethanjali, K. Adalarasu, M. Jagannath and R. Rajasekaran, "Influence of pleasant and unpleasant music on cardiovascular measures and task performance", International Journal of Biomedical Engineering and Technology, 2016, Vol. 21, Issue 2, pp. 128-144.

230. N.P. GuhanSeshadri, B. Geethanjali and S. Pravin Kumar, "Analysis of heart sounds using time-frequency visual representations", International Journal of Biomedical Engineering and Technology, 2016, Vol. 21, Issue 2, pp. 205-228.

231. R. Sivaramakrishnan, J. Mallika, and D. Gnanaprakash, "Ocimum Basilicum L. essential oil coated biomaterial surfaces prevent bacterial adhesion and biofilm growth", Asian Journal of Pharmaceutical and Clinical Research, May-June 2016, Vol. 9, Issue 3, pp. 379-384.

232. S. Srinivasulu, P. Sakthivel and L. Suganthi, "A concise e-learning framework for medical databases using semantic web technologies", Research Journal of Pharmaceutical, Biological and Chemical Sciences, May–June 2016, Vol. 7, Issue 3, pp. 242 -250.

233. P. Meenachi and R. Subashini, "Synthesis, characterization and performance of hydroxyapatite coated 316L stainless steel", Journal of Chemical and Pharmaceutical Research, 2016, Vol. 8, Issue 3, pp. 340-347.

234. K. Nirmala, N .Venkateswaran. and C. Vinoth Kumar, "Fractal Feature based SVM Classification of Glaucomatous Image using PCA and Gabor Filter", International Journal of Advanced Engineering and Technology, Jan-March 2016, Vol. 7, Issue 1, pp. 156-160.

235. R. Sathish, R. Nithya, N. Roshini and S. Nivethithaa, "Assistive Device for Locomotion of Visually Impaired and Physically Challenged People", Applied Mechanics and Materials, Oct 2016, Vol. 852, pp. 806-811.

236. K. Nirmala, N. Venkateswaran, and C. Vinoth Kumar, "Kernel SVM Classifier for Detection of Glaucoma Using LBP Based Fractal Features", Asian Journal of Information Technology, Oct 2016, Vol. 15, Issue 15, pp. 2702-2708.

237. Pramila and Mahesh Veezhinathan, "Multivariate adaptive regression splines based prediction of peak expiratory flow with spirometric data", Technology and Healthcare, 2016, Vol. 24, pp. S253–S260.

238. P. Angel Jenifer, R. Nithya and M. Dhanalakshmi, "Smart Travelling Guide For Visually Challenged", International Journal of Scientific Engineering and Technology, 2016, Vol. 5, Issue 7, pp. 383-385.

239. R. Subashini, S. Namasivaya Naveen, V. Loganathan V, A. Mohammed Ikram and P. Meenachi, "Performance study of silver coated 316L stainless steel for orthopedic applications", Transylvanian Review, 2016, Vol 24, No 10.

240. K. Nirmala and N.Venkateswaran, "Local Binary Pattern Features based Detection of Glaucoma Using Support Vector Machine Classifier", Journal of Medical Imaging and Health Informatics, 2016, Vol. 6, No. 6, pp. 1370-1378.

241. B. Geethanjali, K. Adalarasu, M. Jagannath, and R. Rajasekaran, "Enhancement of task performance aided by music", Current Science, Dec 2016, Vol. 111, No. 11, pp. 1794-4801.

242. P. M. Sivaram, N. Nallusamy and M. Suresh, "Experimental and numerical investigation on solar parabolic trough collector integrated with thermal energy storage unit", International Journal of Energy Research, Vol. 40, 2016, pp. 1564-1575

243. P. Raghu and N.Nallusamy, "Spray Characteristics of Biodiesel Fuel in Constant Volume Chamber using Multi-response Optimization Technique" Journal of Thermal Science, Vol.25, No.6 (2016), pp. 581-588

244. N. Nallusamy, P. Tamilselvan and K. Vignesh"Experimental investigation of performance, combustion and emission characteristics of CI engine fuelled with Chicha oil bio-diesel", International Journal of Ambient Energy, 2016, DOI: 10.1080/01430750.2016.1206036

245. G.Raja Kumar, G.D.Janaki Ram &S.R.Koteswara Rao:Effect of Activated flux and Nitrogen addition on the bead geometry of Borated stainless steel GTA Welds, Materials and Technolgy, Mar 2016, Vol.50, Issue 3, pp.103-110

246. R.Sasidharan, S.Rajendra Boopathy, S.Vijayan, S.R.Koteswara Rao : Optimization of bead geometry for duplex stainless steel GTA welds using the Taguchi approach, Materials Testing, Mar 2016, Vol.58, Issue 4, pp.312-743.

247. T.S. Rao, G.M. Reddy, S.R.K.Rao, "Studies on variations in microstructure and hardness of AA7075-T651 Aluminum alloy Friction stir welds", La Metallurgia Italiana, May 2016, Vol.1, pp. 29-35.

248. S.Prasath, S.Vijayan, S.R.Koteswara Rao:Optimization of Friction stir welding process parameters for joining ZM21 to AZ31 of dissimilar Magnesium alloys using Taguchi Technique, La Metallurgia Italiana, May 2016, Vol.5, pp.25-33.

