LIST OF PUBLICATIONS 2017

1. Dr. Malu Ravi, "Radiation Induced DNA damage evaluation of insects using Comet Assay", *Journal of Entomological Research,* ISSN 0378-9519

2. Anoop Raj J.R, "Microbial growth and degradation kinetics of perchlorate by proteus species. LMNCRE in a batch reactor system" Vol 15,3,2016*, International journal of Environment and sustainable development* ISSN 1474-6778

3. Jaya Mary Jacob ,New insights on the green synthesis of metallic nanoparticles using plant and waste biomaterials: current knowledge, their agricultural and environmental applications, Journal of Environmental Science and Pollution Research- Springer publications, DOI 10.1007/s11356-017-9912-6

4. Jaya Mary Jacob, Synthesis and characterization of silver nanoparticles using Gelidium amansii and its antimicrobial property against various pathogenic bacteria, Microbial Pathogenesis (2017), 10.1016/j.micpath.2017.11.013

5. Anju C S, Manoj Narayanan and Giridhar R Nair. Greener Synthesis Of Magnetic Iron Nanoparticles By Using Leaf Extract Of *Annona Muricata (Mullatha)* And Its Application As A Biosorbent For Removal Of Methylene Blue. International conference on advances in biotechnology and biotherapeutics (ICABBS-2017), Sathyabhama University, Chennai, India, 8-10th March 2017.

6. Anju C S, Manoj Narayanan and Giridhar R Nair. Greener Synthesis Of Magnetic Iron Nanoparticles By Using Leaf Extract Of *Simarouba Glauca* (Lekshmi Tharu) And Its Application As A Biosorbent For Removal Of Methylene Blue And Anticancer Studies. National conference on eco-friendly technological innovations for sustainable development (NCETISD-2017) organized by Sree Buddha College of Engineering, Pattoor during 17th April 2017.

7. Anju J,Badharudheen P A,Simi S Ebenzer,Drisya G Chandran, Manoj Narayanan. "Spent Oil As A Potential Precurssor For Biodiesel Production" National Conference On Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017.

8. Anju J,Badharudheen P A,Simi S Ebenzer,Drisya G Chandran, Manoj Narayanan. "Spent Oil As A Potential Precurssor For Biodiesel Production" National level student symposium (PARICHAY 2017) organised by NMAM Institute of Technology, Nitte ,Udupi,Karnataka held on 18th February 2017.

9. Chinchu Chandran, Manoj Narayanan and Giridhar R Nair. Investigation Of Plant Leaf Extract As Mediators For Laccase In The Deinking Of Paper. International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai, 2nd April 2017.

10. Chinchu Chandran, Manoj Narayanan and Giridhar R Nair. DEINKING OF NEWSPAPER PULP USING *Trametes sanguinea*. National conference on eco-friendly technological innovations for sustainable development (NCETISD-2017) organized by Sree Buddha College of Engineering, Pattoor during 17th April 2017.

11. Kousalya R, Manoj Narayanan.Leaf Eextract mediated synthesis of Silver nnoparticles from Simarouba glauca: synthesis, Characterization,Antibacterialactivity, Toxicity analysis and antioxidant activity National Conference on Ecofriendly Technological Innovations For

Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

12. Kousalya R, Manoj Narayanan Leaf Eextract mediated synthesis of Silver nnoparticles from Simarouba glauca: synthesis, Characterization,Antibacterialactivity, Toxicity analysis and antioxidant activity International Conference on Advances in Biotechnology and Biotherapeutics (ICABBS-2017) organized by Sathyabhama University during 8th -10th March 2017.

13. Vidya S, Meera Bai S; Bioremediation of Bisphenol A using Laccase producing White Rot Fungus National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

14. Vidya S, Chinchu Chandran, Meera Bai S. Dye Decolourization Using Fungal Laccase: A Review. International Journal of Innovations in Engineering and Technology (2017), Volume: 8, Issue: 1, pp: 118-123.

15. Anitha James A,Aswin T. Narayanan, Divya S and Meera Bai S Degradative Study Of Domestic Solid Waste Using Effective Micro Organisms National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

16. Manisha L, Shamnamol G K. "Characterization of Banana Empty Fruit Bunch and its Effective Conversion to Useful Bioproduct". National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

17. Vidya, Meera Bai S and Shamnamol G K. "Bioremediation of Bisphenol A using Laccase producing White Rot Fungus". National Conference On Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017.

18. Basil Joseph, Harsha Haridas, Anju A V and Shamnamol G K. Bio-Colour Extraction from *Ixora coccinea* And Its Optimization. National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

19. Gayathri G Kurup, Malavika Mukesh, Vrindha R,Swathi and Shamnamol G K. Eco friendly manufacture of Biodiesel & Dihydroxy acetone from waste ayurvedic oil. TECHFEST-2017 organized by KSCSTE and APJ Abdul Kalam Technological University during 13-14 January 2017.

20. 16) Basil Joseph, Harsha Haridas, Anju A V and Shamnamol G K. Bio-colour extraction from Ixora coccinea and its optimization. National level student symposium (PARICHAY 2017) organised by NMAM Institute of Technology, Nitte ,Udupi,Karnataka held on 18th February 2017.

21. Manisha L, Shamnamol G K. Characterization of Ash extract from Banana Empty Fruit Bunch. National seminar on (BIOMEET 2017) organized by The post graduate and Research Department of Chemistry (DST-FIST supported) held on 15th -17th February 2017.

22. Manisha L , Shamnamol G K. Utilisation of green energy from waste banana fruit bunch for the production of natural shampoo. International Conference on Advances in Biotechnology and Biotherapeutics (ICABBS-2017) organized by Sathyabhama University during 8th -10th March 2017.

