

Name	<b>Dr. R. Krithiga</b>				
Designation	<b>Assistant Professor of Computer Science</b>				
Address for communication with E-Mail & Mobile No.	No: 23, Vasan Nagar, Bright School Road, Lawspet, Puducherry – 605 008 Email – kriithiga@gmail.com Mobile No. 8220202062				
Educational Qualification (from UG Level onwards)	<b>Degree</b>	<b>Institution/University</b>		<b>Month &amp; Year of Passing</b>	<b>Class/%/CGPA</b>
	B. Sc (CS)	Bharathidasan Government College for Women, Puducherry		May 2010	79.8%
	M.Sc (CS)	Pondicherry University		May 2012	9.61 CGPA
	Ph.D	Pondicherry Engineering College (Affiliated to Pondicherry University)		October 2021	-
	SET	Conducted by Bharathiar University		October 2012	-
Teaching Experience	UG:	Years: 7 Months: 5		PG:	Years: Nil Months: Nil
Research Experience/Area of Specialisation	Machine Learning, Data Mining, and Optimization Algorithms				
No. of Papers Presented in Conference/ Seminars/ Symposia	National:	1		International:	8
No. of Papers Published in Journals/Books	National:	Nil		International:	11
No. of Conference/ Workshop/ Seminars/Symposia Organized	Workshop:	2	Seminar:	5	Conference: Nil
No. of Conference/ Workshop/ Seminars/Symposia Attended	Workshop:	5	FDP:	2	Seminar: 1
Refresher course attended	<ul style="list-style-type: none"> <li>Attended the Refresher Course at Pondicherry University from 03.11.2017 to 23.11.2017</li> </ul>				
Orientation course attended	<ul style="list-style-type: none"> <li>Attended the Orientation Course at Pondicherry University from 02.11.2016 to 29.11.2016 - Attended the Refresher Course at Pondicherry University from 03.11.2017 to 23.11.2017</li> </ul>				

Details of Papers Presented in  
Conference/ Seminars/  
Symposia

- Krithiga. R and Ilavarasan. E, “A Hybrid Feature Selection based Framework for Early Prediction of Rural College Students' Academic Failure in the Introductory Courses”, Proceedings of the International Conference on Emerging Innovation in Engineering and Technology, March, 2017.
- Krithiga. R, “Essential Simulation Techniques and Models Aiding Efficient Scientific Research”, Proceedings of the International Conference on Material Science and Technology (ICMAST-2017), August, 2017.
- Krithiga. R and Ilavarasan. E, “A Survey of Feature Sets to Model Spam Profile Identification in Social Networks”, Proceedings of the 9th International Conference on Science and Innovative Engineering – 2019 (ICSIE-19), March, 2019.
- Krithiga. R and Ilavarasan. E, “A Novel Hybrid Algorithm for Spam Profile Detection in Social Networks”, Proceedings of the International Conference on Computer, Communication, and Power Engineering, (I3CPE'19), December, 2019.
- Krithiga. R and Ilavarasan. E, “Machine Learning Techniques for Spammer Identification”, Proceedings of the TEQIP-III Sponsored National Conference on Big Data Analytics for Health Predictions (NCBDAHP'20), January, 2020.
- Krithiga. R and Ilavarasan. E, “A Performance Evaluation of Classifiers to Discriminate Spam Profiles in Social Media”, Proceedings of the 8th International Conference on Contemporary Engineering and Technology (ICCET-20), March, 2020.
- Krithiga. R and Ilavarasan. E, “Analysis of Statistical Scoring methods for the identification of social spammers”, Proceedings of the 10th International Conference on Science And Innovative Engineering – 2020 (ICSIE-20), September, 2020.
- Krithiga. R and Ilavarasan. E, “Application of Filter Methods to Recognize Spam Profiles in Facebook”, Proceedings of the AICTE Sponsored International Virtual Conference on Antenna Innovations, 5G Communications and Network Technologies (ICA5NT 20), November, 2020.
- Krithiga. R and Ilavarasan. E, “Whale Optimization Algorithm Applied to Recognize Spammers in Facebook”, Springer Proceedings of 4th International Conference on Computational Vision and Bio-Inspired Computing (ICCVBIC-20), November, 2020.