249. K. Subbaiah" Laser beam and friction stir welding of AA5083-H321 Aluminum alloy plates" Indian journal of Advances in chemical sciences, Mar 2016, Vol.S1, pp.132-136.

250. K.Subbaiah"Tensile Properties and Microstructure of Friction Stir Welded Cast Al-Mg-Sc Aluminum Alloy", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp 375-380

251. A.K.Lakshminarayanan, Enhancing the properties of friction stir welded stainless steel joints via multi-criteria optimization, Archives of Civil and Mechanical Engineering (Elsevier), Sep 2016, Vol. 16, Issue 4, pp. 605-617.

252. Dhananchezian M, Thinesh T, Steven Niketan Paul, Inian Roy A, " Study of machinability charactertics for turning Austenitic (316L) and Super duplex (2507) stainless steel using PVD - TiAlN nano multilayer inserts", ARPN Journal of Engineering and Applied Sciences, May 2016, Vol. 11(2), pp.1262 - 1268.

253. Prasad Rao Kalvala, Javed Akram, Mano Misra, Damodaram Ramachandran, Janaki Ram Gabbita: Low temperature friction stir welding of P91 steel, Defence Technology, Jan 2016, Vol.12, pp. 285-289.

254. Selvaraj Mand Selvakumar G, "Study of Tool Parameters Influence on Peak Temperature During Friction Stir Welding", Journal of Manufacturing Engineering, Society for Manufacturing Engineers (SME), India, Jun 2016, Vol. 11, Issue 2, pp. 117-120.

255. M. Selvaraj and G. Selvakumar, "Prediction of Heat Generation during Friction Stir Welding of an Aluminium Alloy", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 260-266.

256. Selvaraj M, Sticking and sliding heat generation during friction stir welding of an aluminium alloy, Journal of Manufacturing Engineering, 2016, Vol.11(2), pp 113-116.

257. A.Bharathkumar, M.S.Alphin and M. Selvaraj, "New Mechanism to improve the competences of Power Generation", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp 575-581.

258. Sriramkausik K and Alphin M S Experimental Study for Dynamic and Surface Interaction Characteristics of Knee in-Vitro, Procedia Engineering, 1877-7058, DOI: 10.1016/j.proeng.2016.05.139, pp. 321-327.

259. N S Siddharth, S Vishakaraj S, Alphin M S, Vigneshwar M, Vijayakumar L, Design of Crank Operated reciprocating hacksaw, Applied Mechanics and Materials, 2016, Vol. 852, (Anna Univ Anneex II, SJR Imp Factor:0.13), pp 564-567.

260. G.Selvakumar, K.Bravilin Jiju, S.Sarkar and S.Mitra, "Enhancing Die Corner Accuracy through Trim Cut in WEDM", International Journal of Advanced Manufacturing Technology (IJAMT), Springer, Jan 2016, Vol. 83 (5-8), pp.791-803.

261. G. Selvakumar, K. Bravilin Jiju and R.Veerajothi, "Experimental Study on Wire Electrical Discharge Machining of Tapered Parts", Arabian Journal for Science and Engineering (AJSE), Springer, May 2016, Vol.2, pp. 275-283.

262. J. Manohar, S. Ramprakash, G. Selvakumar and Dhiliban, "A Case Study on Insulating Main Steam Line (MSL) with Silica Aerogel", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 693-698.

263. K.Velayutham, K. Venkadeshwaran and G. Selvakumar, "Process Parameter Optimization of Laser Forming Based on FEM-RSM-GA Integration Technique", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 236-240.

264. G. Selvakumar, G. Thiruppathi Kuttalingam, M.Selvaraj and J. Manohar, 'Enhancing Die Corner Accuracy Using Path Modification Strategy in WEDM of MONEL 400', Mechanical Engineering Science' (: 0.73), Publisher: Sage.

265. L. Poovazhagan, K. Jayakumar, R. Bharat, Kailash Viswanathan, M. Akshay, Adithya Jaikumar, Synthesis and machining characterization of ultrasonication assisted stir cast SiCp reinforced aluminum nanocomposite, Materials Today : Proceedings, May 2016, Vol.3, pp.2339-2346.

266. Poovazhagan Lakshmanan, Kalaichelvan.K and Sornakumar.T, Processing and performance characteristics of aluminum-nano Boron carbide metal matrix nanocomposites, Materials and Manufacturing Processes Taylor and Francis, May 2016, Vol.31, pp 1275-1285.

267. Poovazhagan.L, Amith.S.C, Magesh.S, Naveen.D, "Ultrasonication assisted casting of bulk aluminum metal nanocomposites", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp 104-109.

268. K. Jayakumar, "Effect of SiCp Reinforcement on Machinability of A356 Alloy Metal Matrix Composites", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp.142-148.

269. K. Jayakumar, A. Jayaganth and A. Deepak Mani, "Experimental Study on Effect of Machining Parameters and Environment on Drilling Characteristics of Stainless Steel 304", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp.273-278.

270. K. Sekar, M. Manohar, K. Jayakumar, "Investigation of Mechanical and Tribological Properties of A356 alloy Al2O3-SiCp Hybrid Composites through Stir and Squeeze casting", Advanced Engineering Research, Oct 2016, Vol. 03, pp.89-92.