23. Sharen K Jose, Lekshmi R Babu Biogenic Synthesis Of Silver Nanoparticles From Leaf Extracts Of Cassia fistula and Mangifera indica: Characterization, Antimicrobial Activity And Comparative Study/ National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

24. Sharen K Jose, Lekshmi R Babu Biosynthesis of Silver Nanoparticles from leaf extracts of Cassia fistula and Mangifera indica: Comparative study, characterization, antimicrobial activity and toxicity analysis International Conference on Advances in Biotechnology and Biotherapeutics (ICABBS-2017) organized by Sathyabhama University during 8th -10th March 2017.

25. Sharen K Jose, Lekshmi R Babu Green synthesis of Silver Nanoparticles from leaf extracts of Cassia fistula and Mangifera indica: Comparative study and antimicrobial activity, National seminar on (BIOMEET 2017) organized by The post graduate and Research Department of Chemistry (DST-FIST supported) held on 15th -17th February 2017.

26. Amritha Chandran , Anoodha S , Harikrishnan C B , Jamiema S P , Lekshmi R Babu, Study of Anti-diabetic properties of aloe vera/ NMAM Institute of Technology, Nitte ,Udupi,Karnataka held on 18th February 2017.

27. Malu Ravi, Archana Geeth, Jency John, Jyothish Viswanath and S.Lichindath. Identification and application of green corrosion inhibitor, tamarind leaf extract, on mildsteel in acidic environment. National Symposium on Trends and prospects in Bioscience and Technology towards sustainability organized by SCT, Thiruvananthapuram during 28-29, April 2017.

28. Sheigha Pappachan, Giridhar R Nair and Malu Ravi. Comparative study of antibacterial activity of egg fruit (*Pouteria campechiana*) against MRSA (Methicillin Resistant *Staphylococcus aureus*) and *E. coli.* National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering, Pattoor during 17th April 2017.

29. Thrishna K G, Giridhar R Nair and Malu Ravi. Production of oxalic acid from *Aspergillus niger* utilizing cassava rind as nutrient source. National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017

30. Sheigha Pappachan, Giridhar R Nair and Malu Ravi. Neuroprotective potential of Egg fruit (*Pouteria campechiana*) phytochemicals, *International Conference on Advances in Biotechnology and Biotherapeutics* (ICABBS-2017), Sathyabama University, Chennai, India, 8th-10th March 2017.

31. Thrishna K G, Giridhar R Nair and Malu Ravi. Production of oxalic acid from *Aspergillus niger* utilizing cassava rind as nutrient source, *International Conference on Advances in Biotechnology and Biotherapeutics* (ICABBS-2017), Sathyabama University, Chennai, India, 8th-10th March 2017.

32. Jency John, Archana Geeth, Jyothish Viswanath and Malu Ravi. Tamarind (*Tamarindus indica)* leaf extract as green corrosion inhibitor for mild steel, National Level Student Symposium "Parichay 2017" organized Department of Biotechnology Engineering., NMAMIT, Nitte on 18th of February 2017.

33. Sheigha Pappachan, Giridhar R Nair and Malu Ravi. Biochemical characterization of egg fruit (*Pouteria campechiana*) and study of its antibacterial activity against MRSA (Methicillin Resistant *Staphylococcus aureus*) and *E.coli*, *29th Kerala Science Congress* conducted by the Kerala State Council for Science, Technology & Environment (KSCSTE), 28–30 January, 2017.

34. Mathew T J, Nayana U K, Shafna S, Vani P V, Anoop Raj J R. Optimisation of biodiesel (ethanol) production from whey and characterisation of bio-edible films from the fermentation residue National Conference on Ecofriendly Technological Innovations For Sustainable

Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

35. Mathew T J, Nayana U K, Shafna S, Vani P V, Anoop Raj J R. Optimisation of biodiesel (ethanol) production from whey and characterisation of bio-edible films from the fermentation residue, BEST2017,Arunai Engineering College, Tamilnadu, India.

36. Mathew T J, Nayana U K, Shafna S, Vani P V, Anoop Raj J R. Optimisation of biodiesel (ethanol) production from whey and characterisation of bio-edible films from the fermentation residue; International Journal of Environment and Sustainable Development.

37. Gauri C Chandra, Anoop Raj J R. Biodiesel Production from Waste Ayurvedic Oil ; KETCON17;Mar Athanasius College of Engineering, Kerala.

38. Gauri C Chandra, Anoop Raj J R. Biodiesel Production from Waste Ayurvedic Oil ; National Conference on Ecofriendly Technological Innovations For Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering,Pattoor during 17th April 2017 .

39. Anitha James, Aswin T Narayanan, Divya S and Jaya Mary Jacob. Degradative Study of Domestic Solid Waste Using Effective Micro Organisms. Presentation at The National Conference on Ecofriendly Technological Innovations for Sustainable Development (NCETISD) organized by Sree Buddha College of Engineering, Pattoor during 17th April 2017.

40. Aswin Kumar, Athira R Nair, Ashitha S, Sajina Hussain Rincy Susan Raju. Characterisation of Bioactive components from petiole two varieties of Colocasia seen in Kerala, National level symposium on Trends and prospects in Bioscience and Technology Towards Sustainibility , EQUILIBRIA 2017 April 17-18 .Sree Chithra Thirunal College of Engineering,Trivandrum.

