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Areas of specialization : Natural Language Processing, Machine Learning

List Of Publications

- 1) Vinothini and Subalalitha C.N (2020). Offline Handwritten Character Recognition System for Tamil Language. International Journal of Advance Science and Technology. 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, 29(9s), 6527 - 6533
- 3) Subalalitha, C. N. (2019). Information extraction framework for kurunthogai. Sādhana, 44(7), 156.
- 4) 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), 1-5.
- 5) 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), 1-4
- 6) Anita, R., & Subalalitha, C. N (2019). Automatic Generation of Description for Tamil Proverbs. Tamil Internet Conference. 11-17.
- 7)
- 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. 35-37.
- 9) Anita R., Subalalitha C. N(2019).. Building Discourse Parser for Thirukkural, in International Conference on Natural Language Processing (ICON) 2019 (paper accepted).
- 10) Subalalitha, C. N., & Poovammal, E. (2018). Automatic bilingual dictionary construction for Tirukural. Applied Artificial Intelligence, 32(6), 558-567.

- 11) Subalalitha C.N, Aarthi Venkataraman, BasimShahidBaqui (2018) Statistical Machine Translation From English To Hindi, International Journal of Pure and Applied Mathematics 118(20),1649-1655.
 - 12) Anitha Narasimhan, Aarthi 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, 12(2).
 - 13) Balaji J and Subalalitha CN. (2018) Automatic Query-Focused Summary Generation System for Tourism Discourse Using Rhetorical Structure Theory, Cognitive and Multimodal Approach to Tourism Discourse, Pages 201-212, IGI Global Publishers.
 - 14) Subalalitha, C. N., & Parthasarathi, R. (2017). Query Focused Summary Generation System using Unique Discourse structure. International Journal of Information Retrieval Research (IJIRR),7(1), 49-69.
 - 15) 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, 12(2), 551-555.
 - 16) Navaneethakrishnan, S. C(Subalalitha)., & Ramalingam, A. (2016). An Approach to Page Ranking Based on Discourse Structures. Journal of Communications, Software and Systems .12(4).195-199
 - 17) Navaneethakrishnan, S. C(Subalalitha)., & Parthasarathi, R. (2015). Building a Language-Independent Discourse Parser using Universal Networking Language. Computational Intelligence,31(4), 593-618.
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