FRANCIS XAVIER ENGINEERING COLLEGE
PUBLICATION DETAILS

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Dr. N. Muthukumaran, B.Renuka, B.Sivaranjani, A.Maha Lakshmi, 'Automatic Enemy Detecting Defense Robot by using Face Detection Technique', Asian Journal of Applied Science and Technology (AJAST), Print-ISSN: 2456-883X, Vol. 2, No. 2, pp. 495-501, April 2018.

2. Dr. N. Muthukumaran, Ms.Mary Varsha Peter, Ms.V.Priya, Ms.H.Petchammal, 'Finger Print Based Smart Voting System', Asian Journal of Applied Science and Technology (AJAST), Print-ISSN: 2456-883X, Vol. 2, No. 2, pp. 357-361, April 2018.

3. Dr. N. Muthukumaran, Ms. A. Aruna, Ms.Y.Bibisha Mol, Ms.G.Delcy, 'Arduino Powered Obstacles Avoidance for Visually Impaired Person', Asian Journal of Applied Science and Technology (AJAST), Print-ISSN: 2456-883X, Vol. 2, No. 2, pp. 101-106, April 2018.

4. Dr. N. Muthukumaran, Mrs. S. Murine Sharmili, 'Performance Analysis of Elevation & Building Contours Image using K-Mean Clustering with Mathematical Morphology and SVM', Asian Journal of Applied Science and Technology (AJAST), Print-ISSN: 2456-883X, Vol. 2, No. 2, pp. 80-85, April 2018.

5. Dr. N. Muthukumaran, P.Venkateswari, E.JebithaSteffy, 'License Plate cognizance by Ocular Character Perception', International Research Journal of Engineering and Technology (IRJET), Print-ISSN: 2395-0072, E-ISSN: 2395-0056, Vol. 5, No. 2, pp. 536-542, February 2018.

6. N. Muthukumaran, 'Analyzing Throughput of MANET with Reduced Packet Loss', Wireless Personal Communications, Print-ISSN: 0929-6212, E-ISSN: 1572-834X, Vol. 97, No. 1, pp. 565-578, November 2017, SPRINGER, Annexure I Journal.

7. N. Muthukumaran, MrsR.Sonya, Dr.Rajashekhara and Chitra V, 'Computation of Optimum ATC Using Generator Participation Factor in Deregulated System', International Journal of Advanced Research Trends in Engineering and Technology, Print-ISSN: 2394-3777, Vol. 4, No. 1, pp. 8-11, January 2017.

8. N. Muthukumaran& Dr. R. Ravi, 'Hardware Implementation of Architecture Techniques for Fast Efficient loss less Image Compression System', Wireless Personal

Communications, Print-ISSN: 0929-6212, E-ISSN: 1572-834X, Vol. 90, No. 3, pp. 1291-1315, October 2016, SPRINGER, Annexure I Journal.

9. N. Muthukumaran and Mr. B. Manoj Kumar, 'Design of Low power high Speed CASCADED Double Tail Comparator', International Journal of Advanced Research in Biology Engineering Science and Technology, Print-ISSN: 2395-695X, Vol. 2, No. 6, pp.18-22, June 2016.

10. N. Muthukumaran and Mrs. J. Keziah, 'Design of K Band Transmitting Antenna for Harbor Surveillance Radar Application', International Journal on Applications in Electrical and Electronics Engineering, Print-ISSN: 2395-3527, Vol. 2, No. 5, pp. 16-20, May 2016.

11. N. Muthukumaran& Dr. R. Ravi, 'VLSI Implementations of Compressive Image Acquisition Using Block Based Compression Algorithm', The International Arab Journal of Information Technology, Print-ISSN: 1683-3198, vol. 12, no. 4, pp. 333-339, July 2015, Annexure I Journal.

12. N. Muthukumaran and Dr. R. Ravi, 'The Performance Analysis of Fast Efficient Lossless Satellite Image Compression and Decompression for Wavelet Based Algorithm', Wireless Personal Communications, Print-ISSN: 0929-6212, E-ISSN: 1572-834X, Vol. 81, No. 2, pp. 839-859, March 2015, SPRINGER, Annexure I Journal.

13. N. Muthukumaran, Dr. R. Ravi &Ruban Kingston, M, 'A Novel Scheme of CMOS VCO Design with reduce number of Transistors using 180nm CAD Tool', International Journal of Applied Engineering Research (IJAER), Print-ISSN:0973-4562, Vol. 10, No. 14, pp. 11934-11938, 2015, Annexure II Journal.

14. N. Muthukumaran, R. Sudhashree, 'Analysis of Low Complexity Memory Footprint Reduction for Delay and Area Efficient Realization of 2D FIR Filter', International Journal of Applied Engineering Research (IJAER), Print-ISSN:0973-4562, Vol. 10, No. 20, pp. 16101-16105, 2015, Annexure II Journal.

15. N. Muthukumaran and Dr. R. Ravi, 'Simulation Based VLSI Implementation of Fast Efficient Lossless Image Compression System Using Adjusted Binary Code &Golumb Rice Code', International Journal of World Academy of Science, Engineering and Technology, Print-ISSN: 2010-376X, E-ISSN:2010-3778, Vol. 8, No. 9, pp. 1603-1606, September 2014, Annexure II Journal.

16. N. Muthukumaran and Dr. R. Ravi, 'Quad Tree Decomposition Based Analysis of Compressed Image Data Communication for Lossy and Lossless Using WSN',

International Journal of World Academy of Science, Engineering and Technology, Print ISSN: 2010-376X, E-ISSN: 2010-3778, Vol. 8, No. 9, pp. 1543-1549, September 2014, Annexure II Journal.

17. Marvin Mark M and N. Muthukumaran, 'An Advanced Homogeneous Pattern for Mobile Ad Hoc Network', International Journal of Advanced Research in Computer Science and Management Studies, ISSN(Online): 2321-7782, ISSN(Print): 2347-1778, Vol. 2, Issue 4, pp. 6-8, April 2014.

18. Marvin Mark M and N. Muthukumaran, 'High Throughput in MANET Using relay algorithm and rebroadcast probability', International Journal of Engineering Research and Applications (IJERA), ISSN: 2248-9622, Vol. 5, pp. 66-71, March 2014.

19. Akhil M S and N. Muthukumaran, 'Design of Optimizing Adders for Low Power Digital Signal Processing', International Journal of Engineering Research and Applications (IJERA), ISSN: 2248-9622, Vol. 5, pp. 59-65, March 2014.

20. N. Vinitha and N. Muthukumaran, 'Analyzing Energy Reduction Factor for Energy Saving in Wireless Sensor Network using Network Simulator', International Journal of Advanced Engineering Applications, Vol. 3, Issue. 5, pp. 32-37, March 2013.

21. N. Muthukumaran and Dr. R. Ravi, 'Design and analysis of VLSI based FELICS Algorithm for lossless Image Compression', International Journal of Advanced Research in Technology (IJART), ISSN No: 6602-3127, Vol. 2, Issue 3, pp. 115-119, March 2012.

22. N. Muthukumaran and Dr. R. Ravi, 'Design and analysis of VLSI based FELICS Algorithm for lossless Image Compression', International Journal of Communications and Engineering, ISSN No: 0988-0382E, Vol. 6, Issue. 2, pp. 98-104, March 2012.

23. Rajakumar G., M.SarojaSankari, D.Shunmugapriya and S.P.UmaMaheswari., 'IOT Based Smart Agricultural Monitoring System', ISSN: 2456-883X Asian Journal of Applied Science and Technology (AJAST) Volume 2, Issue 2, Pages 474-480, April 2018. IF: 1.805.

24. Rajakumar G., Andrew Roobert A., 'Design of Low Power VLSI Architecture of Line Coding Schemes'in Wireless Personal Communications, ISSN: 1573-1979 (electronic version). DOI: 10.1007/s11277-018-5286-4, ISSN:1572-834X.January 2018. IF: 0.951. Springer Journals (Anna University Listed Annexure- IJournal).

25. Rajakumar G., Andrew Roobert A., 'Low Power VLSI Architecture Design of BMC, BPSC and PC Schemes' in Analog Integrated Circuits and Signal Processing, October 2017, Volume 93, Issue 1, pp 169–178, ISSN: 1573-1979 (electronic version). Doi:

10.1007/s10470-017-1025-0.July 2017. IF: 0.623. Springer Journals (Anna University Listed Annexure- IJournal).

26. Rajakumar G., Andrew Roobert A., 'Low Power VLSI Schematic Design of PC/BPSC Generation and Degeneration' in Asian Journal of Research in Social Science and Humanitics, Vol. 7, No. 2, February 2017, PageNo. 160-164, ISSN1682-3915.

27. Rajakumar G, Princy.E 'Globally Synchronous and Asynchronous Router for Dynamic Virtual Channel NoC System' International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE), Vol. 2, Issue: 12, December 2016, ISSN Number: 2454-9762 (Online).

28. Rajakumar G, 'TCP VEGAS Performance in Wireless ADHOC Networks' International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue: 3, April 2016, ISSN Number: 2394-3785(Online).

29. RajakumarG,AndrewRoobertA.,'AreaandPowerOptimizedHardwareDesignof Bi-Phase Space Coding Technique / Phase Coding Technique for Wireless Sensor Applications' in Asian Journal of Information Technology, 15(19); Page No.3657- 3663, 2016, ISSN 1682-3915.

30. G. Rajakumar, S.Karthigailakshmi, 'Design and Analysis of Sequential Circuits Using Nanotechnology Based Quantum Dot Cellular Automata', Journal of Nanoelectronics and Optoelectronics, Volume 10, Number 5, pp. 601-610, October 2015, ISSN: 1555-130X (Print), (Anna University Listed Annexure- IJournal).

31. G.Rajakumar, N.Ebenesarjebadurai,' Design of TRFF based on Merging Method for Memory Circuits', International Journal of Applied Engineering Research, Vol. 10, No.14, Page No.11928- 11933, April 2015, ISSN 0973-4562.

32. G.Rajakumar, S. Jeslin,' Ultra Low Power Design Using Average 8T Differential Sensing Sub-Threshold SRAM', International Journal of Applied Engineering Research, Vol. 10, No.4 , Page No.11353- 11359, April 2015, ISSN0973-4562.

33. G.Rajakumar, Kabilan R, Esther Leethiya Rani S,' A Combined Face Recognition Approach Based on LPD and LVP' ARPN Journal of Engineering and Applied Sciences, Page No. 2577-2581, Vol. 10, No. 6, April 2015, ISSN 1819-6608.

34. G.Rajakumar, Kabilan R, Jenniefer J. Sherine R,' An Improved VLSI Architecture Using Wavelet Filter Bank for Blur Image Applications', ARPN Journal of Engineering and Applied Sciences, Page No. 2979- 2983, Vol. 10, No. 6, April2015, ISSN 1819-6608.

35. G.Rajakumar, SudalaiUtchimahali. C,' VLSI Based Color Interpolation Algorithm   for

Real Time Image Applications', ARPN Journal of Engineering and Applied Sciences. Vol. 10, No. 7, Page No. 2979-2983, April 2015, ISSN1819-6608.

36. G.Rajakumar, BlesslinJebitha.G,' Transmission of Secret Image Using Visual Secret Sharing Scheme' International Journal of Applied Engineering Research, Vol. 10, No.20 , Page No.16377- 16380, April 2015, ISSN 0973-4562.

37. G.Rajakumar, M. Parvin Banu, I. Uma Sankari, N. Juki parsana, G.R. Prathisha,'Lip-Password Based Security System' International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. II, Special Issue I, Page No. 582- 588, March 2015, ISSN Number: 2394-3785 (Online).

38. G.Rajakumar, P. Thayammal,' Radix-4 and Radix-8 Multiplier Using Verilog HDL', International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 1, Issue: 1, Page No. 21-26, September 2014, ISSN Number: 2394-3785 (Online).

39. G.Rajakumar, M.Prem Kumar,' Implementation and Path Selection under Budget Constraints Using Cognitive Radio Networks', International Journal of Communication and Computer Technologies (IJCCT),Volume 02, No.1, Issue: 05, Page No. 1-6, May 2014. ISSN Number: 2278-9723.

40. G.Rajakumar, Dr.D.Manimegalai, "VLSI Implementation of DIP Based Edible Oil Adulteration Identification", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Volume 3 Issue 5, Page No 771 − 777, May 2013, ISSN: 2277 − 128X. Impact Factor: 2.081.

41. G.Rajakumar, Dr.D.Manimegalai, "Design and VLSI Implementation of DIP Based Rod Quality Inspection", International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), Volume 2, Issue 3, Page No.198-204, March 2013, ISSN: 2278 − 1323.

42. G.Rajakumar, Dr.D.Manimegalai, "FPGA Implementation of DIP based Adulteration Identification in Food Samples", International Journal of Computer Applications (IJCA), Volume 35, No.1, Page No 06 - 11, December 2011, ISSN 0975 − 8887.Impact Factor:0.801.

43. G.Rajakumar, Dr.D.Manimegalai, "Replacing Various Analog Signal Sensors with Digital Cameras", International Journal of Computer and Electrical Engineering (IJCEE), Vol.3, No.1, Page No 84 - 93, February 2011, ISSN 1793-8163.

44. G.Rajakumar, Dr.D.Manimegalai, "Analysis and Implementation of DIP based Online Control and Monitoring System for Displacement in Control Valves", ICCCCT-10,

Page 177-177, IEEE Catalog Number: CFP1044K-PRT, ISBN: 978-1-4244-7769-2, $26.00 ©2010 IEEE Xplore.

45. G.Rajakumar, Dr.D.Manimegalai, "VLSI Implementation of ANN for Handwritten Digit Recognition", The Technology World, Volume V, Issue I, Page No.188-199, /October 2009, ISSN 2180-1614.

46. Jayaraman G, Efficient Heuristics to Network Fault Correction , IJARMATE, Volume 1 Issue 1, August 2015

47. Jayaraman G, Effective Multihop Scheduling Routing Scheduling Routing Scheme for real time congestion status of satellite, IJARBEST, volume 1 Special Issue II, November 2015

48. Jayaraman G, Performance Analysis of PAPR reduction in MIMO-OFDM, IJARBEST, Volume 2 Issue 11,November 2016

49. Jayaraman G, A novel method to Determine delays using AODV protocol, IJARBEST, Volume 1 issue V, August 2015.

50. Jayaraman G, Segmentation of Objects in synthetic Noisy Images Protocol, IJARBEST, Volume 1 issue V, August 2015

51. Jayaraman G, Power Loss Reduction Through single 2- 10 phase induction Motor, IJARMATE, Volume1 issue II, September 2015.

