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Sl.No	Name of the Institution	Period of Service
1.	Ananda college, Devakottai	03-06-2014 to 28-02-2022
2.	Vidhyaa Giri College of Arts and Science, Puduvayal	01-03-2022 to till date

Publications

Books:

1. Dr.L.Sathish Kumar and **Dr.R.Pandi Selvam** “Data Communications and Networking”, Notion Publications, Chennai, October 2019, **ISBN: 978-1-64678-447-9.**

Patent:

1. Dr.S. Kevin Andrews and **Dr.R.Pandi Selvam** et.al., “Noise Cancellation in window to prevent high decibel sounds using machine learning”, 700295140, December 2020.

Book Chapters:

1. **R.Pandi Selvam**, A.Sheryl V.Mohan et.al., “Explainable Artificial Intelligence with Metaheuristic Feature Selection Technique for Biomedical Data Classification”

Biomedical Data Analysis and Processing using Explainable (XAI) and Responsive Artificial Intelligence (RAI) – Accepted.

Papers Published in International Journal:

SCI Indexed:

1. Lydia, E.L., Raj, J.S., **Pandi Selvam. R.**, Elhoseny, M., Shankar, K. “Application of discrete transforms with selective coefficients for blind image watermarking” *Transactions on Emerging Telecommunications Technologies*, DOI: 10.1002/ett.3771, September 2019. **ISSN: 2161-3915. IF-2.638.**

Scopus Indexed:

1. Kanagaraj Narayanasamy, **R. Pandi Selvam** et.al., “Intelligent and effective crop yield prediction using machine learning techniques for cloud-based big data analytics” *Turkish Journal of Physiotherapy and Rehabilitation*, Vol.32, No.3 pp.284-297,2021. **ISSN: 2651-4451.**
2. G.Elavarasan, K. Sathesh Kumar, M.Marimuthu, Kanagaraj Narayanasamy,**R. Pandi Selvam**, M.Ilayaraja “Evolutionary oppositional mayfly optimization based task scheduling algorithm for cloud computing” *Turkish Journal of Physiotherapy and Rehabilitation*, Vol.32, No.3 pp.284-297,2021. **ISSN: 2651-4451.**
3. K.Seethalakshmi and **R.Pandi Selvam** “Lifetime Maximization Algorithms in Wireless Sensor Networks:A Survey” *Turkish Online Journal of Qualitative Inquiry(TOJQI)*,Vol.12,No.07 pp.4299-4306,2021. **e-ISSN 1309-6591.**
4. **R.Pandi Selvam**, K.Seethalakshmi and S.Vimala “A Reliable Node Clustering Algorithm for Mobile Ad Hoc Networks” *European Journal of Molecular & Clinical Medicine*, Vol. 7, No.11, 2020.pp2469-2475,2020. **ISSN-2515-8260.**
5. **R.Pandi Selvam**, A.Victor Benevent Raj and A.Dinesh Kumar “Analysis of Multicast Routing Protocols for Group Communication in Mobile Ad Hoc Network” *Journal of Critical Reviews*, Vol. 7, No.13, pp. 2171-2177, 2020. **ISSN-2394-5125.**
6. K. Sai Saranya,A.Priyanka Devi, CH. Usha Kumari, and **R.Pandi Selvam** “Decentralized Relocation and Transmission Range Adjustment for Coverage Hole Recovery in WSN using Game Theory” *Journal of Critical Reviews*, Vol. 7, No.3, pp. 1387-1392, 2020. **ISSN-2394-5125.**

7. K. SaiSaranya,Ch.Sekhar,Ch. Usha Kumari, Dr.E.Laxmi Lydia and **R. Pandi Selvam** “Comparative Evaluation of Answering Holistic Queries in WSN” *Journal of Critical Reviews*, Vol. 7, No.3, pp. 1303-1309, 2020. **ISSN-2394-5125**.
8. M. Srinivasa Rao, Chinmaya Ranjan Pattanaik,Achyuth Sarkar and **R. Pandi Selvam** “Machine Learning Models for Heart Disease Prediction”, *International Journal of Advanced Science and Technology(IJAST)*, Vol. 29, No. 2, 2020, pp. 4567 – 4580.**ISSN: 2005-4238**.
9. Ch Sekhar, Kumar Devadutta, **R. Pandi Selvam** and Irina V. Pustokhina, “Prediction of Covid19 using Neural Networks and Compartmental Models in Epidemiology”, *International Journal of Advanced Science and Technology(IJAST)*, Vol. 29, No. 2, 2020, pp. 4581 – 4594.**ISSN: 2005-4238**.
10. Sharmili Nukapeyi, Meghana Viyyapu, Ilayaraja, **R. Pandi Selvam**, Irina V. Pustokhina,Denis A. Pustokhin“Blockchain Based Healthcare System DApp” *International Journal of Advanced Science and Technology(IJAST)*, Vol. 29, No. 2, (2020), pp. 4647 – 4666. **ISSN: 2005-4238**.
11. M. Ilayaraja, **R. Pandi Selvam**, KP. Kavitha, Irina Pustokhina, Denis Alexandrovich Pustokhin, K. Shankar. “Machine Learning in Healthcare Diagnosis System using Density Based Clustering with Logistic Regression Classification Model”, *International Journal of Advanced Science and Technology* Vol. 29, No. 8s,pp. pp.730-740,2020.**ISSN: 2005-4238**.
12. Dr.L.Sathish Kumar, Dr.K.Thinakaran, Dr. K.Santhi, **Dr.R.Pandi Selvam**. “Efficient approach of Memory Glow Method for find the Misplaced Items” *International Journal of Scientific & Technology Research* Volume 9, Issue 04, 2020, pp.3563-3567. **ISSN: 2277-8616**.
13. A.Dinesh Kumar, **R.Pandi Selvam**, V.Palanisamy “Prediction of Student Performance using Hybrid Classification” *International Journal of Recent Technology and Engineering (IJRTE)*, Vol.08, Issue-4, 2019. ISSN: 2277-3878.
14. Ismail, R., Wekke, I.S., Dinesh Kumar, A., **Pandi Selvam. R.**, Shankar, K., Nguyen, P.T “Character Reorganization and Categorization Using Hybrid Algorithms by Scanned Documents” *International Journal of Engineering and Advanced Technology*, Vol.8, Issue-6S2, pp. 943-948, 2019. **ISSN: 2249 -8958**.

