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Present Position

Professor, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai from August-2015.

Present Additional Responsibility

- Member of Technical Committee, Department of Electronics and Communication Engineering, Anna University, Chennai from September-2020.
- Assistant Executive Engineer (Electrical), Estate Office, Anna University, Chennai from October-2012.

Previous Positions

- Associate professor, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai during August-2012 and August-2015.
- Assistant Professor, Faculty of Information and Communication Engineering, College of Engineering Guindy, Anna University, Chennai during August-2008 and August-2012.

Previous Additional Responsibility

- Member, , Anna University, Chennai during March-2020 and March-2020.
- Special Invitee Of Purchase Committee Meeting, , Anna University, Chennai during September-2016 and December-2016.
- Standing Committee Member., SC/ST Cell, Anna University, Chennai during October-2012 and October-2016.
- Nss Program Officer, National Service Scheme, Anna University, Chennai during October-2005 and October-2012.
- Resident Counselor, Boys Hostel, Anna University, Chennai during January-2001 and July-2002.
- , , Anna University, Chennai.

Other Employment

- Associate Professor, Anna University for 3 Years.
- Assistant Professor, Anna University for 5 Years.
- Lecturer, Anna University CEG Campus for 2 years.
- TRA, Anna University CEG Campus for 4 years.
- Lecturer, Arupadai veedu institute of technology for 1 years.

Degree

- ❖ M.E. in Applied Electronics, Coimbatore Institute of Technology, Bharathiar University, Coimbatore. (1998 - 2000).
- ❖ B.E. in ELECTRICAL AND ELECTRONICS ENGINEERING , Hindustan College of Engineering, , Madras University, Chennai. (1994 - 1998).

Research Degree

- ❖ Ph.D. in Networking from Faculty of Information and Communication, Department of ECE, College of Engineering,, Anna University Guindy-Chennai-25 (2000 - 2006).
Title: Coordinated Fuzzy Congestion Controller in Intermediate Nodes..

Area of Specialisation

- Computer Networking, Computer Architecture, WSN.

Membership in Professional Organization

- Life Member ISTE
- Life Member CSI

Research Guidance

Number of Ph.D Scholars Guided	: 6
Number of Ph.D Scholars Guiding	: 4
Number of M.S (By Research) Students Guided	: 1
Number of M.E./ M.Tech. Projects Guided	: 20
Number of M.E./ M.Tech. Projects Guiding	: 5
Number of Ph.D Scholars Guided as Joint-Supervisor	: 2
Number of M.S (By Research) Students Guiding as Joint-Supervisor	: 1

Papers Published in Journals

Research Papers Published in International Journals : 55
Research Papers Published in National Journals : 10

