Dr. Rajeswari Sridhar

Associate Professor

Department of Computer Science and Engineering

National Institute of Technology,

Trichy - 620015

Mail id: srajeswari@nitt.edu

International Journals

- 1. Kirthica, S., Saravanan, I., & Rajeswari Sridhar, "Enhancing the Cloud Inter-Operation Toolkit (CIT) to Support Multiple Cloud Service Models", Journal of Grid Computing, pp. 1-21, 2020, https://doi.org/10.1007/s10723-020-09516-0
- 2. Kirthica S, Sabireen H and Rajeswari Sridhar, "Unified Framework for Data Management in Multi-Cloud Environment", International Journal of Big Data Intelligence, Vol. 6, No. 2, pp. 129 139, 2019
- 3. Smithamol M.B. and Rajeswari Sridhar, "TMM: Trust Management Middleware for Cloud Service Selection by Prioritization", Journal of Networks and Systems Management, Vol. 27, No. 1, pp. 66 92 https://doi.org/10.1007/s10922-018-9457-0, 2019
- 4. Sridhar, R., Kumar, A., Roshini, S. B., Sundaresan, R. K., & Chinnasamy, S. "Feature Based Community Detection By Extracting Facebook Profile Details", ICTACT Journal on Soft Computing, Vol. 8, No. 4, pp. 1706 1713, 2018.
- 5. Kirthica, S., & Sridhar, R., "A residue-based approach for resource provisioning by horizontal scaling across heterogeneous clouds", International Journal of Approximate Reasoning, Vol. 101, pp. 88 106, 2018.
- 6. Smithamol M.B. and Rajeswari Sridhar, "<u>PECS: Privacy enhanced conjunctive search over encrypted data in the cloud supporting parallel search</u>", Computer Communications, Vol. 126, pp. 50 63, August 2018
- 7. S. Kirthica and Rajeswari Sridhar, "Securely communicating with an optimal cloud for intelligently enhancing a cloud's elasticity," International Journal of Intelligent Information Technologies (IJIIT), Vol. 14, No. 2, pp. 43 58, 2018
- 8. S. Kirthica and Rajeswari Sridhar, "Horizontal scaling and aggregation across heterogeneous clouds for resource provisioning", Computers and Electrical Engineering, Vol. No. pp., 2018
- 9. Smithamol, M. B., & Rajeswari, Sridhar, "Hybrid solution for privacy-preserving access control for healthcare data", Advances in Electrical and Computer Engineering, Vol. 17, No. 2, pp. 31-39, 2017
- 10. S. Kirthica and Rajeswari Sridhar, "CIT: A Cloud Inter-operation Toolkit to enhance elasticity and tolerate shut down of external clouds," Journal of Network and Computer Applications, Vol. 85C, pp. 32 46, 2017.

