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LIST OF JOURNALS

[1]. **Kadhiravan D**, Divya S, Archana M, “*Effective Pixel Interpolation for Image Super Resolution*”, IOSR-JECE, Volume 6, Issue 2 (May. - Jun. 2013), pp 15-20.

[2]. Sandanalakshmi R, **Kadhiravan D**, “*Modified EESM Link Adaptation Method with Multiple Constellation for Future Wireless Networks*”, International Journal of Research in Computer and Communication Technology, Volume 2, Issue 7, July-2013



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[3]. **Kadhiravan D**, Gunavathy, Bharathi and Sumitha, “*Optimizing Channel Allocation in Wireless Communication using Ant Colony Optimization Algorithm*”, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 9, Number 23 (2014) pp. 13889-13897, 2014 (Anna University Annexure 2 Indexed Journal)

[4]. **Kadhiravan D**, Venkatalakshmi K, Stella Praisie R, “*Comparison of K-Means, Variant of K-Means, Genetic Algorithm, Particle Swarm Optimization, Weighted Particle Swarm Optimization and Firefly Algorithms for Image Classification*” International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 3 (2015) pp. 8803-8813 (Anna University Annexure 2 Indexed Journal)

[5]. **Mr. Kadhiravan. D**, Dr. K. Venkatalakshmi. K, Mr. Venkataraman. R, et. al., “*Spectrum Sensing and Fuzzy Based Spectrum Handoff in Cognitive Radio Network*”, International Journal of Applied Engineering Research, ISSN 0973-4562 Special Issue, Volume 10, Number 72 (2015) pp.344-348 (Anna University Annexure 2 Indexed Journal)

[6]. **Mr. D. Kadhiravan**, Mr. R. Venkataram I. Dr. R. Shyamala, Padmalatha, K, et. al., “*Extrapolation of Channel in OFDM Scheme by Neural Networks*”, International Journal of Applied Engineering Research, ISSN 0973-4562 Special Issue, Volume 10, Number 72 (2015) pp.349-355 (Anna University Annexure 2 Indexed Journal)

[7]. **Mr. D. Kadhiravan**, Dr. K. Venkatalakshmi, Mr. R. Venkataraman, P. Thilagavathi, Ms. N. Umamageswari, “*Efficient Cluster Head Assortment by means of Synthesis Fuzzy Logic for Wireless Sensor Networks*”, International Journal of Applied Engineering Research, ISSN 0973-4562 Special Issue, Volume 10, Number 72 (2015) pp.356-364 (Anna University Annexure 2 Indexed Journal)

[8]. Dharanyadevi. P, Venkatalakshmi. K, **Kadhiravan. D**, Stella Praisie. R “*Liability resilient Clustering for Vehicular Ad-hoc Networks using Fusion -Fuzzy logic*” International Journal of Applied Engineering Research, ISSN 0973-4562 Special Issue, Volume 10, Number 72 (2015) pp.365-371 (Anna University Annexure 2 Indexed Journal)



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[9].**Mr. Kadiravan. D**, Dr. Darly. S. S, Ms. Stella Praisie. R, “Energy Efficient Fault Tolerant Distributed Clustering using Fuzzy Logic for WSN” International Journal of Applied Engineering Research, ISSN 0973-4562 Special Issue, Volume 10, Number 72 (2015) pp.372-378 (Anna University Annexure 2 Indexed Journal)

[10].Dr. K. Venkatalakshmi, S.Iyappan **Mr. D. Kadiravan**, Mrs.R.Krithika “Video Segmentation: Combined Shot based Segmentation and Object based Segmentation using PSO and its Variants” International Journal of Applied Engineering Research, ISSN 0973-4562 Special Issue, Volume 10, Number 72 (2015) pp.414-424 (Anna University Annexure 2 Indexed Journal)

[11]. Thulasirajan. K and **Kadiravan. D** “[Correlation of California Bearing Ratio with other properties of subgrade soil using soft computing systems](#)” International Journal of Applied Engineering Research, ISSN 0973-4562 Special Issue, Volume 10, Number 72 (2015) pp.393-399 (Anna University Annexure 2 Indexed Journal)

### List of Publications:

#### International Conference

[1].Venkatalakshmi K, Kadiravan D, “An Experimental Investigation of Optimization Algorithms for Video Segmentation”, In the proceedings of International Conference on Mathematics and its applications (ICMAA-2014), pp. 1841- 1851, December 2014.

#### National Conference

[1]. **Kadiravan D**, Stella Praise R, “Energy efficient and fault tolerant clustering using fuzzy logic for mobile wireless sensor networks”, in the proceedings of TEQIP II sponsored National Conference on Computational Intelligence and Fuzzy Systems NCCIFS’15, pp 14 January 23, 2015

[2].Venkatalakshmi K, **Kadiravan D**, Iyappan S, “Key frame extraction and object based video segmentation using PSO and its variants”, in the proceedings of TEQIP II sponsored National Conference on Computational Intelligence and Fuzzy Systems NCCIFS’15, pp 14 January 23, 2015





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- [5].**Mr. D. Kadhiravan**, Dr. K. Venkatalakshmi, Mr. R. Venkataraman, P. Thilagavathi, Ms. N. Umamageswari, Efficient Cluster Head Assortment by means of Synthesis Fuzzy Logic for Wireless Sensor Networks”, *Proceedings of the Interdisciplinary National Conference on Soft Computing and its Applications*, Volume 1, 29th & 30th April-2015, pp 487-496.
- [6].Dharanyadevi. P, Venkatalakshmi. K, **Kadhiravan. D**, Stella Praisie. R “Liability resilient Clustering for Vehicular Ad-hoc Networks using Fusion -Fuzzy logic” *Proceedings of the Interdisciplinary National Conference on Soft Computing and its Applications*, Volume 1, 29th & 30th April-2015, pp 497-507.
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- [8].Dr. K. Venkatalakshmi, S.Iyappan Mr. **D. Kadhiravan**, Mrs.R.Krithika “Video Segmentation: Combined Shot based Segmentation and Object based Segmentation using PSO and its Variants” *Proceedings of the Interdisciplinary National Conference on Soft Computing and its Applications*, Volume 1, 29th & 30th April-2015, pp 614-624.