1. V. Jawahar Senthilkumar, S. Karthik, S. K. Srivatsa, " Total Solution for Secure group communication in changing topological networks", WSEAS Transactions on Communications, Vol. 2, Issue 4, pp. pp.513-518 (2003).
2. S. Karthik, V. Jawahar Senthilkumar, S. K. Srivatsa, " Performance analysis of Satellite network Protocol using Evolutionary Programming", WSEAS Transactions on Communications, Vol. 2, Issue 4, pp. pp.494-499 (2003).
3. S. Karthik, V. Jawahar Senthilkumar, B. Chidambarajan, S. K. Srivatsa, " Performance of TCP over Satellite networks under severe cross – traffic using GA", Int. Journal of Mobile Communication, published by Inderscience Publishers Print ISSN: 1470-949X Onl. Vol. 2, Issue 4, pp. pp.382-394 (2004).
4. V. Jawahar Senthilkumar, S. Karthik, S. K. Srivatsa, "Fuzzy gateway congestion control algorithm", Int. Journal of Engineering Simulation , pp. pp.17-23 (2005).
5. S. Karthik, V. Jawahar Senthilkumar, S. K. Srivatsa, " EP Traffic - Self similar", International Journal of Engineering Simulation, pp. 23-29. (2005).
6. B Chidhambararajan, Jawahar Senthilkumar, "Optical satellite communication networks- a layered approach.", WSEAS Transactions on Communications, published by WSEAS. Vol. 5, Issue 6, pp. 1228-1233 (2006).
7. R.Subhashini V. Jawahar Senthilkumar, " Improving the Web Search by Document Clustering", Advances in Computational Sciences and Technology, Vol. 2, Issue 3, pp. pp. 387-396 (2009).
8. R.Subhashini and V. Jawahar Senthilkumar, " The Anatomy of web search results clustering and search engines", Indian Journal of Computer Science and Engineering, Vol. 1, Issue 4, pp. pp.402-411 (2010).
9. P. Jeyanthi, V. Jawahar Senthilkumar, " Image Classification by K-means Clustering", Int. Journal of Computational science and Technology, Vol. 3, Issue 1, pp. pp.1-8 (2010).
10. R.Subhashini V. Jawahar Senthilkumar, "Exploiting Chunking for Effective Retrieval ", Int.Journal of Recent Trends in Engineering, (2010).
11. R.Subhashini V. Jawahar Senthilkumar, " A Novel Document Clustering for Organizing the Web Pages", International Journal on Information Sciences and Computing, published by Sathyabama Institute of Science and Technology (Deemed to be Universit. Vol. 4, Issue 2, pp. 49-54 (2010).
12. R Subhashini, V Jawahar Senthil Kumar, "Optimization of Internet Search based on Noun Phrases and Clustering Techniques", International Journal of Computer Applications, published by International Journal of Computer Applications, 24. Vol. 20, Issue 2, pp. 50-55 (2011).

13. K.Vasanth, V.Jawahar Senthil kumar, "A Decision Based Neighborhood referred unsymmetrical trimmed variants filter for the removal of salt and pepper noise in images and videos", International Journal of Signal, vision and video processing, pp. pp-31-35 (2011).
14. P.Jeyanthi, V. Jawahar Senthilkumar, "Texture based Image Clustering using Wavelets", Coimbatore Institute of Information technology Int.journal of Data Mining abd Knowledge Engineering, pp. pp-922-926 (2011).
15. R.Subhashini and V. Jawahar Senthilkumar, " Modified Suffix Tree Clustering and Its Application in News Event Detection", Journal of SCI-TECH Research, published by Kadi Sarva Vishwavidyalaya, Gandhinagar, Gujarat. Vol. 2, Issue 1, pp. 974 – 978 (2011).
16. R.Subhashini and V. Jawahar Senthilkumar, " A Roadmap to Integrate Document Clustering in Information Retrieval", Int. Journal of Information Retrieval Research, published by IGI Global. Vol. 1, Issue 1, pp. 31-44 (2011).
17. Meera.S , R.Beulah Jayakumari, V. Jawahar Senthilkumar, "Congestion Control in Wireless Sensor Networks using Prioritized Interface Queue", Journal of Computer Applications(IJCA-2012), pp. pp. 32-37 (2012).
18. P.Jeyanthi, V. Jawahar Senthilkumar, " Texture based Image Clustering using COM and Spatial information", Indian Journal of Computer Science and Engineering (IJCSE), published by Engg Journals Publications. Vol. 4, Issue 3, pp. 212-221 (2012).
19. K.Vasanth, V.Jawahar senthilkumar, " Novel Scheme for the removal of Blotches, Black band noise, Streaks and Impulse Noise in Gray scale images", Indian Journal of Computer Science Engineering, published by ISSN : 0976-5166. Vol. 3, Issue 4, pp. Pages 553-563 (2012).
20. P.Jeyanthi, V. Jawahar Senthilkumar, "Fixed 3x3 Threshold based Non Linear Filter for the Removal of Long Tailed noise and Artifacts in images", National Journal on Advances in computing and Management , pp. Pages 12-19 (2012).
21. Sheeba Joice, C., Paranjothi, S. R. and Jawahar SenthilKumar, V, "Digital Control of Four Quadrant Operation of BLDC Motor using dsPIC30F4011", European Journal of Scientific Research, pp. pp. 117-126. (2012).
22. K.Vasanth, V.Jawahar Senthil kumar, " A Novel Scheme for the removal of High density salt and pepper noise in images and video", Indian Journal of Computer Science and Engineering , published by Engg Journals Publications. Vol. 3, Issue 4, pp. 553-563 (2012).
23. C Sheeba Joice, SR Paranjothi, V Jawahar Senthil Kumar, "Digital control strategy for four quadrant operation of three phase BLDC motor with load variations", IEEE transactions on industrial informatics, published by IEEE 1551-3203 journal e-ISSN : 1941-0050. Vol. 9, Issue 2, pp. 973-982 (2012).
24. K.Vasanth, V.Jawahar Senthil kumar,, " A Decision Based Unsymmetrical Trimmed Mid Point Algorithm for the removal of high Density Salt and pepper noise", Journal of Applied Theoretical and Information Technology, published by ISSN: 1992-8645 . Vol. 42, Issue 2, pp. Pages 245-251 (2012).

