Publications (May 2018-May 2019)

Journals: (May 2018-May 2019)

S.No	Details
1	T. L. Sivarama Krishna and T. Ragunathan, Performance evaluation of Speculative Semantics-Based Algorithm to Improve the Performance of Distributed File Systems, International Journal of Communication Networks and Distributed Systems, Inderscience publications, February 2019, Vol. 22., no. 33, pages 275-293.
2	K. Shida, FFTW with enlarged and SIMD-compatible FFT kernels benchmarked on an Intel x86 CPU, HPCI research report, HPRR-hp140061.
3	V. M. Manikandan, Nelapati Lava Prasad, V. Masilamani, Half Difference Expansion Based Reversible Data Hiding Scheme for Medical Image Forensics, Current Medical Imaging Reviews, Bentham Science, September 2018 (DOI : 10.2174/1573405614666180903120018)
4	Abdur Rashid Sangi, Mohammed Alkatheiri, Satish Anamalamudi and Jianwei Liu,Cognitive AODV routing protocol with novel channel-route failure detection, Multimedia Tools and Applications, Springer (DOI : 10.1007/s11042-019-7352-7)

Book Chapters (May 2018-May 2019)

1. Shaila S G and Vadivel A, Introducing the Deep Learning for Digital Age (150319-101707), Book Ch. 17: Handbook of Research on Applications and Implementations of Machine Learning Techniques - accepted for publication

2. Shaila S G and Vadivel A, Introduction to The World of Artificial Intelligence (150319-060310) Book Ch. 19: Handbook of Research on Applications and Implementations of Machine Learning Techniques - accepted for publication

3. Shaila S G and Vadivel A, (2018) Textual and Visual Information Retrieval using Query Refinement and Pattern Analysis, Springer, ISBN 978-981-13-2558-8

4. P Sumathy, P Shanmuga Vadivu and A Vadivel (2018), Image Retrieval and Analysis Using Text and Fuzzy Shape Features: Emerging Research and Opportunities, A volume in the Advances in Multimedia Interactive Technologies Book Series, IGI Global.

Conference presentations (May 2018-May 2019)

1. S. S. Sengar, Motion Segmentation based on structure-texture decomposition and improved three frame differencing, 15th International Conference on Artificial Intelligence Applications and Innovations (2019), Crete, Greece, May 24-26, 2019 (978-3-030-19823-7)

2. Jatindra Kumar Dash, Manisha Patro, Snehasish Majhi, Gandham Girish and Nancy Anurag P. "Local Texture Features for Content Based Image Retrieval of Interstitial Lung Disease Patterns on HRCT Lung Images", International Conference on Innovative Computing and Communication, 2019, Faculty of Electrical Engineering and Computer Science, VŠB - Technical University Of Ostrava, Czech Republic (Europe), March 21-22, 2019 (Accepted for publication)

3. I Anitha and A Vadivel, Human Activity Recognition on Multivariate Time Series data: A Technical Review, In Proc. International Conference on Data Science, Machine Learning & Applications (ICDSMLA 2019), Hyderabad, India, Accepted for publication

4. Vatsal R, Rishvanth K, Saurabh G, Saurav R, Pushya M, I Anitha Rani and Vadivel A, Smart Surveillance and Real-Time Human Action Recognition using Open Pose, In Proc. International Conference on Data Science, Machine Learning & Applications (ICDSMLA 2019), Hyderabad, India, Accepted for publication.

5. Anusha Nalajala, T. Ragunathan, Sri Harsha Tavidisetty Rajendra, Nagamlla Venkata Sai Nikhith and Rathnamma Gopisetty, Improving the Performance of Distributed File System through Frequent Block Access-based Prefetching Algorithm, ICCCNT 2019,10th International Conference on Computing, Communication and Networking Technologies, July 6-8, 2019, IIT Kanpur, India

6. Krishna Prasad, Paper Title: "WSN Energy Optimization: Evolutionary Approach" SMIT Second International Conference on Advanced Computational and Communication Paradigms (ICACCP-2019), 25th to 28th of February, 2019 in the institute premises in Majitar, Sikkim. This paper is published in IEEE explore.

7. Priyanka, Ashok Pradhan, "Medical Image Watermarking for Authentication, Confidentiality, Tamper Detection and Recovery", 10th INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT), 6-8th July 2019 in IIT Kanpur. Paper will be published in IEEE Explore.

8. V. M. Manikandan, V. Masilamani "A Novel Machine Learning Approach to Prevent Illegal Distribution of Screen Captured Videos", IEEE International Conference on the Science of Electrical Engineering-2018, Israel. (https://ieeexplore.ieee.org/document/8646197)

9. V. M. Manikandan, V. Masilamani. "Reversible Data Hiding Scheme During Encryption Using Machine Learning." Procedia computer science 133 (2018): 348-356.

10. Vijaysri, L., V. M. Manikandan, and V. Masilamani. "Principal Component Analysis Based Paralytic Attack Detection Using a New Distance Measure." Procedia computer science 133 (2018): 306-314.

11. Seema Begum, Yao Nianmin, Syed Bilal Hussain Shah, Inam Ullah Khan and Satish Anamalamudi, Research Challenges in the Internet of Things (IoTs), Recent Trends and Advances in Wireless and IoT-enabled Networks, Springer.