



Mrs MEENA KUMARI MULAPARTI

Associate Professor

**Department of Electronics & Communication Engineering
Raghu Engineering College, Dakamarri-531162, Andhra Pradesh
India**

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Interests:- Textile Antennas

Courses Taught Previously

UG

- Analog and Digital Communications
- Electronic Devices and circuits
- Electronic Circuit Analysis
- Pulse and Digital Circuits
- Analog Communication
- Satellite Communications
- Optical communications
- Digital Communication
- Linear IC Applications
- Cellular and mobile communications
- VLSI
- Electronic Measurements and Instrumentation

Laboratories Handled

- Analog and Digital communications Lab
- Analog Communication Lab
- Electronic Circuit Analysis Lab
- Pulse and Digital Circuits Lab
- Microwave and Optical Communications Lab
- Digital Communication Lab

- Linear IC Applications Lab
- BEEE Lab

Publications:

1) **On Body and Off-Body Performance Analysis of an Ashoka Tree Shaped Wearable Textile Antenna for Biomedical and Military Applications**, [Radio Science](#)

2) **Circularly Polarized Microstrip Patch Antenna Using PBG Structures**, *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* ISSN: 2278-3075, Volume-8 Issue-6, April 2019

3) **Design of Textile Microstrip Patch Antenna for Aero nautical & X Band Applications**, *International Journal of Electronics Engineering* (ISSN: 0973-7383) Volume 10 • Issue 2 pp. 681-684 June 2018-Dec 2018

4) Design of 4-bit Carry look Ahead Adder with Logic Gates and Cells, *International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)* Volume 7, Issue 1, January 2018, ISSN: 2278 – 1323

5) **Innovative Design of CMOS 8-bit comparator using conditional tracking for low area**, *International Journal of Advanced Research in Computer Engineering & Technology* Volume 06, Issue 11, November 2017

6) **Area-Power Efficient Design of GDI 2-Bit Magnitude Comparator in 130 nm Technology by Logic Minimization**, *International Journal for Research in Applied Science & Engineering Technology (IJRASET)* ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor:6.887 Volume 5 Issue XI November 2017

7) **Study and analysis of a routing in vehicular Ad Hoc Networks**, *International Journal of Engineering Sciences & Research Technology*

STTPs Attended:

S.No	STTP	Place	Period
1	Recent Trends in Antenna and Microwave Technology	Care college of Engineering	7-10 June 21
2	Electromagnetics, Microwave RF & Antenna Design using Ansys HFSS	Sri Vishnu Engineering College for Women	21-26 September 20
3	Antenna Design and Analysis using Mathematical Solvers	Aditya Institute of Technology and management	27 July 1 Aug 20
4	Design and Simulation of miniature Antenna for IOT Applications	MVGR College of Engineering	29June to 4 July20

FDPs Attended:

S.No	FDP	Place	Period
1	Inculcating Universal human values in Technical education	AICTE online	12-16July21
2	Wearable Devices and antenna technologies for IOT ,mobile and telemedicine Applications	Saveetha School of Engineering	5-9 July 21
3	Outcome Based education	Kallam Haranadha Reddy Institute of Technology	21-25 June21
4	Flexible and Wearable Antennas: Recent Advancements, Fabrication Techniques and Applications	ATAL academy	12-16/10/20
5	Wire antennas Design, analysis and optimization using 4NEC2X	IEEE	3-7Aug20
6	Modelling Measurement and Research Trends in Microstrip Patch Antenna	Vignan 's Institute of Management and Technology	20-25 July 20
7	Antenna Design Techniques and Software simulations using HFSS	NITTR Chandigarh	13-17 July
8	Satellite Photogrametry and its Applications	IIRS	29June3July 20
9	Recent Trends in RF and its Applications	IEEE Rajasthan	26-30 June 2020
10	RF Design VNA and its Applications	Entuple Technologies	16-18 June 20
11	Microstrip Antenna design fundamentals and practical implementation of triple band antenna for 5G wireless applications using ANSY HFSS	Rise Krishna Sai Gandhi Group of Institutions	4/620 to 6/6/20
12	Artificial Intelligence	Chalaphthi institute of Technology	24-29 May 20
13	Advanced antenna design using HFSS	Santhiram Engineering College	12-17 May20
14	Microstrip antennas for Advanced Wireless Communications	Kallam Haranadh Reddy Institute of Technology	15-16 May 2020
15	Microwave Theory and Techniques	NPTEL	10 days
16	Completed credit course in "Research methodologies"	JNTUK	1-17th May 2019
17.	Attended FDP on "Antennas"	Online	2 weeks 2019
18	"Real Time Embedded Systems and IOT, its Applications" conducted by E&ICT NIT Warangal	Department of ECE ,RIT	2-8 th June 2018