25. T.S. Karthik , V. Jawahar Senthilkumar, "High performance computing on fast lock delay locked loop with low power state and simultaneoous switching noise reduction", Journal of Computer Science, published by ISSN 1549-3636 © 2012 Science Publications. Vol. 8, Issue 3, pp. 305-309 (2012).
26. R. Beulah Jayakumari, V. Jawahar Senthilkumar, "PRIORITY BASED CONGESTION DETECTION AND AVOIDANCE IN WIRELESS SENSOR NETWORKS ", Journal of Computer Science, 9 (3): 350-357, 2013 ISSN 1549-3636 , published by Science Publications . Vol. 9, Issue 3, pp. 350-357 (2013).
27. S.Igni Sabasti Prabu, Dr. V.Jawahar Senthil Kumar, "Countering the DDoS Attacks for a Secured Web Service ", Indian Journal of Computer Science and Engineering (IJCSE), published by ISSN : 0976-5166. Vol. 4, Issue 2, pp. 149-154 (2013).
28. T.S. Karthik , V. Jawahar Senthilkumar, "Design and Implementation of Fast Locking and Harmonic Free in Multiphase Digital DLL – Robust to Process Variations", International Journal on Recent and Innovation Trends in Computing and Communication , Vol. 1, Issue 8, pp. 667-673 (2013).
29. S. Igni Sabasti Prabu, V. Jawahar Senthil Kumar, "Entropy Based Approach to Prevent the DDoS Attacks for Secured Web Services", International Review on Computers and Software (IRECOS), Vol. 8, Issue 4, pp. 888-891 (2013).
30. TS KARTHIK, V JAWAHAR SENTHILKUMAR, "A FUZZY PROGRAMMING BASED TECHNIQUES FOR VARIATION AWARE MULTI-METRIC OPTIMIZATION", Journal of Theoretical & Applied Information Technology, published by JATIT & LLS.. Vol. 54, Issue 3, pp. 429-435 (2013).
31. P.Jeyanthi, V. Jawahar Senthilkumar, " Image Retrieval by Generic Algorithm using Color and Texture", European Journal of scientific and Research , Vol. 95, pp. 104-111 (2013).
32. P. Jeyanthi, V. Jawahar Senthil Kumar, " Texture based segmentation using ANN", Advances In Computing And Management, Vol. 95, Issue 1, pp. 104-111 (2013).
33. Karthik Thirumalai Sampath, Jawahar Senthil Kumar Veerabadran, "Optimization of Clock Tree Synthesis Under Stochastic Process Variation Modeling for Multi-FPGA Systems", American Journal of Applied Sciences, published by Science Publications. Vol. 10, Issue 12, pp. 1604 (2013).
34. R Harikrishnan, V Jawahar Senthil Kumar, P Sridevi Ponmalar, "Differential evolution approach for localization in wireless sensor networks", IEEE International Conference on Computational Intelligence and Computing Research, published by IEEE. pp. 1-4 (2014).
35. K.Vasanth, V.Jawahar Senthil kumar, "A Novel Method for the Removal of High Density Salt and Pepper noise in Grayscale and color images", Asian Journal of Information technology, (2014).
36. P.Jeyanthi, V. Jawahar Senthilkumar, "wavelet based content based image retrieval using color and texture feature extraction by glcm and ccm", int Journal of computer science , (2014).