52. C.AmarsinghFeroz ,T.N.Ramaswamy,P.Siva, S.Suresh, " Smart Gadget for Visually Challenged People using Raspberry PI " Indo Iranian Journal of Scientific Research (IIJSR) Peer Reviewed Quarterly International Journal, Volume 2 , Issue 2, Pages 52-58, April-June 2018

53. C.AmarsinghFeroz S.Esakkiammal ,S.Benazir Parveen , F.GigiNesamani, "Solar Panel Monitoring System using GSM " Asian Journal of Applied Science and Technology (AJAST) (Open Access Quarterly International Journal) Volume 2, Issue 2 , Pages 441-447, April-June 2018

54. C.AmarsinghFeroz, S.JesusSahayaJenis ,"Improving the Quality of Long Wave Infrared and Light Image Using Bi Orthogonal Wavelet Transform" Asian Journal of Applied Science and Technology (AJAST) (Open Access Quarterly International Journal) Volume 2, Issue 2 , Pages 448-454, April-June 2018

55. C.AmarsinghFeroz, K.Kowsalya, M.Petchiuammal, E.Pramila "Remote Monitor System Design of EdibleFungus Based on Zigbee "Asian Journal of Applied Science and Technology (AJAST) (Open Access Quarterly International Journal) Volume 2, Issue 2 , Pages 481-487, April-June 2018

56. C.AmarsinghFeroz, S.JesusSahayaJenis,"Image Fusion of Medical Modalities Using Dual Tree Complex Wavelet Transform with PCA" , International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 5, Special Issue 12, April 2018

57. S.Allwin Devaraj, Dr. T. Aruna, S. EsakkiRajavel, 'Co-Operative Spectrum Sensing for LTE-A and WiFi Users in Cognitive Radio Networks' Jour of Adv Research in Dynamical & Control Systems [JARDCS], E-ISSN: 1943-023X, Vol. 10, Special Issue 5, pp. 1626-1636, July 2018.

58. S.Allwin Devaraj, M. Manju, A. Nancy A, S. Nilofer 'Intelligent Transport System for Connected Vehicles' International Journal of Advanced Research in Management, Architecture, Technology and Engineering [IJARMATE], E-ISSN: 2454-9762, Vol. 4, Issue 6, pp. 18-23, June 2018.

59. M.Aiswarya, E.Banu, J.S.JenishaGifta, S.Allwin Devaraj 'An Intelligent Agricultural Intrusion Detection and Irrigation Control System Using GSM' International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications [IJARIDEA], E-ISSN: 2456-8805, Vol. 3, Issue 6, 27, pp. 8-15, June 2018.

60. S.Allwin Devaraj, Karthika K, Muthulakshmi R, Ramalakshmi S 'Design and Implementation of SMS Based Child Tracking Model' International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), E-ISSN: 2456-5717, Vol. 4, Issue 6, pp. 13-21, June 2018.

61. S. EsakkiRajavel, Dr. T. Aruna, S.Allwin Devaraj, 'Spectrum-Aware Shared Protection (SASP) Algorithm for Cognitive Radio Networks' International Journal of Engineering & Technology, E-ISSN: 2456-8805, Vol. 7, Issue 1.9, pp. 229-233, March 2018.

62. S.Allwin Devaraj, Blanie Scrimshaw William, 'Image Steganography Based On Non Linear Chaotic Algorithm' International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications (IJARIDEA), E-ISSN: 2456-8805, Vol. 2, Issue 2, pp. 1-8, April 2017.

63. S.Allwin Devaraj, A.Emelda, S.Kadhirunnisa, 'Channel Estimation Using Pilot Optimization in OFDM Systems' International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), E-ISSN: 2394-3785, Print-ISSN: 2394-3777, Vol. 3, Issue 12, pp. 24-34, December 2016.

64. A. Mydheen Jasmine, S.Allwin Devaraj, 'A Novel Processing Chain for Shadow Detection and Pixel Restoration in High Resolution Satellite Images Using Image Imposing' Australian Journal of Basic and Applied Sciences (AJBAS), E-ISSN: 1991-

8178, Vol. 9, Special Issue 16, pp. 216-223, May 2015. Annexure-II (Anna University)

65. S. Delfin Ruby, N. Subbulakshmi, S.Allwin Devaraj, 'Pattern Analysis Based CRF Segmentation and MRF classification for Skin Lesions in Dermoscopic Images' i-manager's Journal on Pattern Recognition (JPR), E-ISSN: 2349-7912, Print-ISSN: 2350-112X, Vol. 1, Issue 4, pp. 21-27, December 2014 –February 2015.

66. S. Delfin Ruby, N. Subbulakshmi, S.Allwin Devaraj, 'CRF Segmentation and MRF Classification for Skin Lesions in Dermoscopic Images' International Journal of Advanced and Innovative Research (IJAIR), E-ISSN: 2278-7844, Vol. 4, Issue 4, pp. 561-565, April 2015.

67. S.Allwin Devaraj, R.HelenVedanayagi Anita, 'Design of Memory Efficient VLSI Architecture for Real Time Multimedia Application' International Journal of Computer & IT (IJCIT), Print-ISSN: 2320-8074, Vol. 4, Issue 4, pp. 30-34, May 2015.

68. S.Allwin Devaraj, R.HelenVedanayagi Anita, S.Abirami, 'Design of Carry Select Adder with Reduced Area and Power' International Journal of Advanced Information Science and Technology (IJAIST), E-ISSN: 2319-2682, Vol. 4, Issue 2, pp. 46-50, February 2015.

69. S.Allwin Devaraj, R.HelenVedanayagi Anita, J.Jennifer Christa, 'Comparative analysis of random based mobility models using TCP variant in MANETs' IEEE Digital library (2014 International Conference on Communication and Network Technologies), pp. 324-329, December 2014.

70. M. Suresh Chinnathampy, S. Allwin Devaraj, S. EsakkiRajavel, V. KulandaiSelvan, P. Kannan, Christo Ananth, 'Capacity Behaviour using WSDV Scheme over WiMAX' ABHIYANTRIKI An International Journal of Engineering & Technology (AIJET), E-ISSN: 2394-627X, Vol. 1, Issue 2, pp.18-27, December 2014.

71. S. Allwin Devaraj, 'A Framework for Integrated Routing, Scheduling and Traffic Management in MANET' CiiT International Journal of Wireless Communication (CiiTIJWC),   E-ISSN: 0974-9640, Print ISSN: 0974-9756, Vol. 6, Issue 6, August 2014.

72. S. Allwin Devaraj, T. Kumarasamy, V. Balaji Gobi Ganesh, 'Normalized Cuts Based Segmentation of Gastroentrology Images using Visual Features' International Journal For Technological Research In Engineering (IJTRE),   E-ISSN: 2347-4718, Print-ISSN: 2347-9450, Vol. 1, Issue 11, pp.1376-1382, July 2014.

73. S.Allwin Devaraj, M.M. Vijay, S.Grout, S.Delfin Ruby, K.Kodeeswari, 'Efficient Texture Segmentation by Hierarchical Multiple Markov Chain Model' International

Journal of Computer Science and Mobile Computing (IJCSMC), E-ISSN: 2320-088X, Vol. 3, Issue 7, pp.140-147, July 2014.

74. S. Allwin Devaraj, M.SureshChinnathampy, Shivangi Singh, 'Face Restoration and Recognition Using Non Point Light- Quotient' International Journal of Science, Engineering & Technology Research (IJSETR), E-ISSN: 2278-7798, Vol. 3, Issue 3, pp.419-423, March 2014.

75. S.B.Aneith Kumar, S. Allwin Devaraj, J. Arun kumar 'Detection of Denial of Service Attacks in MANET' International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), E-ISSN: 2277-128X, Print-ISSN: 2277-6451, Vol. 2, Issue 2, pp.470-476, May 2012.

76. S. Allwin Devaraj 'A New Comparison of Mobility Models in MANET using TCP Protocols' International Journal of Advanced Information Science and Technology (IJAIST), E-ISSN: 2319-2682, Vol. 1, Issue 5, pp.1-5, Jan 2012.

77. B.Pradheep T Rajan, P.Muppidathi, S.Muthuselvi, E.Muthulakshmi, "Energy Efficient For Lossy Network By AODV Protocol" International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE) Vol. 3, Special Issue 10, March 2017.

78. Pradheep T Rajan, Karthika.K.B, Muhilarasi.J, Priya.M, " Automatic Unauthorized Parking Detector With SMS Notification to Owner" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 5, Special Issue 5, March 2018.

79. Pradheep T Rajan, Subashni S, SufrinSarifa S, Siva Surya S, "IOT Based Old Age Wearable Band For Heart Rate Monitoring And Fall Detection With Emergency Alert" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 5, Special Issue 5, March 2018.

80. Mr.S.EsakkiRajavel, Mr.B.Pradheep T Rajan, E.Edinda Christy, "Energy Efficient Collaborative Spectrum Sensing in Cognitive Radio Networks" GRD Journals- Global Research and Development Journal for Engineering | Volume 2 | Issue 1 | December 2016 ISSN: 2455-5703.

81. Mr. S. Allwin Devaraj, Dr. T. Aruna,, Mr. S. EsakkiRajavel "Co-Operative Spectrum Sensing for LTE-A and WiFi Users in Cognitive Radio Networks" Journal of Advanced Research in Dynamical and Control Systems (JARDCS),Vol. 10, 05-Special Issue, 2018.

82. Aravindhan.N, Dineshvaran, Lakhsmanamurugan.N, Mr.S.EsakkiRajavel," Solar Panel Controller and Power Optimization" International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol.4, Issue.5, May 2018.

83. M.L.JothiAlphonsaSundari, Mr.S.EsakkiRajavel, " FCM Clustering for Reducing Latency in Multimedia Broadcast Service Over Mobile Network" SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE)-Special Issue ICETSST April 2018.

84. Mageshwari.S, Muthuselvi.M, Muthu Selvi.V, Nambi.E and EsakkiRajavel.S" IOT Based Environmental Monitoring System " Asian Journal of Applied Science and Technology (AJAST), Volume 2, Issue 2, Pages 461-467, April-June 2018.

85. Mr. S. EsakkiRajavel , Dr. T. Aruna, Mr. S. AllwinDevaraj,"Spectrum-aware shared protection (SASP) algorithm for cognitive radio networks" International Journal of Engineering & Technology(IJET), Volume 7, Issue 1.9,March (2018) Page No:229-233. DOI: 10.14419/ijet.v7i1.9.10002.

86. M.L.JothiAlphonsaSundari, Mr.S.EsakkiRajavel, Dr.T.Aruna," Low Latency In Multimedia Communication Through Wireless Network" International Journal of Advanced Research in Science and Engineering(IJARSE), Volume No.07, Special Issue No. (02), March 2018, ICAETS-18.

87. S.EsakkiRajavel, Shubha Shree.P, Sushma Thavakumari.A and G.ThangaKumari, "Sensor Networks Based On Distributed Wireless Sensing" International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications [IJARIDEA], Vol.2, Issue 1,27 February 2017, pg. 11-17.

88. T.Aruna, S.EsakkiRajavel and G.Thanga Kumari , "Symmetric and Asymmetric Asynchronous approach for Cognitive Radio Networks " International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications[IJARIDEA], Vol.2, Issue 1,27 February 2017, pg. 1-5.

89. Mr.S.EsakkiRajavel, Mr.B.Pradheep T Rajan and E.Edinda Christy, "Energy Efficient Collaborative Spectrum Sensing In Cognitive Radio Networks" Global Research and Development Journal for Engineering(GRDJE) ,Vol. 2, Issue 1, December 2016,Page No:26-29,ISSN (online) : 2455-5703

90. C.JenitaBlesslin and Mr.S.EsakkiRajavel, "Energetic Spectrum Sensing For Cognitive Radio Enabled Remote State Estimation Over Wireless Channels" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 3,

Special Issue 19, April 2016, Page No:12-17, ISSN 2394-3777 (Print), ISSN 2394-3785 (Online)

91. S.EsakkiRajavel , Mary Joseph, Soumya Devi.J ,Sowmiya.P and Sushmita Anantharaman, "Flaw Restrained Flight Statistics Tailer Design "International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 3, Special Issue 2, February 2016,Page No:42-47, ISSN 2394-3777 (Print), ISSN 2394-3785 (Online).

92. S.EsakkiRajavel "Spectrum Sharing with Channel –hopping schemes for cognitive radio networks" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 2, Special Issue 3, March 2015,ISSN 2394-3777 (Print), ISSN 2394-3785 (Online).

93. M. Suresh Chinnathampy, S. Allwin Devaraj, S. EsakkiRajavel, V.Kulandai Selvan, P. Kannan, Christo Ananth, "Capacity Behaviour using WSDV Scheme over WiMAX", ABHIYANTRIKI An International Journal of Engineering & Technology (AIJET), Volume -1, Issue -2, December 2014, Page No:18-27.

94. K.Lakshmi Narayanan, P.Kannan and S.EsakkiRajavel, "A Comparative Study and Performance Evaluation of Cryptographic Algorithms: AES and Blowfish", International Journal of Advanced Research Trends in Engineering and Technology(IJARTET), Vol. 1, Issue 3, November 2014, Page No:81-86.

95. Mr.S.EsakkiRajavel , A.GunaDhivyaVinisha , J.Jochebed ,P.Angelene Sanjana , D.Gnancy, "Using Sentaurus Monte Carlo(Moca) Simulation Estimation Of Scattering Effects In Nanowire Transistors" International Journal of Advanced Research in Computer Engineering & Technology(IJARCET), Volume 3 Issue 3, March 2014, Page No:598-603,ISSN: 2278 – 1323.

96. Christo Ananth, S.EsakkiRajavel, AnnaDurai, A.Mydeen@SyedAli,, C.Sudalai@UtchiMahali and M.Ruban Kingston," FAQ-MAST TCP for Secure Download" International Journal of Communication and Computer Technologies, Volume 02 – No.13 Issue: 01 Mar 2014, Page No: 78-85.

97. P.Kannan, Analysis And Design Of Embedded Z Source Inverter For Induction Motor Drives, International Journal Of Micro And Nano Electronics Circuits And Systems, Vol-3 Issue No 1, 2011,ISSN: 0975-4768

98. P.Kannan, "Harmonic Analysis and Design of Embedded Z Source Inverter for Induction Motor Drives", International Journal of Advanced Computer Research (IJACR), Volume 4, Issue 14, March 2014, ISSN: 2249 – 7277.

