

FACULTY PROFILE FOR WEBSITE		
Name	:	Dr. R. POONGUZHALI
Designation		ASSISTANT PROFESSOR(Senior Scale)
Department		COMPUTER SCIENCE AND ENGINEERING
Educational Qualification		Ph.D. CSE M.E. Software Engineering B.E. CSE
Subject of Interest	:	Database Management System, Data Mining, Natural language Processing, Machine learning
Publications :	:	<p>International Conference:</p> <ul style="list-style-type: none"> • Presented paper in International Conference on Recent Trends in Information Technology on “NOI KANIPPAAN: Nadi Diagnosing System” at MIT, Anna University Chennai, June 3-5, 2011. • Presented paper in International Conference on Advances in Engineering and Technology-2011(ICAET – 2011) on “Concept based Mining model for Text Clustering” at E.G.S. Pillay Engineering College, Nagapattinam on May 27th & 28th, 2011 and it was awarded as BEST PAPER in the conference. • Presented paper in International Conference on Advances in Engineering and Technology-2011(ICAET – 2012) on “Guilt Agent Analysis for Data Leakage Detection” at E.G.S. Pillay Engineering College, Nagapattinam on March 28th & 29th, 2012. • Presented paper in International Conference on SP-EMITS-14 on the topic “Temporal Resolution System for Event Ordering” at Sri Vidhya College of Engineering & Technology Virudhunagar on March 28th 2014. • Presented paper in International Conference on Emerging Trends in Engineering, Science & Sustainable Technologies on the topic “Detecting and Resolving Conflicts for Multi-User Privacy Management in Social Media” at Periyar Maniammai University from 27th – 30th July,2011. • Presented paper in International Conference on Emerging Trends in

	<p>Engineering, Science & Sustainable Technologies 2017 on the topic “Detecting and Resolving Conflicts for Multi-User Privacy Management in Social Media” at Periyar Maniammai University, Vallam</p> <ul style="list-style-type: none"> • Presented paper in International Conference on Emerging Trends in Engineering, Science & Sustainable Technologies 2017 on the topic “Performance Analysis of Classification Algorithms and Providing Security for Data” at Periyar Maniammai University, Vallam. • Presented paper in International Conference on Advanced Technologies in Power and Robotics Engineering” on the topic “Detection and Classification of Diabetic Retinopathy using Machine Learning” at Arasu Engineering College, Kumbakonam during 20th and 21st February 2020. • Presented paper in International Conference on Advanced Technologies in Power and Robotics Engineering” on the topic “Brain Tumor Detection using Medical Image Processing” at Arasu Engineering College, Kumbakonam during 20th and 21st February 2020. • Presented paper in International Conference on Computing, Communication & Control on the topic “Analysis on the performance of Some Standard Deep Learning Network Models for Question Answering Task” at Sai Ram Engineering College held on 28th and 29th February 2020. • Paper Published on “Temporal Question Answering System : A Survey” in Two day National Conference on Sustainable Development through Technology and Management on 10th & 11th October 2018 in Periyar Maniammai Institute of Science and Technology. • Paper Published on “Prediction of Cardiovascular disease using Support Vector Machine Algorithm” in Two day International Conference on Innovative technologies in Electronics and health care on 12th & 13th March 2019 in Periyar Maniammai Institute of Science and Technology. • Paper Published on “Home Safety and Security System” in Two
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	<p>day International Conference on Innovative technologies in Electronics and health care on 12th & 13th March 2019 in Periyar Maniammai Institute of Science and Technology.</p>
	<p>National Conference :</p> <ul style="list-style-type: none"> • Presented paper entitled “Design and implementation of Query Language for spatial Database” in National Conference on Emerging Technologies and Applications (ETA-2005) held on 1-2 October 2005 organized by Computer Science Department of Saurashtra University, Rajkot jointly with Amoghsiddhi Education Society, Sangli. • Presented paper titled “Women Empowerment” in 36th Annual Convention & National Seminar organized by ISTE & Bannari Amman Institute of Technology, Sathyamangalam from 14 to 16 Dec 2006. • Presented paper entitled “Linear Discriminant Analysis (LDA) based incremental Dimension Reduction Algorithm” in the National conference on Advanced computing Technology on 20th & 21st January 2007 organized by Dhanalakshmi Srinivasan Engg College, Perambalur. • Presented paper entitled “Fuzzy ontology Generation for Semantic web” in the National conference on Advanced computing Technology on 20th & 21st January 2007 organized by Dhanalakshmi Srinivasan Engg college, Perambalur. • Presented paper entitled “Implementation of Cryptosystem based on Elliptic curve ” in the National conference on Advanced computing Technology on 20th & 21st January 2007 organized by Dhanalakshmi Srinivasan Engineering college, Perambalur • Presented paper entitled “IDR/QR:An incremental Dimension Reduction Algorithm Using QR Decomposition” in the National conference on Information and communication Technology, NCICT 2007, Periyar Maniammai College of Technology for Women, Vallam on 8th & 9th Feb 2007. • Presented paper entitled “Fuzzy Ontology Generation for Semantic