15. Sutabri, T., **Pandi Selvam. R.**, Shankar, K., Nguyen, P.T., Hashim, W., Maselena, A. "Machine Learning for Healthcare Diagnostics", *International Journal of Engineering and Advanced Technology* Volume-8, Issue-6S2, pp. 999-1001, 2019. **ISSN: 2249-8958.**
16. Suyatno, Nguyen, P.T., Dinesh Kumar, A., **Pandi Selvam. R.**, Shankar, K. "Examination of Information System Design for Student's Scoring Processing", *International Journal of Engineering and Advanced Technology* Volume-8, Issue-6S2, pp. 1143-1147, 2019. **ISSN: 2249-8958.**
17. Purwanti, E., Nguyen, P.T., Dinesh Kumar, A., **Pandi Selvam. R.**, Shankar, K. "The design of teacher salary computerization System", *International Journal of Engineering and Advanced Technology*, Vol.8, Issue-6S2, pp. 1148-1151, 2019. **ISSN: 2249 - 8958.**
18. E. Laxmi Lydia, **R. Pandi Selvam**, U.S. Kirutikaa, R. Saranya, M. Ilayaraja, K. Shankar and Andino Maselena "Transforming Health Care Big Data Implementing through Aprior-Mapreduce", *International Journal on Emerging Technologies* Volume-10, Issue-2, pp.71-77, July 2019. **ISSN: 0975-8364.**
19. E. Laxmi Lydia, **R. Pandi Selvam**, R. Saranya, U.S. Kirutikaa, M. Ilayaraja, K. Shankar and Andino Maselena "Data Integration and Data Privacy through "Pay-As-You-Go" Approach", *International Journal on Emerging Technologies* Volume-10, Issue-2, pp.167-173, July 2019. **ISSN: 0975-8364.**
20. J. John Kennedy, **R. Pandi Selvam** and V. Palanisamy "Cloud-Centric IoT based Decision Support System for Gestational Diabetes Mellitus using Optimal Support Vector Machine", *International Journal of Recent Technology and Engineering (IJRTE)* Volume-8, Issue-1, pp-3415-3423, May 2019. - IF:5.92.- **ISSN: 2277-3878.**
21. **Pandi Selvam Raman**, Shankar.K and Ilayaraja.M "Securing Cluster based routing against cooperative black hole attack in mobile ad hoc network" *International Journal of Engineering & Technology(IJET)*-Vol:7-No.:2.23, pp:6-9, March 2018. **ISSN:2227-524X.**
22. A. Dinesh Kumar, **R. Pandi Selvam** and K. Sathish Kumar "Review on Prediction Algorithms in Educational Data Mining" *International Journal of Pure and Applied Mathematics(IJPAM)*-Vol:118-No.:8, pp.531-537, 2018. **ISSN:1311-8080.**

23. **Pandi Selvam Raman** “Black Hole Attack Prevention on AODV Routing Protocol using Clustering Approach (CBAODV) in MANET, *International Journal of Engineering and Technology(IJET)*, Vol:9-No.:6,pp.4002-4006, December 2017-**ISSN:2319-8613**.
24. **Pandi Selvam Raman** “Impact of Black Hole Attack on Cluster Based Multicast in Mobile Ad Hoc Network” *International Journal of Pure and Applied Mathematics(IJPAM)*-Vol:116-No.:10,pp.341-347, **ISSN:1311-8080, 2017**.

International Conference presentations and publications in IEEE/ACM/Springer

Proceedings:

1. **R.Pandi Selvam** and V.Palanisamy “An Optimized Cluster-Based Approach for Multi-Source Multicast Routing Protocol in Mobile Ad-hoc Networks with Differential Evolution”, *IEEE International Conference on Pattern Recognition, Informatics and Medical Engineering* ,Periyar University, Salem on 21st – 23rd March 2012. pp. 115-120. **ISBN: 978-1-4673-1039-0**.
2. **R.Pandi Selvam** and V.Palanisamy “A Cluster-Based Multi-Source Multicast Routing Protocol using genetic algorithm for Mobile Ad-hoc Networks”, *IEEE and ACM International Conference on Wireless Technologies for Humanitarian Relief*, Amrita University, Kochin, Kerala on 18th – 21st December 2011. pp.393-399. **ISBN:978-1-4503-1011-6**.
3. **R.Pandi Selvam** and V.Palanisamy “An Efficient Cluster-Based Multi-Source Multicast Routing Protocol in Mobile Ad-hoc Networks”, *IEEE International Conference on Communication Control and Computing Technologies*, Syed Ammal Engineering College, Ramanathapuram on 7-9th October 2010. pp.414-419. **ISBN: 978-1-4244-7768-5**.

UGC Approved Journal:

1. **Pandi Selvam Raman** “Black Hole Attack Prevention and Detection Solutions on AODV Routing Protocol in MANET, *International Journal of Scientific Research in Computer Science,Engineering and Information Technology(IJSRCSEIT)*,Vol:2-No.:4,Aug.2017, pp.135-140,**ISSN:2456-3307**