19	“Advances in Practical Antenna design” conducted by E&ICT NIT Warangal	Department of ECE ,RIT	25-30 th May 2017
20	“Signal processing for Communications” conducted by E&ICT NIT Warangal	Department of ECE ,NIT Warangal	4-8 th January 2016
21	“Soft Computing using Sci-Lab through ICT”conducted by Educational television Centre	REC	21-25 th July 2014
22	“Pedagogical Training”	REC	11-23 th November 2013

Webinars Attended

S.No	Webinar	Place	Period
1	Optimetrics using HFSS	Entuple Technologies	9 July 2021
2	Modelling and simulation using HFSS	Entuple Technologies	5 July 2021
3	Research Avenues in microwave technologies	Kumaraguru college of Technology, Coimbatore	28-30 June 21
4	Design and simulation of microstrip Antenna with RF components and connectors using pathwave ADS	Dr Mahalingam College of Engineering and Technology, Polachi	16 June 21
5	Research Journal Finding and reference management through web science and scopus- resrach management	NSRIT	5 June 21
6	Innovation in Antenna Design and Analysis	Altair	9July 20
7	Everyone can do quality Research	Knowledge Institute of Technology Talk 1 to 5	4 July 20
8	Managing References in a research article using Mendeley	Vishnu Institute of technology	26 June 20
9	Transformation of 5G and WiFi 6	Loyola Institute of technology	25 June 20
10	Introduction to RF design and Applications	Rajyalakshmi Engineering College Chennai	23 June 20
11	Reconfigurable Antennas	Narasaraopet engineering college	26 May 20

Workshops Attended:

S.No	Workshop	Place	Period
	Design and simulation of miniature antennas using machine learning for IOT Applications	MVGR College of Engineering, Vizianagaram	5-10 June 2023
1	Meta Materials and its Applications in HFSS	IIIT Bhagalpur	27-31 January 2021
2	Meta Materials and its Applications	IEEE	27-31 July 2020
3	Quality enhancement in curriculum design and Development for Higher Education Institutions	REC	29-30 Nov 2018
4	Keysight Education Symposium 2018	Keysight technologies and synergy measurement technologies	26 Oct 2018
5	“Crux of writing Journal Papers, Research Project Proposals and patents”	REC	27-28 th April 2017
6	“Basics of Matlab”	Department of ECE,REC	19-20 th April 2017
7	WOLTEC-11,	MVGR College of Engineering Vizianagaram	22 and 23 th Dec-2011
8	Workshop on Digital Communications Laboratory	MVGR College of Engineering Vizianagaram	1 st July2012

Seminars Attended:-

SNo	Seminar	Place	Period
1.	“Seminar on Smart Sensors and Systems”	Department of Instrument Technology,AU	8-10 th Dec2015
2.	Participated in Entrepreneurship Awareness Camp	RIT	20-22 nd Jan 2014

Nptel Courses

- Microwave Theory and Techniques
- Antennas
- Fiber Optic Communication Systems and Techniques
- Electromagnetic waves in guided and wireless media
- Digital circuits
- Microprocessors and Microcontrollers-

Additional Responsibilities Handled

- 1) **Girls hostel incharge**
- 2) **Department Library**
- 3) **Department newsletters and magazines**
- 4) **Class incharge**
- 5) **Mentoring**

Professional Membership:

ISTE(Indian Society for Technical Education)

Other Achievements

- 1) Gave a guest Lecture on Satellite Communications in Gonna Institute of technology
- 2) Ratified from JNTUK in 2013
- 3) Qualified in Gate twice with 81.6 percentile in 2005
- 4) Qualified APRCET

M.Meena kumari