271. Kuriachen. B, Deepak. G.D, Jayakumar.K, Somashekar.K and Jose Mathew, "Optimization of μ - wire electrical discharge machining parameters of Inconel 718", Journal of Manufacturing Engineering, Sep 2016, Vol. 11, pp.147-150.

272. S. Rajkumar, "Multizone Phenomenological Modeling of Combustion and Emissions for Multiple-Injection Common Rail Direct Injection", ASME Journal of Engineering for Gas Turbines and Power, July 2016, Vol. 138, pp.375-382.

273. S. Rajkumar and J. Thangaraja, Multi-zone phenomenological combustion modeling of biodiesel fueled compression ignition engine, International J of Engine Research, 2016, Vol. 17(9) pp.934–956.

274. M. Ajin, P. Karthikeyan and Satheesh Kumar Gopal, "Design, Structural and Kinematic Analysis of Reconfigurable Sewage Cleaning Robot", Applied Mechanics and Materials, Sep 2016, Vol.852, pp. 763-769.

275. M. Ajin, P. Karthikeyan and Satheesh Kumar Gopal, "Geriatric Walk Assist Robot - Design, Analysis and Implementation of a Modular Lower Limb Exoskeleton Robot", Applied Mechanics and Materials, Sep 2016, Vol.852, pp. 770-775.

276. Arun Prakash, M. Suba Karthik and B. Anand Ronald, "Influence of Steel Shots Size on Tensile Properties of Magnetic Moulded MMC", Applied Mechanics and Materials, Sep 2016, Vol.852, pp. 118-122.

277. B. Anand Ronald, C. Arun Prakash, M. Suba Karthik, K.V.J. Arun, Influence of Steel Shot Size on the Permeability of Mould, Perspectives in Science,

278. K.S.Vijay Sekar, Bhanu Prasad. V. V, Nithiya Sandhiya. Y. J, Thamizharasan. M. M, "Finite element analysis of the effect of cutting speed on the orthogonal turning of A359/SiCp MMC", Applied Mechanics and Materials, Sep 2016, Vol.852, pp.304-310.

279. Shivaram .P.R, Sushinder.K, Nivedh Kannaa.S.B, Nisarg Gupta and K.S.Vijay Sekar, "Experimental Investigation and Finite Element Analysis of milling of Ti-6Al-4V Titanium alloy by studying cutting forces and chip microstructure", Applied Mechanics and Materials, Sep 2016, Vol.852, pp.311-316.

280. Sriram S, Vignesh V, Pradeep Kumar M and K.S.Vijay Sekar, "Finite Element Modelling of Orhogonal Cryogenic Machining Process", Applied Mechanics and Materials, Sep 2016, Vol.852, pp.248-254.

281. J.Sylvya Rebecca and M. Nalla Mohamed, "Estimation of aerosol emission in die sinking EDM process through numerical modelling", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 290-296.

282. A.Praveen kumar and M. Nalla Mohamed, "Development of novel natural composites with fly ash reinforcements and investigation of their tensile properties", Applied Mechanics and Materials, Sep 2016, Vol.852, pp. 55-60.

283. M. Nalla Mohamed, D.Ananthapadmanaban, M.Selvaraj, "Numerical modeling of energy absorption behaviour of aluminium foam cored sandwich panels with different

Fibre Reinforced Polymer (FRP) composite facesheet skins", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 66-71.

284. A.Praveen kumar and M. Nalla Mohamed, "Experimental Prediction and numerical modeling of Ductile Damage and Failure Modeling of Aluminium sheet metal specimen", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 369-374.

285. M.Selvaraj, D.Ananthapadmanaban, M. Nalla Mohamed, "Effect and contribution of weld parameters on peak temperature during friction stir welding", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp.267-272.

286. A.Praveen Kumar, M.Nalla Mohamed, A Novel Automated Design Calculating System For Axisymmetric thinwalled structures By Deep drawing process, Journal of Advanced Engineering Research, 2016, Vol.3, Issue 2, pp.128-133.

287. K. Rajkumar, Saigopal Vasudevan, N.Subbiah, "A Comparative Study on the Brass-Steel Tribo-Pair under Dry and Lubricated Sliding Conditions", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 416-421.

288. P.Sabarinathan, K.Rajkumar, A.Gnanavelbabu, "Mechanical Properties of Almond Shell- ugarcane Leaves Hybrid Epoxy Polymer Composite", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp.43-48.

289. D.Senthilnathan, K.Rajkumar, A.Gnanavelbabu, P.Sabarinathan, "Mechanical Properties and Machinability Studies on the Human Hair-Coconut Coir-Glass Fibre Hybrid Composite", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp.79-84.

290. K.A. Varun, K. Rajkumar, A. Gnanavelbabu, "Wear and Life Characteristics of Al-B4C Nano Graphite Composite", Journal of Advanced Engineering Research, Sep 2016, Vol. 3(1), pp.61-65.

291. R.Panneerdhass, A.Gnanavelbabu, K.Rajkumar, "Preparation, Properties and Machinability Study of Luffa Fiber - Groundnut Shell Reinforced Epoxy Composite", Applied Mechanics and Materials, Sep 2016, Vol. 852, pp. 29-35.

