- 1. Sujaudeen, N and Mirnalinee, TT, A novel dynamic data replication strategy to improve access efficiency of cloud storage, Information Systems and e-Business Management, pages={1--22} year={August 2019}, publisher={Springer Berlin Heidelberg}
- 2. Sujaudeen, N and Mirnalinee, TT, "TARNN: Task-aware autonomic resource management using neural networks in cloud environment", Concurrency and Computation: Practice and Experience, pages={e5463}, year={August 2019}
- 3. Shahul Hameadand, Mirnalinee, "Emulation of burst-based adaptive link rates in NetFPGA towards green networking", Turkish Journal of Electrical Engineering & Computer Sciences, volume={28}, number={3}, pages={1246--1263}, year={2020}, publisher={The Scientific and Technological Research Council of Turkey}
- 4. Arjun P, Mirnalinee T T, Extraction of compact boundary normalization based geometric descriptors for affine invariant shape retrieval, IET Image processing,
- **5.** Megha Vora and TT Mirnalinee, Dynamic small world particle swarm optimizer for function optimization, Natural Computing, 1-17.(IF: 0.778)
- 6. Angel Deborah S, Rajalakshmi S, S Milton Rajendram, Mirnalinee T T, "Emotion and Sentiment Intensity Detection Using Rule Based Feature Selection", SSN MLRG1 at SemEval-2018 Task 1, Proceedings of the 12th International Workshop on Semantic Evaluation (SemEval-2018), pages 324–328 New Orleans, Louisiana, June 5–6, 2018. ©2018 Association for Computational Linguistics
- 7. Angel Deborah S, Rajalakshmi S, S Milton Rajendram, Mirnalinee T T, "Irony Detection in English Tweets Using MultiLayer Perceptron", SSN MLRG1 at SemEval-2018 Task 3, Proceedings of the 12th International Workshop on Semantic Evaluation (SemEval-2018), pages 633–637 New Orleans, Louisiana, June 5–6, 2018. ©2018 Association for Computational Linguistics
- 8. Arjun P, Mirnalinee T T, "Points distance and distance ratio descriptors for shape based image retrieval", International Conference on Recent Trends in Engineering Materials and Renewable Energy 2018, University college of Engineering, Villupuram. Jan 4, 5 2018
- 9. Megha Vora and TT Mirnalinee, Dynamic small world particle swarm optimizer for function optimization, Natural Computing (2017), 1-17.(IF: 0.778)
- 10. Arjun. P, Mirnalinee T. T, "An efficient image retrieval system based on multi-scale shape features", Journal of Circuits, Systems, and Computers, IF: 0.481 (Thomson Reuters), http://www.worldscientific.com/doi/abs/10.1142/S0218126618501748, online ready
- 11. Mohanram, Mirnaline T. T, "Secured Data Storage and Retrieval Techniques for Effective Handling of Transport Data" IEEE Explore (2017), 239- 243.
- 12. S Milton Rajendram, TT Mirnalinee, et al., Ssn mlrg1 at semeval-2017 task 4: Sentiment analysis in twitter using multi-kernel gaussian process classi er, Proceedings of the 11th International Workshop on Semantic Evaluation (SemEval-2017), 2017, pp. 709-712.
- 13. S Milton Rajendram, TT Mirnalinee, et al, SSN MLRG1 at SemEval-2017 Task 5: Fine-Grained Sentiment Analysis Using Multiple Kernel Gaussian Process Regression Model, Proceedings of the 11th International Workshop on Semantic Evaluation (SemEval-2017), 2017, SemEval@ACL

- 14. P. V Srilakshmi Annapoorna and T. T. Mirnalinee, Streaming data classification, IEEE Xplore: (2016),. International Conference on Recent Trend, 1-7
- 15. Mirnalinee. T.T Kavitha. J, Automatic frontal face reconstruction approach for pose invariant face recognition, Procedia Computer Science 87 (2016), 300 305.
- 16. Mirnalinee T.T Kavitha.J, Gallery scaling for e cient pose invariant face recognition, Journal International of Advanced Engineering Technology 7 (2016), no. II, 1173 -1177.
- 17. T.T. Mirnalinee K.Mohanram, Software performance testing using dynamic load generation in cloud environment, Australian Journal of Basic and Applied Sciences 10 (2016), no. 2, 262(266.
- 18. K. Mohanram Mirnalinee and TT., Intelligent techniques for location based services using medical information retrieval in cloud database, Asian Journal of Information Technology 15 2016), no. 14, 2367 2370
- 19. Mirnalinee T T M.Pon Priya, Object recognition using deep neural networks, International Journal of Advanced Research in Biology Engineering Science and Technology (IJARBEST) 2 (2016), no. 14, 6-10.
- 20. J.Kavithaa. T.T. Mirnalinee, Automatic frontal face reconstruction approach for pose in-variant face recognition, Procedia Computer Science 87, 300 -305.
- 21. TT Mirnalinee N Sowmiya, HS Hamead, Adaptive link rates for burst based transmission towards the prosperity of green networks, Advanced Networks and Telecommunications Systems (ANTS), 2016 IEEE , 2016 (2016), 1{6.