41. Betsy Ann Varghese, Narayanan Nampoothiri, Aswathy P & Reshmi Thankappan,Anju Raj, Sustainable & eco friendly multi product development from *Coccinia indica* by combined technologies, Parichay national symposium at udupi 2016 -poster presentation on 18 th Feb 2017

42. Betsy Ann Varghese, Narayanan Nampoothiri, Aswathy P & Reshmi Thankappan, Anju Raj, Sustainable & eco friendly multi product development from *Coccinia indica* by combined technologies, National tech meet on biotech and chemical engineering at Mohandas college of engineering on 7 th April 2017

43. Surumi M.S, S. Suresh Babu (2017) FPGA based Implementation of Secured Hummingbird Algorithm, IEEE International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS), Vol-IV, 978-1-5090-3293-8.

44. Surumi M.S, S. Suresh Babu (2017) FPGA Implementation of Secured Humming- bird Algorithm, National Conference on energy technologies in Kerala Technological congress (KETCON) by Kerala Technological University.

45. Surumi M.S, S. Suresh Babu (2017) Design and Implementation of FPGA Based Secured Hummingbird Algorithm, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD).

46. Nithya V.S, Arun C.S (2017) Brain controlled wearable robotic glove for cerebral palsy patients, 2017 International Conference on Circuit ,Power and Computing Technologies (ICCPCT)

47. Aida Alexander, Arun C.S(2017) Mobile ECG monitoring device using wearable non contact armband 2017 International Conference on Circuit ,Power and Computing Technologies (ICCPCT)

48. Geethu G Nath , Anu V S (2017) Embedded Sign Language Interpreter System For Deaf and Dumb People, IEEE International Conference on Innovation in Information, Embedded and Communication Systems (ICIIECS),Vol IV, 978-1-5090-3293-8.

49. Geethu G Nath , Anu V S, (2017) "Real Time Sign Language And Voice Recognition System For Deaf And Dumb People Communication", National conference on Ecofriendly technological innovations for sustainable development (NCETISD) .

50. Monisha M, Pooja S Mohan (2017) An Novel IOT Based Approach To Establish An Ultra-low Power Self Security System IEEE Conference On Innovations in Information, Embedded and Communication Systems (ICIIECS), 978-1-5090-3293-8, Volume-IV, 2017.

51. Monisha M, Pooja S Mohan (2017) A Novel Hardware Architecture to Establish a Security System for Women National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), Engineering Education for Facing the Future.

52. Monisha M, Pooja S Mohan (2017) A Real-Time Embedded System for Human Action Recognition Using Template Matching IEEE conference on Electrical, Instrumentation and Communication Engineering (ICEICE).

53. Swathy Sugathan and Jasmin Basheer (2017) An Incremental Phonetic Vocoder,   Kerala Technological Congress (KETCON-2017) by Kerala Technological University

54. Swathy Sugathan and Jasmin Basheer (2017) A Reliable Voice codec for Secure Communication, International Conference on Telecommunication, Power Analysis   and Computing Techniques (ICTPACT-2017).

55. Swathy Sugathan and Jasmin Basheer (2017) Real-Time Speech Coder for Secure Communication, National Conference on Eco friendly Technological Innovations for Sustainable Development (NCETISD-2017).

56. Aiswarya Raj, Pavitha P.P (2017) , Green IoT Enhanced PAWS For Monitoring Air Quality,IEEE International Conference on Innovations in Information, Embedded and Communication Systems(ICIIECS),Vol-V, 978-1-5090-3293-8.

57. Aiswarya Raj, Pavitha P.P (2017), Air Quality Monitoring PAWS Based On Green IoT, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD).

58. Keerthi S Thampi, Saritha N R (2017) WG Stream Ciphered Coding For CDMA Technology To Enhance Security, IEEE international conference on innovations in information, Embedded and Communication Systems(ICIIECS) Vol-IV, 978-1-5090-3293-8.

59. Keerthi S Thampi, Saritha N R (2017) FPGA Implementation Of WG Stream Ciphered Coding For CDMA Technology, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD).

60. Haritha Nair L, Ragimol (2017), AHRS Based Body Orientation Estimation of Real Time Fall Detection, IEEE International Conference on Innovations in Information, Embedded and Communication Systems(ICIIECS) Vol-V, 978-1-5090-3293-8.

61. Haritha Nair L, Ragimol (2017), An Efficient Real Time Fall Detection System for Elderly Based on AHRS, National Conference on Eco-friendly Technological Innovations for Sustainable Development(NCETISD).

62. Chandana C Nair, Athira Shaji,(2017) A high speed VLSI implementation of parallel decoder for Single And Double Adjacent Error Correction IEEE International Conference On Telecommunication, Power Analysis and Computing Techniques (ICTPACT).

63. Chandana C Nair, Athira Shaji,(2017) A high speed VLSI implementation of parallel decoder for Single And Double Adjacent Error Correction National Conference On Eco-friendly technological innovations for sustainable development(NCETISD).

64. Reeja S, Jayaraj V S, An Embedded System for Traffic Rule Violation and Vehicle Crash Analysis Using Black Box, IEEE International Conference on Innovations in information Embedded and Communication Systems (ICIIECS), March 2017

65. Reeja S, Jayaraj V S(2017), An Embedded Based Approaches For Crash Analysis Using Black Box, IEEE International conference on Electrical, Instrumentation and Communication Engineering(ICEICE)

66. Reeja S, Jayaraj V S, An Embedded Based Approaches For Accident Analysis Using Event Data Recorder, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), Engineering Education for Facing the Future, 2017

67. Vidya Chandran, Ambika Sekhar (2017) A Robust Approach to Optimize Channel Error Correction Capability of Picode, IEEE International Conference on Innovation in Information, Embedded and Communication Systems (ICIIECS),Vol IV, 978-1-50903293-8.