292. M. Sankar, A. Gnanavelbabu, K. Rajkumar, N. A. Thushal, "Electrolytic Concentration Effect on the Abrasive Assisted-Electrochemical Machining of Aluminium-Boron Carbide Composite" Materials & Manufacturing Processes, Sep 2016, pp.1-6.

293. K. Rajkumar and S.Aravindan, "Mechanical, Electrical, and Tribological Properties of Copper–Graphite Composites' Chapter 13, under the Composite Materials- Processing, Applications, Characterizations, Springer-Verlag Berlin Heidelberg 2016, DOI 10.1007/978-3-662-49514-8_13

294. M.Sankar, A.Gnanavelbabu, K.Rajkumar, M.Mariyappan, "Electro Chemical Machining of Aluminum-Boron Carbide-Nano Graphite Composites", Applied Mechanics and Materials, Sep 2016, Vol.852, pp.136-14.

295. N. Lakshmi Narasimhan and P. Karthik, Evaluation of key design parameters of an encapsulated latent heat thermal storage unit, Applied Mechanics and Materials, 2016, Vol. 852, No: 5 (2016), Trans Tech Publications doi:10.4028/www.scientific.net/AMM.852.652, pp. 652-658

296. B. Jayakishan and N. Visveshwar, "Evaluation of Performance, Combustion and Emission Characteristics of a Compression Ignition Engine Using Methyl Esters of Mahua Oil", GRD Journal for Engineering, Nov 2016, Vol. 1, issue 12.

297. E.Ravikumar, N.Arunkumar, D.Ananthapadmanaban, Corrosion Studies in Friction welded Aluminium to Copper with Nickel Interlayer, Transylvanian Review, No 12, 2016, Volume 26.

298. S. Subbaraj, V. S. Ramalingam, M. Kanagasabai, E. F. Sundarsingh, Y. P. Selvam and S. Kingsley, "Electromagnetic Nondestructive Material Characterization of Dielectrics Using EBG Based Planar Transmission Line Sensor, " in IEEE Sensors Journal, Oct.1, 2016, Vol. 16, no. 19, pp. 7081-7087.

299. V.E.Annamalai and M.J.Hepsi Beaula, "Effect of aligning internal pores in a grinding wheel", Applied Mechanics and materials, Vol 852, pp.192-197, DOI: 10.4028/www.scientific.net/AMM.852.192

300. S. Dinesh Kumar and S. Soma Sundaram, "Numerical Analysis on a Novel Burner Design With Fibonacci Curves", Indian Journal of Science and Technology, Vol 9(46), DOI: 10.17485/ijst/2016/v9i46/104605.

301. P. Sabarinathan, K. Rajkumar, A. Gnanavelbabu, Investigation of Mechanical Properties of Luffa Cylindrical and Flax Reinforced Hybrid Polymer Composite, Journal of Advanced Engineering Research, 2016, Volume 3, Issue 2, pp.124-127.

302. K.A. Varun, K. Rajkumar, K.L. Hari Krishna, The Effect of Synthetic Diamond Powder on the Mechanical Properties of PEEK, Journal of Advanced Engineering Research, 2016, Volume 3, Issue 2, pp.112-115.

303. Deepakumaran R, Shashank S, Ebenezer D and Tarun M, "Performance studies on a compressed air driven modified commercial two-stroke engine", Journal of Chemical and Pharmaceutical Sciences, 2016, Special Issue 2, pp 11-13.

304. S. Rajesh, M. Dhananchezian, A. Inian Roy, On-line monitoring of drill wear in machining of AISI 1040 steel using Virtual Instrumentation, Applied Mechanics and Materials, 852, 205-211

305. R Prakash, Karthiek N, P. Ashwath, Anand H, Adithya G"Numerical Study on a Conical Diffuser with Inlet Swirl", I. Journal of Applied Mechanics and Materials 2016, Vol. 852, pp 688-692.

306. R. Ranjani, M. Nandhini and C.Arun Prakash, "Autonomous External Glass Cleaning Robot" Applied Mechanics and Materials, Sep 2016, Vol 852, pp 757-762.

307. R. Nirmala and R. Rajkumar, Finite Element Analysis of Buried UPVC Pipe, Indian Journal of Science and Technology, 9, pp. 1-5.

308. S. Ramanagopal, B. Mahalingam, P. Sreehari, K. Mohammed Haneefa, &(4 UG students), A Study on Geopolymers with Baggasse ash Blended Class F Fly ash, International Journal of Applied Engineering Research, 11, pp. 1803 -1809.

309. R. Rajkumar(2 UG students), Experimental study on the strength of durability of nano concrete, International Journal of Applied Engineering Research, 11, pp.1803 -1809.

310. S. Muthulingam, B. N. Rao, Chloride binding and time-dependent surface chloride content models for fly ash concrete, Frontiers of Structural and Civil Engineering, 10, pp.112-120.

311. P. Sangeetha, R. Senthil, Analytical Study on influence of concrete parameters on composite space Truss, International Journal of Advanced Engineering Technology, 7, pp.184-188.

312. S. Muthulingam and B. N. Rao, Effects of rebar on chloride ingress in steel reinforced concrete components, Journal of Structural Engineering, 43, pp.135-149.

