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### **LIST OF PUBLICATIONS**

#### **International Journal Publication:**

1. Pradeepa S., R. Thamilselvan., "High-Dimensional Data Clustering using Hubness Based Clustering Algorithms", International Journal for Scientific Research and Development, Vol.3, No.2 pp. 1522-1528 May 2015.
2. R. Thamilselvan., P. Natesan., "Hybridization of Genetic Algorithm with Cuckoo Search Algorithm for Job Scheduling on Distributed Heterogeneous Computing Systems", Asian Journal of Research in Social Sciences and Humanities, Vol.6, No.9 pp. 2162-2175 September 2016.
3. P. Parameswari., R. Thamilselvan., "Multi-Parameter Reverse Glowworm Swarm Optimization Algorithm for Energy Efficient Sensor Movement in Mobile Wireless Sensor Network", International Journal of Computational Research and Development, Vol.1, No.2 pp. 49-55, 2016.
4. R. Thamilselvan., P. Parameswari., K. SreePreethi., C. Selvaraj., "A Reverse Glowworm Swarm Optimization Algorithm for Energy Efficient Sensor Movement in Mobile Wireless Sensor Network", International Journal of Advanced Research Trends in Engineering and Technology, Vol.4, No.1 pp. 55-62 February 2017.
5. K. Tamil Selvi., Dr. R. Thamilselvan., "Location aware routing in software defined network", International Journal of Intellectual Advancements and Research In Engineering Computations, Volume 7, Issue 1, pp. 1077-1083 April 2019.
6. K. Tamil Selvi., Dr. R. Thamilselvan., "Software Defined Networking and Network Function Virtualization for Service Providers using Network Slice as a Service", International Journal of Engineering and Advanced Technology (SCOPUS), Volume 9, Issue 2, pp: 733-737 December 2019
7. Dr. R. R. Rajalaxmi., Dr. E. Gothai., Dr. R. Thamilselvan., Ms. P. Gokila Bindha., Dr. P. Natesan., "Naïve Bayes guided Binary Firefly Algorithm for Gene Selection in Cancer Classification", International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, (SCOPUS), Volume-8, Issue-4, pp: 7405-7409, November 2019.

8. Dr.R.Thamilselvan., K. Tamil Selvi., R. R. Rajalaxmi., E. Gothai., “Multipath Routing of Elephant flows in Data centers based on Software Defined Networking”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, (SCOPUS), Volume-9, Issue-2, pp: 2714-2717, December, 2019.
9. N.Anitha, Dr.T.Abirami, Dr.R.Thamilselvan., “Prediction Of Cognitive Impact Of Yoga And Meditation On Psycho-Physiological Health For Students”, International Journal of Scientific & Technology Research (SCOPUS) ISSN 2277-8616, Volume 9, Issue 01, pp: 864-867, January 2020.
10. K. Tamil Selvi., Dr.R.Thamilselvan., “Deep Learning Based Traffic Classification In Software Defined Networking –A Survey”, International Journal of Scientific & Technology Research(SCOPUS), ISSN 2277-8616 , Volume 9, Issue 02, pp: 2034-2041, February 2020.
11. Dr.E.Gothai, Dr.R.Thamilselvan, Dr.R.R.Rajalaxmi, Dr.P.Natesan.,” Fruit Recognition Using Color Feature with Deep Convolutional Neural Network”, International Journal of Scientific & Technology Research ISSN 2277-8616 (SCOPUS), Volume 9, Issue 03, pp: 6116-6120 March 2020
12. Dr.P.Natesan, Dr.E.Gothai, Dr.R.Thamilselvan, Dr.R.R.Rajalaxmi., “Identification of weeds from crops using Convolutional Neural Network”, International Journal of Scientific & Technology Research ISSN 2277-8616 (SCOPUS), Volume 9, Issue 04, pp: 842-847, April 2020
13. Thamilselvan R, Bharathi M, Kaviya L and Malarvizhi L., “Scheduling and Optimization of Appointment System in Hospital using Machine Learning”, International Journal of Advanced Science and Technology (SCOPUS)ISSN 2005-4238 Volume. 29, No. 5, pp. 8190-8195 May 2020.
14. Dr. R. Thamilselvan; Dr.E.Gothai; Dr. P.Natesan, “Hybridization of Cuckoo Search and Firefly Algorithm with Genetic Algorithm for Job Shop Scheduling in Distributed Computing”, Test Engineering and Management(SCOPUS) ISSN 0193-4120 Volume. 83, No. 5, pp. 16279-16288 June 2020.
15. G. G.Ramakrishna Prabhu, K.Vidhya And Dr. R. Thamilselvan, “Power Transmission Lines Cooling in Under Ground Cables and Overhead Lines”, International Journal of Advanced Science and Technology(SCOPUS), ISSN 2005-4238, Vol. 29, No. 12s, (2020), pp. 1982-1990.