68. Vidya Chandran, Ambika Sekhar (2017) A Secure and Reliable Channel Error Correction Technique for Picode, National Conference on Eco-friendly Technological Innovation for Sustainable Development (NCETISD).

69. Vidya Chandran, Ambika Sekhar (2017) A Secure and Reliable Channel Error Correction Technique for Picode, IEEE International Conference on Electrical, Instrumentation and Communication Engineering (ICEICE).

70. Prameena Das ,Alex V An IoT Aware Android Controlled Architecture for Smart Healthcare Systems, 2017 IEEE International Conference on Innovation in Information Embedded and Communication Systems(ICIIECS),Vol VI ,978.-1-15090-3293-8

71. Prameena Das, Alex V, IoT Based Smart Patient Monitoring System, 2017 National Conference on Eco-friendly Technological Innovation for Sustainable Development (NCETISD)

72. Sruthy S Nair,Vishnu V S, (2017) Enhanced RISC processor Design using MIPS Instruction set and BIST, IEEE International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS) Vol-IV, 2017, 978-1-5090-32938,pg:489-493.

73. Sruthy S Nair,Vishnu V S,(2017)Efficient RISC processor Design using MIPS Instruction set and BIST, National Conference on Eco-friendly technological innovations for Sustainable development (NCETISD)

74. Prameena Das ,Alex V An IoT Aware Android Controlled Architecture for Smart Healthcare Systems, 2017 IEEE International Conference on Innovation in Information Embedded and Communication Systems(ICIIECS),Vol VI ,978.-1-15090-3293-8

75. Prameena Das, Alex V, IoT Based Smart Patient Monitoring System, 2017 National Conference on Eco-friendly Technological Innovation for Sustainable Development (NCETISD)

76. Kripa Mariam John, Sabi S (2017) ECC Processor Architectures for Low Area And High Speed Implementations, Kerala Technological Conference.

77. Kripa Mariam John, Sabi S (2017) Distinct ECC Processor Architecture For High Speed And Low Area Performances, National Conference On Eco-friendly Technological Innovation For Sustainable Development (NCETISD).

78. Kripa Mariam John, Sabi S (2017) Two Novel ECC Processor Architectures For Escalated Speed And Low Area, IEEE International Conference On Telecommunication ,Power Analysis And Computing Techniques

79. Kripa Mariam John, Sabi S (2017) A Novel High Performance ECC Processor Architecture With Two Staged Multiplier, IEEE International Conference On Electrical Instrumentation And Communication Engineering.

80. Aravind M, Dr. S Suresh Babu, "Embedded Implementation of Brain Computer Interface Concept using FPGA", *International Journal of Science and Research* Vol.5,Issue 7,July 2016.

81. Aravind M, Dr. S Suresh Babu, "Embedded Implementation of Brain Computer Interface using FPGA",*IEEE International Conference on Emerging Technological Trends(ICETT),*October 2016.

82. G Pramod Kumar, Dr. S.Suresh Babu, "Design of Multiband MIMO antenna in Compact mobile handsets and SAR distribution" *IEEE International Conference on Communication and Signal Processing*, April 2-4, 2015, India.

83. G Pramod Kumar, Dr. S.Suresh Babu, "Design Considerations to Calculate SAR in Multiband MIMO Antenna for Mobile Handsets" *IEEE WiSPNET Conference,* March 2016, India.

84. Shermi S, Arun C.S, "A novel architecture of bidirectional NoC router with flexible buffer", *IEEE International Conference on Emerging Technological Trends(ICETT),*October 2016.

85. Shermi S, Arun C.S , " A novel architecture of bidirectional NoC router using flexible buffer", *International Journal of Scientific Engineering and Technology Research*, Vol.5, Issue 15,June 2016.

86. Twinkle Koshy, Arun C.S "Diagnostic data detection if faults in RAM using different MARCH algorithms with BIST scheme", *IEEE International Conference on Emerging Technological Trends(ICETT),*October 2016.

87. Aswathy V Nair, Manjusree S "Design and analysis of advanced Booth Dadda multiplier using approximate compressors", *International journal of Science and Research,*Vol.5, Issue 7, July 2016.

88. Aswathy V Nair, Manjusree S, "Design of Approximate Compressors In Advanced Booth Dada Multiplier for High Speed Multiplication"National Conference on Emerging Technological Trends, August 19-20,2016 at CET, Trivandrum.

89. GeethuJayan, Pavitha P.P "DMC based router architecture for dynamic network on chip", *International journal of Science and research,*Vol.5, Issue 7, July 2016.

90. GeethuJayan, Pavitha P.P, "A modified router architecture for dynamic network on chip", National Conference on Emerging Technological Trends, August19-20,2016 at CET, Trivandrum.

91. GeethuJayan, Pavitha P.P "A modified router architecture for dynamic network on chip",*IEEE International Conference on Emerging Technological Trends(ICETT),*October 2016

92. Linu M Jiji, Ragimol "Embedded Implementation of Efficient Accelerator Architecture",*IEEE International Conference on Emerging Technological Trends(ICETT),*October 2016

93. Linu M Jiji, Ragimol "Architecture Implementation of Optimized DSP Accelerator with Modified Booth Recorder in FPGA",*IEEE International Conference on Inventive Computation Technologies(ICICT),*August 26-27,2016

94. Linu M Jiji, Ragimol "Design of Efficient Accelerator Architecture Exploiting Modified Booth Recording", National Conference on Emerging Technological Trends, Aug 19-20,2016 at CET, Trivandrum.