37. D Rajeswari, V Jawahar Senthilkumar, "Multiprocessor Scheduling and Performance Evaluation Using Elitist Non-Dominated Sorting Genetic Algorithm for Independent Task", International Journal on Computational Science & Applications, Vol. 5, pp. 49-59 (2015).
38. R Beulah Jayakumari, V Jawahar Senthilkumar, "Priority based congestion control dynamic clustering protocol in mobile wireless sensor networks", The Scientific World Journal, published by Hindawi Publishing Corporation. pp. 1-11 (2015).
39. R Harikrishnan, V Jawahar Senthil Kumar, P Sridevi Ponmalar, "Nature inspired flower pollen algorithm for WSN localization problem", ARPN J. Eng. Appl. Sci, Vol. 10, Issue 5, pp. 2122-2125 (2015).
40. R Harikrishnan, V Jawahar Senthil Kumar, P Sridevi Ponmalar, "An Integrated Xbee Arduino and Flower Pollen Algorithm Approach for Localization in Wireless Sensor Networks", published by Springer. Vol. 1, pp. 355-361 (2015).
41. R Harikrishnan, V Jawahar Senthil Kumar, "An Integrated Xbee Arduino with Group Search Optimizer Approach for Localization in Wireless Sensor Networks", Indian Journal of Science and Technology, published by Indian Society for Education and Environment ISSN (Print) : 0974-6846 . Vol. 8, Issue 22, pp. 1-5 (2015).
42. K.Vasanth, V.Jawahar senthilkumar, "Decision-based neighborhood-referred unsymmetrical trimmed variants filter for the removal of high-density salt-and-pepper noise in images and videos", Signal, Image and Video Processing, published by Springer Londonjournal ISSN : 1863-1703 journal e-ISSN : 1863-1711. Vol. 9, Issue 8, pp. 1833-1841 (2015).
43. T Anuradha, V Senthil Kumar, Sundari Deiva, "Bisection Method Based Modified Perturb and Observe MPPT Algorithm for a PV Generation System with an Interleaved, Isolated DC-DC Converter", Australian Journal of Basic and Applied Sciences, Vol. 10, Issue 5, pp. 76-82 (2016).
44. R Harikrishnan, V Jawahar Senthil Kumar, P Sridevi Ponmalar, "A comparative analysis of intelligent algorithms for localization in wireless sensor networks", Wireless Personal Communications, published by Springer US. Vol. 87, Issue 3, pp. 1057-1069 (2016).
45. Devarajan Rajeswari, Veerabadran Jawahar Senthilkumar, "Minimizing time in scheduling of independent tasks using distance-based pareto genetic algorithm based on MapReduce model", Circuits and Systems, published by Scientific Research Publishing. Vol. 7, Issue 6, pp. 735-747 (2016).
46. P Rajasekaran, V Jawahar Senthilkumar, "An improved DTFC based five levels-NPC inverter fed induction motor for torque ripple minimization", International Journal of Power Electronics and Drive Systems, published by IAES Institute of Advanced Engineering and Science. Vol. 7, Issue 2, pp. 531 (2016).
47. T Sasikala, Marcharla Anjaneyulu Bhagyaveni, V Jawahar Senthil Kumar, "Cross layered adaptive rate optimised error control coding for WSN", Wireless networks, published by Springer US. Vol. 22, Issue 6, pp. 2071-2079 (2016).
48. P Rajasekaran, V Jawahar Senthilkumar, "Comparative Analysis of Two Level VSI and Three Level Neutral Point Clamped Inverter for Torque Ripple Reduction in Induction Drive", Indian Journal of Science and Technology, Vol. 9, Issue 7, pp. 1-7 (2016).