313. Sivapriya S. V, Vinothkumar S, Nagarajan V, Utilization of Copper slag as a reinforcing Material, International Journal of Science Technology & Engineering, 2, pp.149-153.

314. R. Rajkumar and 1 UG student, Retrofitting of Concrete circular columns using CFRP, International Journal of Engineering Sciences &Research Technology, 5, pp.168-177

315. R. Rajkumar, PoornimaRajkumar and 2 UG students, Prediction of Failures in Buildings Using Sensors, International Journal of Engineering Sciences & Research Technology, 5, pp.694-699.

316. Sivapriya and 3 UG students, Effective resuage method of waste material – Disposed plastics, International Research Journal of Engineering and Technology, 3, pp.709-712.

317. B. Mahalingam, K. Nagamani, L. S. Kannan, K. Mohammed Haneefa, A. Bahurudeen, Assessment of hardened characteristics of raw fly ash blended self-compacting concrete, Perspectives in science, 8, pp.709-711.

318. Mahima S, Soumya K, Bahurudeen A, Haneefa M K, Mahalingam B, Advanced Machines and Automation Techniques in Modern Construction practice and their possible use in India, Applied Mechanics and Materials, 852, pp.839-845.

319. Haneefa M K, Girish S, Ranganath R V, Saikia B, A Structural Dynamic approach to Evaluate modulus of Elasticity of Cantilever Beam, Applied mechanics and Materials, 852, pp.483-488.

320. Sabapathy Y K, Strength Properties of coated E-glass fibres in concrete, Gradevinar, 68, pp.697-703.

321. Nirmala R, Rajkumar R, and 1 UG student, 1 PG student, Experimental and theoretical studies on Un-Plasticized poly vinyl chloride (UPVC) Pipe buried in cohesionless backfill, International Journal of advanced Engineering Technology, 7, pp.122-125.

322. Manoharan R, Rajkumar R and 1 UG student, Study on compressive strength characteristics of spherical hollow core cement concrete blocks usingferro sand (copper slag), International Journal of Recent Research Review, 1, pp.72-79.

323. S. Muthulingam, Gaussian descriptions of corrosion initiation in steel bars of fly ash concrete elements, Structure and Infrastructure Engineering, pp.1-19.

324. M. Shanmugapriya, "Magnetohydrodynamic (MHD) Mixed Convective Flow and Heat Transfer over an Inclined Plate with Radiation Effect", ARPN Journal of Engineering and Applied Sciences, 2016, Vol. 11, No. 3, (ISSN 1819-6608).

325. S.Sophia, "Transient Analysis of a Discouraged Arrival Queue Subject to Total Catastrophies, Failures and Repairs", International Journal of Pure and Applied Mathematics, 2016, Vol. 108, No. 1, (ISSN 1311-8080), pp.93-106.

326. P. Paulraja and S. Sampath Kumar, "Edge Disjoint Hamilton Cycles in Knodel Graphs", Discrete Mathematics and Theoretical Computer Science, 2016, Vol. 17, No. 3, (ISSN 1365-8050), pp. 263-284.

327. Lakshmipriya R, Padmapriya N, Hanis S, "Multiresolution based detection of Macular Degeneration", International Journal of Applied Engineering Research, 2016, Vol.11, Number 4, (ISSN 0973-4562), pp. 2161-2164.

328. Crostack H.A., and Padmapriya N., "NDT of Coatings, Surface Modified Layers, and Adhesives". In: Saleem Hashmi (editor-in-chief), Reference Module in Materials Science and Materials Engineering. Oxford: Elsevier, 2016, (ISBN: 978-0-12-803581-8), pp. 1-4.

329. Kinloch A.J., and Padmapriya N., Polymer Glasses, "Fracture of Adhesive Joints" In: Saleem Hashmi (editor-in-chief), Reference Module in Materials Science and Materials Engineering. Oxford: Elsevier, 2016, (ISBN: 978-0-12-803581-8), pp. 1-5.

330. Boyer R., and Padmapriya N., "Aircraft Materials". In: Saleem Hashmi (editor-in-chief), Reference Module in Materials Science and Materials Engineering. Oxford: Elsevier, 2016, (ISBN: 978-0-12-803581-8), pp. 1-9.

331. G.Deepa, B. Praba, V.M.Chandrasekaran, "Spreading rate of Virus on Extreme Energy of An Intuitionistic Fuzzy Graph", International Journal Of Pharmacy & Technology, 2016, Vol. 8(2), (ISSN 0975-766X), pp.13286-13294.

332. B.Praba, A. Manimaran, V. M. Chandrasekaran, "Total Graph and Complemented Graph of a Rough Semiring", Gazi University Journal of Science, 2016, Vol. 29(2), (ISSN 1303 9709), pp.459-46.

333. G.Deepa, B. Praba, V.M.Chandrasekaran, "A Study on Energy of an Intuitionistic Fuzzy Directed Graph", Research Journal of Pharmacy and Technology, 2016, Vol. 9 (2), (ISSN 0974-360X), pp.190-195.

334. Manimaran, V. M Chandrasekaran and B. Praba, "A Review of Fuzzy Environmental Study in Medical Diagnosis System", Research Journal of Pharmacy and Technology, 2016, Vol. 9 (2), (ISSN 0974-360X), pp.119-126.