99. P.Kannan, "A Comparative Study And performance Evaluation of Cryptographic Algorithms: AES and BLOWFISH", International Journal of Advanced Computer Research trends in Engineering and Technology, Volume 1, Issue 3, November 2014.

100. P.Kannan, "A Low Power Design Sense Amplifier for CAM", International Journal of Advanced Computer Research trends in Engineering and Technology (IJARTET), Volume II, Special Issue XXV, April 2015. ISSN: 2394 – 3785.

101. P.Kannan, Eben jasmine P, Ida R, Gowsalya T, "Home Security And Automatic Irrigation System" Asian Journal of Applied Science and Technology (AJAST) Volume 2, Issue 2, April 2018 Page: 443-440 Online ISSN: 2456-883X

102. P.Kannan , S.Kohila, Kanthimathi A R U, Muthuveni "PC Controlled Wireless Notice Board" Asian Journal of Applied Science and Technology (AJAST) Volume 2, Issue 2, April 2018 Page: 320-328 Online ISSN: 2456-883X

103. P.Kannan, I.Sankara Kumar, S.Richard, R.Saravana Sankar "Object Reorganization and Tracking Using Unmanned Aerial Vehicle" Asian Journal of Applied Science and Technology (AJAST) Volume 2, Issue 2, April 2018 Page: 468-473.

104. T.Archana, M. Suresh ChinnaThampy, " Enabling Radio Resource Allocation Using Low Complexity Algorithm", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.2 (2015) pp. 1797-1801

105. Aswiny.S, M.SureshChinnathampy ," NSDE Based Power Allocation and Relay Selection in Secure Cooperative Networks", International Journal & Magazine of Engineering, Technology, Management and Research, Volume No: 3 (2016), Issue No: 5 (May), Page 79-82

106. S.Allwin Devaraj, M.SureshChinnathampy, Shivangi Singh ,"Face Restoration and Recognition Using Non Point Light- Quotient",International Journal of Science, Engineering and Technology Research (IJSETR), Volume 3, Issue 3, March 2014 Page no 419 –423

107. S.Ajith Kumar, H.AllwinGiftson, V.AntonyRinoj, G.AndrewJebamani, R.Balakrishnan, M.SureshChinnathampy, "Solar Energy Implementation with Grid Interfacing", International Journal of Advanced Research in Management, Architecture, Technology and Engineering,Vol. 1, Issue 2, September 2015 , Page no 9 – 12

108. T.Aruna, M.SureshChinnathampy, 'Secured channel condition estimation algorithm to remove attacks in mobile ADHOC networks' International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications, Vol.2, Issue 1,27 February 2017, pg. 6-10.

109. M. Suresh Chinnathampy, S. Allwin Devaraj, S. EsakkiRajavel, V. Kulandai Selvan, P. Kannan, Christo Ananth, "Capacity Behaviour using WSDV Scheme over WiMAX" , An International Journal of Engineering & Technology , Vol. 1, No. 2 (December, 2014), Page no 18 – 27.

110. J Friska E. Jebitha Steffi, ," Power and Spectrum Allocation using handler merging and energetic power algorithm in NOMA for heterogeneous Networks", SSRGIJECE, Special Issue ICCRest, Pg33 to 38 April 2018, ISSN 2348-8549.

111. J Friskac.Kavya, "An energy Consumption and improved QoS using energy aware routing Algorithm for video delivery" International Journal of Advanced Research Trends in Engineering and Technology",Vol4 Issue 1,Pages 12-20,January 2017 ISSN 2394-3785.

112. J Friska, Merin Dayana, " Low complexity joint user relay selection and association for multi user multi relay MIMO uplink" International Journal of emerging trends in Science and Technology,Vol 3,Issue 5,Pages 442-447 May 2016,ISSN 2348-9480.

113. J Friska ,AneeraVigneshwari, " Sub Channel Assisgnment along with power control for interference mitigation for femtoceils by using payoff based method" International Journal of Innovative Research in Science Engineering and Technology,Vol 5,Issue 4,April 2016,ISSN online 2319-2853,ISSN Print 2347-6710.

114. J Friska Prakash K " An efficient and Robust Trust Management for WSN " International Journal of advanced Research Trends Engineering and Technology,Vol 2,Special Issue 1,March 2015,ISSN Online 2394-3785.

115. J Friska ,Kiruthika, "Implementation of Evolutionary Algorithm based clustering protocol for homogeneous WSN."International Journal of Applied Engineering Research,Vol 10,No2,2015 PP1776-1780,mARCH 2015,ISSN 0973-4562,

116. J Friska, Dalma Maria John " Improvement of Spectrum Efficiency by exploiting Network Computation via cognitive Radio Sensor Networks"International Journal of Applied engineering Research,Vol10 ,No 2 PP 1787-1791 March 2015,ISSN 0973-4562.

117. J Friska ,AaarathiGokulan "Peak to average power ratio detection in MIMO OFDM using QPSK based on Partial Transmit Sequence Method" International Journal of Engineering Research and Applications,PP 55-58,mARCH 2014,ISSN 2248-9622.

118. E.FrancyIrudaya Rani, R.Vedhapriyavadhana and M.Deepa, "Study and Analysis of Software defined Networking (SDN) using Open source tools and techniques" Asian Journal of Applied Science and Technology, Volume 2,Issue 2,Pages 508-514, 2018

119. E.FrancyIrudaya Rani, R.Vedhapriyavadhana, AafreenNisha.M, Gayathri.S and Dhanalakshmi.M, "Advanced Mine Detecting Robot" Indo-Iranian Journal of Scientific Research (IIJSR), Peer-Reviewed Quarterly International Journal, Volume 2, Issue 2, Pages 128-135, April-June 2018

120. E.FrancyIrudaya Rani, R.Vedhapriyavadhana, Vignesh, Vishnu Kumar, Suvin and Murugan, "Residential and Official Extension of IOT Enabled Building Automation System" Indo-Iranian Journal of Scientific Research (IIJSR), Peer-Reviewed Quarterly International Journal, Volume 2, Issue 2, Pages 92-99, April-June 2018

121. E.FrancyIrudaya Rani, R.Vedhapriyavadhana, S.Jeyabala, S.Jothi Monika, C.Krishnammal, "Attendance Monitoring Using Face Recognition with Message Alert" Indo-Iranian Journal of Scientific Research (IIJSR), Peer-Reviewed Quarterly International Journal, Volume 2, Issue 2, Pages 105-113, April-June 2018

122. E.FrancyIrudaya Rani, R.Vedhapriyavadhana, AllwinGiftson ,S Ajith Kumar and M.David Boon, "Zigbee Controlled Multi-Functional Surveillance Spy Robot for Military Applications" Indo-Iranian Journal of Scientific Research (IIJSR), Peer-Reviewed Quarterly International Journal, Volume 2, Issue 2, Pages 121-127, April-June 2018

123. E.FrancyIrudaya Rani, R.Niranjana and P.AarthiKirshna, "A VLSI Based Medulla Spinalis Using Analog Comparator", International Journal of Advanced Research in Management, Arichitecture, Technology and Engineering, Vol.II, Issue XII, ISSN: 2454-9762, December 2016

124. E.FrancyIrudaya Rani, and K.Vinothini, "Beamforming Coordination Based Interference Control Using JSIC For HETNET" International Conference on Emerging Engineering Trends and Science [ICEETS-2016], ISSN : 2348 – 8549, March2016

125. E.FrancyIrudaya Rani and Jincy George, "Interference Detection And Mitigation Of Overcrowed Cells in Multiple Networking Environment", International Journal of Applied Engineering Reseearch, ISSN: 0973-4562, Vol.10, No.2(2015), pp.1812-1816

126. E.FrancyIrudaya Rani, G.Gayathri, , M.MajithaBarvin, E.Jothi Priya and S.Preetha, "Shadow Detection and Removal From Urban High-Resolution Images Using Boundary Extraction" International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. II, Special Issue I,ISSN 2394-3777, March 2015.

127. L.R. Priya, K. Rubasoundar," LTE: An Enhanced Hybrid Domain Downlink Scheduling", Cognitive Systems Research: 1389-0417,2018,Vol.52,pp.550-555.

Elsevier Science (Annexure I).

128. L.R.Priya ,R. Maria Baby, Low Power Design of Redundant Binary Multiplier using Parallel Prefix Adder" International Journal for Scientific Research & Development Volume : 4, Issue : 4,2016,pp 302-305

129. L. R. Priya, K. RubaSoundar and S. Kamala Gomathy, "Radio Resource Optimization In Cooperative Cellular Network With Network Coding At Relay Stations", ARPN Journal of Engineering and Applied Sciences, VOL. 10, NO. 7, APRIL 2015 ISSN 1819-6608

130. S. Kamala Gomathy, L.R. Priya,Dr. K. RoubaSoundar," Performance Analysis of Signal Cancellation Method for Joint Reduction of PAPR And Side Lobe Suppression In Cooperative Network Systems", Australian Journal of Basic and Applied Sciences, 9(16) Special 2015, Pages: 235-243

131. L. R. Priya, K. RubaSoundar and S. Kamala Gomathy ,R.VedhapriyaVadhana ,"Sub Optimal Signal Cancellation Method for Joint reduction of PAPR and Side lobe suppression in NC OFDM based Cognitive Radio System", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.2 (2015) pp. 1370-1375.

132. L.R.Priya, K.JenishVarshini, R.VedhapriyaVadhana, Centralized and Distributed Heuristics Based Rounding Problem In Heterogeneous Wireless Sensor Networks, nternational Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.2 (2015), pp. 1733-1738.

133. P. Anithasubbu, L. R Priya,An Efficient Grouping and Scheduling for Long Term Evolution Downlink, International Journal of Advance Research in Computer Science and Management Studies, Volume 2, Issue 3, March 2014, ISSN: 2321-7782 (Online).

134. Mrs.R.Niranjana,Mrs.E.FrancyIruthaya Rani, Ms.P.Aarthi Krishna, 'A VLSI based Medulla Spinalis using Analog Comparator', International Journal of Advanced Research in Management, Architecture, Technology and Engineering,Vol. II, Issue XII, December 2016.

135. NavaneethaVelammalM ,Sharanabasaveshwar G. Hiremath, R.Prem Ananth, Rama S, High Speed and Low Power ASIC Using Threshold Logic, International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol. 2, Issue 11, November 2016.

136. D.RegiTimna, "An efficient dynamic power management in flip-flop grouping using data-driven clock gating" IJARJET, Special Issue XXV, volume II, APRIL 2015,355-361

137. Achsa Johnson, D.RegiTimna, "An energy efficient and high throughput differential binary message passing for LDPC decoders" International Journal of Applied Engineering and Research (Anux II), Volume 10,No 20 2015'15598-15603.

138. S.DenittaAdline, D.RegiTimna, "Sparse Channel Estimation for MIMO-OFDM system using sparsity Adaptive Simultaneous Orthogonal Matching Pursuit(SaSomp) algorithm" International Journal of Emerging Trends in Science & Technology , Volume 3, Issue 5, May 2016.

139. M. mahalaksmi, D.RegiTimna, "Prevention of Harmful Attacks in MANETs using cooperative BAIT detection" Seventh Sense Research group, 2016.

140. M.Navaneethavelammal, Multichannel Complex Nonnegative Matrix Factorization in Beamforming of Sound Source Separation International journal of Applied Engineering Research, May 2015.

141. NavaneethaVelammal.M, Dr.P.Nirmal Kumar& Surya Priyanka P,   Independent Component Analysis Based on Blind Source Separation by Using Markovian and Invertible Filter Model ARPN Journal of Engineering and Applied SciencesApril 2015.

142. NavaneethaVelammal.M, Dr.P.NirmalKumar&GetziePrija A, Testing of Faults in VLSI Circuits Using Online BIST Techniques Based On Window of Vectors ARPN Journal of Engineering and Applied Sciences, April 2015.

143. P.Venkateswari, M.NavaneethaVelammal, Robustious and Low Intricacy Blind Source Seperation, SSRG International Journal of Electronics and Communication Engineering, April 2018.

144. P.Venkateswari and Mrs. M. NavaneethaVelammal, Reckoning of Pristine Signal and Meliorating Algorithm Constancy by Overcoming Ambiguity, Asian Journal of Applied Science and Technology (AJAST), 25May 2018.

145. M.NavaneethaVelammal, Dr.P.Nirmal Kumar, "A speech Recognizer" a tool to recognize the high clarity speech signal based on existing speech using ISCA, Analog Integrated circuits and signal processing, 13 August 2018.

146. Kabilan.R, B.ArulRajan, MelbhaSweety.S, Naiting of Ensemble of Texture Descriptors and Artificial Neural Network for Facial Recognition, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)   Vol. 3, Issue 11, November 2016.

147. Kabilan R., Ravi R., Rajakumar G., Esther Leethiya Rani S. and Mini Minar V. C, A Combined Face Recognition Approach Based on LPD and LVP, ARPN Journal of

Engineering and Applied Sciences, Vol. 10, No. 6, April 2015.

148. Kabilan R., Ravi R., Jenniefer J. Sherine R., Rajakumar G. and Mini Minar V. C, An Improved VLSI Architecture Using Wavelet Filter Bank for Blur Image Applications, ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 6, April 2015.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1. Dr.D.C.Joy Winnie Wise and A.Blessy, " Detection of affected part of plant leaves and classification of diseases using CNN technique", International Journal of Engineering and Techniques – Vol.4, Issue 6, April 2018, ISSN : 2395-1303, pp.823-829.

2. Dr.D.C.Joy Winnie Wise and D.Elizabeth, " Anteriorn Mitral Leaflet Ferret out in Cardiac Echo Sequences using FABC", International Journal of Engineering and Techniques – Vol.4, Issue 6, April 2018, ISSN : 2395-1303, pp.812-817.

3. Dr.D.C.Joy Winnie Wise and A.Blessy, " Detection of affected part of plant leaves and classification of diseases with its severity", International Journal of Research in Advanced Technology – Vol.2, Issue 8, November 2017, pp.1-5.

4. Dr.D.C.Joy Winnie Wise and J.JenoMactaline Pears "Black hole attack detection using HLA with optimized link state routing protocol in wanet", International Journal of Engineering and Computer Science, Vol.5,Issue 10, October 2016, ISSN:2319-7242 pp.18649-54, I.F-4.3098

5. Dr.D.C.Joy Winnie Wise and S. Surya , " Location Optimization of wireless sensor networks in specific to structural health monitoring systems", International Journal of Advanced Research in Management , Architecture, Technology and Engineering Vol 1 Issue 3, June 2016 , ISSN 2454-9762, pp.19-26, I.F-4.231.

