



**St. Joseph's Institute of Technology**  
**St. Joseph's Group of Institutions**  
OMR, Chennai - 119



**Department of Electronics and Communication Engineering**  
(Accredited by NBA)

**FACULTY DETAILS**

<b>Staff Name:</b>	<b>Mrs. S.TEPHILLAH</b>
<b>Designation:</b>	Assistant Professor
<b>Date of Birth:</b>	19/09/1981
<b>Educational Qualification:</b>	M.E.,(Ph.D)
<b>Area of Interest:</b>	Cognitive Radio Networks , Wireless Communication , Wireless Networks
<b>Years of Experience:</b>	13
<b>Area of Research:</b>	Security in Cognitive Radio Networks
<b>No. of Students Project Guided</b>	23 UG projects and 4 PG Projects
<b>FDP Funding</b>	<ul style="list-style-type: none"><li>• <b>Sensor and its Application in Navigation System in Marine and Defense Environment</b> funded by AICTE organized by ATAL at a cost of <b>Rs.93,000</b>.</li></ul>
<b>Publications Details:</b>	<p><b>Paper Publications:</b></p> <ul style="list-style-type: none"><li>• Vehicle to Vehicle Communication for Collision Avoidance using Zigbee, International Journal of Science and Innovative Engineering &amp; Technology.</li><li>• A layer based survey on the security issues of cognitive radio networks, International Journal of Computer Science and Information Security.</li><li>• Primary User emulation Attack (PUEA) Analysis in Cognitive Network, International Journal of Emerging Trends &amp; Technology in Computer Science.</li></ul> <p><b>Conference:</b></p> <ul style="list-style-type: none"><li>• En-Route Drone for Medicine Delivery &amp; other Emergency Purposes, International Conference on Recent Trends in Engineering Technology and Management, Coimbatore Institute of Engineering and Technology, Coimbatore.</li><li>• Establishing Secured Communication in Cognitive Radio</li></ul>

	<p>Networks, 8th International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai.</p> <ul style="list-style-type: none"> <li>• Malicious node detection using minimal event cycle computation method in wireless sensor networks, IEEE Conference on 2014 International Conference on Communication and Signal Processing.</li> </ul>
<b>FDP &amp; Workshop Attended Details:</b>	<ul style="list-style-type: none"> <li>• 7 Days FDP on “Ground Breaking Technologies” by Panimalar Institute of Technology</li> <li>• One day FDP on “Data Analysis &amp; Visualisation COVID 19 using Python” at Jerusalem Engineering College</li> <li>• 5 Days FDP on “ Python 3.4.3” at Sona Engineering College</li> <li>• 5 Days FDP on “Embedded and IOT BOOTCAMP” by Mohamhmed Sathak AJ Engineering College</li> <li>• 3 Days FDP on “ SCILAB” by St.Joseph’s Institute of Technology.</li> <li>• 12 Days FDP on “Soft Computing Techniques and its Application” at Anand Institute of Higher Technology, Chennai.(AICTE SPONSORED).</li> <li>• 3 Days NPTEL FDP on “ Python in DataScience”</li> <li>• 3 Days NPTEL FDP on “ Principles of SDR”</li> <li>• 2 days Workshop on “Entrepreneurship Awareness in the Field of ICT” at B.S.Crescent, Chennai</li> <li>• 3 Days workshop on “ Hands On Training in Artificial Neural Networks using Matlab” at MIT , Chrompet</li> </ul>
<b>Professional Membership:</b>	Nil