95. Linu M Jiji, Ragimol "Architectural Implementation of optimized DSP Accelerator with Modified Booth Recorder",*International Journal of Science and Research* Vol.5,Issue 7,July 2016.

96. Melvin Mathew Philips,Vishnu V.S, "Prototype Design Of DSP Processor Based On Multiplier Oriented Reconfiguration"*International Journal of Science and Research* Vol.5,Issue 7,July 2016.

97. MidhunEaso Daniel, Alex V "Manchester Encoding and QPSK modulator for SDR", *International journal of Science and research,*Vol.5, Issue 7, July 2016.

98. Pavithra R, Saritha N R, "Implementation of CORDIC based SVM for Speaker Verification System"*International Journal of Science and Research* Vol.5,Issue 7,July 2016.

99. Pavithra R, Saritha N R, "Area efficient CORDIC based SVM for speaker verification",*International Journal of Scientific Engineering and Research (IJSER)*, Vol.4, Issue 10, October 2016.

100. Prajeesh P, JasminBasheer, "Implementation of human endocrine cell structure on FPGA for self-healing advanced digital system" *IEEE International Conference on Emerging Technological Trends(ICETT),*October 2016

101. Prajeesh P, JasminBasheer "Endocrine:A new methodology for for self-healing advanced digital system, *"International Journal of advanced technology in engineering and science"*

102. Prajeesh P, JasminBasheer, "Implementation of fault tolerance system from the concept of endocrine cell", *International journal of Science and research,*Vol.5, Issue 7, July 2016.

103. Sneha Raj, AthiraShaji "Design and Implementation of Reconfigurable Digital Filter Bank for Hearing Aid" *IEEE International Conference on Emerging Technological Trends (ICETT),*October 2016.

104. Sneha Raj, AthiraShaji "Design of Reconfigurable Digital Filter Bank for Hearing Aid" *International Journal of Science and Research* Vol.5,Issue 7,July 2016.

105. Sreelekha S, Sabi S "Modified Welch's PSD based on parallel FFT", *International journal of Science and research,*Vol.5, Issue 7, July 2016.

106. Sreelekha S, Sabi S, "Modified Welch Power Spectral Density Computation With Fast Fourier Transform"*International Journal of Scientific Engineering and Research (IJSER)*, Vol.4, Issue 10, October 2016.

107. Surya Suseelan, Pooja S Mohan, "An analytical approach for estimation of single event transients", *IEEE International Conference on Emerging Technological Trends(ICETT),*October 2016.

108. Surya Suseelan, Pooja S Mohan, " Soft error rate estimation in the presence of single event transients", *International Journal of Scientific Engineering and Technology Research*, Vol.5, Issue 15,June 2016.

109. Syama K Nair, Ragimol, "Modified SIFT for Image Feature Detection",*International Journal of Science and Research* Vol.5,Issue 7,July 2016.

110. Syama K Nair, Ragimol, "An Embedded Architecture For Feature Detection Using Modified Sift Algorithm", *International Journal of Electronics And Communication Engineering And Technology(IJECET),* Vol.7,Issue 5,pp.38-46,October 2016

111. Twinkle Koshy, Manjusree S, "Fusion of March Algorithms in counter based BIST for the detection of faults in RAM", *International journal of Science and Research,*Vol.5, Issue 7, July 2016.

112. Sreejith Mohan, Influence of nano structured zro2-tio2 composite on the corrosion inhibition of AISI 304 Austenitic stainless steel, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

113. Kalesh K.K, A Study on the wear behavior of red mud reinforced Aluminium matrix composites, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

114. Kiran Sankar MS, Aluminium matrix composites for automobile connecting rod: a review on the mechanical properties with different fillers, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

115. Anish R, Experimental & Numerical Analysis of heat transfer and pressure drop on typical continuous perforated V-cut and U-cut twisted tapes in a typical Heat exchanger, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

116. Venugopal N, Performance analysis on spiral plate heat exchanger using nanofluid, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

117. Vaisakh PS, Semi-automatic jackfruit dressing machine, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

118. VidyaV, Design and analysis of a tibio-femoral knee joint with an artificial implant for total knee replacement, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

119. Predeepkumar P K, Characterization of al2o3 nanoparticle based natural cutting fluid, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

120. Kiran Sankar MS, Dynamic analysis ofconnecting rod using ansys software, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

121. Arun M, Synthesis, tensile and flexural characterisation of sisal cellulose reinforced composite, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

122. Akhil KV ,Analysis of heat exchanger performance using rotary twisted tape inserts , National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD) 6-7 April 2017, SBCE

123. Anoop J R, Reema N, Evolution of Solar Powered Water Pumping System, International journal of innovative research in science, engineering and technology, ISSN 2319_8753, Vol. 6 issue 2 Feb 2017

124. Anoop J R, Reema N, MATLAB Simulink Model of Solar Water Pumping System Using Modified TIBC, National Conference on Technology Innovation in Mechatronics, Energy Management and Intelligent Communication,42826

125. Anoop J R, Reema N, Modified Converter for Solar Water Pumping System, National Conference on Recent Trends in Engineering and Technology, April 2017

126. Anoop J R, Reema N, Analysis of Different Types of Converters for Solar Water Pumping System, IEEE International Conference on Circuit, Power and Computing Technologies, April 2017

127. Anoop J R, Reema N Comparison of Conventional and modified TIBC for Solar Powered Water Pumping System, International Conference on Power and Energy Systems,42826

128. Anoop J R, Reema N , An Efficient Converter for Boosting DC Voltage, International Conference on Engineering and Science, May 2017