6. Dr.D.C.Joy Winnie Wise, J Merlin Sam Judith and Ms. Sharon Nisha, "Multimodal biometric secret key using recognition system based on fusion of palm print and iris", International Journal of engineering research and modern education(IJERME) Vol 1,Issue 1 June 2016 pp.119-127 ISSN 2455-4200I.F-3.11

7. Dr.D.C.Joy Winnie Wise, S. Surya and Mrs.V.Perathuselvi, "Energy based Location Optimization in wireless sensor network", International Journal of Advanced Research trends in engineering and Technology Vol 3 Issue 19, April 2016, ISSN 2394-3777 pp.19-26 , I.F-6.23

8. Dr. D.C. Joy Winnie Wise and S Padma, "Authentication system based on certificateless cryptography in wireless body Area networks, " International research journal of Engineering and technology(IRJET) Volume 3 issue 3 March 2016 ISSN 2394-3785, I.F-4.612

9. Dr.D.C.Joy Winnie Wise and S.Padma " Enhanced Remote Authentication System Based on Certificates Cryptography in Wireless Body Area Network", International Journal for Research in Applied Science & Engineering Technology IJRASET, Volume 3 Issue X, October 2015 ISSN: 2321-9653, pp. 197-201

10. Dr.D.C.Joy Winnie Wise and S.Surya "Location Optimization Of Wireless Sensor Networks In Specific to Structural Health Monitoring Systems", International Journal of Advanced Research In Management, Architecture, Technology & Engineering, IJARMATE, Volume 1, Issue 3, October 2015 ISSN: 2454-9762, pp. 19-26.

11. Dr.D.C.Joy Winnie Wise, Muthu Priya.P, A.AlanSelva Denis " Abating Inter Cell Interference in Cellular Network Via FFR Scheme", World Engineering & Applied Sciences Journal 6(3), 2015 ISSN 2079-2204, pp. 164-169.

12. Dr.D.C.Joy Winnie Wise, Pon Rohini, "Multipath Routing Using Neuro Fuzzy in Wireless Sensor Network" International Journal for Research in Applied Science & Engineering Technology IJRASET, Volume 3 Issue IV, April 2015 ISSN: 2321-9653, pp. 331-333

13. Dr.D.C.Joy Winnie Wise, S. Shirly , R. Pon Rohini , "Improving The Connectivity Of Ad Hoc Cognitive Radio Networks Using Scheduling And Queuing", International Journal For Technological Research In Engineering Volume 2, Issue 8, April-2015 ISSN (Online): 2347 – 4718, pp. 1389-1390,

14. Dr.D.C.Joy Winnie Wise, K.M.Rajiha, S.N.Ananthi, "Malware detection based on behavior in delay tolerant network using support vector machine" , IJSRD-International Journal for Scientific Research & Development, Vol. 3, Issue 1,2015. ISSN 2321-0613, pp.5-7.

15. Dr.D.C.Joy Winnie Wise, L. K. Siva Sankari, B. Priya, "An efficient method for denial of service attack detection using genetic algorithm" , International Journal of Advance Research in Science & Engineering, IJARSE., Vol. 4. Special Issue (02), March 2015, ISSN 2319-8354, pp. 105-108.

16. Dr.D.C.Joy Winnie Wise, N. L. AntoArokia Mary, S.MalaiArasan, "Simultaneous Mapreduce jobs are arranged for depreciating their formulation period", International

Journal of Advance Research in Computer Science & Management Studies, IJARCSMS, Vol 3, Issue 3, March 2015, ISSN 2347-1778, pp. 326-330.

17. Dr.D.C.Joy Winnie Wise, A.Mahalakshmi, V.PerathuSelvi, "A study on methodologies for solving the problem of maintaining the confidentiality in publish/subscribe network", International Journal For Scientific Research and Development, IJSRD, 2015,Volume 3, Issue 01, ISSN 2321-0613, pp.1156-1158.

18. Dr.D.C.Joy Winnie Wise, Jeyaseeli, B.Priya, "A unified approach for measuring and classifying the risk of unknown vulnerabilities", IJRCAR -International journal of research in computer application and robotics, Vol.3, Issue 3, March 2015, ISSN 2320-7345, pp. 158-161.

19. Dr.D.C.Joy Winnie Wise, L. K. Siva Sankari, L.K.SudhaSanakari, "A Resourceful Identification and Prevention of Denial of Service Attack Detection" , International Journal of Innovative Research in Technology, IJIRT 2014,Volume 1, Issue11, ISSN.2349-6002, pp.6-9.

20. Dr. D.C. Joy Winnie Wise, Mr. H. Jeyamohan ,A. Sreenivasan and K.P.Vijaiy, "Visual Cryptography Scheme to Predict Phishing Sites", International Journal of Computer Science and Engineering Communications- IJCSEC. Vol.2 Issue.4, July 2014. ISSN: 2347–8586, pp 424-427.

21. D.C.Joy Winnie Wise and T.Shantha Kumar, "Sharon: Furtive packet dropping in wireless ad-hoc networks using Christina theory ", International Journal of Elixir in Computer Science and Engineering, ISSN: 2229-712X9, Vol.2(4), April 2013, pp 13868-13871.

22. D.C.Joy Winnie Wise, H. JayaMohan , M. Saravana Deepak, and M.L. AlphinEzhil Manuel, "RFID File Management and Intrusion Detection in Relational Database using JTAM Model", International Journal of Advanced Research in Electronics and Communication Engineering, ISSN: 2278-909X, Vol.2(4), April 2013, pp 502-506.

23. D.C.Joy Winnie Wise, J. Benimol and C.MerlinLagnes," Congestion Control in Wireless Networks using AQM Algorithms", International Journal of Advanced Research in Electronics and Communication Engineering, ISSN: 2278-909X, Vol. 2(3), March 2013, pp 239-245.

24. D.C.Joy Winnie Wise and C.Udhaya, "Bandwidth Measurement and Active Queue Management in Wireless Mesh Networks", Global Journal of Current Engineering Research, ISSN 2265-2765, Vol.1(3), 2013, pp 139-143.

25. D.C.Joy Winnie Wise and R.Sahaya Michael Daniel, "Congestion Control and Routing in Cluster Based Ad-hoc Wireless Network", International Journal of Advanced and Innovative Research, ISSN 2278-7844, 2013, pp 150-153.

26. D.C.Joy Winnie Wise and Dr.N.Kesavan Nair, " Active Queue Management in Wireless Netorks", European Journal of Scientific Research, Vol.83, No.4, 2012, pp 528 - 534

27. D.C.Joy Winnie Wise, C. JayaMohan , M. Saravana Deepak, and M.L. AlphinEzhil Manuel, "Face Recognition under Expressions and Lighting Variations using Artificial Intelligence and Image Synthesizing", Journal of Current Engineering Research, Vol.2, No.5, 2012, September 2012.

28. D.C.Joy Winnie Wise and Dr.N.Kesavan Nair, " Congestion Control Algorithm for Wireless Networks", European Journal of Scientific Research, Vol.80, No.4, 2012, pp 487 – 493.

29. D.C.Joy Winnie Wise, M. Ranjith Kumar, and S. Arunmozhi Varman, "Nephele: Dynamic Allocation and Parallel Execution Security Model in Cloud Computing", Journal of Current Engineering Research, Vol.2, No.5, 2012, pp.1-5, October 2012.

30. V.Balaji, "A QoS-Oriented Effective Energy Conservation for IEEE 802.16e Mobile WiMax Networks", CiiT International Journal of Wireless Communication, Vol.3, No.16, December 2011

31. D.C.Joy Winnie Wise, T.Jebarajan , R.S. Rajesh, D.C. Jullie Josephine, "A Secure key management for WSN", International Journal of Intelligent Information Processing, Vol.4, No. 1, pp 117-120, June 2010

32. D.C.Joy Winnie Wise, T.Jebarajan, Dr.S.Arumugam and M.C.LoraineCharlet Annie "Neuro-Fuzzy Approach for Pattern Recognition", 2008, Medwell International Journal of Soft Computing, 3 (4): 288-292, 2008

33. D.C.Joy Winnie Wise, T.Jebarajan, and Dr.S.Arumugam "Congestion Control Algorithm in Computer Communication Network", 2008, Medwell International Journal of Mobile Communication, 2(3): 93-98, 2008.

34. S. Balaji, M. Rajaram "SIPTAN: Securing Inimitable and Plundering Track for Ad Hoc Network", Wireless Personal Communications, Springer, vol. 90, issue. 2, pp. 679 – 699, September 2016, DOI: 10.1007/s11277-016-3187-y.

35. Balaji, S., Golden Julie, E. & Harold Robinson, Y. "Development Of Fuzzy Based Energy Efficient Cluster Routing Protocol To Increase The Lifetime Of Wireless

Sensor Networks", Mobile Network Applications (2017), Pp. 1-13. Https://Doi.Org/10.1007/S11036-017-0913-Y.

36. BALAJI, S. "A Riskless Comprehensive Randomized Matrix Arithmetic Coding Using Route Handoff Technique For MANET", JOURNAL OF ADVANCES IN CHEMISTRY, [S.L.], V. 13, N. 5, P. 6189-6195, Feb. 2017. ISSN 2321-807X.

37. Harold Robinson, Y, Golden Julie E, Balaji S, Ayyasamy A, (2016), "Energy Aware Clustering Scheme In Wireless Sensor Network Using Neuro-Fuzzy Approach" , Wireless Personal Communications, Springer, 1-19, Doi: 10.1007/S11277-016- 3793-8.

38. Balaji S, Harold Robinson Y, Rajaram M, "SCSBE: Secured Cluster And Sleep Based Energy-Efficient Sensory Data Collection With Mobile Sinks", Vol. 7, Issue 8, Pp. 1992-2001, 2016, Circuits And Systems, Scientific Research Publications, USA.

39. Harold Robinson Y, Balaji S, Rajaram M, "ECBK: Enhanced Cluster Based Key Management Scheme For Wireless Sensor Networks", Vol. 7, Issue 8, Pp. 2014-2024, 2016, Circuits And Systems, Scientific Research Publications, USA.

40. Balaji, S., E. Golden Julie, And Y. Harold Robinson. "Evaluation Of Context Information For Intermittent Networks." World Academy Of Science, Engineering And Technology, International Journal Of Computer, Electrical, Automation, Control And Information Engineering 10.9 (2017): 1693-1704. [Anna University Annexure-II].

41. S. Balaji, M. Rajaram "EUDIS-An Encryption Scheme For User-Data Security In Public Networks", World Academy Of Science, Engineering And Technology, Page No.:233-236, Vol:9, No:2, 2015.

42. Harold Robinson, Y., Golden Julie, E. And Balaji, S. "Bandwidth And Delay Aware Routing Protocol With Scheduling Algorithm For Multi Hop Mobile Ad Hoc Networks", World Academy Of Science, Engineering And Technology, International Journal Of Computer, Electrical, Automation, Control And Information Engineering, Volume 10, Issue 8, Pages 1512-1521, 2016.

43. S Balaji, E Golden, Julie, M Rajaram, Y Harold, Robinson, "Fuzzy Based Particle Swarm Optimization Routing Technique For Load Balancing In Wireless Sensor Networks", International Journal Of Computer, Electrical, Automation, Control And Information Engineering, World Academy Of Science, Engineering And Technology, Volume 10, Issue 7, Pages 1384 – 1393, 2016.

44. S Balaji, M Rajaram, Y Harold Robinson, E Golden Julie (2016), 'A Hypercube Social Feature Extraction And Multipath Routing In Delay Tolerant Networks', International Journal Of Computer, Electrical, Automation, Control And Information Engineering, World Academy Of Science, Engineering And Technology, Vol. 10, No. 6, Pp. 1212 – 1221.

45. Harold Robinson, Y., Rajaram, M., Golden Julie, E. And Balaji, S. (2016) "Dominating Set Algorithm And Trust Evaluation Scheme For Secured Cluster Formation And Data Transferring", World Academy Of Science, Engineering And Technology, International Journal Of Computer, Electrical, Automation, Control And Information Engineering, Vol. 10, No. 2, Pp. 388-393.

46. Harold Robinson, Y., Rajaram, M., Golden Julie, E. And Balaji, S. 2016, "TBOR: Tree Based Opportunistic Routing For Mobile Ad Hoc Networks", World Academy Of Science, Engineering And Technology, International Journal Of Computer, Electrical, Automation, Control And Information Engineering, Vol. 10, No. 6, Pp. 1115 – 1122.

47. Harold Robinson, Y., Rajaram, M., Golden Julie, E. And Balaji, S. 2016, "Tree Based Data Fusion Clustering Routing Algorithm For Illimitable Network Administration In Wireless Sensor Network", World Academy Of Science, Engineering And Technology, International Journal Of Computer, Electrical, Automation, Control And Information Engineering, Vol. 10, No. 6, Pp. 1123-1130.

48. Harold Robinson, Y, Rajaram, M., Golden Julie, E. And Balaji, S. 2016, "Detection Of Black Holes In MANET Using Collaborative Watchdog With Fuzzy Logic", World Academy Of Science, Engineering And Technology, International Journal Of Computer, Electrical, Automation, Control And Information Engineering Vol:10, No:3, Pp. 575 – 581.

49. Balaji. S, Rajaram. M, Venkateshwari. S, Harold Robinson. Y, "NECTAR: Leveraging Social Feature Routing In Delay Tolerant Networks" , International Journal Of Applied Engineering Research ,Volume 10, Number 14 (2015).

50. Balaji. S, Rajaram.M, RizwanaFathima.J, Harold Robinson.Y, "HIBRIE - Halftone Image Classification Using Block Matching And Redundancy Based Image Using Enhanced Security Arithmetic Code, International Journal Of Applied Engineering Research, Print-ISSN: 09734562, Research India Publications, Publisher's Country: India], Volume 10, Number 14 (2015).

51. Harold Robinson. Y, Rajaram. M, Honey Raju, Balaji. S, "Intelligence Foraging Approach For Manipulator Grasping Color Objects", International Journal Of Applied Engineering Research, Print-ISSN: 09734562, Publisher's Name: Research India Publications, Publisher's Country: India], Volume 10, Number 14 (2015).

