

Dr. Parasuraman Kumar,
Assistant Professor,
Centre for Information Technology and Engineering,
Manonmaniam Sundaranar University,
Abishekapatti, Tirunelveli – 627 012.

List of Publications:

1. Godlin Atlas L, Kumar Parasuraman, “Automatic Detection of Retinal Hemorrhages by Exploiting Retinal Images Processing by Using Moment Invariants-Based Features” International Journal of Scientific Research in Computer Science, Engineering and Information Technology, © 2018 IJSRCSEIT | Volume 3 | Issue 1 | ISSN : 2456-3307, pp. 1901 – 1907.
2. Godlin Atlas L, Kumar Parasuraman, “Classification and Detection of retinal hemorrhages by Using Moment Invariants and Gray-Level Based Features” International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2018 IJSRCSEIT | Volume 3 | Issue 5 | ISSN : 2456-3307, pp. 985-995.
3. Godlin Atlas L and Dr. Kumar Parasuraman “Detection of retinal hemorrhage from fundus images using ANFIS classifier and MRG segmentation” Biomedical Research (2018) Volume 29, Issue 7, Publisher : Scientific Publishers of India, pp.1489-1497, ISSN:0970- 938X (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.284.
4. Tamilarasan Santhamurthy, Dr. Kumar Parasuraman, “EPBDRA: Efficient Priority Based Dynamic Resource Allocation in Heterogeneous MIMO Cognitive Radio Networks”, International Journal of Intelligent Engineering and Systems, Publisher : Intelligent Networks and Systems Society, ISSN:2185-310XE-ISSN:2185-3118 Vol.11, No.1, 2018, pp.276-285 (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.248.
5. Dr. T. Arumuga Maria Devi, D. Muthukumar, Dr. P. Kumar “Signal Analysis of Various Filters for Voltage and Current Level Measurement in Series or Parallel RLC Resonant circuits on Hyper Spectral Data Magnification” International Journal of Advanced Scientific Technologies in Engineering and Management Sciences (IJASTEMS) -ISSN: 2454- 356X), Volume.3,Issue.12, December 2017, pp.8-13.
6. S.Tamilarasan, P.Kumar, “Dynamic Resource Allocation based on priority approach in MIMO Cognitive Radio Networks-A Literature Survey”, International Journal of Computer Sciences and Engineering (IJCSE), Volume 5, Issue 5, May-2017, E-ISSN: 2347-2693, IF: 2.162, PP: 197-202. (UGC Approved Journal), Jr.No: 63193.
7. S. Tamilarasan, Dr.P.Kumar, “A Survey on Dynamic Resource Allocation in MIMO Heterogeneous Cognitive Radio Networks based on Priority Scheduling”, International Journal of Computer Sciences and Engineering (IJCSE), Volume 5, Issue 1, January 2017, E-ISSN: 2347-2693, IF: 2.162, PP: 53-59, (UGC Approved Journal), Jr.No: 63193.
8. Tamilarasan Santhamurthy, Dr. Kumar Parasuraman, “Appropriate Channel Selection for Dynamic Resource Allocation with Priority Scheduling Approach in Multi-hop Cognitive Radio Networks”, International Journal of Intelligent Engineering and Systems, Vol.10, No.2, 2017, Publisher : Intelligent Networks and Systems Society, ISSN:2185-310XE- ISSN:2185-3118, (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.248.

9. Lawrence Livingston Godlin Atlas and Kumar Parasuraman “Effective Approach to Classify and Segment Retinal Hemorrhage Using ANFIS and Particle Swarm Optimization” Journal of Intelligent Systems, ISSN:0334-1860E-ISSN:2191-026X, pp.1-17, Publisher : Walter de Gruyter GmbH, Source Normalized Impact per Paper (SNIP) 2016: 0.206 (SCI Journal)
10. T. Siva Sakthi, Kumar Parasuraman, Arumuga Maria Devi “Implementation of Lung Cancer Nodule Feature Extraction using Threshold Technique” International Advanced Research Journal in Science, Engineering and Technology ISO 3297:2007 Certified Vol. 3, Issue 8, August 2016, ISSN (Online) 2393-8021 ISSN (Print) 2394-1588, pp.29-33.
11. S. Mohamed Vijithan, Kumar Parasuraman, T. Arumuga Maria Devi “A Novel Approach for MRI Brain Image Segmentation using Local Independent Projection Model” CiiT International Journal of Digital Image Processing, Vol 8, No 07, July 2016, ISBN: 0974- 9691/CIIT-IJ-6800/07/\$20/\$100 © 2016, pp.237-243.
12. Kayathri K, Kumar Parasuraman and Arumuga Maria Devi “Acute Mylogenous Leukemia Detection in Blood Microscopic Images” International Journal of Computer Sciences and Engineering, Vol.4 (7), PP (154-160) Jul 2016, E-ISSN: 2347-2693.
13. S.Tamilarasan, Dr.P.Kumar, G.Ezra Sastry, “Dynamic Resource Allocation with Imperfect Channel Sensing – Improving Fairness and throughput for Heterogeneous Services in Cognitive Radio Network”, International Journal of Engineering Technology Science and Research (IJETSR), Volume 3, Issue 7, July 2016, ISSN 2394 – 3386, PP: 7 – 15, IF: 2.098.(UGC Approved Journal) Jr.No: 44431.
14. S. Tamilarasan, Dr. P. Kumar, “Dynamic Resource Allocation with Imperfect Channel Sensing – Heterogeneous Services in Cognitive Radio Network”, International Journal of Engineering Technology, Management and Applied Sciences (IJETMAS), July 2016, Volume 4, Issue 7, ISSN 2349-4476, PP: 1 – 6; IF = 2.24. (UGC Approved Journal), Jr.No: 43505
15. S.Tamilarasan, P.Kumar, “A Survey on Dynamic Resource Allocation in Cognitive Radio Networks”, International Journal of Computer Sciences and Engineering (IJCSE), Vol.-4(7), PP (86-93) Jul 2016, EISSN: 2347-2693, IF: 2.162. (UGC Approved Journal), Jr.NO: 63193
16. S.Tamilarasan, Dr.P.Kumar, “Dynamic spectrum Sensing Scheduling in Cognitive Radio Network – Effective Utility”, International Journal of Computer Science Trends and Technology (IJCTST) – Volume 4 Issue 3, May - Jun 2016, ISSN: 2347-8578, PP: 99 – 102, IF=1.91
17. S.Tamilarasan, Dr.P.Kumar, G.Ezra Sastry, “Dynamic resource Allocation for Heterogeneous Services in Cognitive Radio Networks-Literature Survey”, IJCST, Volume 7, issue 2, April-June 2016, ISSN : 0976- 8491 (Online) | ISSN : 2229-4333 (Print), PP: 216-222 (GIF = 0.478)
18. Prof.G.Ezara Sastry, Prof.S.Tamilarasan, Dr.P.Kumar, “Dynamic Resource Allocation in Cognitive Radio Networks – Survey”, International Journal of Computer Science Trends and Technology (IJCTST) – Volume 4 Issue 3, May - Jun 2016, ISSN: 2347-8578, PP: 268-274, IF=1.91
19. S.Tamilarasan, Dr.P.A.Abdul Saleem, Dr.P.Kumar, “Analysis of Scheduling of Dynamic Spectrum Using Cognitive Radio in Wireless Ad-Hoc Networks”, International Journal of Scientific & Engineering Research, Volume 7, Issue 3, March-2016, ISSN 2229-5518, PP : 123-