- 22. P Sanju and TT Mirnalinee, Cross domain sentiment classification by extracting best opinion features, (2016)
- 23. Mirnalinee T T Sri lakshmi Annapoorna, Adaptive modelling for streaming data classification, International Journal of Advanced Research in Biology Engineering Science and Technology (IJARBEST) 2 (2016), no. 4, 128{132.
- 24. P Arjun and TT Mirnalinee, Machine parts recognition and defect detection in automated assembly systems using computer vision techniques., Rev. Téc. Ing. Univ. Zulia. Vol. 39, № 1,7-80, 2016(TR: 0.33, scopus: 0.27)
- 25. Sanju and TT Mirnalinee, Intelligent robot with aspect based sentiment analysis, Rev. Téc. Ing. Univ. Zulia. Vol. 39, Nº 1,116-123, 2016 (TR: 0.33, scopus: .27)Marimuthu S, Bhuvana J and Mirnalinee T T, Disease detection in Tomato plants using Deep Learning, presented in International Conference for Phoenixes on Emerging Current Trends in Engineering And Management during 06th & 07th March 2020. Awarded with best paper.
- 26. Ganapathy, Hariny, Geetika Bandlamudi, L. Yamini, J. Bhuvana, and T. T. Mirnalinee. "Deep learning models for estimation of flood severity using Satellite and News Article Images." (2019). MediaEval 2019, Multimedia Benchmark Workshop, Working Notes Proceedings of ceur-ws
- 27. Siddharth Sriraman, Srinath Srinivasan, Vishnu K Krishnan, Bhuvana J, T.T. Mirnalinee, MediaEval 2019: LRCNs for Stroke Detection in Table Tennis, MediaEval 2019, Multimedia Benchmark Workshop, Working Notes Proceedings of ceur-ws
- 28. Angel and Rajalakshmi, S and Logesh, B and Harshini, S and Geetika, B and Dyaneswaran, S and Rajendram, S Milton and Mirnalinee, TT, "TECHSSN at SemEval-2019 Task 6: Identifying and Categorizing Offensive Language in Tweets using Deep Neural Networks", Proceedings of the 13th International Workshop on Semantic Evaluation, pages={753--758}, year={2019}
- 29. Rajalakshmi, S and Angel and Rajendram, S Milton and Mirnalinee, TT," SSN-SPARKS at SemEval-2019 Task 9: Mining Suggestions from Online Reviews using

- Deep Learning Techniques on Augmented Data", Proceedings of the 13th International Workshop on Semantic Evaluation, pages={1237--1241}, year={2019}
- 30. S Angel and Rajalakshmi, S and Rajendram, S Milton and Mirnalinee, TT, "Contextual Emotion Detection in Text Using Ensemble Learning", International Conference on Emerging Current Trends in Computing and Expert Technology, pages={1179-1186}, year={2019},
- 31. Angel Deborah S, Rajalakshmi S, S Milton Rajendram, Mirnalinee T T, "Emotion and Sentiment Intensity Detection Using Rule Based Feature Selection", SSN MLRG1 at SemEval-2018 Task 1, Proceedings of the 12th International Workshop on Semantic Evaluation (SemEval-2018), pages 324–328 New Orleans, Louisiana, June 5–6, 2018. ©2018 Association for Computational Linguistics
- 32. Angel Deborah S, Rajalakshmi S, S Milton Rajendram, Mirnalinee T T, "Irony Detection in English Tweets Using MultiLayer Perceptron", SSN MLRG1 at SemEval-2018 Task 3, Proceedings of the 12th International Workshop on Semantic Evaluation (SemEval-2018), pages 633–637 New Orleans, Louisiana, June 5–6, 2018. ©2018 Association for Computational Linguistics
- 33. M Dhana Lakshmi, P Mirunalini, R Priyadharsini, TT Mirnalinee, "Review of Feature Extraction and Matching Methods for Drone Image Stitching", International Conference on ISMAC in Computational Vision and Bio-Engineering, Pages 595-602
- 34. Angel Deborah S., Rajalakshmi S., Milton Rajendram S., Mirnalinee T.T. (2020) Contextual Emotion Detection in Text Using Ensemble Learning. Emerging Trends in Computing and Expert Technology. COMET November 2019. Lecture Notes on Data Engineering and Communications Technologies, vol 35. Springer, Cham. https://doi.org/10.1007/978-3-030-32150-5_121 [Best Paper Award]
- 35. Angel Deborah S, Rajalakshmi S, S Milton Rajendram, Mirnalinee T T and Ujjwel Balwal, "Fossil fuel emission prediction system using machine learning techniques", First International Conference on Recent Trends in Clean Technologies for Sustainable Environment (CTSE-2019), September 26-27, 2019, Department of Chemical Engineering, SSN College of Engineering.
- 36. S.Rajalakshmi, Angel Deborah S, S Milton Rajendram, Mirnalinee T T, M.S. Pranathy and S. Ranjana, "Weather prediction and forecasting system using ensemble techniques", First International Conference on Recent Trends in Clean Technologies for Sustainable Environment (CTSE-2019), September 26-27, 2019, Department of Chemical Engineering, SSN College of Engineering.