52. Y. Harold Robinson, M. Rajaram, S. Balaji, "Fault-Tolerant Disjoint Multipath Routing Algorithm To Increase Network Capacity In Mobile Ad Hoc Networks" , International Journal Of Applied Engineering Research, Print-ISSN: 09734562, Publisher's Name: Research India Publications, Publisher's Country: India], Volume 10, Number 14 (2015).

53. S. Balaji, M. Rajaram And Y. Harold Robinson, "ESBAC: Encryption Scheme Using Binary Arithmetic Coding With Channel Based Using Key Based Interval Splitting", International Journal Of Applied Engineering Research, Print-ISSN: 09734562, Publisher's Name: Research India Publications, Publisher's Country: India], Volume 10, Number 14 (2015).

54. S. Balaji, M. Rajaram, "RMAC — A New Encryption Scheme For Arithmetic Coding To Evade CCA Attacks" In IEEE Explorer Proceedings For Advanced Computing (Icoac), 2011 Third International Conference, Link: Http://Ieeexplore.Ieee.Org/Xpl/ Mostrecentissue.Jsp?Punumber= 6156880

55. S. Balaji, M. Rajaram,"XRMAC-An Extended RMAC Scheme To Evade Hacking By Dynamic Sizing" In IEEE Explorer Proceedings For Advanced Computing (Icoac), 2013 Fifth International Conference, Link: Http://Ieeexplore.Ieee.Org/Xpl /Login.Jsp?Tp=&Arnumber=692194

56. S. Balaji, M. Rajaram , "An Advanced Controlled-Flooding Routing With Group Organization For Delay Tolerant Networks Using A-SMART" In IEEE Explorer Proceedings For Emerging Trends In Electrical And Computer Technology (ICETECT), 2011 S. Balaji, M. Rajaram, International Conference, Link: Http://Ieeexplore.Ieee.Org/Xpl/ Mostrecentissue.Jsp?Punumber=5753465.

57. S. Balaji, M. Rajaram, "Secure Payment Solutions Fully Off-Line Functions On Frodo" In International Journal Of Engineering Research And Applications (IJERA), Pp. 55-58, 2016.

58. S. Balaji, M. Rajaram. "AUST: Anonymous Unswerving And Secure Transmission In MANET" In An International Journal Of Advanced Research In Computer Science And Software Engineering Volume 3, Issue 3, March 2013.

59. S. Balaji, M. Rajaram, "Packet Reordering Using Discard Algorithm Based On Data Frame Weightage" In An International Journal Of Engineering Research And Applications Volume 4, Issue 3, March 2014

60. S. Balaji, M. Rajaram, "MAS For Decentralized Self-Adaptation Services In Cloud" In An International Journal Of Advanced Research In Computer Science And Software Engineering Volume 4, Issue 3, March 2014

61. S. Balaji, M. Rajaram, "Packet Reordering Using Discard Algorithm Based On Dataframe Weightage" In An International Journal Of Advanced Research In Computer Science And Software Engineering Volume 4, Issue 3, March 2014.

62. S. Balaji, M. Rajaram, "ESAC Based Channel Aware Routing With Route Handoff" In International Journal Of Computer Science And Engineering, Volume 3, Issue 3 March 2011.

63. S. Balaji, M. Rajaram, "Escorting Data From Cca2 Attack On Sac" In International Journal On Information Sciences And Computing, Volume 5, Issue 2, 2011.

64. S. Balaji, M. Rajaram, "Halftone Based Feature Extraction To Reduce Computation For Image Processing", Journal Of Global Engineering Problems And Solutions 1 (1), 59-64, 2017.

65. S. Balaji, M. Rajaram, "Xed And Quarantine Analysis Method For Replica Detection In Mobile Sensor Networks", Journal Of Global Engineering Problems And Solutions 1 (1), 41-45, 2017.

66. Aravind Swaminathan, G, Manimegalai, G & Kalyani, S, "QBack- Pressure Algorithm in Visual Sensor Networks to achieve Energy Efficiency through Delay Reduction," ARPN Journal of Engineering and Applied Sciences, vol. 10, no. 9, pp. 4191-4196, 2015.

67. Aravind Swaminathan, G &Manimegalai, "Energy Efficiency in Visual Sensor Networks: A Survey," European Journal of Scientific Research, vol.86, pp. 502-508, 2012

68. Aravind Swaminathan, G, Manimegalai, G &Murugeswari, S, "Enhancing Energy Efficiency in Visual Sensor Networks Through Actor Node," International Journal of Applied Engineering Research, vol.10, no. 2 , 2015.

69. Gomathi, S &Manimegalai, D, 2011, 'An Analysis of MIPS Group Based Job Scheduling Algorithm with other Algorithms in Grid Computing', IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 6, No 3, November 2011.

70. Gomathi, S &Manimegalai, D, 2014, 'Keyless Cryptography in Grid Computing using Cyclic Shift Transposition Algorithm', Journal Of Theoretical and Applied Information Technology, vol.63, no.1, pp. 112-118, ISSN : 1992-8645 .

71. Mrs.S.Gomathi , Ms.K.Muthukrishnaveni, Highly secured and efficient HSOC for mobile health care system, International , Feb 28,2014, ISSN:2321-7782, Vol 2,Issue 2., IJARCSMS publication.

72. Gomathi, S &Manimegalai, D, 2016, 'Efficient Keyword Search using Encrypted Text in Grid Computing Architecture', International Journal of Business Information systems, vol 21,no.2,pp.195-205,ISSN : 17460972 .

73. S.Gomathi,M. Bagya Lakshmi, "A novel approach for video-restoration using group based sparse representation", International Journal of advanced Research in Computer Engineering and Technology, ISSN :2278-1323,Vol 4, Issue 2,2015.

74. Mrs. S. Gomathi , P Deepa, "Secure search scheme of encrypted data on mobile cloud", International Journal of Advances in Engineering Research ,e-ISSN: 2231-5152/ p-ISSN: 2454-1796, Vol. No. 11, Issue No. I,2016.

75. Mrs. S. Gomathi ,D.Nishan Nithya " Hop by Hop authentication scheme using MAC for WSN", International journal of Engineering Research-online(ijoer), Vol.No.4,Issue No, PageNo:- 17-21,2016

76. S. Gomathi ,D.Nishan Nithya " Hop by Hop Authentication Scheme using ECDSA for WSN", Journal of Chemical and Pharmaceutical Sciences, Journal of Chemical and Pharmaceutical Sciences, Print ISSN: 0974,JCHPS Special Issue 11: July 2017,pp 42-45.

77. S. Gomathi ,P.Jagatheaswari " An efficient Selection of Relay Points in underwater Sensor Network Using Genetic Algorithm", International Journal of Scientific & Engineering Research, ISSN: 2259-5518,Volume 8,Issue 12,December 2017,pp 1-5.

78. S. Gomathi ,P.Jagatheaswari " A Hybrid Node Localization Technique in underwater Sensor Network using Node Localization Correction Approach", International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications, Volume. 3,Issue 2, ISSN: 2456-8805, April 2018.

79. Mr.C.Gopala Krishnan(ME), Dr.V.Kavitha M.E.,Ph.D and MsJ.JesuVedhaNayahi M.E " Reducing Latency by Providing Location Based Services Using Hybrid Cache in AdHoc Networks", International Journal of Advanced Networking and Applications.(IJANA).2012

80. Mr.C.Gopala Krishnan(ME)," A METHOD TO SUPPORT MULTI TENANT AS A SERVICE "Third Inter National conference on Advanced Computing (ICOAC 2011) –Published in IEEE Digital Library".

81. Mr.C.Gopala Krishnan M.E, MrSuceendrakumar M.E "Data Retrieval Mechanisms in Mobile Environments by Using Spatial Queries ", International Journal of Advanced Networking and Applications.(IJANA).2014

82. Mr.C.Gopala Krishnan M.E,(Phd) ,MrR.Alexander M.E,Ms V.Neela Gandhi M.E "Reducing Latency by Clustering Based Index Services using Hybrid Cache in Ad Hoc Networks", IJRITCC: International Journal on Recent and innovation trends in computing and communication.2014.

83. Mr.C.Gopala Krishnan M.E,(Phd) ,Dr A.RengaRajan ,MrR.Manikandan M.E,(Phd) " Delay Reduction by Providing Location Based Services Using Hybrid Cache in peer to peer Networks ", International Journal of Applied Engineering Research.Volume 9 ,Number 24(2014)

84. Mr C. Gopala Krishnan, Ms P. S. Apirajitha "Effective Secure Multi-keyword Top-k Retrieval over Relational Databases" International Journal on Advanced Computer Theory and Engineering .ISSN 2319 -2526. March 2015

85. Mr.C.Gopala Krishnan M.E,(Phd) ,Dr A.RengaRajan ,MrR.Manikandan M.E,(Phd) ."Delay Reduction by Providing Location Based Services using Hybrid Cache in peer to peer Networks."KSII TRANSACTIONS ON INTERNET AND INFORMATION SYSTEMS VOL. 9, NO. 6, Jun.2015

86. Jeena Jacob, K.G. Srinivasagan, K. Jayapriya, "Local Oppugnant Color Texture Pattern for image retrieval system," Pattern Recognition Letters, Volume 42, 1 June 2014, Pages 72–78

87. Jeena Jacob, K.G. Srinivasagan, "Image Retrieval Using Local Object Appearance and Spatial Colour Layout," in the International Journal of Computer Science and Electronics Engineering (IJCSEE),Vol.1, Issue 3 (2013), ISSN:2320-401x,EISSN 2320-4028.

88. Jeena Jacob, Dr. K.G. Srinivasagan, "Edge Oriented Image Retrieval Using Local Object Appearance and Spatial Colour Layout," International Journal of Applied Engineering Research (IJAER), Volume 9, Number 26 (2014), pp.9229-9231.

89. F.PhilominalDivya, I.Jeena Jacob, K.G.Srinivasagan, "An Image Indexing and Retrieval Algorithm Using Local Tetra Texture Features," International Journal of

Advanced Research in Computer Science and Software Engineering (ISSN: 2277 128X), Vol.3, Issue 3, March 2013.

90. Blessy, Dr. D. C. Joy Winnie Wise, Detection of Affected Parts of Plant Leaves and Classification of Diseases using CNN Techniquie, International Journal of Engineering and Techniques- IJET ,vol 4 Issue 2-2018

91. Blessy, Dr. D. C. Joy Winnie Wise, Detection of Affected Parts of Plant Leaves and Classification of Diseases with its severity, International Journal of Research in Advanced Technology vol.2, Issue 8,2017

92. D. Elizabeth Paulsyah, Dr. G. Aravind Swaminathan, Anterior Mitral Leaflet Ferret out in Cardiac Echo Sequences using FABC, International Journal of Engineering and Techniques- IJET ,vol 4 Issue 2-2018.

93. D. Elizabeth Paulsyah, Dr. G. Aravind Swaminathan, Anterior Mitral Leaflet Ferret out in Cardiac Echo Sequences using ABC, International Journal of Research in Advanced Technology vol.2, Issue 8, 2017.

94. P. Emimal Gnana Merchiba, Dr. S. Balaji, QART-MANET: Qualitative Analysis for Reliable Transmission of Data Using RAT Mechanism in MANET with 3DES Algorithm, International Journal of Engineering Research in Computer Science and Engineering(IJERCSE), vol 5 Issue 3, March 2018

95. P. Jagatheaswari, Dr. S. Gomathi, A Hybrid Node Localization Technique in Underwater Sensor Network Using Node Localization Correction Approach, International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications(IJARIDEA), vol 3 Issue 2, April 2018.

96. P. Jagatheaswari, Dr. S. Gomathi,An Efficient SelectionofRe;ay Points in Underwater Sensor Network Using Genetic Algorithm, International Journal of Scientific And Engineering Research,volume 8,Issue 12,December 2017.

97. Jenifer Ebinezer, Mrs. P. Brundha, Mobile Sink Based Lifetime Optimization for Data Gathering and Forwarding in Wireless Sensor Networks, International Journal of Advanced Research in Management,Architecture,Technology and Engineering(IJARMATE), Volume 4,Issue 5, May 2018

98. Jenifer Ebinezer, Mrs. P. Brundha, Energy Efficient Schemes for Exploiting Dual Mobile Sinks in Wireless Sensor Networks, International Journal of Engineering and Techniques- IJET ,vol 4 Issue 2-2018

99. Mahesh Kumar, Mrs. B. Benita, Securing File Access Using Revocable Storage Identity Based Encryption In BigData, International Journal Advanced Research in Basic Engineering Science and Technology(IJARBEST), Vol.4,NO.3,March 2018.

100. SamrajLawrance.T, Robot Repair Algorithm for Automatic Hole Detection and Coverage in Wireless Sensor Networks, Asian Journal of Information Technology, Year: 2016 | Volume: 15 | Issue: 11 | Page No.: 1655-1662, DOI: 10.3923/ajit.2016.1655.1662

101. SamrajLawrance.T, An Optimal Approach for Secure and Energy Efficient Data Transfer in WSN using Hierarchical and Dynamic Elliptic Curve Cryptosystem, International Journal of Computer Techniques – Volume 3 Issue 2, Mar- Apr 2016 IJCT V3I2P18

102. SamrajLawrance.T, Data Protection Using Hierarchical and Dynamic Elliptic Curve Cryptosystem in Wireless Sensor Network, Volume 3 :: Issue 5,6 :: ITSI-TEEE, SSN (PRINT) : 2320–8945, Volume - 3, Issue - 5,6 2015, ITSI Transactions on Electrical and Electronics Engineering (ITSI - TEEE)

103. SamrajLawrance.T, Improved Network Lifetime and Hole Detection in Wireless Sensor Networks using Robot Repair Algorithm with Topology Control Fault Tolerance, Rev. Téc. Ing. Univ. Zulia. Vol. 39, Nº 10, 37-43, January 2016, doi:10.21311/001.39.10.04

104. Mobile Synchronized Wireless Sensor Network: An Energy Efficient Data Transmission Using DVMRP, International Journal of Engineering Science and Computing, October 2016

105. SamrajLawrance.T, Performance Evaluation of Routing Protocols, International Journal on Research Innovations in Engineering Science and Technology(IJRIEST), Website:www.ijriest.com Email:editor.ijriest@gmail.com, Issue 1, Volume1, January-2016

106. SamrajLawrance.T, Secure And Efficient Hybrid Approach For Data Transmission In Zigbee Network, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 12 Issue 4 – FEBRUARY 2015.