- 11. Rajeswari Sridhar, Janani, V., Gowrisankar, R., & Monica, G, "Language Relationship Model for Automatic Generation of Tamil Stories from Hints", International Journal of Intelligent Information Technologies (IJIIT), Vol. 13, No. 2, pp. 21-40, 2017.
- 12. V M Raghavan, P Mohana Kumar, R Sundara Raman, Rajeswari Sridhar, "Emotion And Sarcasm Identification Of Posts From Facebook Data Using A Hybrid Approach", ICTACT Journal on Soft Computing, Vol. 7, No. 2, pp. 1427 1435, 2017.
- 13. Vijay, Jobi, and Rajeswari Sridhar. "A Machine Learning Approach to Named Entity Recognition for the Travel and Tourism Domain" Asian Journal of Information Technology, Vol. 15, no. 21, pp. 4309-4317, 2016.
- 14. Rajeswari Sridhar, Hamsini Krishna Kumar, Harini Selvaraj, and Abinaya Parthasarathy. "Use of Tonic and Raga as Indices for a Query by Example based Music Information Retrieval System." Indian Journal of Science and Technology, Vol. 9, no. 40, doi:10.17485/ijst/2016/v9i40/72123, 2016.
- 15. U Aadithya, S Anushya, N Bala Lakshmi, Rajeswari Sridhar, "Fuzzy Logic Based Hybrid Recommender Of Maximum Yield Crop Using Soil, Weather And Cost", ICTACT Journal on Soft Computing, Vol. 6, No. 4, pp. 1261 1269, 2016
- 16. Rajeswari Sridhar, Pavithra Sethuraman, and Kashyap Krishnakumar. "English to Tamil machine translation system using universal networking language." Sādhanā 41, no. 6, pp. 607-620, 2016
- 17. Jobi Vijay and Rajeswari Sridhar, "A Survey on Big Data Hybrid Processing Models and Tools", International Journal of Applied Engineering Research, 10(75): pp. 86 91, 2015
- 18. C Suganthini and Rajeswari Sridhar, "A Survey on Community Detection in Social network analysis", International Journal of Applied Engineering Research, 10(75): pp. 1-6, 2015
- 19. S. Kirthica, Rajeswari Sridhar, "Provisioning Rapid Elasticity by Light-Weight Live Resource Migration", International Journal of Modern Trends in Engineering and Research, 2(7): pp. 99-106, 2015.
- 20. R.Anupriya, S.Kirthica, Rajeswari Sridhar, "CCPLSA: A Hybrid Approach for Similarity Computation to Rank Cloud services", International Journal of Modern Trends in Engineering and Research, 2(7): pp. 93-98, 2015
- 21. Kirthica, S., and Rajeswari Sridhar, "Solution for Traversal Vulnerability and an Encryption-Based Security Solution for an Inter-cloud Environment." Computational Intelligence in Data Mining-Volume 2, Smart Innovation Systems and Technologies, Vol. 32, 283-291, 2015
- 22. R Rajkiran, S Prashanth, K Amarnath Keshav, Rajeswari Sridhar, "Comparison of Statistical Approaches for Tamil to English Translation" Computational Intelligence in Data Mining-Volume 2. Smart Innovation Systems and Technologies, Vol. 32, 321-331, 2015.

- 23. Janani Varadharajan, Guruprasad Sridharan, Vignesh Natarajan, Rajeswari Sridhar, "Automatic Synthesis of Notes Based on Carnatic Music Raga Characteristics", Smart Innovation, Systems and Technologies, 27(1): pp. 145 152, 2014.
- 24. K Dakshina, Rajeswari Sridhar, "LDA Based Emotion Recognition from Lyrics", Smart Innovation, Systems and Technologies, 27(1): pp. 187 194, 2014

International Conferences

- 1. Nandy H., Rajeswari Sridhar, "Filtering-Based Text Sentiment Analysis for Twitter Dataset" In: Chiplunkar N., Fukao T. (eds) Advances in Artificial Intelligence and Data Engineering. Advances in Intelligent Systems and Computing, vol 1133. Springer, Singapore. https://doi.org/10.1007/978-981-15-3514-7, 77, 2021
- 2. P Kumaran and Rajeswari Sridhar, "Social Internet of Things (SIoT): Techniques, Applications and Challenges", Proceedings of the IEEE International Conference on Trends in Electronics and Informatics, pp. 445 450, 2020
- 3. A. K. Srinivasan, S. Sridharan and Rajeswari Sridhar, "Object Localization and Navigation Assistant for the Visually challenged," 2020 Fourth International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2020, pp. 324-328, doi: 10.1109/ICCMC48092.2020.ICCMC-00061
- 4. Kumar N., Harikrishnan A., Rajeswari Sridhar, "Hash Vectorizer Based Movie Genre Identification", Proceeding of ICETIT 2019, Lecture Notes in Electrical Engineering, Vol. 605, Springer, 2020
- 5. Saravanan I and Rajeswari Sridhar, "Software as a Service by Interoperating in a Multi-Cloud Environment," 2018 International Conference on Advances in Computing, Communications and Informatics (ICACCI), Bangalore, India, pp. 300-306 2018.
- 6. Rajeswari Sridhar, S. Venkatsubhramaniyen and S. S. Rashmi, "Automatic Singable Tamil Lyric Generation for a Situation and Tune Based on Causal Effect," 2018 International Conference on Advances in Computing, Communications and Informatics (ICACCI), Bangalore, India, pp. 1152-1159, 2018
- 7. Smithamol M B and Rajeswari Sridhar, "Root Table: Dynamic Indexing Scheme for Access Protection in e-Healthcare Cloud", Proceedings of the International Conference on Next Generation Computing Technologies, pp.211 227, 2017.
- 8. H. Sabireen, S. Kirthica, and Rajeswari Sridhar, "Secure data archiving using enhanced data retention policies," in International Conference on Data Science Analytics and Applications (DaSAA). Communications in Computer and Information Science, Springer, pp. 139 152, 2017.
- 9. S. S. Deepika, T. V. Geetha, and Rajeswari Sridhar, "Multi-perspective and Domain Specific Tagging of Chemical Documents", International Conference on Data Science

