Ms.P.Poornima	
Designation:	**Assistant Professor**
Qualification:	**M.E., Ph.D (Pursuing)**
Area of specialization:	Applied Electronics

Experience : (As On DEC 2021)	**Industrial Experience**		**Teaching Experience**	
	-		5.9 Years	

Number of workshop / FDP attended:	**Number of Workshops**		**Number of FDPs**	
	3		16	

Publications:	**Conference**		**Journal**		
	National	**International**	**SCI**	**Scopus**	**Others**
	1	2	-	2	3

Patents:	**National**	**International**
	-	-

Professional Body Membership:	**ISTE-LM 122013** **IAENG**
Staff Achievements:	• Delivered guest lecture in the six days FDP titled "**Powering IoT using Raspberry Pi or Arduino**" organized by the Department of ECE, CEG campus, Anna University in 2023. • Participated in Smart Hackathon-2017 Finale.

Workshop Details:	Sl. No.	Title	Venue	Month/Year
	1.	5G Design Workshop : Circuit Design using ADS	Elmack Technologies	15/2/2021 to 19/2/2021
	2.	Research Scholars' Colloqium	SSN college of Engineering ,Chennai	21/08/2019
	3.	Writing Scientific Research Paper–Phase VI	SSN College of Engineering, Chennai	24/08/2018
FDP Details:	Sl. No.	Title	Venue	Month/Year
	1.	Statistical Analysis with Excel	Research Foundation of India	05/06/2023 to 09/06/2023
	2.	Powering IoT using Raspberry Pi or Arduino	Department of ECE, College of Engineering, Anna University	30/01/2023 to 04/02/ 2023
	3.	AI & ML in next generation communication technologies	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology	25/08/2022 to 04/09/2022
	4.	Neuromorphic Computing for AI	AICTE- ISTE Refresher/Induction Programme	24/12/2021 to 31/12/2021
	5.	Advances in Control systems & sensor Technologies	IIIT Pune	27/11/2021 to 01/12/2021
	6.	Cognitive radio, Antennas and millimetre wave communication	Saranathan College of Engineering	07/06/2021 to 11/06/2021

	7.	EC8351 – Electronic Circuits I	MIT, Anna University	24/05/2021 to 29/05/2021
	8.	Lab on Chip	SRMIST kattankulathur – ATAL sponsored	18/01/2021 to 22/01/2021
	9.	5G and beyond Wireless Technologies : Modelling and Simulations using MATLAB	TEQIP III sponsored short-term course, IIT Indore	24/12/2020 to 26/12/2020
	10.	National Seminar on Cyber Security	VIT, Chennai	21/12/ 2020 to 22/12/2020
	11.	Inculcating Human values in Technical Education	AICTE	14/12/2020 to 18/12/2020
	12.	Research Methodologies Using recent Tools and techniques	A.V.C college of Engineering	20/06/2019 to 22/06/2019
	13.	Cyber security threats - Conclave	SSN College Of Engineering	27/02/2018 to 28/02/2018
	14.	IoT- Application Development using Raspberry Pi	A.V.C College of Engineering	16/11/2017 to 18/11/2017
	15.	EC6402- Communication Theory	MRK Institute of Technology (Anna university sponsored)	1/12/2016 to 7/12/2016
	16.	MATLAB and its applications	Parisutham Institute of Technology and Science.	August 2016

Publication Details:

1. Research article titled "Machine Learning based Spectrum Prediction in Cognitive Radio Networks" is published in IEEE xplore as conference proceedings in *2023 International Conference on Networking and Communications (ICNWC)*, Chennai, India, 2023, pp. 1-6, DOI: 10.1109/ICNWC57852.2023.10127512.

2. Paper entitled "Optimization of sensing time in cognitive radio networks based on Localization Algorithm", Volume 39, January -2020, Lecture Notes on Data Engineering and Communications Technologies series, Springer.

Conference Details

1. Presented paper titled "Machine Learning based Spectrum Prediction in Cognitive Radio Networks" in the International Conference on Networking and Communications (ICNWC 2023), organized by SRMIST Kattankulatur, Chennai.

2. Presented paper titled "optimization of sensing time in cognitive radio networks based on Localization Algorithm" in the International Conference on Sustainable Communication Networks and Applications (ICSCN 2019) organized by Surya Engineering College on 30-31 July 2019.

3. Participated in the "International conference on Acoustics, Speech, and Signal Processing , ICASSP-2020", from 4th May 2020 to 8th May 2020.

Online Courses details

Sl. No	Title	Certification Authority	Month/Year
1	MATLAB programming for Numerical Computation (NPTEL)	IIT-M	January – March 2021 (8 weeks)