107. SamrajLawrance.T, Data Communication with Geographic Routing Using LPSR in Wireless Sensor Network, IJCSE-V1I3P1, International Journal of Computer science engineering Techniques-– Volume 1 Issue 3, Mar – Apr 2016 , ISSN: 2455-135X

108.   Secure and Continuous Wireless Dispatch using Lock -Timeout Puzzles, IJISET - International Journal of Innovative Science, Engineering & Technology, Vol. 1 Issue 2, April 2014. www.ijiset.com ISSN 2348 – 7968,

109.   SamrajLawrance.T, Categorization and Secure Scheduling of Data Packets for Improving the Efficiency of Data Downloading in Moving Vehicles, IJSRD - International Journal for Scientific Research & Development| Paper ID: IJSRDV3I1610, Vol. 3, Issue 01, 2015, ISSN (online): 2321- 0613 All rights reserved by www.ijsrd.com (IJSRD/Vol. 3/Issue01/2015/296)

110.   SamrajLawrance.T, Intelligent Communication With Geographic Routing By Overcoming Unreachability Problem In Wireless Sensor Network, International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE), Vol. 1, Issue 4, November 2015, ISSN (ONLINE): 2454-9762 ISSN (PRINT): 2454-9762, Doi 10.20256/IJARMATE.2015.0111009

111.   SamrajLawrance.T, A Failure Recovery of Map using SFDA for an Energy Efficient Data Transmission in Mobile Synchronized Wireless Sensor Network, Journal of Chemical and Pharmaceutical Sciences Print ISSN: 0974-2115, JCHPS Special Issue 11: July 2017, www.jchps.com,

112.   SamrajLawrance.T, Target localization and failure node recovery mechanism in wireless sensor networks, Article in International Journal of Applied Engineering Research 10(15):35714-35719 · September 2015.

113.   SamrajLawrance.T, Secure and Energy Efficient Hierarchical Public-Key Cryptosystem For Data Protection In Wireless Sensor Network, ISSN 2394-3777 (Print),ISSN 2394-3785 (Online), Available online at www.ijartet.com , International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 3, Special Issue 10, March 2016,

114.   SamrajLawrance.T, Hybrid Source Routing Protocol To Avoid Void In Wireless Sensor Network,ISSN 2394-3777 (Print),ISSN 2394-3785 (Online), International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 3, Special Issue 10, March 2016

115.   E. Manohar, K. Jeya, C. Vinola, Brundha and D. C. Joy Winnie Wise, "Classification of Clouds using Gradient Based Image Segmentation", International Journal of Research in Engineering Technology, Vol.1 No.3, pp. 8-12, 2016.

116.   E. Manohar, Deepa P., Gomathi S., Brundha and D. C. Joy Winnie Wise, "An Efficient and Secure Search Scheme of Encypted Data on Mobile Cloud",

International Journal of Mathematical and Computing Technology, Vol.1 No.2, pp. 1-9, 2016.

117.   E. Manohar, K. Immanuel and D. C. Joy Winnie Wise, "Mining the Concise Representation of High Utility Itemsets", International Journal of Advances in Engineering Research, Vol.11 No.1, pp. 29-39, 2016.

118.   E. Manohar, M. Berlin Mary, T. Samraj Lawrence, P. Brundha and D. C. Joy Winnie Wise, "Data Communication with Geographic Routing using LPSR in Wireless Sensor Network", International Journal of Computer Science Engineering Techniques, Vol.1 No.3, pp. 8-12, 2016.

119.   E. Manohar, K. Jeya, C. Vinola and Brundha, "Gradient Based Image Segmentation and Automatic Cloud Detection", International Journal of Advanced Research Trends in Engineering and Technology, Vol. 3 No.3, pp. 1-7, 2016.

120.   E. Manohar, S. Sankari, and S. Malaiarasan, "Power Conservation and Reliable Transmission of Signals Using Serial Joint Beamforming", International Research Journal of Engineering and Technology, Vol. 3 No.10, pp. 14-18, 2016.

121.   E. Manohar, T. Preethi and K. Chitralakshmi, "A study on Data Preprocessing Techniques", International Journal of Scientific Research & Development, Vol. 3 No.1, pp. 1159-1160, 2015.

122.   E. Manohar, R. Hemavathi @ Jeyalakshmi, M. SanthanaArumugaSankari, and Dr. Joy Winnie Wise, "Supervised and Unsupervised Alignment Model for Opinion Target and Word Extraction from Online Reviews", International Journal of Advanced Research in Management Architecture, Vol. 1 No.3, pp. 14-18, 2015.

123.   E. Manohar, S. Chandrakumar, and S. George Joseph Edison, "Communication System are Typical Information System Routing for Wirless Networks in MANET", International Research in Biology, Ecology, Science and Technology, Vol. 1, No.2, pp. 1-11, 2015.

124.   E. Manohar, S. Chandrakumar, and S. George Joseph Edison, "Hybrid Cloud Computing Data Encryption for Wireless Network", International Journal of Advanced Research Trends in Engineering and Technology, Vol. 2, No. 11, pp. 176-184, 2015.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

1. A.Ravi, Modeling and simulation of three phase multilevel inverter for grid connected photovoltaic systems, Elsevier Journal Solar Energy, Volume 85, Issue 11, November 2011, Pages 2811-2818.

2. A.Ravi, Harmonic Reduction of three-phase Multilevel Inverter for Grid Connected Photovoltaic System using Closed Loop Switching Control,International Review of Modelling and Simulations, Vol. 5 N. 5- PartA.October-2012

3. A.Ravi, Closed loop control of diode clamped multi-level inverter with integrated maximum power point tracking for grid connected photovoltaic applicationPrzeglądElektrotechniczny, vol.10, pp.230-236. 2013.

4. Ravi, Simulation and an experimental investigation of SVPWM technique on a multi-level voltage source inverter for photovoltaic systems , Electrical Power and Energy Systems, vol.52, pp. 116–131, 2013.

5. A.Ravi,A Novel and Advanced Interleaved Power Converter for a Three Phase Standalone Inverter Compensated With STATCOM Using ANN,International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, vol. 5, Issue 2, pp. 888-897, 2015.

6. A.Ravi,A Fuzzy Logic Controlled Solar Power Generation w ith Seven - Level Inverter,International Journal of Emerging Technology and Advanced Engineering, vol. 5, Issue 2, pp. 285-288, 2015.

7. A.Ravi,Harmonic Reduction of Three-Phase Eleven-level DCMLI with Fuzzy MPPT for Grid Connected Photovoltaic System, International Journal of Applied Engineering Research,vol. 10, Issue 2, pp. 3251-3268, 2015.

8. A.Ravi,Optimal current regulation strategy for three-phase back to back active power conditioners, International Journal of Research in Advanced Technology,vol.2, Issue 1, 2016.

9. A.Ravi, "Five Level double converter for induction motor Drives", National level conference, 2005 held at GCT Coimbatore.

10. A.Ravi, Five Level Diode Clamped Multilevel Inverter, National Power Engineering Conference - 2010, December 2010, Pages: 96-99.

11. A.Ravi, Diode Clamped Multilevel Inverter for PV Grid Systems, International Conference on Modeling, Control, Automation and Communication, (ICMCAC–2010), December 2010, and Pages: 218-220.

12. A.Ravi, A single phase photo voltaic based transformerless Nine-level inverter, IEEE International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'15) , March 2015.

13. A.Ravi"Improved PV Penetration by Increasing Recative Power Level in a Grid Connected System"National conference on Electrical power and energy systems Kongunadu College of Engineering & Technology, Namakkal. , 2015.

14. A.Ravi, "DC capacitor voltages balanced in diode clamped multi level inverter using artificial intelligence"National conference on emerging scenario in electrical and electronics engineering, The new Royal college of engineering and tech., Chennai. 2014

15. A. Ravi, "Evaluation and control of DC to DC converter for photo voltaic system"National conference on emerging trends in electrical, electronics and control engineering for sustainable and rural development, Sri krishna college of technology, Coimbatore.2014.

16. Ravi, "Drift avoidance in photo voltaic system using modified perturb and observe MPPT algorithm" IEEE International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16) , March 2016.

17. Ravi, "Implementation of artificial neural network controlled back to back active power conditioner" IEEE International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS'16) , March 2016.

18. Annapandi.P and Dr.M.Rajaram "Fuzzy logic based UPQC controller for compensating power quality problems" Australian Journal of Basic and Applied Sciences. Vol.2,No.5,pp 175—181,2012.

19. Annapandi.P and Dr.M.Rajaram, "Dynamic Modeling and Simulation of Unified Power Quality Conditioner" International Journal of Electrical   Engineering,Vol.5,No.1,pp 23-36,2012.

20. Annapandi.P and Dr.M.Rajaram, "Multibus System using Thyristor Controlled Series capacitor and Combined operation of UPQC with photovoltaic Array" International Journal of Electrical   Engineering,Vol.5,No.6,pp 769-781,2012.

21. Annapandi.P and Revathi.M.K"Enhancing Security in Identity Documents Using QR Code" International Journal of Research in Engineering & Advanced Technology, Volume 1, Issue 5, Oct-Nov, 2013

22. Revathi.M.K ,Annapandi.P and, Ramya K P "PD-OSVM: Pedestrian Detection Based on Online Support Vector Machine Using Convex Hulll" International Journal of Research in Engineering & Advanced Technology, Volume 1, Issue 5, Oct-Nov, 2013

23. Sona G, Annapandi.Pand ,YaminiB"An Opponent Resilient Secret Sharing Based on advanced Decoding Mechanism" International Journal of Research in Engineering & Advanced Technology, Volume 1, Issue 5, Oct-Nov, 2013.

24. Annapandi.P and Sona G ,Addlin S "Establishing Adversary Resistant Communication in Wireless Network " International Journal of Innovative Research in Computer and Communication Engineering, Vol.2, Issue 1, March 2014

25. Sona G ,Annapandi.P Yamini B "Inscribing in to an Control Attempt against Jammer Attack Using FB Decoding Mechanism" Applied Mechanics and Materials . Vol.573,,pp 412-417,June 2014.

26. M.K. Revathi, P. Annapandi, K.P. Ramya "A Robust Pedestrian Detection Approach Based on Support Vector Machine Using Convex Hull" Applied Mechanics and Materials . Vol.573,,pp 501-508,June 2014.

27. K.P. Ramya, R. Chithra Devi, M.K. Revathi, P. Annapandi "Sensor Data Hiding Based on Image Watermarking Using Interpolation Technique over Inter-Packet Delays" Applied Mechanics and Materials . Vol.573,,pp 543-551,June 2014.

28. Dr.P.Annapandi,Dr.Selvaperumal "Model predictive control law of sepic converter" International Journal of Advanced Engineering Technology,Vol 7,Issue1,March 2016

29. Anish joy,Dr.P.Annapandi,JeyaPradeepa "Evolutionary algorithm used in efficient congestion management analysis",International Journal of innovative works in Engineering and Technology,Vol 2,Issue 3,March 2016

30. Dr.P.Annapandi,V.VigneshArumugam,Dr.Senthil Singh "Control approach of shunt active power filter for current compensation",International Journal of research in Advanced Technology,Vol 2,Issue 6,Dec 2016.

31. Dr.P.Annapandi,S.PoongothaiNachiyar "Simulated annealing optimization of renewable energy resources based on battery storage system,International Journal of research in AdvancedTechnology,Vol 2, Issue 1, Jan 2017.

32. Dr.P.Annapandi,S.PoongothaiNachiyar "Unit commitment using GWO in multi microgrid networks based on battery SOC model",International Journal of Advanced research in basic Engineering sciences and Technology,Vol 3,spl Issue 24, Mar 2017.

33. Dr.P.Annapandi, S.P. Rajaram "Implementation Analysis on Parallel Parking Scheme for Autonomous Robots based on Nonholonomic Constraints",Current Signal Transduction Therapy ,Vol 3, Issue 1,Apr 2018.

34. Sriramkumar ,Dr.P.Annapandi"Transmission of data through Power line communication",International Journal of Innovative Works in Engineering and Technology ,Vol 4, Issue 4,Sep 2018.

35. Murugan, S &Umayal, SP 2014, 'An Evolutionary Optimized Algorithm Approach to Compensate the Nonlinearity in Linear Variable Displacement Transducer Characteristics', Journal of Electrical Engineering and Technology, Vol. 9, No. 6, pp. 2142-2154.

36. Murugan, S &Umayal, SP 2015, 'A Novel Non-linearity Compensation Technique to Improve the Linearity Characteristic of Photoelectric Displacement Sensor based on Extreme Learning Machine Method', Photonic sensors, Springer publications, Vol. 5 No. 1, pp.24-31

37. Murugan, S &Umayal, SP 2014, 'A Novel Nonlinearity Compensation Method to Improve the Linearity Characteristics of Constant Temperature Anemometer using Optimized Evolutionary Algorithms', International Journal of Applied Engineering Research, Vol. 9   No. 23, pp. 21639-21656

38. Murugan, S &Umayal, SP 2014, 'Nonlinearity Compensation of Linear Variable Displacement Transducer based on Differential Evolution Algorithm', Australian Journal of Basic and Applied Sciences, Vol. 8, Issue 16, pp.1-10.

39. Devi, M S &Murugan, S 2015, 'An Evolutionary Optimized Nonlinearity Compensation Technique to Improve the Linearity Characteristic of Thermocouple Sensor', International Journal of Applied Engineering Research, Vol. 10 No. 1, pp. 945-951

40. Murugan, S &Umayal, SP 2013, 'A Case Study on Enhancing the Performance of Linear Variable Differential Transformer by using ANN Based Temperature Compensation Circuits' ,European Journal of Scientific Research, Vol. 96 No 1 February, 2013,   pp.7-16.

41. Murugan, S &Umayal, SP 2013, 'A Review on Enhancing the Linearity Characteristic of Different Types of Transducers - A Comparative Study', International Journal of Modern Engineering Research (IJMER), Vol.3, Issue.2, pp-1186-1191.

42. Murugan, S &Umayal, SP 2013, 'Identification of Nonlinearity in Linear Inductive Transducer', International Journal of Computer Science Engineering (IJASCSE), Vol.2, Theme based Issue.3, pp-24-29.

43. Murugan, S, Umayal, SP, Srinivasan K &Aruna M 2016, 'Nonlinearity Error Compensation of Venturi Flow Meter using Evolutionary Optimization Algorithms', International Journal for Innovative Research in Science & Technology, Volume 3, Issue 07, pp-30-39.

44. Murugan S, Rupan raj B, Saminathan K, Sivaraman S 2018, 'Configuration and Augmentation of Solar Humidifier System', International Journal of Research in Advanced Technology – IJORAT, Volume 3, Issue 3, pp. 1-4.