129. Anoop J R, Reema N ,Comparison of DC Push Pull and Modified TIBC for Solar Water Pumping System in MATLAB Simulink, International Conference on Electrical, Electronics, Computer science, Mathematics, Physical Education and Management, Apr-17

130. Anoop J R, Reema N ,Modelling of solar panel in MATLAB for solar water pumping system, International Journal of Advanced Scientific Technologies, Engineering and Management Sciences (IJASTEMS), ISSN 2454-356X, 14/06/17

131. Anoop J R, Reema N ,Implementation of Modified Two Inductor Boost Converter, International Confrence On Innovative Development In Engineering And Applied Sciences, 42856

132. Anoop J R, Reema N ,Two Inductor Boost Converter for Solar PV Water Pumping System, National Level Vishweshwarya Collegiate Project Design Competition 2017, May 2017

133. Ashwin Raj, Sreekanth P K, Design of a Switched Reluctance Motor in Ansys Maxwell, International Journal of Innovative Research in Science, Engineering and Technology, Feb, 2017

134. Ashwin Raj, Sreekanth P K A COMPARITIVE STUDY OF 10/8 AND 10/6 SWITCHED RELUCTANCE MOTORS IN ANSYS MAXWELL, National conference on Technology innovation in Mechatronics,Energy Management and Intelligent communication(NCTIMEMIC-2017), April 6, 2017

135. Ashwin Raj, Sreekanth P K , A COMPARATIVE STUDY ON TORQUE VS SPEED CHARACTERISTICS OF SWITCHED RELUCTANCE MOTORS IN ANSYS MAXWELL, National Conference on Recent Trends in Engineering and Technology- NCRTET, April 2017

136. Ashwin Raj, Sreekanth P K , Modelling and Simulation of SRM based Automatic Transmission System for Hybrid Vehicles in Ansys Maxwell, International Conference on Circuits, Power and Computing Technologies [ICCPCT], April 2017

137. Lekshmi A, Sheleel F, THD Improvement Using Bridgeless Buck- Boost Converter Fed BLDC Motor Drive, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 2017.

138. Lekshmi A, Sheleel F, THD Reduction Technique Of BLDCM Using Bridgeless Buck Boost Converter, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), April 6, 2017

139. Lekshmi A, Sheleel F, A Method to Reduce THD Of BLDCM Using Bridgeless Buck Boost Converter, International Conference on Power and Energy Systems (ICPES '17), April 2017

140. Lekshmi M, Vishnu J, Improvement of Transient Stability in PMSG Based Wind Integrated System Using FOD Controlled FACTS Device, International Conference on Circuits, Power and Computing Technologies [ICCPCT], April 21, 2017

141. Lekshmi M, Vishnu J, Modeling of PMSG Based Wind Integrated System in MATLAB SIMULINK, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 2017

142. Lekshmi M, Vishnu J, Improvement of Stability in PMSG Based Wind Integrated System Using FOD Controlled SSSC, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), April 6 2017

143. Lekshmi M, Vishnu J, Performance of Wind Integrated System Incorporating POD and FOD Based FACTS Device, National Conference on Recent Trends in Engineering and Technology (NCRTET), April 2017

144. Lekshmi Arun, Ananthu V, An Active Torque Control Strategy for Cost Effective BLDC Motor Drive, International Conference on Circuits Power and Computing Technologies [ICCPCT], April 21, 2017

145. Lekshmi Arun, Ananthu V A Cost Effective BLDC Motor with Torque Ripple Reduction, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 2017

146. Lekshmi Arun, Ananthu V A Torque Ripple Reduction Strategy for a Cost Effective BLDC Motor Drive, National Conference on Eco-friendly Technological nnovations for Sustainable Development (NCETISD), April 6 2017

147. Lubina, Nandan G, Novel Bearing Fault Detection and Analysis of Induction Motor, International Conference on Power and Energy Systems [ICPES-2017], April 2017

148. Lubina, Nandan G, Bearing Fault Detection In Induction Motor Using Transformative Technique, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 2017

149. Lubina, Nandan G, Detection of Bearing Fault in SPWM Inverter Fed Squirrel Cage Induction Motor Drives, National Conference on Recent Trends in Engineering and Technology- NCRTET, April 2017

150. Lubina, Nandan G ,Novel Bearing Fault Detection and Analysis of Induction Motor, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), April 6 2017

151. Meera Hari, Ananthu V, Stator Current Based Fast Fault Detection Method for PWM Based VSI Driven Asynchronous Machines, International Conference on Power and Energy Systems [ICPES'17], April 2017

152. Meera Hari, Ananthu V, Open Circuit Fault Detection in PWM VSI for Asynchronous Drives, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 11, 2017

153. Meera Hari, Ananthu V, A Fault Detection Method for PWM Driven Asynchronous Motor Based on Stator Current, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), April 6 2017

154. Nandini D, Juna John Daniel, Modelling of BLDC Motor Driven Solar Water Pump with INC-MPPT in MATLAB, International Conference on Circuits, Power and Computing Technologies [ICCPCT], April 2017

155. Nandini D, Juna John Daniel, Modelling of BLDC Motor Driven Solar Water Pump Driven by Zeta Converter with INC-MPPT in MATLAB, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 11, 2017

156. Nandini D, Juna John Daniel, Modelling of BLDC Motor Driven Solar Water Pumping System with INC-MPPT in MATLAB, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), April 6 2017

157. Prasobh P, Sindhu V, SRM Driven Electrical Vehicle Simulation Using MATLAB, International Conference on Circuits, Power and Computing Technologies [ICCPCT], April 21, 2017

