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Area of Specialization: VLSI Design, Signal Processing, Image Processing

List of Publications (No.of Publications: 39)

1. S.Anbu Karuppusamy, N.Sengottiayan & D.Karthikeswaran “Video surveillance system against anti-terrorism by Using Adaptive Linear Activity Classification (ALAC) Technique” Journal of Medical Systems, ISSN 0148-5598, PP. No 1-11, Volume 43 Number 8 Aug 2019, Springer.
2. S.Anbu Karuppusamy, N.Sengottiayan & D.Karthikeswaran “Automatic Human Activity Recognition in Video Surveillance System Using Versatile Quadric Activity Portion Classification Method” Journal of Medical Imaging and Health Informatics, ISSN 2156-7018, PP. No. 1393-1400, Volume 9, Number 7, Sep 2019 , American Scientific Publishers.
3. S.Anbu Karuppusamy, N.Sengottiayan & K.Sudhakar “A hybrid swarm intelligent framework to support efficient military communication in MANET” Journal of Ambient Intelligence and Humanized Computing, EISSN 2156-7018, online Publication on April 2020 , Springer.
4. S.Anbu Karuppusamy, & V.Porkodi “Classification of Chronic Obstructive Pulmonary Disease (COPD) Using Regression with Gabor Filtration and Random Forest Classification” International Journal of Advanced Trends in Computer Science and Engineering, ISSN: 2249 – 8958, PP-2194-2198, Volume-8, Issue-5, and October 2019.
5. S.Anbu Karuppusamy & V.Porkodi “Classification of Chronic Obstructive Pulmonary Disease (COPD) using Gabor Filter with SVM Classifier” International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249–8958, PP-787-790, Volume-9 Issue-1, October 2019.
6. S.Anbu Karuppusamy & K.Batri “Explicit Congestion Control with Buffer Management for Multihop Ad-Hoc Networks “Life Science Journal, ISSN 1097-8135, Vol. 10, No. 2, PP. 1427-1431, May 2013.

7. S.Anbu Karuppusamy & K.Batri "Improving TCP Performance in Ad-Hoc Networks" European Journal of Scientific Research-ISSN 1450-216X/1450-202X, Vol. 65, No. 2,PP. 237-245, December 2011.
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10. S.Anbu Karuppusamy & K.Batri "Enhancement of TCP Performance over Ad-Hoc Networks using Transport and Security Protocol" International Journal of systems, Algorithms and Applications" ISSN Online: 2277-2677, Vol. 2, No. 4, pp. 9-12, April 2012.
11. S.Anbu Karuppusamy, etal "Optical Image Encryption and Data hiding using DRPE and AES on Chaotic Bakerede image" Unique Journal of Engineering and Advanced Sciences - ISSN 2348-375X, PP-118-124 2014
12. S.Anbu Karuppusamy, etal "Performance Investigation of TCP signal strength in Multihop Adhoc Networks" Asian Journal of Research in Social Science and Humanities- ISSN 2249-7315 pp. 1486-1494 Vol.6 Sep 2016.
13. S.Anbu Karuppusamy, etal "Performance Investigation On Adaptive Wisemac Protocol For Ad Hoc & Wireless Sensor Networks" Asian Journal of Information Technology- ISSN 1682-3915 pp. 2259-2264 Vol.9 Sep 2016
14. S.Anbu Karuppusamy, etal "An Optimization Scheme for Efficient Multicasting in Mobile Ad hoc Network" International Journal of Printing Packaging & Allied Sciences- ISSN 2320-4387 pp. 317-325 Vol.4 Issue:1 Dec 2016.
15. S.Anbu Karuppusamy, etal "Area & Power Efficient Carry Select Adder Using Brent Kung Architecture" International Journal of Advanced Research in Sciences and Engineering- ISSN 2319-8354 pp. 567-577 Vol.4 Issue:10 Oct 2017.
16. S.Anbu Karuppusamy, etal "Transform Domain Based Digital Image Watermarking For Data Hiding Progression" International Journal of Advanced Research in Technology- ISSN 2395-1052 pp. 171-174 Vol.3 Issue:10 Oct 2017.
17. S.Anbu Karuppusamy, etal "A Mogified U Shaped Patch Antenna for Wireless Communication System" International Journal of Scientific Research and Review, ISSN 2279-543X, Volume 7 Issue-6 PP-13-16 2018.

18. S.Anbu Karuppusamy, etal “Effective implementation of Smart meter Monitoring through IOT” International Journal of Current Engineering and Scientific Research (IJCESR) ISSN (Print): 2393-8374, (Online): 2394-0697, Vol-5, Issue-4, 2018.
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20. S.Anbu Karuppusamy, etal “An improved image compression using curvelet Transform in iris Images for authentication” International Journal of Scientific Research and Review, ISSN 279-543X, Volume 7 Issue-11 PP-346-357, 2018.
21. S.Anbu Karuppusamy, etal “Survey of an EYE Tracking-EYE Tracking Techniques and Applications” Suraj Punj Journal for Multidisciplinary Research, ISSN 2394-2886, Vol- 8, Issue-11 PP-119-132, 2018.
22. S.Anbu Karuppusamy, etal “Efficient Fault Tolerant Design For Multipath Routing Protocol In MANET” Rep & Opinion 2018;10 (11):1-4]. ISSN 1553-9873 (print); ISSN 2375-7205 (online)
23. S.Anbu Karuppusamy, etal “Implementation of Morphological Operator for Image Segmentation” International Journal of Management Technology and Engineering, ISSN 2249-7455, Volume 9 Issue-1 Jan 2019 PP-3552-3559
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26. S.Anbu Karuppusamy, etal “Survey on Cluster Based Energy Efficient Routing Protocol using Ant Colony Optimization in Mantes” Cikitusi Journal for Multidisciplinary Research, ISSN No: 0975-6876, Volume 6 Issue-2 Feb 2019 PP-38-43.
27. S.Anbu Karuppusamy, etal “Study on Intelligent Naive Bayesian Probabilistic Estimation Practice for Traffic Flow to Form Stable Clustering In VANET” International Journal of Information and Computing Science, ISSN No: 0975-6876 Vol.69 Issue-2 Feb 2019 PP-91-97.
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29. S.Anbu Karuppusamy, etal “Energy Efficient Protocol for WSN Using Adaptive Predictor with Kalman Filter” Pramana Research Journal, ISSN No: 2249-2976, Vol- 9 Issue-3 2019

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33. S.Anbu Karuppusamy, etal “Some Smart Network for Vehicle Speed Control System” Universal Review, ISSN: 2277-2723. Volume-8, Issue-3, Jan 2019 PP-139 -143.
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37. S.Anbu Karuppusamy, etal “Effective Implementation of QPSK Based Grover Searching Method for Enhancing Fading Channel Performance in MANETS” Universal Review, ISSN: 2277-2723. Volume 8, Issue 6- Jan 2019 PP-17-23.
38. S.Anbu Karuppusamy, etal “Certain Investigations on Hybrid N.W Gamma scheme for Improving Performance of fading channels in MANETs” International Journal of Scientific Research and Review, ISSN: 2279-543X, Volume 8 Issue-6 2019 PP-8-18
39. S.Anbu Karuppusamy, etal “Fuel Consumption and Delay Aware Traffic Scheduling in VANET Environment” online Print September 2020.