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Department of Computer Science & Technology
Journal Publications 2020-2021

Dr.M. Sreedevi

1. Roopashree L R, **Dr.M. Sreedevi**. (2020). Malware Recognition and Pattern Classification Using NLP. International Journal of Advanced Science and Technology, 29(6s), 217 - 223. Retrieved from http://sersc.org/journals/index.php/IJAST/article/view/8748

2. Saravanan, D., Rajakumar, R., **Dr. Sreedevi M.**, Dinesh, K., Sudha, S. V., Anguraj, D. K., & Mubarakali, A. (2021). Multi-objective swarm-based model for deploying virtual machines on cloud physical servers. Distributed and Parallel Databases, 1-19. https://doi.org/10.1007/s10619-021-07341-2

Dr. K. Dinesh

1. Rajakumar, R., **Dinesh, K.,** Dumka, A., & Jayakumar, L. (2020). RFA Reinforced Firefly Algorithm to Identify Optimal Feature Subsets for Network IDS. International Journal of Grid and High Performance Computing (IJGHPC), 12(3), 68-87.

2. Muthukumaran, S., Rajakumar, R., & **Dinesh, K.** Clustering with Classification Based Identification On Diabetics Disease to Avoid Blindness in Early Stage, International Journal Of Scientific & Technology Research Volume 9, Issue 02, February 2020.

3. Saravanan, D., Rajakumar, R., Dr.M. Sreedevi, M., **Dinesh, K.,** Sudha, S. V., Anguraj, D. K., & Mubarakali, A. (2021). Multi-objective swarm-based model for deploying virtual machines on cloud physical servers. Distributed and Parallel Databases, 1-19.

4. **Dinesh, K.,** Rajakumar, R., & Subramanian, R. (2021). Self-organisation migration technique for enhancing the permutation coded genetic algorithm. International Journal of Applied Management Science, 13(1), 15-36.

Dr.T. Kalaipriyan

1. **Kalaipriyan. T**, S. V. Sudha, D. Saravanan, Renjith V. Ravi, Dinesh Kumar Anguraj, and R. S. Raghav. "Reinforced Cuckoo Search based fugitive landfill methane emission estimation." Environmental Technology & Innovation 21 (2021): 101207.

2. **Kalaipriyan. T,** R. S. Raghav, Jayakumar Loganathan, Ankur Dumka, and V. Dhilipkumar. "Optimal path planning for intelligent automated wheelchair using DDSRPSO." International Journal of Pervasive Computing and Communications (2020).

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3. **Kalaipriyan T**., Anitha, R., Enireddy, V., Raghav, R. S., Anguraj, D. K., & Arivunambi, A. (2021). Pattern mining technique derived ant colony optimization for document information retrieval. Journal of Ambient Intelligence and Humanized Computing, 1-13.

4. Raghav, R. S., Prabu, U., Rajeswari, M., Saravanan, D., & **Kalaipriyan T**. (2021). Cuddle death algorithm using ABC for detecting unhealthy nodes in wireless sensor networks. Evolutionary Intelligence, 1-13.

5. Rajeswari, M., **Kalaipriyan T**., Raghav, R. S., Prabu, U., Saravanan, D., & Anguraj, D. K. (2021). Flower Pollination Algorithm with Powell's method for the minimum energy broadcast problem in wireless sensor network. Wireless Personal Communications, 1-25.

Dr. Rajakumar R

1. **Rajakumar, R**., Dinesh, K., Dumka, A., & Jayakumar, L. (2020). RFA Reinforced Firefly Algorithm to Identify Optimal Feature Subsets for Network IDS. International Journal of Grid and High Performance Computing (IJGHPC), 12(3), 68-87.

2. Muthukumaran, S., **Rajakumar, R.,** & Dinesh, K. Clustering with Classification Based Identification on Diabetics Disease to Avoid Blindness in Early Stage, International Journal of Scientific & Technology Research Volume 9, Issue 02, February 2020.

3. Saravanan, D., **Rajakumar, R.,** Dr.M. Sreedevi, M., Dinesh, K., Sudha, S. V., Anguraj, D. K., & Mubarakali, A. (2021). Multi-objective swarm-based model for deploying virtual machines on cloud physical servers. Distributed and Parallel Databases, 1-19.

4. **Rajakumar, R.,** Sekaran, K., Hsu, C. H., & Kadry, S. (2021). Accelerated grey wolf optimization for global optimization problems. Technological Forecasting and Social Change, 169, 120824.

5. Dinesh, K., **Rajakumar, R.,** & Subramanian, R. (2021). Self-organisation migration technique for enhancing the permutation coded genetic algorithm. International Journal of Applied Management Science, 13(1), 15-36.

Dr. Muralidhar Panthula

1. **Muralidhar Panthula**., & Kuppusamy, K. S. (2020). A machine learning-based model to evaluate readability and assess grade level for the web pages. The Computer Journal

Dr. K. Chokkanathan

1. **Chokkanathan**, **K.**, Kumar, K. S., Ayyadurai, M., & Varalakshmi, S. (2020). Signature Based Key Authentication Protocol for Wireless Body Sensor Networks. European journal of molecular & clinical medicine, 7(3), 5563-5572.

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2. Kumar, S. A., Suresh, A., Anand, S. R**., Chokkanathan**, K., & Vijayasarathy, M. (2021). Hybridization of Mean Shift Clustering and Deep Packet Inspected Classification for Network Traffic Analysis. Wireless Personal Communications, 1-17.

3. Shanmugaraja, P., **Chokkanathan, K.,** Thangaraj, K., & Ilanchezhian, P. Deep Packet Inspection Using Hybrid Classifier for Unknown Traffic Flows in The Internet, ICTACT Journal on Communication Technology, 12(1), 2021.

4. Shanmugaraja, P., **Chokkanathan, K.,** Thangaraj, K., Ilanchezhian, P., & Balakrishnan, N. (2021). Plant Identification and Classification Using Multiwavelet Transform. Annals of the Romanian Society for Cell Biology, 4295-4300.

5. Shanmugaraja P, **Chokkanathan K**, Siva Shankar Ramasamy, Nandakumar S D(2021)."A SMART ROBOTIC BASED GARBAGE/SEWAGE MANAGEMENT SYSTEM USING IOT", Turkish Journal of Physiotherapy and Rehabilitation; 32(3), 3510-3514.

Mr. S. Thangam

1. **Thangam, S.,** & Shenbagarajan, A. (2020). Quantum Inspired Membrane Computing to Enhance Security in Cloud Network. Solid State Technology, 63(6), 14735-14751.