335. B.Praba, G.Deepa and V.M.Chandrasekaran, Spreading rate of virus between incoming and outgoing links of a website through an intutionistic fuzzy graph, International Journal of Pure and Applied Mathematics, 2016, Vol.109 No. 4, pp.799-812.

336. G.Deepa, B.Praba and V.M.Chandrasekaran, Spreading Rate of Virus on Energy of Laplacian Intuitionistic Fuzzy Graph, Research J. Pharm. and Tech., 2016, Vol.9, Issue 8.

337. R.Sundareswaran, V.Swaminathan, "Integrity and Domination Integrity of Gear Graphs", TWMS J App. Eng. Math., 2016, Vol.6, no.1, (ISSN 2146 1147), pp. 54-63.

338. P. Pushpalatha, G. Jothilakshmi, R.Sundareswaran, "Forcing sets in graphs with respect to domination", International Journal of Applied Engineering Research, 2016, Vol. 11 No.1, (ISSN 0973-4562), pp.136-138.

339. Sujatha, R, Saravanan, M, Sundareswaran, R, "Integrity of Fuzzy Graphs", Bulletin of the International Mathematical Virtual Institute, 2016, Vol.6, (ISSN 2303-4874), pp.89-96.

340. Sujatha, R., Rajalaxmi, T.M., "Hierarchical Fuzzy Hidden Markov Chain for Web Applications", International Journal of Information technology & Decision Making, 2016, Vol.15, No.1, (ISSN 0219-6220), pp.83-117.

341. R.Sujatha, M.Boopathi, C.Senthilkumar, S.Narasimman, "Reliability Estimation of m-out-of-n Standby Systems using Fourth Order Runge Kutta Algorithm", SRESA's

International Journal of Life Cycle Reliability and Safety Engineering, 2016, Vol.5, Issue 1, (ISSN 2250-0820), pp. 20-31.

342. Jayakaran Amalraj and G. Alexander Raymand, Core Variation in an Externally Pressurized Converging Thrust Bearing with Bingham Lubricant, Applied Mechanics and Materials, 2016, Vol. 852, (ISSN 1662-7482), pp 428-434.

343. Williamson A., and Padmapriya N., Cost of Alternative Techniques for Manufacturing Composite Aerospace Designs. In: Saleem Hashmi (editor-in-chief), Reference Module in Materials Science and Materials Engineering. Oxford: Elsevier, 2016, (ISBN: 978-0-12-803581-8), pp. 1-5.

344. Namkung M., Wincheski B., and Padmapriya N., NDT in the Aircraft and Space Industries. In: Saleem Hashmi (editor-in-chief), Reference Module in Materials Science and Materials Engineering. Oxford: Elsevier, 2016, (ISBN: 978-0-12-803581-8), pp. 1-4.

345. M.Shanmugapriya, Effect of Thermal Radiation on Forced convective flow over a porous moving plate, International Journal of Mechanical Engg and Technology, 2016, Vol.7, Issue 6, pp.577-588.

346. S. M. Asha Banu, S. Sakthivel Murugan, P. Venugopal, Study Of Vertical Coherence In Shallow Water Ambient Noise, Advances in Natural and Applied Sciences, 2016, Vol.10, No.14, pp. 59-64.

347. R. Ravisankar, Y. Raghu, A. Chandrasekaran, M. Suresh Gandhi, P. Vijayagopal, B. Venkatraman, Determination of natural radioactivity and the associated radiation hazards in building materials used in Polur, Tiruvannamalai District, Tamilnadu, India using gamma ray spectrometry with statistical approach, Journal of Geochemical Exploration, Jan 2016, (IF- 2.747), Vol 163, (ISSN 0375-6742), pp. 41-52.

348. G. Annadurai, S. M. M. Kennedy, Synthesis and Photoluminescence Properties of Ba2CaZn2Si6O17: Eu   Red Phosphors for White LED Applications, J. Lumin., Jan 2016, (IF-2.232), Vol 169, (ISSN Number: 0022-2313 / ISSN 0953-4075), pp. 690 – 694.

349. G. Annadurai, S. Masilla Moses Kennedy, V. Sivakumar, Luminescence properties of a novel green emitting Ba2CaZn2Si6O17:Eu2+ phosphor for white light emitting diodes applications, Superlattices and Microstructures, May 2016, (IF-2.097), Vol 93, (ISSN: 0749-6036 (Print), 1096-3677 (Online)), pp. 57-66.

350. Structural and optical effects induced by gamma irradiation on NdPO 4 : X-ray diffraction spectroscopic and luminescence study, S. Sadhasivam, N.P. Rajesh, Materials Research Bulletin, Feb 2016, IF.2.382, Vol.74, (ISSN:0025-5408), pp. 117-123.

351. Senthil Kumar Chandran, Rajesh Paulraj, P. Ramasamy   Structural,   optical, thermal, photoconductivity, laser damage threshold and fluorescence analysis of an organic material: β-P-amino benzoic acid single crystal, Optical Materials, Feb 2016 (IF 1.98), Vol, 52, ISSN 0925-3467, pp. 49-55.