49. N Magadevi, V Senthil Kumar, "Efficient Distributed Localization Algorithm for Wireless Sensor Networks", Australian Journal of Basic and Applied Sciences, Vol. 10, Issue 1, pp. 730-734 (2016).
50. Thangavelu Sasikala, Veerasamy Jawahar Senthil Kumar, "Cross Layered MAC Design for RF Energy Harvesting Sensor Network", Circuits and Systems, published by Scientific Research Publishing. Vol. 7, Issue 9, pp. 2676-2688 (2016).
51. D Rajeswari, V Jawahar Senthil Kumar, "Design and Implementation of Non-Dominated Sorting Genetic Algorithm Scheduler Using Mapreduce Model", Asian Journal of Information Technology, Vol. 15, Issue 15, pp. 2584-2593 (2016).
52. T Anuradha, V Senthil Kumar, P Senthil Kumar, "A Comparison of Existing MPPT Techniques for a PV System with Interleaved Converter", Australian Journal of Basic and Applied Sciences, Vol. 10, Issue 5, pp. 69-75 (2016).
53. V Jawahar Senthilkumar, "Multicast Routing Protocol using Virtual Symmetry Structure for Mobile Ad-Hoc Networks", Asian Journal of Research in Social Sciences and Humanities, published by Asian Research Consortium. Vol. 6, Issue 8, pp. 908-923 (2016).
54. P. Rajasekaran and V. Jawahar Senthilkumar, "Control Advancement on Direct Torque Control of Induction Motor Using Adaptive Neuro-Fuzzy Inference System", International Journal of Control Theory and Applications, Vol. 10, Issue 34, pp. 15-30 (2017).
55. M. Dayanidhy and V. Jawahar Senthil Kumar, "Performance investigation of multi-relay cooperative diversity networks ", Computers & Electrical Engineering, published by Elsevier. Vol. 60, Issue 2, pp. 151-160 (2017).
56. P. Sridevi Ponmalar, V. Jawahar Senthil Kumar and R. Harikrishnan, "Hybrid firefly variants algorithm for localization optimization in WSN ", International Journal of Computational Intelligence Systems, published by Atlantis Press. Vol. 10, Issue 1, pp. 1263 - 1271 (2017).
57. R Tamilchelvan, V Jawahar Senthilkumar, "Design and optimization of wideband microwave amplifier using nonlinear technique", Wireless Personal Communications, published by Springer US. Vol. 99, Issue 4, pp. 1589-1604 (2018).
58. P Rajasekaran, V Jawahar Senthilkumar, "Comparison of Various Strategies in DTFC Based Multilevel NPC Inverter Fed Induction Drive for Torque Ripple Reduction", Transactions on Electrical and Electronic Materials, published by The Korean Institute of Electrical and Electronic Material Engineers (. Vol. 19, Issue 4, pp. 290-303 (2018).
59. N Magadevi, V Jawahar Senthil Kumar, A Suresh, "Maximizing the Network Life Time of Wireless Sensor Networks Using a Mobile Charger", Wireless Personal Communications, published by Springer US. Vol. 102, Issue 2, pp. 1029-1039 (2018).
60. N Magadevi, V Jawahar Senthil Kumar, "Energy efficient, obstacle avoidance path planning trajectory for localization in wireless sensor network", Cluster Computing, published by Springer US. pp. 1-7 (2019).