Details of Papers Published  
in Journals/Books

- Krithiga. R, “QoS-Aware Web Service Selection Using SOMA”, Global Journal of Computer Science and Technology, Vol. 12 (10), pp. 47-51, 2012.
- Krithiga R and E. Ilavarasan, “A Hybrid Feature Selection Based Framework for Early Prediction of Rural College Students’ Academic Failure in the Introductory Courses”, International Journal of Pure and Applied Mathematics, Vol. 115 (6), 2017, pp. 157 – 163.
- Krithiga R and E. Ilavarasan, “A Comprehensive Survey of Spam Profile Detection Methods in Online Social Networks”, Journal of Physics: Conference Series, Vol. 1362, No. 1, Article 012111, 2019.
- Krithiga R and E. Ilavarasan, “A Reliable Modified Whale Optimization Algorithm based Approach for Feature Selection to Classify Twitter Spam Profiles”, Microprocessors and Microsystems, 2020. (In Press)
- Krithiga R and E. Ilavarasan, “A Multi-Swarm Optimization Approach for Spam Detection in Online Social Networks”, Internal Journal of Vehicle Information and Communication Systems, Vol. 6 (1), pp. 64-87, 2020.
- Krithiga R and E. Ilavarasan, “A Novel Hybrid Algorithm to Classify Spam Profiles in Twitter”, Webology, Vol. 17, No. 1, pp. 260-279, 2020.
- Krithiga R and E. Ilavarasan, “Application of an Effective Wrapper Feature Selection Technique to Classify Social Spammers”, Advances in Mathematics: Scientific Journal, Vol. 9, No. 8, pp. 5713–5730, 2020.
- Krithiga R and E. Ilavarasan, “A Survey of recent techniques for detection of spam profiles in online social networks”, Journal of Advanced Research in Dynamical and Control Systems, Vol. 11, No. 4, pp. 1256-1262, 2020.
- Krithiga R and E. Ilavarasan, “Machine Learning Techniques for Spammer Identification: State of the Art and Analysis”, Journal of Critical Reviews, Vol. 7, No. 1, pp. 446-448, 2020.
- Krithiga R and E. Ilavarasan, “Hyperparameter Tuning of AdaBoost Algorithm for Social Spammers Identification”, International Journal of Pervasive Computing and Communications, 2021 (In Press).
- Krithiga. R and Ilavarasan. E, “Whale Optimization Algorithm Applied to Recognize Spammers in Facebook”, as Book chapter in “Computational Vision and Bio-Inspired Computing”, Vol. 1318, pp. 643-652, 2020, Springer, ISBN - 978-981-33-6861-3, <https://doi.org/10.1007/978-981-33-6862-0>

Details of Conference/  
Seminars/Symposia  
Attended

- Attended a workshop on “Quality Initiatives for Enrichment of Teaching” organized by the IQAC Cell of Perunthalaivar Kamarajar Arts College, Puducherry on 24.04.2019.
- Attended a workshop on “Make and Edit Video Classes” organized by the Internal Quality Assurance Cell of Christ College, Kerala from 01.05.2020 to 05.05.2020.
- Attended a workshop on “Interactive e-content”, organized by the Women’s Polytechnic College, Puducherry from 04.05.2020 to 08.05.2020.
- Participated in a webinar on “Leveraging Higher Education towards Digital Learning” organised by Department of Computer Science, Tagore Government Arts and Science College, Puducherry.
- Attended a workshop on “Machine Learning for Data Science using Python”, organized by the Department of Computer Science and Engineering, NIT Warangal, from 01.03.2021 to 10.03.2021.
- Attended an FDP on “Innovation, Incubation, Startups & Research Challenges in India”, organized by the SRM Institute of Science and Technology, Chennai in association with The Institution of Engineers (India), from 28.06.2021 to 02.07.2021.
- Attended an FDP on “ICT Tools for Teaching, Learning, and Evaluation”, organized by Saradha Gangadharan College, Puducherry from 04.08.2021 to 06.08.2021.
- Participated in a 3 days virtual skill building workshop on “Deep Learning and its Applications” organized by the Department of Computer Science and Engineering, SRM Institute of Science and Technology, Chennai

<p>Details of Conference/ Workshops/ Seminars/Symposia Organized</p>	<ul style="list-style-type: none"> <li>• Organized a seminar on “ Recent Trends in Information Technology” on 06.10.2015 at the Department of Computer Science, Rajiv Gandhi Arts and Science College, Thavalakuppam, Puducherry – 605 007.</li> <li>• Organized a seminar on “Project Documentation and its Importance” on 11.02.2016 at the Department of Computer Science, Rajiv Gandhi Arts and Science College, Thavalakuppam, Puducherry – 605 007.</li> <li>• Organized a seminar on “Networking and Internet” on 09.08.2016 at the Department of Computer Applications, Perunthalaivar Kamarajar Arts College, Kalitheerthalkuppam, Puducherry – 605 107.</li> <li>• Organized a seminar on “Software Project Development and Documentation” on 30.01.2017 at the Department of Computer Applications, Perunthalaivar Kamarajar Arts College, Kalitheerthalkuppam, Puducherry – 605 107.</li> <li>• Organized a one-day online workshop on “G Suite for Education” on 05.08.2020 at Perunthalaivar Kamarajar Arts College, Kalitheerthalkuppam, Puducherry – 605 107.</li> <li>• Organized a webinar on “Data Science and the Future” on 08.09.2021 at the Department of Computer Applications, Perunthalaivar Kamarajar Arts College, Kalitheerthalkuppam, Puducherry – 605 107.</li> <li>• Organized a one-day online state level workshop on “Machine Learning Techniques and Applications” on 09.09.2021 at the Department of Computer Applications, Perunthalaivar Kamarajar Arts College, Kalitheerthalkuppam, Puducherry – 605 107.</li> </ul>
<p>Other relevant information, if any (Achievements, Awards, etc.)</p>	<ul style="list-style-type: none"> <li>• <b>Best Paper Award</b> received for the paper entitled “APPLICATION OF FILTER METHODS TO RECOGNIZE SPAM PROFILES IN FACEBOOK” which was presented at the AICTE sponsored International Conference on Antenna Innovations, 5G Communications and Network Technologies (ICA5NT 2020) held on 06th - 07th November 2020, organized by Department of Electronics and Communication Engineering, Velammal Institute of Technology, Chennai.</li> </ul>