352. A.Silambarasan, E. Nageswara Rao, S. Venugopal Rao, P. Rajeshand P. Ramasamy Bulk growth, crystalline perfection and optical characteristics of inversely soluble lithium sulfate monohydrate single crystals grown by the conventional solvent evaporation and modified Sankaranarayanan–Ramasamy method, CrystEngComm Feb 2016 (IF 4.034), Vol. 18, pp.2072-2080, pp.1466-8033

353. G. Babu Rao, P. Rajesh and P. Ramasamy, Investigations on the growth, optical, thermal, dielectric, and laser damage threshold properties of crystal violet dye-doped

potassium acid phthalate single crystal, Applied Physics A: Material Science and Processing, Feb 2016 (I.F 1.44), Vol. 122, ISSN 1432-0630, pp. 175 (1-8).

354. S. Manikandan, R.Mahalakshmi, P.Krishnan, F.Yogam, P. Rajesh Growth, structural, optical, thermal and dielectric properties of l-asparagine monohydrate admixture l-thiomalic acid single crystal Optik - International Journal for Light and Electron Optics, Mar 2016 IF 0.677, Vol. 127, "ISSN 0030-4026", pp.5316-5321.

355. A.Silambarasan, P.Rajesh, U.Madhusoodanan, P.Ramasamy Investigation on the solubility, crystal growth, optical, laser damage threshold, NLO, photoluminescence and dielectric properties of pure and cadmium(cd2+) doped lithium sulfate monohydrate single crystal , Material Research Innovations 1433-075 X 21, Apr 2016, pp.1-6.

356. G. Babu Rao, P. Rajesh and P. Ramasamy Unidirectional growth of non-linear optical Triglycine calcium dibromide single crystal by Sankaranaryanan–Ramasamy method Journals of Crystal Growth, Apr 2016   (IF 1.698), Vol. 440ISSN 0022-0248 pp.47-54.

357. G. Anandha babu, I. Takahashi, S. Matsushima, N. Usami, Improved multicrystalline silicon ingot quality using single layer silicon beads coated with silicon nitride as seed layer, J. Crystal Growth, May 2016 (IF- 1.63), Vol. 441, (ISSN 0022-0248), pp. 124-130.

358. Y.Raghu, R.Ravisankar, A.Chandrasekaran P.Vijayagopal, B.Venkatraman, Assessment of natural radioactivity and radiological hazards in Brick samples used in Tiruvannamalali   Dist, Tamilnadu, India with statistical approach, Health physics, Mar 2016, (IF- 1.193), Vol. 11(3), (ISSN 1538-5159), pp. 265-280.

359. G.Latha, P. Nair, Photonic Crystal Fiber based Optical Studies of Oil Deterioration by Near Field Imaging, Optik - Int. J. Light Electron Opt, Sep 2016, (IF 0.742), Vol. 127, (ISSN. 0030-4026), pp.10991-10998.

360. G. Annadurai, M. Jayachandiran, S. Masilla Moses Kennedy, V. Sivakumar, Synthesis and photoluminescence properties of Ba2CaZn2Si6O17:Tb3+ green phosphor, Materials Science and Engineering B, Jun 2016, (IF-2.169), Vol. 208, (ISSN: 0921-5107 (Print), 1873-4944 (Online)), pp. 47-52.

361. G. Annadurai, S. Masilla Moses Kennedy, V. Sivakumar, Photoluminescence properties of a novel   orange-red emitting Ba2CaZn2Si6O17:Sm3+ phosphor, J. of Rare Earths, Jun 2016, (IF-1.261), Vol. 34, (ISSN Number: 1002-0721), pp. 576-582.

362. S. Sadhasivam, Rajesh Narayana Perumal, P. Ramasamy, Growth, structural, thermal, electrical and nonlinear optical properties of Yb 3+ doped KTiOPO4, Journal of Crystal Growth, 1 Jul 2016, IF-1.46, Vol. 445, (ISSN-0022-0248), pp. 84-89.

363. S. Sadhasivam, Rajesh Narayana Perumal, Translation effects on vertical Bridgman growth and optical, mechanical and surface analysis of 2phenylphenol single crystal, AIP conf. proc., No.1, 2016, Vol. 1728, pp. 1-4.

364. R.P. Jebin, T. Suthan, N.P. Rajesh, G.Vinitha, S.A. Britto Dhas.Studies on crystal growth and physical properties of 4- (dimethylamino) benzaldehyde-2, 4-dinitroaniline single crystal, Optical Materials, Jul 2016 IF-2.24, Vol. 57, (ISSN-0925-3467), pp. 163-168,

365. Rajesh Narayana Perumal, G. Subalakshmi, Near-infrared down-conversion in Yb3+:TiO2 for solar cell applications, J Mater Sci: Mater Electron, 1-7, Oct 2016 IF 1.798, Vol. 27, (ISSN 0957-4522).

366. A.Silambarasan, P. Rajesh, R Bhatt, I Bhaumik, AK Karnal, P. Ramasamy Investigation on crystalline perfection, optical transmittance, birefringence, temperature-dependent refractive index, laser damage threshold and pyroelectric characteristics of inversely soluble lithium, Applied Physics A: Material Science and Processing, Jul 2016 (I.F 1.44), Vol. 122, ISSN 1432-0630, pp. 736 (1-9).