61. P Anandhi, V Jawahar Senthil Kumar, S Harikrishnan, "Preparation and enhanced capacitive behavior of Ni-ZnO nanocomposite as electrode for supercapacitor", Materials Today: Proceedings, published by Elsevier. Vol. 9, Issue 2, pp. 361-370 (2019).
62. P Anandhi, V Jawahar Senthil Kumar, S Harikrishnan, "Improved electrochemical behavior of metal oxides-based nanocomposites for supercapacitor", Functional Materials Letters, published by World Scientific Publishing Company. Vol. 12, Issue 5, pp. 1950064 (2019).
63. M. Dayanidhy , Dr. V. Jawahar Senthil Kumar, " SEP Analysis of DF Multi-Relay Cooperative Network with M-Ary QAM", Journal of Green Engineering (JGE) , published by Alpha Publishers. Vol. 9, Issue 1, pp. 76-91 (2019).
64. Palani Anandhi, Veerabadran JS Kumar, Santhanam Harikrishnan, "Preparation and Improved Capacitive Behavior of NiO/TiO₂ Nanocomposites as Electrode Material for Supercapacitor", Current Nanoscience, published by Bentham Science Publishers. Vol. 16, Issue 1, pp. 79-85 (2020).
65. M. Dayanidhy and V. Jawahar Senthil Kumar, "Investigation on Multilink Multihub Wireless Relay Network with Cooperative DF Protocol", Tierärztliche Praxis, Vol. 40, pp. 1554-1562 (2020).

Papers Presented in Programmes

Research Papers Presented in International Programmes : 27
 Research Papers Presented in National Programmes : 6

1. on A Simple Decision Based Neighborhood Filter for the Removal of Salt and pepper noise in images, Malaysia .
2. IA. Leo Sahaya Dharshini, 2K. Yasanth, 3Y. Jawahar Senthil Kumar, 4 Shirley Selvan , "Removal of high density salt and pepper noise using neighborhood based switching filter " presented in a International level conference on Removal of high density salt and pepper noise using neighborhood based switching filter, organised by International Conference on Signal Processing, Image Processing and Pattern Recognition (SIP), India .
3. R. Subhashini, V. Jawahar Senthil Kumar , on Shallow NLP Techniques for Noun Phrase Extraction, organised by IEEE.
4. "Secure Group Communication in Changing Topological networks using Key Graphs" presented in a International level conference on Secure Group Communication in Changing Topological networks using Key Graphs, Vienna, Austria .
5. "Throughput Improvement in Satellite Networks Using FGCA" presented in a International level conference on Throughput Improvement in Satellite Networks Using FGCA, Vienna, Austria .
6. "Fuzzy Congestion Control Algorithm" presented in a International level conference on Fuzzy Congestion Control Algorithm, Coimbatore, India .
7. "Total Solution for Secure group communication in changing topological networks" presented in a International level conference on Total Solution for Secure group communication in changing topological networks, Athens, Greece .

8. "TCP Performance analysis over satellite networks using EP" presented in a International level conference on TCP Performance analysis over satellite networks using EP, Coimbatore, India .
9. "Image retrieval using Multiscale color Clustering" presented in a International level conference on Image retrieval using Multiscale color Clustering, India .
10. "Semantic image mining using Clustering techniques on heterogenous Features" presented in a International level conference on Semantic image mining using Clustering techniques on heterogenous Features, USA .
11. "Evaluating the Performance of Similarity Measures Used in Document Clustering and Information Retrieval" presented in a International level conference on Evaluating the Performance of Similarity Measures Used in Document Clustering and Information Retrieval, India .
12. "A Framework for Efficient Information Retrieval using NLP Techniques " presented in a International level conference on A Framework for Efficient Information Retrieval using NLP Techniques , organised by ACEEE,Bangalore, India .
13. "Unsymmetrical Trimmed Midpoint as Detector for Salt and Pepper Noise Removal " presented in a International level conference on Unsymmetrical Trimmed Midpoint as Detector for Salt and Pepper Noise Removal , India .
14. "A comparison study on image segmentation by Clustering Techniques" presented in a International level conference on A comparison study on image segmentation by Clustering Techniques, organised by organized by MGR University, India .
15. "A Simple Decision Based Neighborhood Filter for the Removal of Salt and pepper noise in images" presented in a International level conference on A Simple Decision Based Neighborhood Filter for the Removal of Salt and pepper noise in images, Malaysia .
16. on Cascaded Decision Based Non Linear Filters for High Density Salt and Pepper noise in Images and Videos, organised by Noorul Islam University, India .
17. "Content based Image Retrieval based on color and Texture Extraction with Relavance Feedback" presented in a International level conference on Content based Image Retrieval based on color and Texture Extraction with Relavance Feedback, Thailand .
18. "Content based image Retrieval based on color and Texture Extraction in Android" presented in a International level conference on Content based image Retrieval based on color and Texture Extraction in Android.
19. "Throughput analysis of TCP/IP over Satellite Networks" presented in a National level conference on Throughput analysis of TCP/IP over Satellite Networks, organised by P.S. G. College of Technology, Coimbatore., India .
20. "Binary-Truncated CDMA- Based Modelling for Chip Network" presented in a National level conference on Binary-Truncated CDMA- Based Modelling for Chip Network.
21. "Feature Selection by Natural Language Processing" presented in a National level conference on Feature Selection by Natural Language Processing, organised by Sathyabama University, India .