129, IF=3.8, ICV=5.27. (UGC Approved Journal), Jr. No: 48880

20. S.Tamilarasan, P.Kumar, "Dynamic Resource Allocation in Cognitive Radio Networks – Priority Scheduling approach - Literature Survey", International Journal of Computer Sciences and Engineering (IJCSE), Vol-4(8), PP: 1-11, E-ISSN: 2347-2693, IF:2.162. (UGC Approved Journal), Jr.No: 63193.
21. Santhamurthy Tamilarasan and Kumar Parasuraman, "Dynamic Resource Allocation and Priority Based Scheduling for Heterogeneous Services in Cognitive Radio Networks", International Journal of Intelligent Engineering and Systems, Publisher : Intelligent Networks and Systems Society, ISSN:2185-310XE-ISSN:2185-3118, Vol.9, No.3, 2016, PP: 127-136, (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.248.
22. Tamilarasan.S, Dr.Kumar.P, "Appropriate Dynamic Channel Allocation based on Priority Scheduling in heterogeneous Cognitive Radio", International Journal of Computer Sciences and Engineering (IJCSE), Vol-4(12), E-ISSN: 2347-2693, 2016, DPI 16.10022.IJCSE.2016.V4I12.5155.108, PP: 46-50, IF: 2.162. (UGC Approved Journal), Jr.NO: 63193.
23. Kumar Parasuraman, G. Sam Jeba Thurai and T. Arumuga Maria Devi "Blood Vessels Segmentation By Radial Gradient Symmetry Method Via Different Threshold Values", ICTACT Journal on Image and Video Processing – An International Publication of ICT Academy of Tamil Nadu. ISSN Number (Online) 0976-9102, pp.956-965.
24. Kumar Parasuraman and B. Vijayakumar "Brain Tumour Mr Image Segmentation and Classification Using by PCA and RBF Kernel Based Support Vector Machine" Middle East Journal of Scientific Research, Publisher : International Digital Organization for Scientific Information, ISSN:1990-9233E-ISSN:1999-8147 23 (9): 2106-2116, 2015, ISSN 1990-9233, pp.2106-2116 (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.760.
25. P. Kumar and L. Godlin Atlas "An Efficient Method for Retinal Hemorrhages Detection in Fundus Images Using Anfis and Cross Section Profile Analysis" Middle East Journal of Scientific Research, Publisher : International Digital Organization for Scientific Information, ISSN:1990-9233E-ISSN:1999-8147 23 (9): 2106-2116, 2015, ISSN 1990- 9233. , pp.2484-2492 (SCOPUS) SNIP (Sorted on source Normalized Impact per Paper): 0.760.
26. G. Aruna Jeyalakshmi, Kumar Parasuraman and T. Arumuga Maria Devi "Graph Cut Based Method for Automatic Lung Segmentation for Tuberculosis by using Screening Method in Chest Radiographs" CiiT International Journal of Digital Image Processing, Vol 7, No 09, October – November 2015, pp.285-291, ISSN: 0974-9691/CIIT-IJ-A6135/07/\$20/\$100 © 2015.
27. A. Jebaselvi, Kumar Parasuraman and T. Arumuga Maria Devi "Security Based Speaker Verification for Lip-Password using Learning Multi-Boosted HMMS" CiiT International Journal of Digital Image Processing, Vol 7, No 08, August 2015, ISBN: 0974-9691/CIIT-IJ-6055/08/\$20/\$100 © 2015, pp.234-241.
28. S.Tamilarasan, Dr.P.Kumar; "A Study and Analysis of Dynamic Spectrum Networks Using Cognitive Radio in Wireless Ad-Hoc Networks" IJCST Vo l. 6, issue 2, April-June 2015, ISSN: 0976-8491 (Online) | ISSN : 2229-4333 (Print), PP : 217-221, (GIF = 0.478)