367. P.Nagapandiselvi, C.Baby, R.Gopalakrishnan, Synthesis, growth, structure, mechanical and optical properties of a new semi-organic 2-methyl imidazolium dihydrogen phosphate single crystal, Materials Research bulletin, Sep 2016 (IF. 2.38), Vol. 147, (ISSN: 0025-5408), pp.33-42.

368. V. Sangeetha Priya, K. Iyappan, V.S. Gayathri, S. William, L. Suguna, "Influence of pullulan hydrogel on sutureless wound healing in rats", Wound Medicine, 14, 2016, pp. 1-5.

369. NM Suleimanov, SRS Prabaharan, SM Khantimerov, FA Nizamov, MS Michael, H Drulis, P Wisniewski, "Magnetic order and electronic properties of Li2Mn2 (MoO4) 3 material for lithium-ion batteries: ESR and magnetic susceptibility studies, Applied Physics A 2016, Vol.122 (8), pp. 754.

370. M. S. Michael, Ajit R. Kulkarni, S.R. S. Prabaharan, "Design of Monolayer Porous Carbon-Embedded Hybrid-LiMnPO$_4$ for High Energy Density Li-Ion Capacitors", J. Nanosci. Nanotechnol, 2016 (if-1.338), 16, pp. 7314-7324.

371. Mallanaicker Myilsamy, Mani Mahalakshmi, Nallasivam Subha, Ariyamuthu Rajabhuvaneswari and Velayutham Murugesan, "Visible light responsive mesoporousgraphene–Eu2O3/TiO2 nanocomposites for the efficient photocatalytic degradation of 4-chlorophenol" RSC Adv., 6, 2016, 35024.

372. Thiruvenkataswami. S. (2016)."Does English language acquisition take place inside the classroom (EICL) or outside the classroom? (EOCL) -Implications for classroom practice at the tertiary level", The English Classroom, Vol. 18, Issue 1, pp 1-10.

373. Martha Karunakar (2016)."Teaching English to Rural Students through a Bridge Course: A Study of a Select Batch in a Technical College". The English Classroom, Vol.18, Issue 1, pp 104-114.

374. Dr. Divya John (2016)."Augmenting the Verbal Communication of Students by Changing their Learning Behaviour". The English Classroom, Vol. 18, Issue 1, pp 61-77.

375. Divya John (2016)"Training the Dragon, "Voices, IATEFL 50th Anniversary Issue 1, Issue 250, pp 3.

376. Divya John (2016)"Love Rewritten, " Poetry India - Voices in Shade and Sunshine: An Anthology of All India Poetry Competition 2015, The Poetry Society (India), pp 52-53.

377. Deepesh. C. (2016)."Mother-Tongue vs Pseudo-English Medium School Education: Evidence of Contrast in the English Language-learning Experiences of Students in Technical Colleges", The English Classroom, Vol.18, Issue 1, pp 52-60.

378. Praveen Sam D. (2016)."Natural Approach of Teaching English Language on a Flipped Classroom Platform to Tertiary Level Engineering", International Journal of Educational Sciences, Vol.14, Issue 1-2, pp. 13-18.

379. Praveen Sam D. (2016)."Learning beyond the Classroom through WhatsApp: An Informal Channel to Motivate Learners to stay Connected", Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 9, pp.1826 – 1833.

List of Journal Publications in National Journals
from January 2016 to December 2016

1. Dr.V.Rajini and Abitha Memala W, "Information Theoretic Criteria for induction motor fault identification" Indian Journal of Science and Technology, Vol. 8(30), DOI: 10.17485/ijst/2015/v8i30/70494, ISSN (Print) : 0974-6846, ISSN (Online) : 0974-5645.

2. Leo Raju, Milton SAKAYA and Antony Amalraj Morais(final year), "Autonomous Energy Management of a Micro-Grid using Multi Agent System" Indian Journal of Science and Technology, Apr 2016, Vol. 9(13), Thomson Reuter Indexed. Scoupus, SJR 0.27.

3. M. Vijayalakshmi, R. Ramaprabha and G. Ezhilarasan, "Design of Auxiliary Resonant Boost Converter for Flywheel based Photovoltaic Fed Microgrid", Indian Journal of Science and Technology (IJST), Apr 2016, Vol. 9, No. 13, (ISSN-Print: 0974-6846; ISSN - Online: 0974-5645), (DOI: 10.17485/ijst/2016/v9i13/87199) Scopus Index 1.3.

4. R. Seyezhai and V. Aarthi, "Simulation And Implementation Of AC-DC Interleaved Boost Converter With Voltage Multiplier For PHEV", ICTACT Journal On Microelectronics, Jul 2016, Vol. 02, Issue: 02, ISSN: 2395-1680. No Pay Journal, pp.247256.

5. Rajini V and Abhitha memala, "Parametric Method based Inter-Turn Incipient Short Circuit Stator Fault Detection of Induction Motor" Indian Journal of Science and Technology, Nov 2016, Vol 9(43), DOI: 10.17485/ijst/2016/v9i43/104668.

6. Davis Presley and Bhuvaneswara Gurunathan, "Synthesis of 2E-Dehydropropafenone Hydrochloride", Rasayan Journal of Chemistry, 2016, Vol 9, pp. 177-179.