22. "A Comparision of Similarity Measures for Information Retrieval" presented in a International level conference on A Comparision of Similarity Measures for Information Retrieval, organised by Vellammal Engineering College, India .
23. "Using Phrase Based Clustering on the Dynamic Collection of News Sites" presented in a National level conference on Using Phrase Based Clustering on the Dynamic Collection of News Sites, organised by Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya , India .
24. ""Integrating Natural Language Processing and Document Clustering for Effective Information Retrieval"" presented in a National level conference on "Integrating Natural Language Processing and Document Clustering for Effective Information Retrieval", organised by Aarupadai Veedu Institute of Technology, Vinayaka Missions University.
25. "FPGA Implementation of Snake like Sorting for Impulse noise Removal" presented in a National level conference on FPGA Implementation of Snake like Sorting for Impulse noise Removal, organised by Karunya University Coimbatore, India .
26. C Sheeba Joice, SR Paranjothi, Jawahar Senthil Kumar, "Practical implementation of four quadrant operation of three phase Brushless DC motor using dsPIC" presented in a International level conference on Practical implementation of four quadrant operation of three phase Brushless DC motor using dsPIC, organised by IEEE.
27. Balayan MS, RB Jayakumari, VJ Senthilkumar, "Congestion control in wireless sensor networks using prioritized interface queue" presented in a International level conference on Congestion control in wireless sensor networks using prioritized interface queue, organised by IJCA Proceedings on International Conference in Recent trends in Computational Methods, Communication and Controls (ICON3C 2012), vol. ICON3C.
28. V Jawahar Senthilkumar, S Karthik, SK Srivatsa, on Coordinated Fuzzy gateway congestion control algorithm, organised by TENCON03, Bangalore, India from 15-Oct-2003 to 17-Oct-2003.
29. B Chidhambararajan, V Jawahar Senthilkumar, S Karthik, DR Srivatsa, on Satellite laser communication networks–A layered approach, organised by WSEAS, Istanbul Turkey from 27-May-2006 to 29-May-2006.
30. R Harikrishnan, V Jawahar Senthil Kumar, P Sridevi Ponmalar, "Firefly algorithm approach for localization in wireless sensor networks" presented in a International level conference on 3rd International Conference on Advanced Computing, Networking and Informatics, India from 23-Jun-2015 to 25-Jun-2015.
31. M Dayanidhy, V Jawahar Senthil Kumar, "SEP of the min-max selection combining over Rayleigh fading channel" presented in a International level conference on 2016 International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET), organised by SSN Institutions, Chennai, India from 23-Mar-2016 to 25-Mar-2016.
32. P SrideviPonmalar, R Harikrishnan, "Bat-firefly localization algorithm for wireless sensor networks" presented in a International level conference on 2017 IEEE international conference on computational intelligence and computing research (ICCIC), organised by Tamilnadu College of Engineering, Coimbatore, India from 14-Dec-2017 to 16-Dec-2017.

33. M Dayanidhy, V Jawahar Senthil Kumar, "Performance Evaluation of Multihop Multibranch DF Relaying Cooperative Wireless Network" presented in a International level conference on Big Data Innovation for Sustainable Cognitive Computing, India from 13-Dec-2018 to 15-Dec-2018.

