


### FACULTY PROFILE FOR WEBSITE

Name	:	S. Asha	
Designation		Assistant Professor	
Department		ECE	
Educational Qualification		B.Tech(ECE) from Bharathiyar Engineering College. M.Tech(Advanced Communication) from SASTRA University.	
Subject of Interest	:	Electronic Devices and Circuits, Mobile Communication System, Networks	
Publications :	:	<p><b>International :</b></p> <ul style="list-style-type: none"> <li>• Published a paper on a title “Improved Steganographic Technic Based On Pixel Value Differencing For Secured Data Transfer” in International Journal of Electrical, Electronics and Data Communication (IJEEDC), pp. 32-35, Volume-2, Issue-5, 2014.</li> <li>• Published a paper on a title “Implementation Of New Biorthogonal IOFDM” in SCAI-2012 Delhi by springer proceedings on May 25 to 27- 2012</li> <li>• Published a paper on a title “Performance Analysis of Fast DOA Estimation using Wavelet Denoising Over Rayleigh Fading Channel On MIMO System” in International conference on computer science Engineering and Applications(ICCSEA 2012) Delhi by springer proceedings on May 25 to 27- 2012.</li> <li>• Published a paper on a title “Fast DOA estimation using wavelet denoising on MIMO fading channel” in International conference on Communicate security and informative Assurance (CSIA 2012) delhi, India on May 2012.</li> <li>• Published a paper on a title “Fast DOA estimation using wavelet denoising on MIMO Fading channel” in IJMA on</li> </ul>	

		<p>November-2011.</p> <p><b>BOOK</b></p> <ul style="list-style-type: none"> <li>Published a book on “Networks and Security” with ISBN - 13:978-93-5577-813-0 in Charulatha publication</li> </ul>
Funded Projects	:	Received Seed Money project proposal from PMIST in 2023
Patents	:	Title of the invention: Implementation of Machine Learning (ML) based Approaches for Predictive Analysis of Biodiversity Dynamics in IOT-Based Environmental Monitoring Systems
Awards and Achievements	:	Received PMIST Extra Mile Award for two times
Conferences/FDP/Seminars/Workshops attended	:	<ul style="list-style-type: none"> <li>Presented a paper titled “Improved Steganographic Technic Based on Pixel Value Differencing for Secured Data Transfer” at the International Conference on Smart Electronics and Communication Technologies-2023 at PMIST.</li> <li>One-week FDP on “Power Electronics and Drive System” from 24<sup>th</sup> April to 28<sup>th</sup> April 2023 conducted by NITTR, Kolkata.</li> <li>FDP on “Inculcating Universal Human Values in Technical Education” organized by AICTE from 19<sup>th</sup> to 23<sup>rd</sup> September 2022.</li> </ul>
Google Scholar Link	:	-
Contact Address	:	<p>S. Asha, Assistant Professor,  Dept. of ECE  Periyar Maniammai Institute of Science and Technology  Periyar Nagar, Vallam , Thanjavur  E Mail – asha@pmu.edu  Phone No : +919789624887</p>