

Dr. Subalalitha C.N

Associate Professor,
Department of Computer Science and Engineering
SRM Institute of Science and Technology,
Kattankulathur, Kancheepuram,
Chennai -603203

Mobile: 9003264357

Email: subalaln@srmist.edu.in

Area of specialization: Natural Language Processing, Machine Learning

List of Publications (Past 5 years):

1. Vinothini and Subalalitha C.N (2020), 'Offline Handwritten Character Recognition System for Tamil Language', International Journal of Advance Science and Technology, Vol 29(5).
2. Gautham Venkataraman, Siddharth Balaji Mahalingam and Subalalitha C.N. (2020), 'Voice-Based Control with Siamese Networks', International Journal of Advanced Science and Technology, Vol 29(9s), pp: 6527 - 6533
3. Anita R., Subalalitha C. N(2019), 'Building Discourse Parser for Thirukkural', International Conference on Natural Language Processing (ICON) (paper accepted)
4. Subalalitha, C. N. (2019), 'Information extraction framework for Kurunthogai ', Sādhana', vol 44(7), pp: 156.
5. Srinivasan, R., & Subalalitha, C.N. (2019), 'Automated Named Entity Recognition from Tamil Documents', 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP), pp:1-5.
6. Anita, R., & Subalalitha, C.N. (2019), 'An Approach to Cluster Tamil Literatures Using Discourse Connectives', 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP), pp: 1-4.
7. Anita, R., & Subalalitha, C. N (2019), 'Automatic Generation of Description for Tamil Proverbs', Tamil Internet Conference, pp: 11- 17
8. Subalalitha C.N and Balaji J (2019), 'Why People Prefer English words over its Tamil Equivalent for a Closed Set of Words? - A Deeper Analysis', Tamil Internet Conference, pp: 35-37.
9. Subalalitha, C. N., & Poovammal, E. (2018), 'Automatic bilingual dictionary construction for Tirukural. Applied Artificial Intelligence', Vol 32(6), pp: 558- 567
10. Subalalitha C.N, Aarthi Venkataraman, BasimShahidBaqui (2018), 'Statistical Machine Translation From English To Hindi', International Journal of Pure and Applied Mathematics, Vol 118(20), pp: 1649-1655.

11. Anitha Narasimhan, Aarthiy Anandan, Madhan Karky & Subalalitha CN (2018), ' Porul: Option Generation and Selection and Scoring Algorithms for a Tamil Flash Card Game', International Journal of Cognitive and Language Sciences, Vol 12(2).
12. Subalalitha, C. N., & Parthasarathi, R. (2017), 'Query Focused Summary Generation System using Unique Discourse Structure', International Journal of Information Retrieval Research (IJIRR), Vol 7(1), pp: 49-69.
13. Anita, R., Subalalitha, C. N., Dorle, A., & Venkatesh, K. (2017), 'Semantic Search Using Latent Semantic Indexing And Wordnet. Arpn', Journal of Engineering and Applied Sciences, Vol 12(2), pp: 551-555.
14. Navaneethakrishnan, Subalalitha C N & Ramalingam, A. (2016), 'An Approach to Page Ranking Based on Discourse Structures', Journal of Communications, Software and Systems Vol 12(4), pp 195-199
15. Navaneethakrishnan, Subalalitha C N & Parthasarathi, R. (2015), 'Building a Language Independent Discourse Parser using Universal Networking Language', Computational Intelligence, Vol 31(4), pp: 593-618.