Name	Mrs. M.Usha Rani
Designation	Associate Professor
QualifDeep Learning / Data Structure and Algorithmication	M. Tech
Professional Exp.	9 Years
Research Interests	VLSI

Designation	:	Associate Professor
Years of Experience	:	9
Email Id	:	usha.rani1991@gmail.com
Employment Status	:	Full Time - Ratified by JNTUH
Areas of Research	:	VLSI
UG Degree	:	B. Tech (Electronics and Communication Engineering)
PG Degree	:	M. Tech(ELECTRONIC INSTRUMENTATION)
Registration Number	:	40150404-140928
Ph.D	:	Part time in OU

Subjects Taught:

    1.Switching theory and logic design

    2.Linear and Digital Integrated Circuits

No. of publications in International journals: 17

S.No	Title	Name oF The Journal	Issue Details
1.	**Shielding Effect Analysis of Em Waves for Oblique Incidence in Double Shields**	**IOSR-JECE**	**Volume 10, Issue 6, e-ISSN: 2278-2834,p- ISSN: 2278-8735**
2.	**Array of Slot Coupled H-Plane Tee Junctions in Non-Standard Rectangular Waveguide**	**IJERT**	**ISSN: 2278-0181 Vol. 4 Issue 11, November-2015**
3.	**Studies on Effect of Waveguide Dimensions on**	IOSR-JECE	**Volume 10, Issue 6 e-ISSN: 2278-2834,p- ISSN: 2278-8735**

	Resonant Frequency of Shunt Tee Junction		
4.	RF Optimization of GSM Networks Using Antenna Parameters	IJASTEMS	Volume.3,Issue.6,June2017
5.	Influence of Slot width of Inclined Slot Coupled Waveguide Shunt Tee on Resonant Frequency	International Journal of Research	e-ISSN: 2348-6848 p-ISSN: 2348-795X Volume 04 Issue 09 August 2017
6.	Variation of Electromagnetic Properties of Soils Over Frequency Range of 1 MHz to 10Mhz	IJIRSET	Vol. 9, Issue 1, January 2020
7.	Analysis of SAR in Human Blood, Bones and Muscles due to Mobile Waves at 900MHz,1800MHz and 2400MHz	International Journal of Applied Engineering Research	ISSN 0973-4562 Volume 13, Number 5 (2018)
8.	AUTONOMOUS FIRE FIGHTING VEHCILE	IJRMETS	Volume:04/Issue:06/June-2022
9.	MANHOLE STATUS MONITORING AND ALERTING USING IOT	IJRMETS	Volume:04/Issue:06/June-2022
10	AUTOMATED DOOR OPENER WITH LIGHTING CONTROL USING RASPBERRY PI	Journal of Engineering Sciences	Vol 14 Issue 06,2023
11.	VEHICLE OVERSPEED INDICATION THROUGH GSM	Journal of Engineering Sciences	Vol 14 Issue 06,2023
12.	COMMUNICATION IN BLACK SPOT	Journal of Engineering Sciences	Vol 14 Issue 06,2023
13.	INVISIBLE FENCING WITH HIDDEN WATCH DOG	Journal of Engineering Sciences	Vol 14 Issue 06,2023
14.	MAINTAINING OXYGEN IN TUNNEL ROADS	Journal of Engineering Sciences	Vol 14 Issue 06,2023
15.	IMAGE PROCESSING BASED FIRE	ODJ JOURNAL	VOL 29. ISSUE 06 ,2023

	DETECTION USING RASPBERRY PI		
16.	Leakage Power Reduction in Read and Write Enhanced Macro Memory Circuit Design Using Transistor Stacking and Reversible Approach	Advances In systems and sciences	2022,pp.130-147
17	Simplistic approach to alleviate noise coupling issues in 3D IC Integration	Materials Today: Proceedings	2020

No Of Patents: 2

Acheivements:

1.No Of NPTEL Courses: 3

2.No Of Coursera Courses Completed: 1

3.Completed Salesforce admin and developer modules

4.Completed Cisco Certification in C, Python and CCNA

Projects guided:

  B.Tech – 16

Memberships in Professional Bodies:
- IETE
- ISTE

Additional Responsibilities:

1.Salesforce Department Level Coordinator

2.Cisco Department Level Coordinator

3.Mentor for 20 students