Ms.SURYA S					
Designation:	**Assistant Professor**				
Qualification:	**M.TECH, Ph.D (Pursuing)**				
Area of specialization:	**COMMUNICATION SYSTEMS**				
Experience : (As On DEC 2021)	**Industrial Experience**		**Teaching Experience**		
	-		**9.2Years**		
Number of workshop / FDP attended:	**Number of Workshops**		**Number of FDPs**		
	1		**6**		
Publications:	**Conference**		**Journal**		
	National	**International**	**SCI**	**Scopus**	**Others**
	-	**3**	**-**	**2**	**6**
Patents:	**National**		**International**		
	1 Published		**-**		
Professional Body Membership:	**IEEE 98066224** **ISTE-LM87084**				

Staff Achievements:	Received the Best Paper Award from ICPECTS 2022 for the paper, "A Low Cost QuArm Band for Controlling Contagious Diseases".		
	Topper cum Elite NPTEL online certification for the course Industry4.0 IoT during JUNE-DEC 2022.		
	An Award of honour and recognition for publishing a book chapter in the record event "maximum authors contributing for a book on covid 19 and its impact" by ESN Publications.		

Workshop Details:	Sl. No.	Title	Venue	Month/Year
	1.	Recent Trends in Antennas for Multifield Applications	Sri Sairam Engineering College, Chennai.	December 2012
	2.	Faculty Industrial Training Program	GH Induction Private Limited, Thirumudivakkam	27th June to 1st July, 2022

FDP Details:	Sl. No.	Title	Venue	Month/Year
	1.	5G Antenna Design with AIML Applications using HFSS	St. Martin's Engineering College, Dhulapally, Secunderabad.	27-28 May 2022
	2.	Industry4.0 IoT	NPTEL – AICTE	July-Oct, 2022
	3.	Electromagnetic waves in Guided and Wireless Media	NPTEL – AICTE	Feb-Apr 2021
	4.	Recent Advances in Antennas for	Bapatla Engineering College, Andhra	27-31, July 2021

		Wireless Communications	Pradesh	
	5.	Inculcating Universal Human Values in Technical Education	AICTE Online FDP	17-21, May 2021
	6	Internet of Things	ATAL Academy Online FDP at Kongu Engineering College	21-25, Dec 2020
	7	Green Technology & Sustainability Engineering	ATAL Academy Online FDP at St. Joseph's Institute of Technology	14-18 Dec,2020
	8	IoT	Shri Sant Gajanan Maharaj College of Engineering, Shegaon	5-9 Oct, 2020
	9	Wireless Networks	Sri Sairam Institute of Technology	December 2018
	10.	Engineering Teaching Pedagogy and Effective Learning Process	Sri Sairam Engineering College, Chennai.	December 2018
	11.	Optical communication & Networks	Sri Sairam Engineering College, Chennai.	June 2017
	12.	Teaching excellence in Engineering & management Curriculum	Sri Sairam Engineering College, Chennai.	June 2016
	13.	Peer to peer Systems	Dhanalakshmi College of Engineering, Chennai.	July 2011

	14.	Soft Computing With AI	Sri Sairam Institute of Technology	March 2011

Publication Details:

1. Vishnu MS S.Surya , Vedanarayanan SR , Hrithik Kumar V, "Poultry Management System with detection of sicK broilers", International Journal of Engineering Technology and Management Sciences, DOI:10.46647/ijetms.2022.v06i04.0040

 2. S Surya, M Kanthimathi and B Rajalakshmi, "Performance analysis of multiuser MIMO OFDM systems incorporating feedback delay and feedback error ", Journal of Physics: Conference Series, doi:10.1088/1742-6596/1921/1/012012.

3. B.Rajalakshmi, S.Surya , "Voltage and Other Parameters Monitoring System Using Android Mobile Application", International Journal of Scientific Research & Engineering Trends, Volume 7, Issue 4, July-Aug-2021.

4. B. Rajalakshmi and S. Surya, "Power Generation Using Piezoelectric Material", International Journal of Recent Advances in Multidisciplinary Topics *IJRAMT*, vol. 2, no. 7, pp. 249–252, Jul. 2021.

5. S.Gayathri , K.Jeyapiriya, J.Prakash, S.Surya, "Hybrid facial test for encephalopathy**"** Materials Today: Proceedings, available online 16 February 2021.

Conference Details

1. Presented a paper titled **"**Electronic Nose System for protecting workers in sewage system", in International Conference on Artificial Intelligence and Smart Energy, Feb 2022.

2. Presented a paper titled **"**Energy efficient spatial modulation for WSN", in International Conference on Communication, Computing and IoT, March 2022.

Online Courses details

Sl. No	Title	Certification Authority	Month/Year
1	Industry4.0 and IoT	IITK (NPTEL)	July-Oct 2022 (12 weeks)
2	Fundamentals of Network Communication	University of Colorado (Coursera)	Oct 21,2020
3.	Introduction to the Internet of Things and Embedded Systems	University of California, (Coursera)	June 21,2020
4.	The Sustainable Development Goals – A global, transdisciplinary vision for the future	University of Copenhagen (Coursera)	June 14, 2020
5.	Introduction to Python	Coursera Project Network	June 14, 2020
6.	Support Vector Machines with scikit-learn	Coursera Project Network	June 14, 2020
7.	Support Vector Machines in Python, From Start to Finish	Coursera Project Network	June 14, 2020
8.	Image Compression with K-Means Clustering	Coursera Project Network	June 14, 2020
9.	Introduction to Project Management	Simplilearn	Apr 18,2020
10.	Arduino step by step	Udemy	March 30,2020
11.	Introduction to IOT	Simplilearn	Apr 7,2020
12.	Analog Circuits	NPTEL	Feb-March 2018