Department of Computer Science and Engineering

International Conference Publications, 2018 June - 2019 July

1. Chamundeswari A, Srinivasan V, Harini K, Global Software Development: Key Performance Measures of Team in a SCRUM based Agile Environment, ICCSA 2018, Monash University, Melbourne, Australia. Springer LNCS. , July 2018.
2. Uma maheswari S, Chamundeswari A, Teaching Database Design and Analysis in a effective way on Digital Platform and its effect on society, ICCSA 2018, Monash University, Melbourne, Australia, Springer LNCS, July 2018.
3. Kavitha S., Bharathi B, Pravish S and Purushothaman S S, "Brain Visual State Classification of fMRI Data Using Fuzzy Support Vector Machine", Advances in Intelligent Systems and Computing, In book: Progress in Advanced Computing and Intelligent Engineering, July 2019. pp. 153 – 163.
4. P. Mirunalini and B. Bharathi and Nirupan Ananthamurugan and Skanda Suresh and Shreyas Gopal, "Multi-Level Smart Parking System", IEEE International Conference on Computer, Communication, and Signal Processing (ICCCSP), September 2018.
5. B. Prabavathy, Divya R, Divya Bharathi and Mageswari, "FMS++: An Enhanced Fleet Management System using Apache Spark Framework", IEEE International Conference on New Trends in Engineering & Technology at GRT Institute of Engineering and Technology during 7th and 8th September 2018.
6. B. Prabavathy, Rajalakshmi Ramadas, "A Prediction Model to Detect Diabetes for Pregnant Women using Spark Framework", IEEE International Conference on New Trends in Engineering & Technology, GRT Institute of Engineering and Technology, 7th and 8th September 2018.
7. Nithish B Moudhgalya,Sharan Sundar S, Siddharth Divi, P Mirunalini, Chandrabose Aravindan, S. M. Jaisakthi "Convolutional Long Short-Term Memory Neural Networks for Hierarchical Species Prediction", as a part of participating the task conducted by CLE, September 03, 2018. [CEUR proceedings ceur-ws.org/Vol-2125]
8. D. Thenmozhi and G. Ravikumar, "An Open Information Extraction for Question Answering System", IEEE- International Conference on Computer, Communication, and Signal Processing (ICCCSP), DOI: 10.1109/ICCCSP.2018.8452854.
9. D. Thenmozhi and C. Aravindan, "RCE-OIE: Open Information Extraction using A Rule-based Clause Extraction Engine for Semantic Applications", Springer lecture notes on Advances in Intelligent Systems and Computing, with book series titled Recent Findings in Intelligent Computing Techniques vol. 709, pp. 191-198.
10. D. Thenmozhi, B. Senthil Kumar, Chandrabose Aravindan, "SSN_NLP@IECSIL-FIRE-2018: Deep Learning Approach to Named Entity Recognition and Relation Extraction for Conversational Systems in Indian Languages", in CEUR proceeding, scopus indexed Volume: 2266, pages: 187-201 , December 2018. (Secured Second Prize)
11. D. Thenmozhi , A Kalaivani, Chandrabose Aravindan, "Multi-lingual Author Profiling on SMS Messages using Machine Learning Approach with Statistical

Feature Selection",10th Annual Meeting of the Forum for Information Retrieval Evaluation - FIRE 2018 - An international conference at DAIICT, Gandhinagar, Gujarat, December 2018. (Secured second Prize) in CEUR proceedings - scopus indexed Volume: 2266, pages: 223-231.

12. D Thenmozhi, S Kayalvizhi, Chandrabose Aravindan published a paper titled "A Machine Learning Approach to Indian Native Language Identification" in CEUR proceedings - scopus indexed Volume: 2266, FIRE 2018 - An international conference at DAIICT, Gandhinagar, Gujarat, December 2018, pp. 68-76.

13. D. Thenmozhi, B. Senthil Kumar, Chandrabose Aravindan, "Deep Learning Approach to English-Tamil and Hindi-Tamil Verb Phrase Translations" in CEUR proceedings - scopus indexed Volume: 2266, pages: 323-331. (Secured Third Place)

14. B.Bharathi, J.Bhuvana, "Statistical testing based feature selection for Native Language Identification", FIRE 2018, an international conference at DAIICT, Gandhinagar, Gujarat. In CEUR proceedings - scopus indexed with Volume: 2266, pages: 59-67. (Secured First place in the 'Indian Native Language Identification' shared task)

15. Lokeswari Venkataramana, Shomona Gracia Jacob, Saraswathi S and Athilakshmi R have virtually presented a paper titled "Clinical Decision Support System for Neuro - Degenerative Disorders: An Optimal Feature Selective Classifier and Identification of Predictor Markers" in the 18th International Conference on Intelligent Systems Design and Applications (ISDA), VIT, Vellore, India, 6-7 December 2018.

16. S. Kavitha,S.Mohanavalli and B.Bharathi, presented a paper titled as "Predicting Learning Behaviour of Online Course Learners' using Hybrid Deep Learning Model", 6th IEEE International Conference on MITE 2018, at MLR Institute of Technology, Hyderabad. (Best paper award)

17. Manisha S. and T. Sree Sharmila, "Recognition of Characters in a Securely Transmitted Medical Image", International Conference on Computer Networks, Big Data and IoT (ICCBI 2018), VCE, Madurai, India, 19- 20 December 2018.