16. Dr.R.Thamilselvan, Dr.K.Palanisamy, Dr.P.Natesan, Dr.R.R.Rajalaxmi and Dr.E.Gothai, “Quality of Life and Mobile with Internet Addiction Among Engineering College Students: A Correlation Study”, Biosc. Biotech. Res. Comm. (WoS) Special Issue Vol 13 No (6) 2020 Pp-188-194.

### **Paper Presented in International Conferences**

1. R.Thamilselvan, “Secured Artificial Fish swarm algorithm for constrained Engineering Design problems”, International Conference on Mathematical Modeling and Computational Methods in Science and Engineering, Alagappa University, Karaikudi, February 2017.
2. R.Thamilselvan, “Multiparameter reverse flow worm swarm optimization algorithm for energy efficient sensor networks”, Global Learning Conference on Mobile Computing, AC Tech, Anna University, Chennai, February 2017.
3. R.Thamilselvan, “Optimization Technique using Bio Inspired Algorithm for Energy and Coverage in mobile WSN”, CSI Sponsored International Conference on Innovative Computing Technologies, M.Kumarasamy College of Engineering ,Karur, February 2017.
4. R.Thamilselvan, “Improving Performance Elliptic Curve Based on DNSSEC Validation”, International Conference on Engineering and Advancement in Technology (ICEAR’18), Sri Krishna College of Technology, Coimbatore, March 2018.

### **Paper Presented in National Conferences**

1. R.Thamilselvan., “Mining Emerging Trends in Social Networks”, Second National Conference on Innovation in Computational Intelligent Techniques (NCICIT 2015), Anna University Regional Centre, Coimbatore. February 2015.
2. R.Thamilselvan, “Discover Emerging Trends in Social Networks”, Fourth National Conference on Communication Technology Intervention for Rural and Social Development (NCCTIRD 2015), Sri Krishna College of Engineering and Technology, Coimbatore, February 2015.
3. R.Thamilselvan, " Hubness based clustering algorithm for high dimensional data using hubness based approaches”, National Conference on Current Trends in Information Technology, SRM University, Chennai. January 2015.

4. R.Thamilselvan, " Clustering high – dimensional data using hubness based approaches", National Conference on Intelligent Computing (NCIC'15), Pondicherry Engineering College, Puducherry. January 2015.
5. R.Thamilselvan, " Reverse Glow-worm Swarm optimization algorithm for energy efficient sensor movement in mobile network wireless sensor", National Conference on Recent Trends in Information Technology, PSG College of Technology. February 2017.
6. R.Thamilselvan, " Increasing the network life time for data aggregation in WSN using virtual data aggregation trees", National Conference on networks intelligence and computing systems, SNS College of Technology, Coimbatore. March 2017.
7. R.Thamilselvan," Enhancement on the performance impact of elliptic curve cryptography on DNSSEC validation", Fifth National Conference on Innovation in Information Technology (NCITT'18), Bannari Amman Institute of Technology, Sathyamangalam, March 2018.
8. R.Thamilselvan, " Ant Colony Classification Mining algorithm based on Pheromone attraction and Exclusion", 5th National Conference on Networking, Intelligence, and Computing (NCNIC 2018), CSI-KEC Student chapter, Kongu Engineering College, Perundurai, March 2018.
9. R.Thamilselvan, "Privacy in Location Sharing Based Services for Social Networks", 5th National Conference on Networking, Intelligence, and Computing (NCNIC 2018), CSI-KEC Student chapter, Kongu Engineering College, Perundurai, March 2018.