

FACULTY VITAE



Name - Dr V.N.Raja Varman

Education

- Ph.D(CSE), Dr.M.G.R. Educational and Research Institute, 2011
- M.E(IT), Vinayaka Missions Research Foundation University, 2007
- M.Sc(CS), Bharathidasan University, 1992
- B.Sc(CS), Bharathidasan University, 1990

Academic experience:

- Worked as a **Faculty and System-in-charge in Sri Poondi Pushpam College, Thanjavur**
- Worked as a **Professor and Dean** in Dr.M.G.R. Educational and Research Institute, Chennai from 2003 till 2024.

Non-academic experience:

- Worked as a **Project Leader promoted to Operations Manager in Information Fusion Singapore Pvt. Ltd.**, Singapore from 1996 to 2000.
- Worked as a **Operations Manager in Information Fusion India Pvt. Ltd.**, India from 2000 to 2003.

Certifications or professional registrations:

- Microsoft Certified Technical Analyst(MCTA) – Software Development Fundamentals

Current membership in professional organizations

- Life time Member of The Computer Society of India (CSI).
- IAENG: Member Number: 173582
- SDIWC Member

Service activities:

- Dean Part time, Dean CSE,IT,MCA

Publications and presentations from the past Three years –

- Tamilselvi, C., Ramamoorthy, S. & Rajavarman, V.N. (2023). Ischemic Stroke Predictive Analytics Using Fusion Gradient Boosting Decision Tree Algorithm Combining Lightgbm and XGBoost in Bigdata. The Seybold Report. 18(5) p. 1899-1908. (ISSN 1533 9211 DOI 10.17605/OSF.IO/B7H8R)

- Vidhya, M., Dahlia Sam & Rajavarman, V.N. (2023). An Adaptive Thresholding and Hybrid Deep Learning Model for Rice Blast Fungal Detection using BOA & ROA Algorithm. The Seybold Report. 18(4) p. 1130-1147. (ISSN 1533-9211 DOI 10.17605/OSF.IO/TZB8R)
- Hemavathi R, Rajavarman V.N. & Ramamoorthy, S. (2023). DT-MLP Based Feature Extraction Model for Fraud And Late Delivery Prediction in SCM. The Seybold Report. 18(3) p. 379-395. (ISSN 1533 9211 DOI 10.17605/OSF.IO/EGWZU)
- Swedha M, Devendran A, Viji Vinod & Rajavarman V.N. (2023). Improving IJA Skills of Autistic Children Through Mood Prediction Using DNCNN and Wavelet Transform Algorithms. The Seybold Report. p. 338-354. (ISSN 1533 9211 DOI 10.17605/OSF.IO/QDYT3)
- Annie Sheryl S, Kevin Andrews S & Rajavarman V.N. (2023). A Short Evaluation on Differential Privacy for Privacy Preservation of Big Data With Future Research Perspectives. The Seybold Report. p. 254-263. (ISSN 1533 9211 DOI 10.17605/OSF.IO/YDGR4)
- Vidhya V, Rajavarman V.N & Kevin Andrews S. (2023). De-Noising and Optimization of Medical Images Using Deep Learning Techniques. The Seybold Report. p. 1345-1363. (ISSN 1533 9211 DOI 10.17605/OSF.IO/CJU6V)
- Venkatagurunatham Naidu, K & Rajavarman. V.N. (2023). Internet of Things Investigations and Digital Forensics Challenges. A Journal for New Zealand Herpetology. 12(2). p. 1345-1363. (ISSN 2230-5807 DOI 10.17605/OSF.IO/CJU6V)
- Swapna Pavan G, N Kanya & V.N. Rajavarman. (2023). A New Deep Learning Algorithm for Video Based Gait Based Recognition Using Hybrid Deep Convolutional Neural Networks. The Seybold Report. p. 866-880. (ISSN 1533 9211 DOI 10.17605/OSF.IO/A58GS)
- K Venkatagurunatham Naidu, Rajavarman.V.N, Ananthan.T.V & Ramamoorthy.S. (2023). Cyber Attack Detection and Prevention with IHBF-MI in IOT. The Seybold Report. p. 148- 169. (ISSN 1533 9211 DOI 10.17605/OSF.IO/487GS)
- Soundara Rajan D S, T.V. Ananthan & V.N. Rajavarman. (2023). Machine Learning Based Intrusion Detection System for Network Security Using Self-Organizing Map. The Seybold Report. p. 2163-2172. (ISSN 1533 9211 DOI 10.17605/OSF.IO/P7AD6)

- Anup Ritti., Rajavarman, V.N. & Usha, D. (2023). A Novel Approach for Hand Based Cancelable Biometric Authentication System using K-Fold Cross Validation Scheme. *The Seybold Report*. 18(4), p. 356-367. (ISSN 1533 9211 DOI 10.17605/OSF.IO/P7AD6)
- Gayathri R & Rajavarman, V.N. (2022). Video-Based Gait Analysis and Cumulative Foot Pressure Images for Human Identification in Video Surveillance Systems. *Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*. 41(10), p.198-209. (ISSN:1671-5497 DOI 10.17605/OSF.IO/NQ6P8)
- Gayathri R & Rajavarman, V.N. (2022). A Hybrid DC-LG Algorithm for improving efficiency and accuracy in predictive analytics. *The Seybold Report*. 18(4) p. 2084-2098. (ISSN 1533 9211 DOI 10.5281/zenodo.6821312)
- Gayathri R & Rajavarman, V.N. (2022). Prediction of Heart Disease using Hybrid DC-LG Algorithm. *Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*. 41(7), p.254-265. (ISSN:1671-5497 DOI 10.17605/OSF.IO/HSY7V)
- Shobana Pritha, P., Kamalakannan, T. & Rajavarman, V.N. (2022). A Systematic Review of Cloud Assisted IOT Based Vehicle Radar Progress. *The Seybold Report*. 17(12), p. 1949– 1955. (ISSN 1553 9211 <https://doi.org/10.5281/zenodo.7498793>)
- Rajavarman, V.N. & Rajiv K.M. (2022). A novel approach for early detection of COVID-19 using hybrid transfer learning method using chest X-ray images. *Jilin Daxue Xuebao (Gongxueban)/Journal of Jilin University (Engineering and Technology Edition)*. 41(7), p.254-265. (ISSN:1671-5497 DOI 10.17605/OSF.IO/WEPN2)
- Swapna Pavan, G., Kanya, N. & Rajavarman, V.N. (2021). A Review on Feature Identification and Extraction of Cumulative Foot Pressure Images. *Design Engineering*, 2021(8), p. 805.
- Krishna Kishore, P., Ramamoorthy, S. & Rajavarman, V.N. (2020). An improved bio- inspired bat algorithm for detection and prevention of HTTP Flood DDOS attack using Machine Learning Metrics. *High Technology Letters (HTL) Journal*, 26(9), p. 1340. ISSN No: 1006-6748