



Dr. S. SanthoshKumar
Assistant Professor

Contact

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Academic Qualifications: M.Sc., M.Phil., M.Tech., Ph.D.

Teaching Experience: 14 Years

Research Experience: 13 Years

Additional Responsibilities

1. Department Coordinator, NET/ SET Training classes, Alagappa University
2. Department Co-ordinator, Mentor Mentee program, Alagappa University
3. Department Co-ordinator Students Blog & Forum, Alagappa University
4. Department Coordinator ,Go Green Committee, Alagappa University
5. Event Co-coordinator, ALUTES Event, Alagappa University

Areas of Research

Data Mining, Machine Intelligence, Computational Biology, Ontology

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research Project			1
	M.Phil.	30	7
	PG	12	7
	UG / Others	25	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters
11	2	1	5	1

H-index : 03

Total Citations : 12

Distinctive Achievements / Awards

1. Best Paper Award for paper publication by International Journal (TIJCSA)

Seminars/Conferences/Workshops

1. Organized in leading role : 05
2. Resource persons in various capacities : 06
3. Participated : 25

Membership in

Professional

- Professional Member, WASET
- Life Member of International Association of Engineers (IAENG)

Academic

- Doctoral Committee member , Alagappa University, Karaikudi
- Board of Studies Member in Computer Science, Affiliated Colleges for Diploma and PG Diploma in Computer Science, Alagappa University, Karaikudi from 2017.
- Examination Board member, Distance education courses of Alagappa University, Karaikudi, from 2016.

Others

- Doctoral Committee member for other Universities
- Advisory committee member for various Colleges and Universities.
- Review Committee Member for various Journals

Research Publications

1. **Dr.S.Santhosh Kumar** and A.Sumathi “Comparative Study of Upper Level Ontologies in Interoperability view”, International Conference of Advanced Research Trends in Engineering and Technology (IJARTET), ISSN 2394-3785. Vol.(3), Special Issue 20, April 2016, Page No: 707-709.
2. **Dr.S.Santhosh Kumar** “Measure Of Inequality And Improved Classification Accuracy Using PMTCT HIV Data, International Journal of Pharma and Bio Sciences, ISSN-0975-6299.January 2016- 7(1): (B) 1 – 8.**(Scopus Indexed)**.
3. **Dr.S.Santhosh Kumar** “Potential Risk and Health Safety Analysis of Mobile Phones with Different Radiation Levels Using SAR and Connect Value Measures in India”, Research Journal of Pharmaceutical, Biological and Chemical Sciences, Volume 6(4) – July – August ISSN: 0975-8585: 1395-1401,Page No. 576 – 583.**(Scopus Indexed)**
4. **Dr.S.Santhosh Kumar**, “Big Data: A dimensionality Reduction and Attribute Selection using PCA for Diabetic Data bases”, Research Journal of Pharmaceutical, Biological and Chemical Sciences, Page No:1395, March-April 2015,ISSN: 0975-8585 **(Scopus Indexed)**
5. **S. Santhosh kumar** and Dr. E. Ramaraj, “A Hybrid Approach Using I2 and MC4.5 Algorithms for Mining Multidimensional Data Sets (HIIMC4.5)” - The International Journal of Computer Science & Applications (TIJCSA), Volume 2, No. 08, October 2013 ISSN – 2278-1080. **(Best Paper Award)**

6. **S. Santhosh kumar** and Dr. E. Ramaraj, "A Hybrid Model For Mining Multi Dimensional Data Sets" , International Journal of Computer Applications Technology and Research Volume 2- Issue 3, 214 - 217, 2013 - ISSN: 2319-8656
7. **S. Santhosh kumar** and Dr. E. Ramaraj, "Modified C4.5 Algorithm with Improved Information Entropy and Gain Ratio" - International Journal of Engineering Research & Technology (IJERT), Vol. 2 Issue 9, September - 2013 - ISSN: 2278-0181
8. **S. Santhosh kumar** and M.Govindaraj, "A Detailed Study about Foraging Behavior of Artificial Bee Colony (ABC) and its Extensions" - International Journal of Engineering and Technology (IJET) Vol 5 No 2 Apr-May 2013 - ISSN : 0975-4024
(Scopus Indexed)
9. **S.Santhosh kumar** and Dr. E. Ramaraj, "Analysis of Sequence Based Classifier Prediction for HIV Subtypes - International Journal of Engineering and Technology Volume 2 No. 10, October, 2012 - ISSN: 2049-3444
10. **S. Santhosh kumar**, Dr. E. Ramaraj and A.Sumathi, "Development of an Efficient Clustering Technique for Colon Dataset" - International Journal of Engineering and Innovative Technology (IJEIT) Volume 1, Issue 5, May 2012- ISSN: 2277-3754
11. A. Sumathi, **S. Santhoshkumar** and Dr. N. K. Sakthivel "Development of an Efficient Data Mining Classifier with Microarray Data Set for Gene Selection and classification" - Journal of Theoretical and Applied Information Technology 31st January 2012. Vol. 35 No.2- ISSN: 1992-8645.**(Scopus Indexed)**