

**Name** : Dr. V. Jaiganesh  
**Designation** : Associate Professor  
**Department** : Computer Science  
**Qualification** : M.C.A., M. Phil., M.B.A., Ph. D.

**Experience:**

Teaching: 19 Years      Industry: Nil      Research: 13 Years

**Area of Specialization(s)** : Data Mining & Machine Learning

**Email (Official ID)** : drjaiganesh@drngpasc.ac.in

**Academic Qualifications**

Degree	Branch	Institution / University Name	Year of Graduation
Ph. D.	Computer Science	Manonmaniam Sundaranar University, Tirunelveli	2015
M. Phil.	Computer Science	Periyar University, Salem	2007
M. C. A.	Computer Applications	Salem Sowdeswari College, Salem	2001
M. B. A.	Human Resource	Periyar University, Salem	2005
B. Sc.	Computer Science	Salem Sowdeswari College, Salem	1998

**Research Guidance**

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	7
M. Phil.	5	-

**Research Publications (Indexed)**

*International*

- 1) Dr. V. Jaiganesh, **Survey on Leach Protocol in Energy Harvesting Wireless Sensor Network**, IJRAR, Volume 5, Issue 4, E-ISSN 2348-1269, P-ISSN 2349-5138, November 2018.
- 2) Dr. V. Jaiganesh, **A Survey on Academic Progression of Students in Tertiary Education using Classification Algorithms**, IJETSR, Volume 5, Issue 2, ISSN 2394 – 3386, February 2018.

- 3) Dr. V. Jaiganesh, **Improved Prediction Strategy using Particle Swarm Optimization based Ann Classifier for Malicious Node Detection for Hybrid P2P Networks**, International Journal of Artificial Intelligence in Computer Science, 2018.
- 4) Dr. V. Jaiganesh, **Analysis of Energy Efficient Clustering Algorithms for Wireless Sensor Networks**, IJSRD, Vol. 5, Issue 11, ISSN (online): 2321-0613, 2018
- 5) Dr. V. Jaiganesh, **Improved Genetic Algorithm based Feature Selection Strategy based Five Layered Artificial Neural Network Classifier**, International Journal of Engineering and Techniques - Volume 3 Issue 5, Sep - Oct 2017
- 6) Dr. V. Jaiganesh, **A Literature Review on Supervised Machine Learning Algorithms and Boosting Process**, International Journal of Computer Applications, 169(8):32-35, July 2017
- 7) Dr. V. Jaiganesh, **Dynamic and Centralized Network Intrusion Detection System for Real Time Web Applications**, IJRCM, Volume No. 6 (2016), Issue No. 07 ISSN 2231-1009, July-2016.
- 8) Dr. V. Jaiganesh, **Fast Hierarchical Relevance Vector Machine towards Network Intrusion Detection System**, IJCA, Volume 127 - No.1, ISSN: 0975-8887, October 2015.
- 9) Dr. V. Jaiganesh, **Intrusion Detection Systems: A Survey and Analysis of Security Issues**, IJARCCCE, Vol: 4, Issue: 6, ISSN (Online) 2278 - 1021. ISSN(Print) 2319- 5940, June 2015
- 10) V. Jaiganesh, **Intrusion Detection using Multiclass Batch Algorithm**, IJARCCCE, Vol.4 Issue.2, ISSN (online): 2278 – 1021, ISSN (print) : 2319-5940, February, 2015.
- 11) V. Jaiganesh, **Intrusion Detection using Neutrosophic Classifier**, IJST, Vol.2 Issue.13, December 2014.
- 12) V. Jaiganesh, **Towards Improving Reliability in Cognitive Radio Ad Hoc Networks**, International Journal of Advanced Research in Computer and Communication Engineering, Vol. 3, No. 9, pp. 7885 - 7888, September 2014.
- 13) V. Jaiganesh, **An Efficient Intrusion Detection using Fast Hierarchical Relevance Vector Machine**, Journal of Theoretical and Applied Information Technology (JATIT), ISSN: 1992 - 8645, E- ISSN: 1817- 3195, Volume No: 62, Issue No: 1, April 2014.
- 14) V. Jaiganesh, **An Efficient Algorithm for Network Intrusion Detection System**, IJCA, ISSN: 0975 – 8887, Volume No: 90, Issue No: 12-3, March 2014.
- 15) V. Jaiganesh, **Classification Algorithms in Intrusion Detection System: A Survey**, IJCTA, Volume 4, Issue 5, No.5, ISSN: 2229 – 6093, Sept-Oct 2013.