	<p>Web” in the National conference on Information and communication Technology, NCICT 2007, Periyar Maniammai College of Technology for Women, Vallam on 8th & 9th Feb 2007.</p> <ul style="list-style-type: none"> • Presented paper entitled “Web Content Management System on Mobile Phone” in the National Conference on Computational Intelligence on 27th April 2009 at VMKV Engineering College, Salem. • Presented paper entitled “Technology Enabled Learning Environment” in 42nd ISTE Annual Convention on 20th-22nd December 2012 Organized by ISTE & Anurag Group of Institutions, Hyderabad.
	<p>Journal:</p> <ul style="list-style-type: none"> • Published in PMU Journal of Computing Science and Engineering, on the topic“High Performance Techniques for Word Replacement Attacks in Web”,Vol.1 No.2,ISSN: 0976-4240, July - December 2010. • Published article on “Survey on Machine Learning Algorithms for Prediction of Cardio Vascular Disease” in the International Journal of Research and Analytical Reviews, Vol.6, Issue 1, E-ISSN 2348-1269, P-ISSN 2349-5138, January 2016. • Published article on “Smart Home Security System” in the International Journal of Research and Analytical Reviews E-ISSN 2348-1269, P- ISSN 2349-5138, Vol.6 Issue-1, February 2019. • Published article on “Prediction of Cardiovascular Disease using Support Vector Machine Algorithm” in the Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162 Volume 6 Issue 5, May 2019. • Published article on “Data Augmentation for Crop Condition Assessment” in the Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162, Volume 6 Issue-5,May 2019. • Published article on “Temporal Question Answering System: A

		<p>Survey” in the Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162, Volume 6 Issue 6, June 2019.</p> <ul style="list-style-type: none"> • Published article on “Home Security and Automation System” in the Journal of Emerging Technologies and Innovative Research (JETIR), Volume 6 Issue 6, June 2019.
Funded Projects	:	<ul style="list-style-type: none"> • Received Rs.7500/- fund from TNSCST Student Project Scheme for the project “Prediction of Cardiovascular disease using Machine Learning Algorithm”.
Patents	:	<ol style="list-style-type: none"> 1. Patent Published: SMART MASK SHAPED MOUTHSET CAPABLE OF ENHANCING AND SYNTHESIZING SPEECH EVEN FROM LIP MOVEMENTS 2. Patent Published: A NOVEL PROPOSED AUTONOMIC ARCHITECTURE TO ENFORCE AND ASSURE SECURITY IN CLOUD ENVIRONMENTS
Awards and Achievements	:	<ol style="list-style-type: none"> 1. Received “BHARAT RATNA Dr. RADHAKRISHNAN GOLD MEDAL AWARD” for OUTSTANDING INDIVIDUAL ACHIEVEMENT IN THE FIELD OF EDUCATION in 73rd National Unity Conference organized by Global Economic Progress and Research Association (GEPRA), New Delhi on 22 February 2020 at Chennai. 2. Received “COMMENDABLE WORK AWARD” in the year 2017-2018 at Periyar Maniammai Institute of Science and Technology, Vallam 3. Received BEST NSS PROGRAMME OFFICER AWARD for the year 2009-2010 at Periyar Maniammai University, Vallam.
Google Scholar Link	:	<p>https://scholar.google.com/citations?hl=en&user=I5_8ZWAAAAAJ</p>
Contact Address	:	<p>Department of Computer Science and Engineering Periyar Maniammai Institute of Science and Technology Periyar Nagar, Vallam, Thanjavur E Mail : rampg@pmu.edu Phone No : 9790035767</p>