

Publications

2020

1. Nanda B S Puttaswamy P S “Physical Modeling of Graphene Nanoribbon FET-Quantum Mechanics” International Journal of Innovative Technology and Exploring Engineering ISSN 2278-3075, Volume 9 issue 3 January 2020 PP 3230-3235
2. Akshath M J, H S Sheshadri “Evaluation of Hybrid Segmentation Technique For Pre-Operative Brain MR Images” International Journal Of Scientific & Technology Research Volume 9, Issue 02, February 2020
3. M. Revanesh, V. Sridhar, John M. Acken “Secure Coronas Based Zone Clustering and Routing Model for Distributed Wireless Sensor Networks” Wireless Personal Communications Wireless Personal Communications (2020) 112:1829–1857
<https://doi.org/10.1007/s11277-020-07129-0>

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4. T. Shreekanth, M. B. Punith Kumar and Akshay Krishnan “Text-Independent Handwriting Classification Using Line and Texture-Based Features” International Journal on ISMAC in Computational Vision and Bio-Engineering 2018 (ISMAC-CVB), pp.211-220 Chapter · January 2019 DOI: 10.1007/978-3-030-00665-5_22
5. R Manjunatha , Dr. H S Sheshadri “Retinal Image Vessel Width Analysis in Retinopathy of Prematurity” Asian Journal of Computer Science & Technology ISSN 2249-0701 Vol.8 no 2, 2019 PP 59-63
6. R Manjunatha , Dr. H S Sheshadri “Boundary Extraction and Vessel Width Calculation in Retinal Fundus Images ” Asian Journal of Computer Science & Technology ISSN 2249-0701 Vol.8 no 2, 2019 PP 63-70
7. Sahana B R & B S Nanda “Advanced Healthcare Monitoring System Using Raspberry Pi3 Based on Internet of Things” International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X, Impact factor: 4.295 (Volume 5, Issue 3) 2019

8. B S Nanda & Rakshitha Gowthami A C “Design and Implementation of Five Port Router for Mesh Network” International Journal of Engineering Research and Applications May 2019
9. Thejavini M S & S Jyothi “Data Management of milk Dairy using Cloud Application’s” International Journal of Engineering Research and Applications Issn 2248- 9622 2019
10. Priyanka B C & S Jyothi “Smart Garbage Monitoring System Using Internet of Things” International Journal of Engineering Research and Applications May 2019
11. Dr Punith Kumar M B Sreekantesha H N “Design and verification of SPI Master core Using UVM” Journal of Emerging Technologies and Innovative Research Vol 6, Issue 5 May 2019
12. Dr Punith Kumar M B Sreekantesha H N “Design and Verification of Serial Peripheral Interface Master Core Using Universal Verification Methodology” International Journal of Computer Sciences and Engineering Vol.-7, Special Issue-14, May 2019 E-ISSN: 2347-2693
13. Abhilasha H, Dr. Mahesh, Jayashree M S “Smart Analog Circuit Simulator” International Journal of Engineering Research and Applications May 2019
14. Jayashree M S, Abhilasha H, Dr. Mahesh, “Smart Digital Circuit Simulator” International Journal of Engineering Research and Applications May 2019
15. M Subramanyam, Arpitha C “Design and Implementation of A Circuit for Analog Linear Regression” International Journal of Engineering Research and Applications May 2019
16. Smitha H N & Dr KA Rao “Design and Implementation of Reconfigurable Router for Network on Chip (NoC) Using System Verilog” International Journal of Engineering Research and Applications May 2019
17. Lamia Zuha A & Anand M J “Identification of Human Facial Expression using Machine Learning Algorithm” International Journal of Computer Science and Mobile Computing Vol. 8, Issue. 5, May 2019, pg.109 – 118 ISSN 2320–088X IMPACT FACTOR: 6.199
18. Mohamed Azheruddin & Anand M J “Development of Verification Environment for I2C Controller Using System Verilog and UVM” International Journal of Computer Science and Mobile Computing Vol. 8, Issue. 5, May 2019, pg.100 – 108 ISSN 2320–088X IMPACT FACTOR: 6.199