18. Lokeshwari Y V, Jacob S G and Ramadoss R, " Parallel Prediction Algorithm for Heterogeneous Data: A Case study with Real Time Big Datasets In Peter J., Alavi A., Javadi B. (eds) Advances in Big Data and Cloud Computing. Advances in Intelligent Systems and Computing, Vol. 750, Springer, Singapore. pp. 529-538, December 2018.

19. Dhana Lakshmi M., Mirunalini P., Priyadharsini R., Mirnalinee T.T. (2019)," Review of Feature Extraction and Matching Methods for Drone Image Stitching. In: Pandian D., Fernando X., Baig Z., Shi F. (eds), Proceedings of the International Conference on ISMAC in Computational Vision and Bio-Engineering 2018 (ISMAC-CVB) ISMAC 2018. Lecture Notes in Computational Vision and Biomechanics, Vol. 30, Springer, Cham, January 2019.

20. Uma M, Sneha V, Sneha G, Bhuvana J, Bharathi B, "Formation of SQL from Natural Language Query using NLP", ICCIDS, 2019, conducted by Department of CSE, SSNCE., Feb 2019.

21. S.V.Jansi Rani, R.S.Milton, L.Yamini and B.Shivaani, "Reinforcement Approach to improve Transmission Control Protocol", ICCIDS, Department of CSE, SSNCE, Feb 2019.

22. D. Thenmozhi, J. Bhuvana and P. Mirunalini, "Behavioural monitoring of single residents in smart environment using deep learning", 5th International Conference on Bio Signals, Images and Instrumentation (ICBSII 2019), SSNCE, Feb 2019. (Received Best Paper award).

23. Chamundeswari A, Sriraghav K, Baskaran K, "Risk Assessment Framework: ADRIM Process Model for Extensible and Adaptable Methods in Computing", **Chakraverty**, Shampa, **Goel,** Anil, **Misra**, Sanjay (Eds.), Springer, 2018, pp.3-12.

24. Ms.Angel Deborah S, Ms.Rajalakshmi S, Dr.R.S Milton and Dr.Mirnalinee T T, "Contextual Emotion Detection in Text using Ensemble Learning" International Conference on Emerging Current Trends in Computing and Expert Technology(COMET-2019), Panimalar Engineering College, Poonamallee, Chennai on 22-23 March 2019. (Best Paper Award).

25. S. Poornima, S. Kavitha, S. Mohanavalli, and N. Sripriya, "Detection and classification of diseases in plants using image processing and machine learning techniques", AIP Conference Proceedings 2095, 030018 (2019); https://doi.org/10.1063/1.5097529, 09 April 2019.

26. J. Mary Hanna Priyadharshini, S. Kavitha, and B. Bharathi, "Comparative analysis of multilayer backpropagation and multi-channel deep convolutional neural network for human activity recognition", AIP Conference Proceedings 2095, 030014 (2019); https://doi.org/10.1063/1.5097525, 09 April 2019

27. Almah Roshni A ,Balaji J, Kaushik D and Sarath Chandran K. R, "Optimized Real Time Drowsy Driver Warning System using Raspberry Pi", 2nd International Conference on Computer Networks and Inventive Communication Technologies [ICCNCT 2019 - Springer], conducted by RVS Technical campus, Coimbatore during 23-24 May 2019.

28. Ms.Rajalakshmi S,Ms.Angel Deborah S, Dr.R.S Milton and Dr.Mirnalinee T T, Mining Suggestions from Online Reviews using Deep Learning Techniques on Augmented Data", SSN-SPARKS at SemEval-2019 Task 9:, in Proceedings of the 13th International Workshop on Semantic Evaluation (SemEval2019?), Association for Computational Linguistics, Minneapolis, USA, June 6-7, 2019, pages 1233-1237.

29. Logesh Balasubramanian, Harshini Sathish Kumar, Geetika Bandlamudi, Dyaneswaran Sivasankaran, Ms.Rajalakshmi S, Ms.Angel Deborah S, Dr.R.S Milton, Dr.T.T Mirnalinee, "TECHSSN at SemEval?-2019 Task 6:Identifying and Categorizing Offensive Language in Tweets using Deep Neural Networks", in Proceedings of the 13th International Workshop on Semantic Evaluation (SemEval2019), Association for Computational Linguistics, Minneapolis, USA, June 6-7, 2019, pages 749-754.

30. B. Senthil Kumar, D. Thenmozhi, Chandrabose Aravindan and Srinethe Sharavanan, "SSN_NLP at SemEval-2019 Task 3: Contextual Emotion Identification from Textual Conversation using Seq2Seq Deep Neural Network", Proceedings of the 13th

International Workshop on Semantic Evaluation, Jun 2019, Minneapolis, Minnesota, USA, Association for Computational Linguistics, pp 318—323.

31. D. Thenmozhi, B. Senthil Kumar, Srinethe Sharavanan and Chandrabose Aravindan , "SSN_NLP at SemEval-2019 Task 6: Offensive Language Identification in Social Media using Traditional and Deep Machine Learning Approaches", Proceedings of the 13th International Workshop on Semantic Evaluation, Jun 2019, Minneapolis, Minnesota, USA, Association for Computational Linguistics, pp 739—744.