- 16) V. Jaiganesh, **An Competent Intrusion Detection System using Relevance Vector Machine**, IJCA, Volume 73– No.9, ISSN: 0975 – 8887, July 2013.
- 17) V. Jaiganesh, **An Efficient Intrusion Detection using Relevance Vector Machine**, IJCET, Volume 4, Issue 1, pp. 383-391. ISSN 0976 – 6367(Print), ISSN 0976 – 6375(Online), January- February, 2013.
- 18) V. Jaiganesh, **Intrusion Detection Systems: A Survey and Analysis of Classification Techniques**, IJARCCCE, Volume 2, Issue 4, pp. 383-391. ISSN 2319 – 5940(Print), ISSN 2278 – 1021(Online), April 2013.
- 19) V. Jaiganesh, **An Analysis of Intrusion Detection System using Back Propagation Neural Networks**, IEEE Digital Library, Feb- 2013.
- 20) V. Jaiganesh, **A Survey on Building Intrusion Detection System using Data Mining Framework**, International Journal of Computer Science and Information Security (IJCSIS), ISSN: 1947-5500, Vol. 10 No. 3, March 2012.

#### **Presentations in Conference**

- 1) **Evaluation of Data Mining Based Intrusion Detection System**, National Conference on NITAC, Bannari Amman Institute of Technology, Sathyamangalam, 14 & 15-Mar-14.
- 2) **Intrusion Detection System using Machine Learning Algorithm** , National Conference on NITAC, Bannari Amman Institute of Technology, Sathyamangalam, 14 & 15-Mar-14.
- 3) **An Analysis of Intrusion Detection System uses Back Propagation Neural Networks**, IEEE International conference on ICICES, SA Engineering College, Chennai, Feb-2013.
- 4) **Comparative Analysis of Classification Techniques for Intrusion Detection: A Survey**, International Conference on ICRTCT, Dr. N.G.P. Arts and Science College, Coimbatore, Jan-13.

#### **Participation in Seminars**

- 1) **Embedded Computing System**, ACM – Distinguished Speaker Program, Dr. N.G.P. Institute of Technology, Coimbatore, 30-Jan-13.
- 2) **Data Mining and Knowledge in Medical Data**, Amrita School of Engineering, Bengaluru, 29 & 30-Jul-11.
- 3) **Career Smartness in Computer Science (CSCS'09)**, Dr. N.G.P. Arts and Science College, Coimbatore, 19-Feb-09.

- 4) **Recent Trends in Information Technology**, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, 23-Mar-09.

#### **Participation in Workshop**

- 1) **Intellectual Property Rights and Innovations**, Dr. N.G.P. Institute of Technology, Coimbatore, 20-Aug-15.
- 2) **Research Issues in Data Mining and its Practical Approach**, D.J. Academy for Managerial Excellence, Coimbatore, 23-Feb-12.
- 3) **Open Source Tools and Data Mining Research**, Dr. N.G.P. Arts and Science College, Coimbatore, 08-Aug-09.
- 4) **Computer Hardware**, Dr. N.G.P. Arts and Science College, Coimbatore, 10 & 11-Dec-08.

#### **Participation in Faculty Development Programme**

- 1) **Quality Initiatives in Higher Education**, Dr. N.G.P. Arts and Science College, Coimbatore, 3-Dec-18 to 9-Dec-18.
- 2) **Research Issues of Data Mining in Real World**, Tamilnadu College of Engineering, Coimbatore, Dec-11.

#### **Conference / Seminar / Workshop Organized**

- 1) Committee Member, International Conference on Research Trends in Computing Technologies, Dr. N.G.P. Arts and Science College, Coimbatore, 9 & 10-Aug-18.
- 2) Treasurer, National Level Conference on Computer Communication and Information Technology, Dr. N.G.P. Arts and Science College, Coimbatore, 28-Sep-16.

#### **Editorial / Review Board Member**

- 1) Editorial Board Member, International Arab Journal of Information Technology, since 2015.
- 2) Editorial Board Member, International Journal of Research in Engineering and Technology, since 2015.
- 3) Editorial Board Member, International Journal of Computer Technology and Applications, since 2015.

**Recognition National / International**

<b>Nature of Recognition</b>	<b>Organization / Institution</b>	<b>Year</b>
Active Reviewer	Recognition and Appreciation of outstanding service in the Technical Committee of IAJIT as one of the Active Reviewers	2016,2017, 2018