

Dr. R. Thangarajan

Professor,

Department of Computer Science and Engineering,

Kongu Engineering College.

Ph.No.: 9443014942

E-mail: rt.cse@kongu.edu

List of Publications

1. Anitha, S., Jayanthi, P., & Thangarajan, R. (2020). Detection of Replica Node Attack Based on Exponential Moving Average Model in Wireless Sensor Networks. *Wireless Personal Communications*, 1-16.
2. Thangarajan, R., & Ramyasri, M. M. (2020). A NOVEL TECHNOLOGY FOR MACHINE TO MACHINE COMMUNICATION USING ETHEREUM SMART CONTRACTS. *Journal of Critical Reviews*, 7(13), 50-54.
3. Ramalingam, M., & Thangarajan, R. (2020). Mutated k-means algorithm for dynamic clustering to perform effective and intelligent broadcasting in medical surveillance using selective reliable broadcast protocol in VANET. *Computer Communications*, 150, 563-568.
4. Kalaivaani, P. C. D., & Thangarajan, R. (2016). Enhancing the Classification Accuracy in Sentiment Analysis using Joint Sentiment Topic Detection with Naive Bayes Classifier. *Asian Journal of Research in Social Sciences and Humanities*, 6(12), 105-116.
5. Sinivasamoorthi, K., & Thangarajan, R. (2020). An Enhanced Model Based on Orthogonal Function and Geometric Regularities for Medical Image Compression Using Non-Subsampled Contourlet-Bandelet Transform. *Journal of Medical Imaging and Health Informatics*, 10(1), 21-29.
6. Andrushia, A. D., & Thangarajan, R. (2020). RTS-ELM: an approach for saliency-directed image segmentation with ripplet transform. *Pattern Analysis and Applications*, 23(1), 385-397.
7. Lalitha, K., Thangarajan, R., Poongodi, C., & Anand, D. V. (2018, December). Sink Originated Unique Algorithm for Clustering and Routing to forward Aggregated Data in Wireless Sensor Networks. In *2018 International Conference on Intelligent Computing and Communication for Smart World (I2C2SW)* (pp. 127-130). IEEE.

8. Shenbagavalli, P., & Thangarajan, R. (2018). Aiding the Digital Mammogram for Detecting the Breast Cancer Using Shearlet Transform and Neural Network. *Asian Pacific Journal of Cancer Prevention: APJCP*, 19(9), 2665.
9. Pyingkodi, M., & Thangarajan, R. (2018). Informative gene selection for cancer classification with microarray data using a metaheuristic framework. *Asian Pacific Journal of Cancer Prevention: APJCP*, 19(2), 561.
10. Ramasamy, T., & Arjunasamy, A. (2017). Advanced heuristics for selecting friends in social internet of things. *Wireless Personal Communications*, 97(4), 4951-4965.
11. Andrushia, A. D., & Thangarajan, R. (2017, July). Contrast enhancement scheme for visual saliency detection. In *2017 International Conference on Signal Processing and Communication (ICSPPC)* (pp. 79-83). IEEE.
12. Lalitha, K., Thangarajan, R., Udgata, S. K., Poongodi, C., & Sahu, A. P. (2017). GCCR: An Efficient Grid Based Clustering and Combinational Routing in Wireless Sensor Networks. *Wireless Personal Communications*, 97(1), 1075-1095.
13. Andrushia, A. D., & Thangarajan, R. (2017). An efficient visual saliency detection model based on Ripplet transform. *Sādhana*, 42(5), 671-685.
14. Andrushia, A. D., & Thangarajan, R. (2017, March). Center bias enhanced visual saliency detection method. In *2017 Fourth International Conference on Signal Processing, Communication and Networking (ICSCN)* (pp. 1-4). IEEE.
15. Kogilavani, S. V., Thangarajan, R., & Malliga, C. K. D. S. (2017). Detecting Paraphrases in Tamil Language Sentences.
16. Pyingkodi, M., & Thangarajan, R. (2017). Meta-analysis in autism gene expression dataset with biclustering methods using random cuckoo search algorithm. *Asian Journal of Research in Social Sciences and Humanities*, 7(2), 186-194.
17. Ramalingam, M., & Thangarajan, R. (2017). Weight Value Based Clustering for Dissemination of Emergency Message with Selective Reliable Broadcasting in VANETs. *Asian Journal of Research in Social Sciences and Humanities*, 7(1), 492-500.
18. K. Lalitha, R. Thangarajan, S. Ponni (2016), Multi-Objective Clustering Technique with Polar Coordinates and Delivery Guarantees in Wireless Sensor Networks, *Journal International Journal of Printing, Packaging & Allied Sciences*, Volume 4, Issue 1, Pages 344-351.
19. Kalaivaani, P. C. D., & Thangarajan, R. (2016). Enhancing the Classification Accuracy in Sentiment Analysis using Joint Sentiment Topic Detection with Naive Bayes Classifier. *Asian Journal of Research in Social Sciences and Humanities*, 6(12), 105-116.

20. Ramalingam, M., & Thangarajan, R. (2016). A study of broadcasting protocols and its performance in VANETs. *Int. J. Emerg. Eng. Res. Technol*, 4(3), 1-10.