Books Published

1. "Advances in Intelligent Systems and Computing - Book Chapter Titled Hybrid Genetic Algorithmâ€Differential Evolution Approach for Localization in WSN" authored by P. SrideviponmalarV. Jawahar Senthil Kumar and R. Harikrishnan and published by Springer.(2018)

Programme Chaired

1. level .

Programme Organized

1. National level conference.
2. level .

Programme Attended

1. Participated in a International level conference on "Coordinated Fuzzy gateway congestion control algorithm" , Bangalore, India.
2. Participated in a National level conference on ""Integrating Natural Language Processing and Document Clustering for Effective Information Retrieval"" organized by Aarupadai Veedu Institute of Technology, Vinayaka Missions University, INDIA .
3. Participated in a International level conference on "Using Phrase Based Clustering on the Dynamic Collection of News Sites" organized by Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya , INDIA .
4. Participated in a National level conference on "A Comparision of Similarity Measures for Information Retrieval" organized by Vellammal Engineering College, INDIA .
5. Participated in a International level conference on "Feature Selection by Natural Language Processing" organized by Sathyabama University, INDIA .
6. Participated in a National level conference on "Binary-Truncated CDMA- Based Modelling for Chip Network" , India.
7. Participated in a National level conference on "Throughput analysis of TCP/IP over Satellite Networks" organized by P.S. G. College of Technology, Coimbatore., INDIA .
8. Participated in a International level conference on "Phrase based clustering of documents" , INDIA .

9. Participated in a International level conference on "Image retrieval using Multiscale color Clustering" organized by sathyabama University, INDIA .
10. Participated in a International level conference on "Semantic image mining using Clustering techniques on heterogenous Features" organized by Organized by Coimbatore Institution of Technology, USA.
11. Participated in a International level conference on "Evaluating the Performance of Similarity Measures Used in Document Clustering and Information Retrieval" organized by SJB Institute of Technology, Bangalore, India.
12. Participated in a International level conference on "A Framework for Efficient Information Retrieval using NLP Techniques " organized by ACEEE,Bangalore, INDIA .
13. Participated in a International level conference on "A comparison study on image segmentation by Clustering Techniques" organized by organized by MGR University, INDIA .
14. Participated in a International level conference on "Cascaded Decision Based Non Linear Filters for High Density Salt and Pepper noise in Images and Videos" organized by Noorul Islam University, INDIA .
15. Participated in a International level conference on "Content based Image Retrieval based on color and Texture Extraction with Relavance Feedback" , Thailand.
16. Participated in a International level conference on "Content based image Retrieval based on color and Texture Extraction in Android" .
17. Participated in a International level conference on "FPGA Implementation of Snake like Sorting for Impulse noise Removal" organized by Karunya University Coimbatore, INDIA .

Special Repräsentations

1. Member of Specification Preparation Committee in Chennai Traffic Police from 18-Jun-2020
2. Expert of the Technical Committee in TamilNadu State Disaster Management Agency (TNSDMA) from 28-Apr-2016
3. Expert Member in Tamil Nadu Housing Board from 26-Sep-2018
4. Member in Board of Studies, Madras University from 01-Oct-2018 to30-Sep-2021.
5. Member in DCEG, TNSDA from 01-Sep-2020
6. Member of Tender Scrutiny and Evaluation Committee in Chennai Traffic Police from 01-Sep-2020
7. Member in Board of Studies, Karpagam College of Engineering from 01-Jun-2017 to01-Jun-2020.
8. Expert Member of Technical Committee in TamilNadu State Disaster Management Agency (TNSDMA) from 28-Apr-2016 to28-Apr-2017.

Honours

1. "Inter-zonal Kho-Kho player" from INDIA .
2. "Secured valid GATE score.".
3. "Best NSS programme officer 2008".
4. "Best NSS programme officer 2012" from INDIA .

Invited Lectures

1. Delivered a Lecture on "Adhoc Networks" in FDTP Program on Adhoc & Sensors Networks organized by Department of ECE, Loyola Institute of Technology, Chennai (15-Nov-2018).