19. Lamia Zuha A & Anand M J “Facial Expression using CSMP Machine Learning Algorithm” International Journal for Research in Engineering Application & Management (in the National Conference on New Generation Emerging Trend Paradigm held on 3rd May-2019 organized by East Point College of Engineering & Technology, Bangalore.)
20. Mohamed Azheruddin & Anand M J “Verification Environment for 12C Controller Using System Verilog” International Journal for Research in Engineering Application & Management (in the National Conference on New Generation Emerging Trend Paradigm held on 3rd May-2019 organized by East Point College of Engineering & Technology, Bangalore.)
21. Manojkumar S B, Dr. H S Sheshadri “Diabetic Retinopathy Classification Using Transfer Learning and Exudates Detection Using Faster-RCNN” Journal of Emerging Technologies and Innovative Research (JETIR) 2019 JETIR May 2019, Volume 6, Issue 5 (ISSN-2349-5162) pp 29-34.
22. Manojkumar S B, Dr. H S Sheshadri “Detection of Diabetic Retinopathy by Screening of Fundus Images” International Journal for Research in Applied Science & Engineering Technology (IJRASET) May 2019, Volume 7 Issue V, May 2019- Available at www.ijraset.com, ISSN: 2321-9653; SJ Impact Factor: 7.177, PP 3667-3674
23. Mahesh Kumar A S “A Unique Technique for Solid Waste Segregation” International Journal of Trend in Scientific Research and Development Volume 3 Issue 5 August 2019 Issn 2456-6470
24. Anand M J, Dr.V.Sridhar, Dr.Ramasamy Ravi “Development Of Prototype E Nose For Detection Of Adulterants In Raw Milk” Compusoft, An International Journal Of Advanced Computer Technology, 8(7), July-2019 (Volume-8, Issue-7)
25. Ullas. P, K. S. Shivaprakasha “Smart Clustering LEACH (SC-LEACH) Protocol for Improved Network Survivability in Wireless Sensor Networks” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019
26. Nanda B S & Puttaswamy P.S “Modeling and Simulation of grapheme field effect transistor (GFET)” International Journal of Electrical and Computer Engineering Vol.9, No.6, Dec 2019 PP. 4826-4835

27. Punith Kumar M B, T Shreekanth, Anupama M1, Sarsawath S “An ANN Based Real Time System for Classification of Normal and Abnormal Cries of Pre-Term and Neonates” International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-5S3, July, 2019
28. Punith Kumar, T Shreekanth, Shashank N S, Sneha S “Simplified Research for Mathematical Expression Recognition and Its Conversion to Speech” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S8, August 2019
29. Mahesh Kumar A S, Rajesh A S, Bhanu H S “RF Wireless Controlled and Solar powered Multi-Use Agricultural autonomous vehicle” (E-ISSN 2348-1269, P- ISSN 2349-5138), Volume 6, Issue 2, IJRAR June 2019
30. Mahesh Kumar A S, Rajesh A S, Bhanu H S “Discrete Wavelet Transform Technique Based Satellite Image Resolution Enhancement” (E-ISSN 2348-1269, P- ISSN 2349-5138), Volume 6, Issue 2, IJRAR June 2019
31. M. Revanesh, V. Sridhar and John M. Acken “CB-ALCA: a cluster-based adaptive lightweight cryptographic algorithm for secure routing in wireless sensor networks” Int. J. Information and Computer Security, Vol. 11, No. 6, 2019
32. Akshath M J, H S Sheshadri “Detection and Validation of Segmentation Techniques for MR Brain Tumor of Glioma Patients” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-11, September 2019
33. Anand M J, V. Sridhar, Ramasamy Ravi “Detection of Sub-Clinical Mastitis Using Prototype Electronic -Nose” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019
34. Dr. S.S. Parthasarathy, Suresha H.S. “Diagnosis of Alzheimer Disease using Fast Independent Component Analysis and Otsu Multi-level Thresholding” International Journal of Intelligent E Volume 10, Issue 1, (January-February 2019) PP- 124-137 Engineering and Systems (IJIES) ISSN no: 0976 -6375 Scopus Indexed)
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39. Mahesh Kumar A S, Rajesh A S, Jayanna S S, Bhanu H S, Praveen M S “Implementation of Amazon Web Service based smart helmet and bike analyzer” International Journal of Research and Analytical Reviews June 2019, Volume 6, Issue 2, E-ISSN 2348-1269, P-ISSN 2349-5138
40. Mahesh Kumar A S, Rajesh A S, Nandini S P “Computing Pi and Flight Controller” International Journal of Research and Analytical Reviews June 2019, Volume 6, Issue 2, E-ISSN 2348-1269, P- ISSN 2349-5138
41. Mahesh Gowda NM “Efficiency of Buck DC-DC Switching Power Converter in CCM and SDCM of Operation” International Journal on Emerging Technologies Volume 10, Issue 4, 354-358 November 2019.
42. Mahesh Kumar A S, Rajesh A S, Bhanu H S “Implementation of Automatic Gate Control for Railroad Switch and Anti-Collision System using Arduino” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019

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46. Wa'el Ibrahim A. Almazaydeh, H. S. Sheshadri, S. K. Padma “A Novel Approach of Image Steganography for Secret Communication Using Spacing Method” International Journal of Network Security & Its Applications (IJNSA) Vol. 10, No.3, May 2018 PP 39-52
47. Divya M, Dr. K. A. Radhakrishna Rao “AHB design and verification AMBA 2.0 using System Verilog” International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018 PP 1389-1391
48. Pavithra .M, S. Jyothi “Vehicle security using Raspberry-Pi” International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018 PP 1126- 1128
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51. Spoorthy M N, Dr. K N Muralidhara “Microcontroller based seeding and plowing using sensor and Bluetooth technology” International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018 PP 923- 925
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53.Y Chaitra, Sheshadri H. S “FPGA implementation of CORDIC algorithm” International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018 PP 1179- 1181

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