


## FACULTY PROFILE

Name	:	<b>Mr.S.ARUNMURUGAN</b>	
Designation	:	Assistant Professor	
Department	:	Electronics and Communication Engineering	
Educational Qualification	:	B.E.,M.Tech.,	
Experience	:	11 Years	
Subject of Interest	:	Wireless Communication Microwave Engineering Fiber Optic Communication	
Publications	:	<p>1. Published a research article (Conference Proceedings) titled "Enhanced Optimization-based Node Localization Scheme for WSN" in "Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023, 583 - 588," which has been published by "Institute of Electrical and Electronics Engineers Inc". <a href="https://ieeexplore.ieee.org/document/10192857/authors#authors">https://ieeexplore.ieee.org/document/10192857/authors#authors</a></p> <p>2. Published a Patent titled "Data Science Work Flow Execution Platform With Automatically Managed", Publication Date: 24/03/2023, Application No.202341016222 A, The Patent Office Journal No. 12/2023 Dated 24/03/2023 Pg. No. 28159.</p>	
Awards and Achievements	:	-	
GoogleScholar Link	:	<a href="https://scholar.google.com/citations?hl=en&amp;user=8toi8m8AAAAJ&amp;view_op=st_works&amp;citft=1&amp;email_for_op=arunece%40pmu.edu&amp;gmla=AOV7GLPVnHwhpAzi7Ftk-I-bMLbBYK0fFylhekIDSzEI4dfyfjFVwWc7-qV6PrSjHQo971ZoKg2tvzXzneC1zyEpHfg3UoB1qI5jy06Me2hgHIORc5XoxWSy2HVBo0bD6lvdZglqHONAiR9A5Yr1PK2bgflf1qzLSQolke66hg_JJsLkxB6R5J34WkGvIrljP-UP8rXBP7AHYf1y70JRcsEbuczG3pbUIWtheoCFa">https://scholar.google.com/citations?hl=en&amp;user=8toi8m8AAAAJ&amp;view_op=st_works&amp;citft=1&amp;email_for_op=arunece%40pmu.edu&amp;gmla=AOV7GLPVnHwhpAzi7Ftk-I-bMLbBYK0fFylhekIDSzEI4dfyfjFVwWc7-qV6PrSjHQo971ZoKg2tvzXzneC1zyEpHfg3UoB1qI5jy06Me2hgHIORc5XoxWSy2HVBo0bD6lvdZglqHONAiR9A5Yr1PK2bgflf1qzLSQolke66hg_JJsLkxB6R5J34WkGvIrljP-UP8rXBP7AHYf1y70JRcsEbuczG3pbUIWtheoCFa</a>	
Conferences/FDP/Seminars/ Workshops attended	:	<p>1. Presented a research article titled "Enhanced Optimization-based Node Localization Scheme for WSN" in "8th International Conference on Communication and Electronics Systems, ICCES 2023", held on 1-3, June 2023 at PPG Institute of Technology, Coimbatore.</p> <p>2. Presented a research article titled "A new wide-angle, low-</p>	

	<p>resolution infrared array sensor with an unique hybrid deep learning algorithm for activity detection” in 2<sup>nd</sup> International Conference on International Conference on Augmented Intelligence and Sustainable System (ICAISS 2023) held on 23-25, August 2023 at Care College of Engineering, Trichy.</p> <ol style="list-style-type: none"> <li>3. Presented a research article titled “Spectrum Aware Unequal Clustering with Route Selection Protocol for Energy Efficient Cognitive Radio Wireless Sensor Networks” in 2<sup>nd</sup> International Conference on International Conference on Augmented Intelligence and Sustainable System (ICAISS 2023) held on 23-25, August 2023 at Care College of Engineering, Trichy.</li> <li>4. Attended One weak Online Faculty Development Programme on “SPSS, R and Data Science” Organized by the Department of Mathematics, Periyar Maniammai Institute of Science &amp; Technology from 19<sup>th</sup> to 24<sup>th</sup> September 2022.</li> <li>5. Attended Online Faculty Development Programme on “Next-Gen data Plot forms” Organized by Live Wire, Thanjavur in the month of November 2022.</li> <li>6. Attended One weak Faculty Development Programme on “Emerging Techniques in 6G Wireless Communication” Organized by the Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Tiruchirappalli Campus from 4<sup>th</sup> to 10<sup>th</sup> January 2023.</li> <li>7. Attended six days Faculty Development Programme on “Enhancing the Research Papers and Usage of Research Tools” Organized by the Department of Computer Science and Applications, Periyar Maniammai Institute of Science &amp; Technology, Thanjavur from 6<sup>th</sup> to 11<sup>th</sup> March 2023.</li> <li>8. Attended One Weak Short Term Training Programme on “Recent Advancements in VLSI Modeling and IC Design” Organized by the Department of Electronics and Communication Engineering, SRM Institute of Science and Technology, Tiruchirappalli Campus from 24<sup>th</sup> to 30<sup>th</sup> July 2023.</li> </ol>
ContactAddress	<p>: Department of Electronics and Communication Engineering,  Periyar Maniammai Institute of Science &amp; Technology,  Periyar Nagar, Vallam, Thanjavur - 613 403.  E-Mail: arunece@pmu.edu  Mobile: +91-8015737083</p>