158. Prasobh P, Sindhu V, Performance of Electrical Braking in In-Wheel SRM, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 11, 2017

159. Prasobh P, Sindhu V, SRM Driven Electrical Vehicle Simulation Using MATLAB, National Conference on Recent Trends in Engineering and Technology- NCRTET, Arilv2017

160. Prasobh P, Sindhu V, Electrical Braking In SRM Driven Hybrid Electrical Vehicle, National conference on Technology innovation in Mechatronics,Energy Management and Intelligent communication(NCTIMEMIC-2017), April 2017

161. Thara Murali, Chama R Chandran, Four Quadrant Operation and Control of Three Phase BLDC Motor without Loss of Power, International Conference on circuits Power and Computing Technologies [ICCPCT], April 2017

162. Thara Murali, Chama R Chandran ,Control Strategy for the Four Quadrant Operation of Three Phase Brushless DC Motor, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 11, 2017

163. Thara Murali, Chama R Chandran ,Control of Three Phase BLDC Motor in Four Quadrant without Loss of Power, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), April 6 2017

164. Veena Chandran S, Abhilasha Parthan, Flux linkage based sensorless control of BLDC motor drive with If control method, International Conference on Power and Energy Systems (ICPES '17), April 2017

165. Veena Chandran S, Abhilasha Parthan ,Flux Linkage Based Sensorless control of BLDC Motor drive using If control method in drilling rig system, National Conference on Recent Trends in Engineering and Technology- NCRTET, April 2017

166. Veena Chandran S, Abhilasha Parthan ,Sensroless Control of BLDC Motor Based on Flux Linkage, International Conference on Innovative Developments in Engineering and Advanced Sciences (IDEAS-2017), May 11, 2017

167.   Veena Chandran S, Abhilasha Parthan ,Flux Linkage Speed Observer for Sensorless Control of BLDC, National Conference on Eco-friendly Technological Innovations for Sustainable Development (NCETISD), April 6 2017

168.   Anjali Krishnan N , Lekshmi vijayan , Priyanka P, Renya Reji, Minu Lalitha Madhavu

169.   "A Survey on Mobile Wireless Network", International Journal Of Engineering And Computer Science ISSN:2319-7242

170.   Libin M George, Annu Mariam Abraham, Ananthapadmanabhan J, Vineetha Anna Saji, Anil A R   "Implementation of IoT In Smart Robotics: A Survey", International Journal Of Engineering And Computer Science ISSN:2319-7242

171.   Indu R. Nair, Nadiya Ebrahimkutty, Priyanka B.R, Sreeja M, Gopu Darsan"A Survey on Driver Fatigue-Drowsiness Detection System",   International Journal Of Engineering And Computer Science ISSN: 2319-7242

172.   Ruhin Mary Saji, Drishya, Gopakumar Harish Kumar S, K N Mohammed Sayed, Lakshmi S "National Conference on Eco-friendly Technological Innovations for Sustainable Development",   National Conference on Eco-friendly Technological Innovations for Sustainable Development

173.   Indu R. Nair, Nadiya Ebrahimkutty, Priyanka B.R., Sreeja M, Gopu Darsan"Smart System for Drowsiness and Accident Detection",International Journal of Computer Science Trends and Technology (IJCST),

174.   Ruhin Mary Saji, Drishya, Gopakumar Harish Kumar S, K N Mohammed Sayed, Lakshmi S "A Survey on Smart Garbage Management in Cities using IoT", International   Journal   Of Engineering And Computer Science ISSN: 2319-7242

175.   Anjali Krishnan N , Lekshmi vijayan , Priyanka P, Renya Reji, Minu Lalitha Madhavu,"Cyber Eye: Cloud Based Reading Aid for Visually Impaired",   IJISET International Journal of Innovative Science, Engineering & Technology

176.   Monisha Mohan, Arun P S"A SURVEY ON FALL DETECTION SYSTEMS", International Journal of Scientific Engineering and Applied Science (IJSEAS)

177.   Sreejaya , Merlin K Mathew, Anu Vijayan, Athira Krishnan "VARIOUS CATARACT DETECTION METHODS-A SURVEY",   International Research Journal of Engineering and Technology (IRJET)

178.   Sreejaya , Merlin K Mathew, Anu Vijayan, Athira Krishnan,"INTELLIGENT CATARACT DETECTION SYSTEM", International Research Journal of Engineering and Technology (IRJET)

179.   Sachin S, Sahasranaman Unni, Sreenath R, Vishnu L,"Smart Helmet", International Research Journal of Engineering and Technology (IRJET)

180.   Ananthapadmanabhan J, Annu Mariam Abraham, Libin M George, Vineetha Anna Saji, Anil A R"Smart Robotic Assistant Using IoT",   International Research Journal of Engineering and Technology (IRJET)

181. Anjali Krishnan N , Lekshmi vijayan , Priyanka P, Renya Reji, Minu Lalitha Madhavu"A Survey on Cloud Based Reading Aid for Visually Impaired",International Journal of Advanced Research in Computer Science

182. Neenu Ann Shaji, Sandeep Hari, Sanoop Hari, Sumitha Soman "MULTI-FACTOR AUTHENTICATION FOR ONLINE TRANSACTIONS",Journal of Network and Information Security ISSN 2321-6859

183. ALPANA GOPI, LITTY RAJAN,DIVYA P R, SURYA RAJAN "E-RTO MANAGEMENT SYSTEM AND VEHICLE AUTHENTICATION USING RFID", International Research Journal of Engineering and Technology (IRJET)

