

Name	P.MOHANA SUNTHARI			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	COMMUNICATION SYSTEMS			
Date of Joining (KSR IET)	01-06-2018			
Experience (as on 01.03.2023)	Teaching: 5 year	Industry:-	Others: -	
Number of Papers Published	National Journals : -		International Journals : 01	
Number of Papers Presented	National Conferences : 02		International Conferences : 04	
Books Published	National Publisher : -		International publisher : -	
Contact Details	E Mail: mohanavctwece@gmail.com Mobile: 9489871687			

Publications (International Journals)

1. P.Mohana Sunthari & R.Veeramani, “Multiband Microstrip Patch Antenna for 5G Wireless Applications using MIMO Techniques”, **CIIT international Journal**, May 2017.

Publications (National Journals) Nil

Publications (International Conferences)

1. “Design And Optimization Of High Gain Multiband Microstrip Patch Antenna For Lora Wan Applications” at International Conference on Challenges and Opportunities for Innovation in New Normal Scenario.
2. “A Compact Multiband Self Isolated Antenna for 5G mm wave Application using MIMO Technique” at 6th International E-Conference on Latest Trend in Science, Engineering and Technology
3. “Multiband Microstrip Patch Antenna for 5G Wireless Applications using MIMO Techniques” at Karunya University during **IEEE International Conference on ICRAAE 2017**.

4. **“Microstrip Circular Patch Antenna for WiMAX and WLAN Application”** at Sri Ranganathar Institute of Engineering and Technology during **International Conference ICARTE-2015**.

Publications (National Conferences)

1. **“Microstrip Circular Patch Antenna for WiMAX and WLAN Application”** at J.K.K.Munirajah college of Technology during **National Conference EMICA-2015**.
2. **“Microstrip Antenna Array for WiMAX and WLAN Application”** at Vivekanandha College of Technology for Women during **NCSSWC-2014**.
3. **“Smart and Web based Health monitoring system using Arduino UNO”** at Cheran college of Engineering during **CEIET-2019**.

ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Grade
1.	WIRELESS AD HOC AND SENSOR NETWORKS (Jan – Apr 2017).	NPTEL & SWAYA	Jan - Mar 2017	44
2.	ANTENNAS	NPTEL	Jan – Apr 2017	56
3.	ANTENNAS	NPTEL	Jan – Apr 2018	56
4.	ADVANCE IN FOREST REMOTE SENSING	ISRO	Mar 5-13 2019	COMPLETED
5.	OUTCOME BASED EDUCATION	NPTEL	October 2022	ELITE
6.	TEACHING AND LEARNING IN ENGINEERING	NPTEL	APRIL 2023	ELITE

Programmes Attended (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organized by	Period
1.	FDP on “Antenna and Microwave Engineering”	FDP	Ramco Institute of Technology, Rajapalayam	6 Days

2.	FDP on “Recent Trends in 5G Communication, Design & Technologies	FDP	Rajalakshmi Engineering College in association with IEEE Student Branch-REC, IETE and Institution Innovation Council	5 Days
3.	Workshop on “5G NOMA Communication	Workshop	CVR COLLEGE OF ENGINEERING ,Telanagana	2 Days
4.	Webinar on “Latest Research in Nano-Composites, Computational Physics, Cybersecurity, Network Communication & Data Privacy”	Webinar	EduCare, Taiwan with NSYSU, Taiwan	1 Day
5.	STTP on “Research Trends in Antenna Design and Beyond Applications”	STTP	IEEE Student chapter at CARE College of Engineering	2 Days
6.	Recent trends about a dielectric antenna for real-time applications	Webinar	Saveetha Engineering College	1days
7.	Online STTP on Blooms Taxonomy - Higher Order Thinking skill in Electronics and Communication Engineering	FDP	Saveetha Engineering College	5days
8.	Outcome Based Education & Assessment of CO-PO Attainment	Workshop	KSRIET	1day
9.	Recent Trendy Antenna Design and Analysis using EM Solver”	FDP	Wilma Communications	5days
10.	"Recent Trends in Antenna and Microwave Technology"	STTP	CARE College of Engineering,	4days
11.	Recent Trends in wireless communication and 5G Technology	FDP	Narasus Sarathy Institute of Technogy	5days
12.	Advanced Antenna's Design for 5G MIMO with CST Studio Suite 2022 & Antenna Magus	Webinar	Kongu Engineering College	1days
13.	Recent Trends about Dielectric Antenna for Wireless Communication-Real-Time Applications	Hands-on Training	Saveetha School of Engineering	1days

14.	Faculty Induction Programme Phase 2	FDP	Teaching and Learning Centre, IIT Madras	12days
15.	Faculty Induction Programme Phase 1	FDP	Teaching and Learning Centre, IIT Madras	8days
16.	How to write a research paper	Seminar	KSRCT	1 day
17.	J-Gate –An Electronics Gateway for Research	Workshop	KSRCE	1 day
18.	Think Create Engineers	Workshop	PALS-IIT Madras	4 Days
19.	How to write a successful project proposal for funding agencies	Seminar	K.S.R CT	1 day
20.	Research issues and challenges in MIMO-OFDM for wireless communication	Seminar	BIT	1 day
21.	Advanced Antenna Design Using MATLAB and HFSS	Workshop	Kongu Engineering college	2 days
22.	Antenna Design and Simulation using ANSYS HFSS	Workshop	K.S.R CT	1 day
23.	Antenna Design and Analysis using CEM Simulation tools	Workshop	KSRIET	1 day
24.	Internet of Things	Workshop	KSRCE	2 days
25.	Network Simulator-2	Workshop	KSRCE	1 day
26.	Linear Integrated Circuits and Applications Lab	Workshop	CIET	1 day
27.	Design of Robotics with Embedded System	Workshop	SNSCE	1 day
28.	Embedded system	Workshop	BIT	1 day
29.	MatLab/Simulink for Communication Engineer	Workshop	VCTW	2 days
30.	Microstrip Patch Antenna Design using ADS tool	Seminar	Karpagam College of Engineering,Coimbatore	1 day
31.	Emerging Tools to Analyse Brain Wave for Artificial Limb Technology	Seminar	KSRCE	1 day
32.	Exploring the Impact of Wireless Communication in Health Care	Seminar	SriRamakrishna Engineering College	2 days

Membership in Professional Bodies

- IET

Subject Links

RF AND MICROWAVE ENGINEERING

MICROWAVE NETWORK THEORY
RF AMPLIFIERS AND MATCHING NETWORKS
PASSIVE AND ACTIVE MICROWAVE DEVICES
MICROWAVE GENERATION
MICROWAVE MEASUREMENTS

ANTENNA AND WAVE PROPAGATION
UNIT 1 TO 5