- Analytics and Applications (DaSAA). Communications in Computer and Information Science, Springer, pp. 72 85, 2017.
- 10. Neeharika Immaneni, Isha Padmanaban, Bagavathy Ramasubramanian and Rajeswari Sridhar, "A Meta-Level Hybridization Approach to Personalized Movie Recommendation", Proceedings of the International Conference on Advances in Computing, Communications and Informatics (ICACCI), pp. 2193 2200, 2017
- 11. Aishwarya Sankar and Rajeswari Sridhar, "Gene Interactions and Influences Identification for Diabetes from Bio-Medical Literature", Proceedings of the 6th IEEE International Conference on Communication and Signal Processing, pp. 576 582, 2017.
- 12. Ajantha D, Jobi Vijay and Rajeswari Sridhar, "A user-location vector based approach for personalized tourism and travel recommendation", Proceedings of the IEEE International Conference on Big Data Analytics and Computational Intelligence, pp. 440 446, 2017.
- 13. Nitesh kumar singh, Om Kumar C.U., Rajeswari Sridhar, "Flash Crowd Prediction in Twitter", Proceedings of the IEEE International Conference on Advanced Computing and Communication Systems-(ICACCS), pp.1490-1495, 2016.
- 14. Allen Joseph and Rajeswari Sridhar, "Performance Evaluation of Various Classifiers in Emotion Recognition Using Discrete Wavelet Transform, Linear Predictor Coefficients and Formant Features", In Advances in Computational Intelligence: Proceedings of International Conference on Computational Intelligence, 2015, pp. 373-382, 2017
- 15. Rajeswari Sridhar, S. R. Surya Dev, V. Sankar, K. Sivakumar, "Automatic Tamil Lyric Generation based on neuro-linguistics", Proceedings of the International Conference on Informatics and analytics, http://dx.doi.org/10.1145/2980258.2982128, 2016.
- 16. Kavitha S, Jobi Vijay and Rajeswari Sridhar, 'Tourism Recommendation Using Social Media', Advance in Intelligent Systems and Computing, Proceeding of ICAIECES 2016 Artificial Intelligence and Evolutionary Computations in Engineering Systems, Volume. 517, pp. 243 253, 2017
- 17. Rajeswari Sridhar, V. Janani, Rasiga Gowrishankar and G. Monica, "Language Relationship Model for Automatic Generation of Tamil Stories from Hints", International Conference on Computational Methods and Software Engineering, pp. 155 168, 2015
- S. Kirthica, R. Anupriya and Rajeswari Sridhar, "eGaas: A Framework to Predict QoS", International Conference on Computational Methods and Software Engineering, pp. 113 – 122, 2015
- 19. U. Aadithya, S. Anushya, N. Balalakshmi and Rajeswari Sridhar, "Post Processing of OCR using language models", International Conference on Computational Methods and Software Engineering, pp. 291 300, 2015
- 20. Rajeswari Sridhar, Nivaedha Dharmaraj, Janani Damodaran, Srividhya Sampath, "Automatic Tamil lyric generation based on image sequence and derived tune", IEEE International Advanced Computing Conference, pp. 861-866, 2015
- 21. Rajeswari Sridhar, Aravind S, Hamid Muneerulhudhakalvathi and Sibi Senthur, "A Hybrid approach for discourse segment detection in the automatic subtitle generation OF

- COMPUTER SCIENCE LECTURE VIDEOS", International Conference on Advances in Computing, Communications and Informatics (ICACCI), pp. 284 287, 2014
- 22. Rajeswari Sridhar and Jayavasanth R, "Tamil Wordnet based on hybrid Approach", 13th International Tamil Internet Conference, pp. 120 124, 2014.
- 23. Rajeswari Sridhar, Sugadev C, Mani Murugesan P, Vignesh N T, "A hybrid approach to Tamil Morphological Generation", 13th International Tamil Internet Conference, pp. 101 105, 2014.