



# 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

Staff Name	Mrs. SILVA DEENA J
Designation	Assistant Professor
Date of Birth	11/03/1991
Educational Qualification	M.Tech (Laser and Electro optical Engineering )
Area of Interest	Optical communication Communication Systems
Years of Experience	2 Years 3 Months
Area of Research	Machine Learning
No. of Students Project Guided	12
Publications Details	<ul style="list-style-type: none"> <li>Published a paper titled "Real-time based Violence Detection from CCTV Camera using Machine Learning Method" in <b>IEEE (SCOPUS INDEXED)</b> during NOV 2022.</li> <li>Published a paper titled "Sentiment Analysis using a Machine Learning Approach in Python" in <b>IEEE (SCOPUS INDEXED)</b> during March 2022.</li> <li>Submitted a paper entitled "Conflict Automation with Alloy Perception for Defense Utilization" in Arabian Journal for Science and Engineering (<b>AJSE</b>) <b>SPRINGER</b>.</li> <li>Published a paper titled "Coin Based Electronic Vehicle Charging Station " in <b>International Journal of Innovative Research in Computer and Communication Engineering</b> Vol 10 , Issue 6 , June 2022.</li> <li>Paper published in <b>IJAEEFA</b> international journal of Analytical, Experimental and Element Finite Analysis</li> <li>Paper published in <b>IJ of FAST BIOENGINEERING Journal</b> in national conference held at <b>SSN college of engineering</b></li> </ul>

<b>Patent Applied</b>	<ul style="list-style-type: none"> <li>• Title : “Embedded Sensor based Vehicle Door Locking System to Avoid Accidents”.Application Number : 20224100474</li> <li>• Title : “Scheduling of Millimeter wave (MMWAVE) and Terahertz (THZ) Communications in Cellular-Connected UAV Networks with Integrated Sensing, Communication and Control. Application Number : 202241065205</li> </ul>
<b>FDP &amp; Workshop Attended Details</b>	<ul style="list-style-type: none"> <li>•Participated in the 5 Days Faculty Development Program(FDP) on "<b>CO PO Mapping &amp; CO PO Attainment</b>" during July 10- 14 , 2023 at Sri Sivasubramaniya Nadar College of Engineering , Kalavakkam.</li> <li>•Participated in the 5 Days Faculty Development Program(FDP) on "<b>Innovative VLSI Physical Design Using Innovus System Design</b> “ during Jan 9- 13 , 2023 at SIMATS School Of Engineering , Thandalam.</li> <li>•Participated in the 5 Days Faculty Development Program(FDP) on "<b>Embedded System Design using Intel Soc FPGAs</b>" during Feb 1- 5 , 2022 at Sri Sivasubramaniya Nadar College of Engineering , Kalavakkam.</li> <li>•Participated in One Week National Level Online Faculty Development Program(FDP) on— "<b>Recent Trends in Artificial Intelligence, IOT, and Data Analytics</b>" organized by the Department of Computer Science &amp; Engineering of Shri Vishnu Engineering College for Women(A) from 9-13, February 2022.</li> <li>•Completed 12 weeks Faculty Development Program (FDP) on “<b>Cloud computing</b> ”— Organized by NPTEL-AICTE during Jan –April 2022.</li> <li>•Participated in the One week Faculty Development Program(FDP) on "<b>Recent Trends in 5G Communication, Design and Technologies</b>" during July 5- 9 ,2022 at RAJALAKSHMI Engineering College , Chennai.</li> <li>•Participated in the 3 Days Faculty Development Program(FDP) on "<b>Internet of Things(IoT) and Cloud Interface</b>" during Nov 21- 23 , 2022 at St.JOSEPH’S Institute Of Technology” , Kalavakkam.</li> <li>•Participated in the Two Day International Workshop on “<b>Current Trends and Future Directions in Underwater Communication Explore the unseen v4.0</b>” organized by the department of ECE, Sri Sivasubramaniya Nadar College of Engineering, Chennai during 17-18 Feb 2022.</li> <li>•Participated three days International Level Workshop on <b>NANOPHOTONICS</b> held at College of Engineering, Anna University Chennai.</li> </ul>