45. Sumathy M, Amala Manuela A, Murugan S, Gnanasaravanan A, 2018, 'WDO based Security Constrained Unit Commitment with Flexible Set for Variable Wind Power' Journal - ICON (Integrated concepts) Volume. 3. Issue. 1, pp. 7-15.

46. Akhil M K, J. Antony Robinson, "A Four Quadrant Speed Control BLDC Motor Using GA Optimized PID Controller and SVPWM", IJARTET, Vol.2,No.5,pp 236—241, 2015.

47. J.Antony Robinson, Sivasamuthira Pandian, J.Reegan, Arun Antony Xavier, "Multi input SEPIC converter based hybrid voltage source inverter for grid connected applications" International Journal of Modern Trends in Engineering and Research(IJMTER), Vol.3,,pp 46-56, 2016.

48. Mr.J.Antony Robinson , Dr.Ben john Stephen, Mrs.A.CordeliaSumathy, S.ThangaRenugaDevi,"Hybrid Bat Optimization Algorithm with Differential Evolution Strategy for Non-Smooth Optimal Power Flow", IJSART,Volume 2 Issue 12,Page:162-169,2016.

49. Mr. J.Antony Robinson, S.TamilSelvi, M. Ponmathy," IOT Based Gas and Oil Leakage Protection in Industry Using Robotics", International Journal of Innovative Works in Engineering and Technology (IJIWET), Volume 4, No.5, Page: 146-151, 2018.

50. S.Sivasamuthira Pandian J.Reegan, Arun Antony Xavier, J.Antony Robinson "Multi input SEPIC converter based hybrid voltage source inverter for grid connected applications" International journal of Modern Trends in Engineering and Research (IJMTER) Volume

3, Issue 04, Pages 11

51. SivasamuthiraPandian.SKavin.K.S,ThivyaPrasad.D, Nagaraju.N "Step up DC-DC Impedance source network based PMDC Motor drive "International journal of Modern Trends in Engineering and Research (IJMTER) Volume 2, Issue 01, Pages 8.

52. Meenakumari.SKavin.K.S, SivasamuthiraPandian.S, Vinoth.K "Fuzzy Logic Control & Minimizing Commutation Torque Ripple for Brushless DC Motor Based on SEPIC Converter "International journal of Modern Trends in Engineering and Research (IJMTER) Volume 1, Issue 06, Pages 10.

53. Shasikala.GKavin.K.S, SivasamuthiraPandian.S "Single Phase Thirteen Level Inverter using BI Directional Switches and reduced Switch Count for PV Systems" International journal of Modern Trends in Engineering and Research (IJMTER) Volume 1, Issue 05, Pages 09.

54. Mr.K.NarayananMr.S.Sivasamuthira Pandian, Dr.A.Gnana Saravanan "Renewable Energy Sources from Nano Leaf" International Journal For Science And Advance Research In Technology, Volume 2, Issue 12, Pages 03.

55. Mr.J.Antony Robinson, Mr.Sivasamuthira Pandian, Mr.J.Reegan, Mr.Arun Antony Xavier, "Multi input SEPIC converter based hybrid voltage source inverter for grid connected applications" International Journal of Modern Trends in Engineering and Research(IJMTER), Vol.3,,pp 46-56, 2016.

56. Mr.L.ArunAntonyXavier,Dr.A.Ravi, Dr.P.Annapandi "Automatic extraction of blood vessels in retina using tracking method" International Journal of Research in Advanced Technology – IJORAT (ISSN ONLINE – 2456-2769)Vol. 2, Issue 1, JANUARY 2017.

DEPARTMENT OF MECHANICAL ENGINEERING

1. Wall, Terry, Yinghui Liu, Chris Spero, Liza Elliott, Sameer Khare, RenuRathnam, Farida Zeenathal. "An overview on oxyfuel coal combustion—state of the art research and technology development." Chemical engineering research and design 87, no. 8 (2009): 1003-1016.

2. Khare, S. P., Wall, T. F., Farida, A. Z., Liu, Y., Moghtaderi, B., & Gupta, R. P. (2008). Factors influencing the ignition of flames from air-fired swirl pf burners retrofitted to oxy-fuel. Fuel, 87(7), 1042-1049.

3. Madhu, P., Kanagasabapathy, H., & Manickam, I. N. (2016). Cotton shell utilization as a source of biomass energy for bio-oil by flash pyrolysis on electrically heated fluidized bed reactor. Journal of Material Cycles and Waste Management, 18(1), 146-155.

4. Madhu, P., Manickam, I. N., &Kanagasabapathy, H. (2015). Production and upgradation of cotton shell pyrolytic oil for biofuel from flash pyrolysis by fluidized bed reactor. Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, 85(3), 457-462.

5. Madhu, P., I. Neethi Manickam, and H. Kanagasabapathy. "Production and characterization of phenolic compounds by flash pyrolysis of palmyra palm." Energy Sources, Part A: Recovery, Utilization, and Environmental Effects 38, no. 15 (2016): 2161-2169.

6. Madhu, P., Kanagasabapathy, H., & Manickam, I. N. (2016). Flash pyrolysis of palmyra palm (Borassusflabellifer) using an electrically heated fluidized bed reactor. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 38(12), 1699-1705.

7. Wagenaar, B. M., R. H. Venderbosch, J. Carrasco, R. Strenziok, and B. J. Van der Aa. "Rotating cone bio-oil production and applications." Progress in thermochemical biomass conversion (2001): 1268-1280.

8. Leno, I. Jerin, et al. "An elitist strategy genetic algorithm for integrated layout design." The International Journal of Advanced Manufacturing Technology 66.9-12 (2013): 1573-1589.

9. Leno, I. J., Sankar, S. S., &Ponnambalam, S. G. (2016). An elitist strategy genetic algorithm using simulated annealing algorithm as local search for facility layout design. The International Journal of Advanced Manufacturing Technology, 84(5-8), 787-799.

10. Leno, I. J., Sankar, S. S., Raj, M. V., &Ponnambalam, S. G. (2011, December). Bi-criteria optimization in integrated layout design of cellular manufacturing systems using a genetic algorithm. In International Conference on Swarm, Evolutionary, and Memetic Computing (pp. 323-331). Springer, Berlin, Heidelberg.

11. Leno, I. J., Sankar, S. S., &Ponnambalam, S. G. (2018). MIP model and elitist strategy hybrid GA–SA algorithm for layout design. Journal of Intelligent Manufacturing, 29(2), 369-387.

12. Leno, I. J., Saravanasankar, S., &Ponnambalam, S. G. (2012). Layout design for efficient material flow path. Procedia Eng, 38, 872-879.

13. Bathrinath, S., Sankar, S. S., Ponnambalam, S. G., & Leno, I. J. (2015). VNS-based heuristic for identical parallel machine scheduling problem. In Artificial Intelligence and Evolutionary Algorithms in Engineering Systems (pp. 693-699). Springer, New Delhi.

14. S. Joe Patrick Gnanaraj, S. Ramachandran and David Santosh Christopher, Enhancing the design to optimize the performance of double basin solar still, Desalination, (2017) Vol-411- 112–123.(Web of Science)

15. S. Joe Patrick Gnanaraj, S. Ramachandran and R. Anbazhagan, Performance of double slope solar still with external modifications, Desalination and water treatment, 80 (2017) 16-27. (Web of Science)

16. S.Joe Patrick Gnanaraj and S.Ramachandran, Optimization on performance of single slope solar still linked solar pond via Taguchi method, Desalination and water treatment, 80 (2017) 27–40. .(Web of Science)

17. S. Joe Patrick Gnanaraj, S. Ramachandran, and David Santosh Christopher. "Enhancing the productivity of double-slope single-basin solar still with internal and external modifications." International Journal of Ambient Energy (2017): 1-6. Web of Science

18. Joe Patrick Gnanaraj, S Ramachandran and K Logesh, A Review of Various Techniques used for the Improvement of Solar Still, Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol- 8(3) (2017), 1971-1979. scopus index.

19. S.Joe Patrick Gnanaraj, S.Ramachandran and G.Mageshwaran, Experimental Analysis of Single Basin Solar Still with Internal Reflector and Sensible Heat Storage Medium, International Journal of ChemTech Research,(2016) Vol.-9(8) 328-337. scopus index.

20. Joe Patrick Gnanaraj, S Ramachandran and K Logesh, A Review on Solar Water Distillation Using Thermal Energy Storage, Research Journal of Pharmaceutical, Biological and Chemical Sciences, (2016) Vol.-7(6) 2471- 2477. scopus index.

21. Joe Patrick Gnanaraj, S Ramachandran and K Logesh, Enhancing the performance of solar still with solar pond, Journal of Chemical and Pharmaceutical Sciences, Vol-10 (1) 267- 269. scopus index.

22. S. Joe Patrick Gnanaraj and S.Ramachandran, Design and fabrication of modified single slope solar still With Solar Pond, international journal of chemical science Vol-14 (2), 2016, 615-624. scopus index.

23. S.Ramakrishnan and S. Joe Patrick Gnanaraj. "Machinability Studies of Jute and Cotton Reinforced with Epoxy Composites.", International Journal of Research in Engineering, Science and Technologies, Vol 2 60-68. scopus index.

24. S. Joe Patrick Gnanaraj, Ramakrishnan, S., and Kaviarasan, K. Friction Welding on Cast Al7075\SiC Composites, International Journal of Research in Engineering, Science and Technologies, Vol 1 4-11. scopus index.

25. A. Abdul Munaf, S.Joe Patrick Gnanaraj, G.Suresh, S.K.RajeshKanna, M.Bakkiyaraj, Optimization Of Double Slope Single Basin Solar Still With Energy Storage Medium, Journal of Emerging Technologies and Innovative Research, 2018, Volume 5, Issue 9.

26. Hansen, RS &Murugavel, KK, 2017, 'Enhancement of integrated solar still using different new absorber configurations: An experimental approach', Desalination, Elsevier publications vol. 422, pp. 59-67   (Annexure I, Impact Factor: 6.603).Cited by:10

27. Hansen, RS, Naraynan, CS &Murugavel, KK, 2015, 'Performance analysis on inclined solar still with different new wick materials and wire mesh', Desalination, Elsevier publications, vol. 358, pp. 1-8 (Annexure I, Impact Factor: 6.603). Cited by:58

28. Murugavel, KK, Anburaj, P, Hansen, RS &Elango, T 2013, 'Progresses in inclined type solar stills', Renewable and Sustainable Energy Reviews, Elsevier publications, vol. 20, pp. 364-377 (Annexure I, Impact Factor : 9.184). Cited by:46

29. Rajaseenivasan, T, Murugavel, KK, Elango, T &Hansen, RS 2013, 'A review of different methods to enhance the productivity of the multi-effect solar still', Renewable and Sustainable Energy Reviews, Elsevier publications vol. 17, pp. 248-259 (Annexure I, Impact Factor : 9.184). Cited by:71

30. Anburaj, P, Hansen, RS &Murugavel, KK 2013, 'Performance of an inclined solar still with rectangular grooves and ridges', Applied solar energy, Springer Verlag publishers, vol. 49, no. 1, pp. 22-26. (Annexure II, Impact Factor: 0.65). Cited by:14

31. Sriram, V, Hansen, RS &Murugavel, KK 2013, 'Experimental study on a low pressure solar still', Applied solar energy, Springer Verlag publishers, vol. 49,no.3, pp. 137-141. (Annexure II, Impact Factor: 0.65).

32. Maheswari, K. S., K. KalidasaMurugavel, and G. Esakkimuthu. "Thermal

desalination using diesel engine exhaust waste heat—an experimental analysis." Desalination 358 (2015): 94-100.

33. Jerin Leno, V.Janakiraman and S.SheikSulaiman (2018), GA Based Soft Computing Approach for Open-Field Detail Layout Design, International Journal for Scientific Research & Development| Vol. 6, Issue 02, 2018

34. S.SheikSulaiman, K.Krishnamoorthy, R.Karthikeyan(2016), Finite Element Simulation OF Welding in Steel pipes and plates, International Journal of Research in Advanced Technology – IJORAT Vol. 1, Issue 1, JANUARY 2016.

35. K.Krishnamoorthy,S.SheikSulaiman, R.Karthikeyan (2016), Thermal Analysis Of Welding In T-Joint Plates Using Finite Element Analysis, International Journal of Research in Advanced Technology – IJORAT Vol. 1, Issue 1, JANUARY 2016.

36. R.Karthikeyan, S.SheikSulaiman, K.Krishnamoorthy (2016), Design A Tribological Behaviour Of Pump Shaft Using Shot Peening Process, International Journal of Research in Advanced Technology – IJORAT Vol. 1, Issue 1, JANUARY 2016.

37. S.SheikSulaiman, K.Krishna Moorthy, JermyJeba Samuel, (2016), Fracture Analysis Of Compact Tension Specimen, International Journal of Research in Advanced Technology – IJORAT Vol 1, Issue 9, NOVEMBER 2016.

38. S.SheikSulaiman, K.Krishna Moorthy, Mr.L.Shunmugaraj(2016),Probabilistic Failure Analysis Of Nuclear Piping Containing defect, International Journal of Research in Advanced Technology – IJORAT Vol 1, Issue 9, NOVEMBER 2016

39. ArockiaReemas.S, & Maheswaran, R. (2017). Effect of EPS volume fraction in buoyancy characteristics of expanded polystyrene/epoxy sandwich composites. International Journal of Materials Engineering Innovation, 8(2), 146-157.

40. R, Maheswaran and S, ArockiaReemas (2018) "Mechanical Characterization of Expanded Polystyrene Spheres Embed Sandwich Composites for Packaging Applications," Journal of Applied Packaging Research: Vol. 10 : No. 5 , Article 1.

41. R. Meby Selvaraj, P. Ebenezer Sathish Paul, G. Uthaya Kumar, M. Ramesh, (2017) "Optimisation of swept angles for airfoil NACA 6-series", Int. J. Computer Aided Engineering and Technology, Vol.9, No.2, pp 229-240.

42. Raj Gokul P, Ebenezer Sathish Paul P, Sreedharan M, (2015) "Numerical Modelling of Leakage Behaviour of Seal"publishedinInternational Journal of Innovative Research in Science, Engineering and Technology" (IJIRSET), Volume 4, pp 147-151.

43. G.Uthaya Kumar, P. Ebenezer Sathish Paul, M.Ramar, (2015) "Implementation of Taguchi Method on Milling operation for the analysis of surface finish" published in International Journal of Applied Engineering Research (IJAER), Volume 10, Number 39, pp 29597-29601.

