Dr. RAJA VARMA PAMBA

Assistant Professor

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Qualifications:

- B. Tech – Computer Science and Engineering. (Govt Rajiv Gandhi Institute of Technology, Kottayam)
- M. Tech – Computer Science and Engineering (Viswesaraya National Institute of Technology, Nagpur)
- Ph.D- Computer Science and Engineering (M.G University, Kerala)

Professional Experience:

- Assistant Professor, LBSITW, Trivandrum (2015-Till date)
- Assistant Professor, LBSCE, Kasaragod (2012-2015)
- Assistant Professor, Caarmel Engineering College, Pathanamthitta (2010-2012)
- Assistant Professor, KCAET, Malappuram (2005-2008)

Recently Taught Courses:

- Mathematics for Machine Learning
- Formal Languages and Automata Theory
- Topics in Database Technology
- Soft Computing
- Constitution of India
- Life Skill

Other Responsibilities:

- Assistant Placement Officer (Jun 2021-Till date)
- Staff Advisor (2021-2025 CSE batch 2)
- Member of Question Paper Setting and Scrutiny committee of M.Tech courses for APJ Abdul Kalam Technological university
- SPOC for Tata Elxsi

Important Publications:

- Mehbodniya, Abolfazl, Raja Varma Pamba, Julian L. Webber, Rahul Neware, Farrukh Arslan, and Mohammad Shabaz. "Modified Lamport Merkle Digital Signature blockchain framework for authentication of internet of things healthcare data." Expert Systems 39, no. 10 (2022): e12978.

- Zixi Guan, Raja Varma Pamba, Bhuvaneswari Balachander, Deepak Kumar Khare, Nabamita Deb, "Retrospection of Nonlinear Adaptive Algorithm-Based Intelligent Plane Image Interaction System", Computational Intelligence and Neuro Science, March 2022, Volume 2022 | Article ID 3502830 | https://doi.org/10.1155/2022/3502830

- Pamba, Raja Varma, Elizabeth Sherly, and Kiran Mohan. "Automated information retrieval model using FP growth based fuzzy particle swarm optimization", IJCSIT , 2017, Vol.9 Issue: 1

- Pamba, Raja Varma, Elizabeth Sherly, and Kiran Mohan. " Self-adaptive frequent pattern growth-based dynamic fuzzy particle swarm optimization for web document clustering, Computational Intelligence: Theories, Applications and Future Directions .

- Evaluation of Frequent Pattern Growth Based Fuzzy Particle Swarm Optimization Approach for Web Document Clustering, Raja Varma Pamba, Elizabeth Sherly, Kiran Mohan, 2017, Computational Science and Its Applications–ICCSA 2017: 17th

International Conference, Trieste, Italy, July 3-6, 2017, Proceedings, Part I 17.

Membership in Professional Organizations

- Life member ISTE
- IEEE Member
- ACM Member

Conference/Paper Presentation:

- Reviewer - Technical Papers - ICCSC-23 [International Conference on Computational Systems and Communication- 2023]

- Coordinator – RADTASE2022 [National Conference On Recent Advances in Digital Transformation of Agriculture, Science and Environment]

- Coordinator- FDP on New Generation Data Science, Feb 2021

- Reviewer- IEEE Transactions on Emerging Topics in Computational INtelligence

- Reviewer- International Conference on Sustainable Islamic Business and Finance(SIBF 2022)

- Reviewer- International Conference on Decision and Sciences and Applications, DASA 2022
- Reviewer – National Conference on Advances in Computing and Communication Technologies, NCACCT 2020