COLLEGE OF ENGINEERING PERUMON	
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	

FACULTY PROFILE

Name of the Faculty	JENNY PATRICK	
Designation	Assistant Professor	
Mobile Number	9995457108	
Email ID	jenny.patrick43@gmail.com	

Educational Qualifications

Degree	Specialization	University	Year
M.Tech	Signal Processing	CUSAT	2016
B.Tech	ECE	CUSAT	2014

Professional Experience

Designation	Institution	Period
Assistant Professor	College Of Engineering Perumon ,Kollam	14-10-2022 to Present
Junior Developer	Diginest Solutions, Nila Building, Techno- Park, phase-1 Trivandrum	27-07-2022 to 13-10-2022
Junior Software Trainee	Logiprompt Techno Solutions India Pvt Ltd, Trivandrum	03-01-2022 to 30-06-2022
Assistant Professor	Bishop Jerome Institute ,Kollam	11-01-2018 to 6-06-2018
Teacher (Mathematics)	Preshitha Matha ICSE School, Kollam,	3-06-2017 to 10-01-2018

Areas of Interest	Signal Processing, Digital Communication
	Image Processing

Courses Taught	
	Microwaves and Antenna, Electromagnetics, Analog and Digital Communication, Digital Communication, Modern Communication Computer Organization and Architecture, Basics of Electrical and Electronics, Management for Engineers, Life Skill, Professional Ethics.

Papers Published	"A Semi-Automated Technique for Vertebrae Detection and Segmentation from CT Images of Spine" for the International Conference on Communication Systems and Networks (ComNet 2016)in association with IEEE organized at Mar Baselios College of Engineering & Technology – MBCET, July 2016.(http://ieeexplore.ieee.org/abstract/document/7823984/)	
	"Level Set Based Segmentation in Spine CT Images Using Random Contour Initialization" in the journal International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Vol.4, Issue 4, April 2016.	

Academic Achievements	CUSAT university 10th Rank in the M.Tech Degree examination in Electronics and Communication Engineering with specialization in Signal Processing in the year 2016.
	Won merit award from TKMIT Alumni Association for Department topper in M.Tech Electronics with specialization in Signal Processing in the year 2016.
Academic/Professional Outreach Activities	Tutor (2021-2025 Batch)
	District Level Evaluator YIP6.0 organized by K-DISC
Training Program /FDP/Short Term Course/ Workshop	1. Six days online FDP "Artificial Intelligence in Electric Vehicles" organized by Department of EEE, College of Engineering, Perumon 02/12/2024 to 7/12/2024 2.Six days online FDP "Gen AI Tools and Techniques" organized by Department of Computer Science and Engineering, Madanapalle Institute of Technology and Science in association with CSI Nov 11 2024 to Nov 16 2024. 3. Two day workshop on Machine Learning For Beginners, organized by AI, TKMCE 06/04/2024 to 07/04/2024 4.Hands on FDP "Introduction to SDR" organized by Bishop Jerome Institute 23/02/2024 5. Six days online FDP "Control of Robotics Systems: Research Trends and Challenges" organized by Department of EEE, College of Engineering, Perumon 05/02/2024 to 10/02/2024
	1. Three days online FDP "Recent Trends in Photonics" organized by Department of ECE, College of Engineering, Perumon 22/03/2023 to 24/03/2024. 2. Six days online FDP "Data Analytics for the new Industrial era: Application of ML in Industry 4.0" organized by Department of Computer Science and Engineering, TKMCE 23/1/2023 to 28/1/2023.
	1. One day workshop on " Electric Mobility: Storage And Management" organized by Department of EEE, College of Engineering, Perumon 14/12/2022
	1.Completed the Internship Program at Logirompt Techno Solutions, Sept 2021 to Dec 2021
	1. Participated in 2 days workshop on Android organized as a part of FTP at Bishop Jerome Institute, Kollam 1 -2 March 2018. 2. Participated in two days workshop on Latex organized by the dept. of ECE and IEEE student branch, TKMIT 30-31 March 2015. 3.Summer Industrial Training in Basic Telecom Technology (BSNL Kollam).06/05/2013 to 18/05/2013