44. P. Ebenezer Sathish Paul, G.UthayaKumar,R. Meby Selvaraj, (2015) "Mathematical Investigation and Computational Fluid Dynamic model of Reciprocating air compressor to obtain pressure crank angle" published in International Journal of Applied Engineering Research (IJAER), Volume 10, Number 39, pp 29602-29609.

45. P.Raj Gokul, P. Ebenezer Sathish Paul,(2015) "Contact analysis of leakage behavior of seal using CFD" published in International Journal of Applied Engineering Research (IJAER), Volume 10, Number 39 special issue, pp 29713-29717.

46. P. Ebenezer Sathish Paul, G. Uthaya Kumar, S. Durairaj, D. Sundarrajan,(2015) "Design and Analysis of Industrial Ball Valve using Computational Fluid Dynamics" published in International Journal of Recent Trends in Mechanical Engineering (IJRTME), ISSN 2347-7326,Volume 3 issue1, pp 1-6.

47. R.Meby Selvaraj, P. Ebenezer Sathish Paul, M.Ramar, (2014) "Computational Fluid Dynamic Analysis of NACA 6 series" published in International Journal of Research and Scientific Innovation (IJRSI), Volume 1, Issue 1, pp 30-32.

DEPARTMENT OF CIVIL ENGINEERING

1. Angelina ThangaAjisha, M & Rajagopal, K 2014, 'Characterization and Adsorption Study using Cocus nucifera midribs for Fluoride Removal' Journal of The Institution of Engineers (India): Series A: vol. 94, no. 4, PP 209-217.

2. Angelina ThangaAjisha, M & Rajagopal, K 2015, 'Fluoride removal study using pyrolyzed Delonix regia pod, an unconventional adsorbent' International Journal of Environmental Science and Technology, vol. 12, no. 1 , PP 223 – 236. (AnnexureI: 3731, INT J ENVIRON SCI TE, 1735-1472, 3.051)

3. Angelina ThangaAjisha, M & Rajagopal, K 2012, 'Ground water quality measurement: Analysing, Mapping of Fluoride exposure at South Tamilnadu' International Journal of Scientific and Engineering research, vol. 3, no. 10, PP 1138-1146.

4. P . Jaison, P.JencyJeno, Dr.M.AngelinaThangaAjisha, 2017, Secure And Improved Reversible Watermarking (Rw) Based On Local Prediction, International Journal of Innovative Works in Engineering and Technology (IJIWET), Vol. (3), No. (1): PP64-71

5. R.Y.Rajasundari, P . Jaison ,Dr.M.AngelinaThangaAjisha, 2017, Kaolinite Stabilization Using Sodium Hydroxide, International Journal of Innovative Works in Engineering and Technology (IJIWET) Vol. (3), No. (1),PP 56-63

6. Dr. M. Angelina ThangaAjisha, Ms. M. M. Sai Harshita,Optimal Sensor Placement And Damage Detection In Structural Health Monitoring Using Combined Optimization Techniques, 2017, International Journal of Innovative Works in Engineering and Technology (IJIWET), Vol. (3), No. (1),PP 47-55

7. Dr.M.AngelinaThangaAjisha,C.Meena, K.Arasalakshmi, K.Yesurani, Selection Of Suitable Site For Shrimp Farming In The Coastal Areas Of Tuticorin Using Remote Sensing And GIS Techniques,2018,International Journal of Current Research in Life Sciences, Vol. 07, No. 04, pp.1817-1821

8. Jaslin J Christopher, M.AngelinaThangaAjisha, K. Muthukumaran,Pb (II) Removal from Aqueous Solution by Chemically Activated Carbon Composite using fixed bed Column,2018,Journal of Applied Science and Computations (JASC),Vol. 5, No. 8,PP 48-55

9. Jaslin J Christopher, M.AngelinaThangaAjisha, K. Muthukumaran Column Performance on Pb(II) Removal from aqueous solution by chemically activated carbon Composite,2018, Recent Trends in Analytical Chemistry (ICORTAC), AB 402, PP 197.

10. Dr.M.AngelinaThangaAjisha,C.Meena, K.Arasalakshmi, K.YesuraniExperimental Investigation on Building Blocks using E-Waste, Sugarcane Bagasse and Quarry Dust, International Journal of Research in Advanced Technology(IJORAT), Vol. 3, Issue 4,PP 1-4.

11. Siva Naga Ramani S, Angelina ThangaAjishaM, Meena C, Arasalakshmi K, 2018, Investigation On Pervious Concrete By Oil Palm Kernel Seed, International Journal of Research in Advanced Technology (IJORAT) Vol. 3, Issue 4,PP 5-8

12. Arthi K, Dr.M.AngelinaThangaAjisha, Meena C, Aparna, 2018, Performance Of Ground Granulated BlastFurnace Slag Concrete With PartialReplacement Of Cement, International Journal of Research in Advanced Technology (IJORAT) Vol. 3, Issue 4,PP 9-13

13. M. S. Ravikumar, Selvamony C., S. U. Kannan and S. Basil Gnanappa, 2009, Behaviour Of Self Compacted Self Curing Kiln Ash Concrete With Various Admixtures, ARPN Journal of Engineering and Applied Sciences, VOL. 4, NO. 8, PP 25-30.

14. SelvamonyC. , Ravikumar M.S. , Kannan S.U. , Basil Gnanappa S,2009, Development Of High Strength Self-Compacted Self-Curing Concrete With Mineral Admixtures, International Journal on Design and Manufacturing Technologies,Vol.3, No.2,PP 103-108

15. S. U. Kannan, Selvamony C., M. S. Ravikumar and S. Basil Gnanappa, Investigations And Study On The Effect Of AR Glass Polymer Fibres In Self-Compacting Self-Curing Concrete, 2010, ARPN Journal of Engineering and Applied Sciences. VOL. 5, NO. 2, PP 41-45.

16. C. Selvamony, M. S. Ravikumar, S. U. Kannan and S. Basil Gnanappa Investigations On Self-Compacted Self-Curing Concrete Using Limestone Powder And Clinkers, 2010, ARPN Journal of Engineering and Applied Sciences. Vol. 5, NO. 3, PP 1-6.

17. Dr.C.Selvamony, Dr.M.S.Ravikumar, Dr.S.U.Kannan, 2012,Experimental Investigation On High Performance Concrete Using Silicafume And Flyash, 2012, Journal of Current Engineering Research, Volume 2, Issue 3, PP 11-22.

18. Dr.S.U.Kannan, Experimental Investigation on High Performance Concrete Using Silicafume And Flyash, 2017, International Journal Of Engineering Research And Development, Vol. 13, No. 10, PP 42-49.

19. Manikandan S, Dr. S. U.Kannan, Samuel Prabakaran, Vivek S, 2018, Experimental Investigation on Bond Strength, Impact Resistance and Compressive Strength of Concrete with Industrial By-Products, International Journal for Research in Applied Science &Engineering Technology (IJRASET), Vol. 6, No. 4,PP 4181-4187.

20. A.Sam Appadurai, Dr.S.U.Kannan, J.SamuelPrabaharan, M.A.Raja , 2018, Experimental Study on Partial Replacement of Fine Aggregate by Using Foundry Sand and Glass Powder, International Journal of Management, IT & Engineering, Vol. 8 Issue 7(1), PP 138-144.

21. R.Anandakumar, Dr.C.Selvamony, Dr.S.U.Kannan, 2013, Retrofitting of Concrete Specimens and Reinforced Concrete Piles Using Basalt Fibres, International Journal of Engineering Science Invention Vol.2, No. 8, PP 1-5

22. Dr.S.U.Kannan, JebinRaj,Jerom Antony, Manoj, Mujahid, Study on the properties of self cleaning concrete using Titananium Dioxide, 2018, International Journal of Trend in Scientific Research and Development(IJTSRD),Vol.02,Issue 5,PP 1584-1587

23. A.Sam Appadurai, Dr.S.U.Kannan, J.SamuelPrabahran, M.A Raja, Experimental Study on partial replacement of Fine aggregate by using Foundary Sand and Glass Powder, International Journal of Management, IT &Engineering,Vol.08,Issue 7(1), PP138-144.

24. Dr.M.AngelinaThangaAjisha'C.Meena, K.Arasalakshmi, K.YesuraniExperimental Investigation on Building Blocks using E-Waste, Sugarcane Bagasse and Quarry Dust, International Journal of Research in Advanced Technology(IJORAT), Vol. 3, Issue 4,PP 1-4.

25. Siva Naga Ramani S, Angelina ThangaAjishaM, Meena C, Arasalakshmi K, 2018, Investigation On Pervious Concrete By Oil Palm Kernel Seed, International Journal of Research in Advanced Technology (IJORAT) Vol. 3, Issue 4,PP 5-8

26. Arthi K, Dr.M.AngelinaThangaAjisha, Meena C, Aparna, 2018, Performance Of Ground Granulated BlastFurnace Slag Concrete With PartialReplacement Of Cement, International Journal of Research in Advanced Technology (IJORAT) Vol. 3, Issue 4,PP 9-13

27. Dr.M.AngelinaThangaAjisha'C.Meena, K.Arasalakshmi, K.Yesurani, Selection Of Suitable Site For Shrimp Farming In The Coastal Areas Of Tuticorin Using Remote Sensing And GIS Techniques,2018,International Journal of Current Research in Life Sciences, Vol. 07, No. 04, pp.1817-1821

28. Siva Naga Ramani S, Angelina ThangaAjishaM, Meena C, Arasalakshmi K, 2018, Investigation On Pervious Concrete By Oil Palm Kernel Seed, International Journal of Research in Advanced Technology (IJORAT) Vol. 3, Issue 4,PP 5-8

29. Dr.M.AngelinaThangaAjisha'C.Meena, K.Arasalakshmi, K.YesuraniExperimental Investigation on Building Blocks using E-Waste, Sugarcane Bagasse and Quarry Dust, International Journal of Research in Advanced Technology(IJORAT), Vol. 3, Issue 4,PP 1-4.

30. Dr.M.AngelinaThangaAjisha'C.Meena, K.Arasalakshmi, K.Yesurani, Selection Of Suitable Site For Shrimp Farming In The Coastal Areas Of Tuticorin Using Remote Sensing And GIS Techniques,2018,International Journal of Current Research in Life Sciences, Vol. 07, No. 04, pp.1817-1821

31. Dr.M.AngelinaThangaAjisha'C.Meena, K.Arasalakshmi, K.YesuraniExperimental Investigation on Building Blocks using E-Waste, Sugarcane Bagasse and Quarry Dust, International Journal of Research in Advanced Technology(IJORAT), Vol. 3, Issue 4,PP 1-4.

32. Dr.M.AngelinaThangaAjisha'C.Meena, K.Arasalakshmi, K.Yesurani, Selection Of Suitable Site For Shrimp Farming In The Coastal Areas Of Tuticorin Using Remote Sensing And GIS Techniques,2018,International Journal of Current Research in Life Sciences, Vol. 07, No. 04, pp.1817-1821

33. Manikandan S, Dr. S. U.Kannan, Samuel Prabakaran, Vivek S, 2018, Experimental Investigation on Bond Strength, Impact Resistance and Compressive Strength of Concrete with Industrial By-Products, International Journal for Research in Applied Science &Engineering Technology (IJRASET), Vol. 6, No. 4,PP 4181-4187.

34. A.Sam Appadurai, Dr.S.U.Kannan, J.SamuelPrabaharan, M.A.Raja , 2018, Experimental Study on Partial Replacement of Fine Aggregate by Using Foundry Sand and Glass Powder, International Journal of Management, IT & Engineering, Vol. 8 Issue 7(1), PP 138-144.

35. S.Manikandan, N.Sakthieswaran, G.ShinyBrintha&O.GaneshBabu, 2016, Experimental Investigation on Bond Strength,Impact Resistance and UPV of Concrete withIndustrial By-Products, International Journal for Research in Applied Science & EngineeringTechnology (IJRASET),Vol.4, No.5, PP 436-439

36. Manikandan S, Dr. S. U.Kannan, Samuel Prabakaran, Vivek S, 2018, Experimental Investigation on Bond Strength, Impact Resistance and Compressive Strength of Concrete with Industrial By-Products, International Journal for Research in Applied Science &Engineering Technology (IJRASET), Vol. 6, No. 4,PP 4181-4187.

37. V Aparna, D Vivek, KancharlaNeelima and B Karthikeyan, Experimental investigations on steel-concrete composite columns for varying parameters, 2017, IOP Conf. Series: Earth and Environmental Science 80 (2017) 012029 do i :10.1088/1755-1315/80/1/012029

38. Joan Savitha, T.VelRajan, 2018, Industrial Effluent Treatment by Phytoremediation, International Journal of Innovative Research in Science,Engineering and Technology, Vol. 7, No. 1, PP 477-482

39. A.Sam Appadurai, Dr.S.U.Kannan, J.SamuelPrabaharan, M.A.Raja , 2018, Experimental Study on Partial Replacement of Fine Aggregate by Using Foundry Sand and Glass Powder, International Journal of Management, IT & Engineering, Vol. 8 Issue 7(1), PP 138-144.

40. Raja. M. A, Rajalakshmi. S, Valliappan. S, Dhivya. K. ,2017, UTILISATION OF GRANULATED MARBLE IN GEOPOLYMER CONCRETE, International Research Journal of Engineering and Technology (IRJET),Vol.04, No.12,PP 1705-1708

41. Siva Naga Ramani S, Angelina ThangaAjishaM, Meena C, Arasalakshmi K, 2018, Investigation On Pervious Concrete By Oil Palm Kernel Seed, International Journal of Research in Advanced Technology (IJORAT) Vol. 3, Issue 4,PP 5-8

42. Arthi K, Dr.M.AngelinaThangaAjisha, Meena C, Aparna, 2018, Performance Of Ground Granulated BlastFurnace Slag Concrete With PartialReplacement Of Cement, International Journal of Research in Advanced Technology (IJORAT) Vol. 3, Issue 4,PP 9-13

43. S.Siva Naga Ramani 1, Dr. R. Ilangovan,2017, An Investigation on Self Compacting Concrete Using Light Weight Material as a Partial Replacement of Fine Aggregate, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 5 ,PP 1111-1117

44. Manikandan S, Dr. S. U.Kannan, Samuel Prabakaran, Vivek S, 2018, Experimental Investigation on Bond Strength, Impact Resistance and Compressive Strength of Concrete with Industrial By-Products, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Vol. 6, No. 4,PP 4181-4187.