


<b>Name</b>	SIVASAKTHI T			
<b>Designation</b>	Assistant Professor G-III			
<b>Qualification</b>	B.E., M.E.,			
<b>Area of specialization</b>	RF and Photonics			
<b>Experience (As On Dec 2022)</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	0		12 Years +	
<b>Number of workshop / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	02		03	
<b>Publications</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	-	2	-	09
<b>Professional Body Membership</b>	ISTE(Life Member) -131474 IEEE – SPS			
<b>Remarkable Activities</b>	<ol style="list-style-type: none"> <li>1. Completed Digital Transformation Course from Singapore Management University in 2022.</li> <li>2. Completed 3 ATAL FDP Courses.</li> <li>3. Completed 12 online courses through Coursera Platform.</li> <li>4. Completed 2 online courses Udemy Platform.</li> <li>5. Completed 6 NPTEL Courses.</li> <li>6. Organizing committee member of ATAL FDP “Artificial Intelligence for Robotics” held on 7.12.2020 – 11.12.2020.</li> <li>7. Conducted a session “NBA Tier II-Criteria -3” in the AICTE MARGDARSHAN- Faculty Development Programme on 202.2020.</li> <li>8. Conducted a session “NBA Tier II-Criteria -3” in the AICTE MARGDARSHAN- Faculty Development Programme on 3.12.2020.</li> <li>9. Mentor of SIH- Finalist Team.</li> <li>10. Mentor of Internship won team.</li> <li>11. Guide of Best Mini Project won team.</li> <li>12. Class Coordinator of Gold Medal won student in Anna University Exam.</li> <li>13. ATAL Mentor of Sathya Sai Matriculation School, Cuddalore District.</li> <li>14. Conducted a session “Micro Level Analysis of CO and PO Attainment with Particular Reference to Tier –I NBA Accreditation” at Sri Sairam Institute of Technology on 25th &amp; 26th May 2022.</li> <li>15. Completed one week UHV Course (Offline) 26<sup>th</sup> July 2022 to 30<sup>th</sup> July 2022.</li> <li>16. Completed one Short Term Course on FIBER OPTICS AND OPTOELECTRONICS TECHNOLOGY from 3.2.2022 to 8.2.2022</li> </ol>			
<b>Workshop</b>	High Frequency Design Using ADS	MIT	August/2017	

<b>Attended</b>			
	<i>"Advances in Digital Image Processing &amp; MATLAB"</i>	<i>Karpagam College of Engineering, Coimbatore</i>	<i>September/2009</i>
<b>FDP Attended</b>	<i>Ec6703- Embedded And Real Time Systems</i>	<i>SSEC</i>	<i>JUNE/2016</i>
	<i>Teaching Excellence In Engineering And Management Curriculum</i>	<i>SSEC</i>	<i>JUNE/2016</i>
	<i>Ec6303-Signals And Systems</i>	<i>MIT</i>	<i>JUNE/2011</i>
	<i>FIBER OPTICS AND OPTOELECTRONICS TECHNOLOGY</i>	<i>IITDM</i>	<i>FEBRUARY/2022</i>
<b>Conference Publication</b>	<i>Suspicious Activity Detecting Camera</i>	<i>IEEE Explore</i>	<i>2022</i>
	<i>Real-Time classification of Plankton species using Convolutional Neural Networks</i>	<i>IEEE Explore</i>	<i>2022</i>
<b>Journal Publication</b>	<i>A Filterless Generation of Optical Millimeter Wave Signal Based on Frequency 16-Tupling Using Cascaded Polarization Modulators</i>	<i>IETE Journal of Research</i>	<i>2022</i>
	<i>Solvothermal synthesis of magnetically separable Co-ZnO nanowires for visible light driven photocatalytic applications</i>	<i>Physica B: Condensed Matter</i>	<i>2023</i>
	<i>A filter less method of generating frequency 32-tupling millimeter-wave using external modulators for green communications and its applications</i>	<i>Journal of Green Engineering</i>	<i>2020</i>
	<i>Radio over fiber based signal transport schemes for emerging mobile front haul networks--a review</i>	<i>Journal of Optical Communications</i>	<i>2020</i>
	<i>An efficient energy conservative protocol in wireless sensor network</i>	<i>Journal of Green Engineering</i>	<i>2020</i>
	<i>Cryptographic Based Secured Communication between Army Stations</i>	<i>UGC</i>	<i>2019</i>
	<i>Chaotic Dynamics of a Non-linear Electronic Circuit</i>	<i>International Journal of Recent Technology and Engineering (IJRTE)</i>	<i>2019</i>
	<i>Guiding System For Smart Shopping Of Visually Impaired People</i>	<i>Ilkogretim Online</i>	<i>2020</i>
	<i>Bird Repellent In Terrace</i>	<i>Elementary Education Online</i>	<i>2022</i>