184. Neenu Ann Shaji, Sandeep Hari, Sanoop Hari, Sumitha Soman "A Survey On Biometrics Authentication For Online Transactions",International Journal Of Engineering And Computer Science ISSN: 2319-7242

185. Jaike Mathew Thomas, Praveen Koshy, Sojan K Reji, Subash Bose K S, Arun P S "Navigation Assistance for Visually Challenged People",International Research Journal of Engineering and Technology (IRJET)

186. ALPANA GOPI, LITTY RAJAN,DIVYA P R, SURYA RAJAN "Accident Tracking and Visual Sharing Using RFID and SDN",International Journal of Computer Engineering In Research Trends

187. ALPANA GOPI, LITTY RAJAN,DIVYA P R, SURYA RAJAN "A Survey on RFID Based Vehicle Authentication Using A Smart Card",International Journal of Computer Engineering In Research Trends

188. Monisha Mohan"ACCELEROMETER–BASED HUMAN FALL DETECTION AND RESPONSE USING SMARTPHONES",International Journal of Computer Engineering In Research Trends

189. Anoop S, Arun P S"Diabetes Mellitus Risk Estimation Using Fuzzy Association Rule Mining ", Journal Of Basic And Applied Engineering Research

190. Akhila Sreenivas K, Pretty Babu"An Approach for Data Hiding Technique Based on Reversible Texture Synthesis",International Journal of Computer Sciences and Engineering (IJCSE)

191. Ameena Ahammed, Reeba R "A Novel Approach for Reversible Image Watermarking", International Research Journal of Engineering and Technology(IRJET)

192. Jeena Joshua, Gopu Darsan"Automatic detection and removal of facial wrinkles and reconstruction using inpainting",Advances in Computer Science and Information Technology

193. Krishna Priya S, Minu Lalitha Madhavu "An Efficient Data Security System by Combining Reversible and Lossless Data Hiding Schemes",International Journal of Innovative Research in Computer and Communication Engineering

194. Nisy Thankam Varghese, Pretty Babu"Computer Vision based Assistive Technology For Blind and Visually Impaired People",International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE)

195. Reshmi Krishnan, Anil.A.R"Image Matching Technique To Track Copyright And Duplication Of Images", Advances In Computer Science & Information Technology,(ACSIT)

196. Revathy S, Gopu Darsan"Tamper Detection And Image Recovery with Enhanced Security ", Advances in Computer Science and Information Technology

197. Saranya Raj S, Soumya Murali "A new method for mining opinions in Online Reviews Based On Topical Relational Estimation"Advances in Computer Science and Information Technology

198. Shankar S, Gopu Darsan"Computer Vision based Assistive Technology For Blind and Visually Impaired People" ACM. ISBN 978-1-4503-4179-0/16/07. DOI:http://dx.doi.org/10.1145/2967878.2967923

199. Sofia Sayed, Reeba R "Privacy preserved Explicit Feedback System with FPGROWTH Method",International Research Journal of Engineering and Technology

200. Sofia Sayed, Reeba R "Privacy Protection in Explicit Feedback System with CHUD Method" IEEE Xplore. ISBN: 978-1-5090-1285-5,IEEE Catalogue Number :CFP16F70-PRT

201. Reshmi Krishnan, Anil.A.R"A Survey On Multi resolution ImageFusion" International Research Journal of Engineering and Technology (IRJET)

202. Divya S Kumar, Neenu Wilson "Object Oriented Shadow Detection and Correction by Image Inpainting in Remote Sensing Images",Advances in Computer Science and Information Technology

203. Revathy M, Minu Lalitha Madhavu "Study on Relevance Feature Selection discovery", International Research Journal of Engineering and Technology

204. Betsy Baby, Soumya Murali"A survey on trust based recommendation systems", International Research Journal of Engineering and Technology

205. Anju Viswam, Gopu Darsan,"A survey on identifying identical users among multiple social media sites.", International Research Journal of Engineering and Technology

206. Bhagya Ramesh, Reeba R "A survey on personalized recommendation combining user interest & Social circle.", International Journal of Engineering Science and Computing(IJESC)

207. Merlin K Mathew, Dhanya Sreedharan "A survey on various haze removal aspects", International Research Journal of Engineering and Technology

208. Anusree Radhakrishnan, Minu Lalitha Madhavu "A survey on Efficient Broadcast protocol for Internet of Things", International Journal of Engineering and Computer Science(IJECS)

209. Anusree Radhakrishnan, Minu Lalitha Madhavu "A survey on Wrist wearable devices and Systems for Supporting elderly computer learners", International Journal of Engineering Science and Computing(IJESC)

210. Deepthi S, Anil A R"A survey on Smart parking system based on Internet of Things" International Journal of Engineering Science and Computing(IJESC)

211.   Anusree Radhakrishnan, Minu Lalitha Madhavu "A survey on Automatically Mining Facts for Queries from their Search results",International Research Journal of Engineering & Technology(IRJET)

212.   Revathy M, Minu Lalitha Madhavu"Study on Relevance Feature Selection Methods", IRJET- International Research Journal of Engineering and Technology

213.   Sruthy Sathyanandan, Dhanya Sreedharan, "An E-commerce feedback review mining for trusted sellers profile & classification of fake & authentic feedback comments", International Research Journal of Engineering and Technology

214.   Betsy Baby, Soumya Murali,"Automatic Recommendation of trust worthy users in online product rating sites",International Research Journal of Engineering and Technology

215.   Anju Viswam, Gopu Darsan,"A Study on identifying similar users across multiple social media sites",International Research Journal of Engineering and Technology