

Curriculum vitae

N. ROOPA VATHI

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Educational Qualifications

S. No	Course	Branch / Specialization	Institute / University	Month & Year
1	M.Tech	E.C.E	Andhra University	Oct, 2015
2	B.Tech	E.C.E	Avanthi Institute of Engineering & Technology, JNTUK.	April, 2011

Teaching Experience : 9 years

S.No.	College	University	Post held	Duration		Ratified (Y/N)	Date of Ratification	Exp. in yrs
				From	To			
1	G.V.P College of Engineering for Women, Visakhapatnam.	J.N.T.U Kakinada	Assistant Professor	1 st September 2011	Till date	Y	17-09-16	9 Years 5 months

Additional Responsibilities:

Anti-Ragging squad member in the college
Literature and cultural member in the college
Department PDC, WORKSHOP Lab In-charge

Papers publications

International Journals: 1

- [1] K.Srinivasa Rao, **N.Roopa Vathi**, “Performance Analysis of MIMO-OFDM Using NCT Companding Transform”, International Journal of Electronics Engineering Research (IJEER), Volume 9, Number 3 (2017), pp. 409-427. Index Copernicus.

International Conferences: 02

- [1] K.Srinivasa Rao, **Nagireddi Roopa Vathi**, Opportunistic Subcarrier Allocation scheme for FFR-aided LTE networks, International Conference on Trends in Electronics and Informatics ICEI 2017 SCAD College of Engineering and Technology on 11-12, May 2017 at Tirunelveli, INDIA, IEEE xplore 11-12, May 2017, DOI: 10.1109/ICOEI.2017.8300840.
- [2] K.Srinivasa Rao, K.Raja Rajeswari, **Nagireddi Roopa Vathi**, Opportunistic Subcarrier Allocation scheme for FFR-aided LTE networks, 49th Mid Term Symposium- 2018, IETE, on Recent Trends in Wireless Communication, 8-9th April, 2018 at Andhra University.

Online Certification Courses Completed:

Sno.	Title Of Lecture	Organization Details	Duration & Dates	Score
1	Principles of Communications Systems-1	NPTEL	12 Weeks 31/01/2018 - 21/04/2018	60%
2	Switching Theory and Logic Design	NPTEL	12 Weeks (July-Oct,2018)	53%
3	Digital Circuits	NPTEL	12 Weeks (July-Oct,2018)	67%

FDP'S:

1. A six-days FDP on advanced Digital signal Processing and applications, Organized by the E & ICT academy, NIT Warangal, MVGR (A), Vizianagaram,2016

Workshops/Seminars:

1. A Two-day Workshop on "Digital Communication and Wireless Communication Fundamentals, Organized by the GVPCEW.
2. A Two-day Workshop on Cognitive Radio Technologies GVP College of Engg for Women, 2015
3. A Two-day Workshop on Signal Processing and Communication Systems, GVP College of Engg for Women, 2016
4. A Two-day Workshop on Electromagnetic and RF Fundamentals GVP College of Engg for Women, 2016.
5. A Three-day Workshop on Signal Processing and Communication Systems, GVP College of Engg for Women, 2017
6. Attended the Three day National workshop on " Cryptology and Cyber Security(WCCS 2018) " organized by Dept. of ECE, GVPCEW during 22nd - 24th March , 2018 .

Projects guided : B.Tech- 6

Areas of interest : Analog and Digital Communications, Wireless Communications, Digital Signal Processing.

Membership associated : ISTE

Subjects and Labs Handled:

Digital Logic Design	Electronic Devices and Circuits Lab
Switching Theory and Logic Design	Linear IC Applications Lab
Electronic Devices & Circuits	Digital Logic Design Lab
Linear IC Applications	Electronic Circuits and Analysis Lab
Pulse and Digital Circuits	Digital Communications Lab
Electronics Measurement & Instrumentation	Pulse and Digital Circuits Lab
Instrumentation	Digital Signal Processing Lab
Satellite Communications	Microwave Engineering and Optical Lab
Optical Communications	Analog Communications Lab
Analog Communications	

During lockdown activities:

1. FDP on “Curriculum design for 21st century skills”	05-05-2020	09-05-2020	5	GMRIT College of Engineering
2. Online Faculty Development Programme(FDP) on “Advanced Antenna Design using HFSS”	12-05-20	17-05-20	6	organized by dept. of ECE Santhiram Engg. College, Nandyal in collaboration with Varthaman college of Engineering, Hyderabad, .
3. Online Faculty Development Programme(FDP) on “Insights Into Quality Research And Innovation”	13-05-2020	20-5-20	8	organized by Research And Development Cell And Institutions Innovation Council Of Vivekananda College Of Engineering For Women.
4. FDP on “National Board of Accrediation”	13-05-2020	14-05-2020	2	North Storm Academy
5. FDP on “Internet Of Things”	18-05-2020	30-05-2020	12	Andhra Pradesh State Skill Development Corporation(APSSDC)
6. Online Faculty Development Programme(FDP) on “Speech Processing Applications and Challenges”	20-05-2020	25-05-2020	6	Organized by dept. of ECE Santhiram Engg. College, Nandyal in collaboration with International Institute of Information Technology, Hyderabad.
7. FDP on “Outcome Based Education System”	21-05-2020	23-05-2020	3	Lendi Institute Of Engineering and Technology
8. National level Faculty Development Programme(FDP) on “Artificial Intelligence”	24-05-2020	29-05-2020	6	organized by Internal quality assurance cell in association with dept. of CSE chalapathi institute of Technology and Brain o Vision solutions india pvt ltd.
9. Faculty Development Program on "Trends in Communication",	26-05-2020	30-05-2020	5	Organized by Sir C R Reddy College Of Engineering in association with Averz Technologies.
10. Workshop on “Online Teaching Methods And Assessment Using G-Suite”	24-05-2020	24-05-2020	1	Organized by Sri Venkateswara Institute Of Science And Technology
WEBINARS				
11. Webinar on "Walking on a Dark Road"	08-05-2020	08-05-2020	1	organized by SCAD College Of Engineering and Technology.
12. Webinar on "research Publications, Process, Credentials and Outcomes"	09-05-2020	09-05-2020	1	organized by Baba Institute of Technology & Science.
13. Webinar on "Post COVID-19- Entrepreneurship Opportunities for Rural India"	12-05-2020	12-05-2020	1	organized by St,Mother Theresa Engineering College.
14. Webinar on "Robots for Safety and	19-05-2020	19-05-2020	1	organized by Dhaanish Ahmed College Of Engineering.

Security"					
15. Webinar on "Engineering & Technology Trends in Nation Building"	20-05-2020	20-05-2020	1	organized by Chalapathi Institute Of Engineering and Technology.	
16. Webinar on "Introduction to Digital Transformation"	23-05-2020	23-05-2020	1	organized by S.A. Engineering College.	
17. Webinar on "Financial Measures Post COVID-19"	23-05-2020	23-05-2020	1	organized by KJEI's Trinity College Of Engineering and Research,Pune in association with an Industry Advisory Board.	
18. Webinar on "The New Normal in Education"	23-05-2020	23-05-2020	1	organized by the Internal Quality Assurance Cell, St.Albert's College.	
19. Webinar on "Corona, The Unwanted Companion but an Invisible Teacher"	24-05-2020	24-05-2020	1	organized by International School of Management,Patna.	
20. Webinar Series on "2020 seminars"	25-05-2020	29-05-2020	5	organized by Sri Manakula Vinayagar Engineering College by Industry Experts.	
21. Webinar on "State-of-the-art Research in Power Systems and Drafting Research Article"	25-05-2020	25-05-2020	1	organized by Vaagdevi Engineering College.	
22. Webinar on "Science in Sanskrit"	25-05-2020	25-05-2020	1	organized by Bhavan's Vivekananda College.	
23. Webinar on "Be an Entrepreneur-Tap the Opportunities created by COVID 19"	25-05-2020	25-05-2020	1	organized by Francis Xavier Engineering College.	
24. Webinar on "Survival of the fittest post COVID-19"	27-05-2020	27-05-2020	1	organized by SCAD College Of Engineering and Technology.	
25. Webinar on "5G Technology & it's Applications"	28-05-2020	28-05-2020	1	organized by Sri Vasavi Institute Of Engineering and Technology.	
26. Webinar on "Emerging Business Opportunities and Enhanced Government Assistance to Micro and Small Enterprises"	30-05-2020	30-05-2020	1	organized by St,Mother Theresa Engineering College.	
ONLINE MOCK QUIZS					
27. Participating online quiz on "Social Awareness on COVID-19"			1	University College of Engineering Vizianagaram.	
28. Certificate of Appreciation for "Faculty Awareness Programme on OBE and NBA	12-05-2020	12-05-2020	1	Organized by Sinhgad Institute of Technology and Science"	

Accrediation”				
29. Successful completion of Quiz on “MATLAB Skill Test”	15-05-2020	17-05-2020	3	Organized by Department of ECE, Raghu Engineering College
30. Certificate of Appreciation for “Faculty Awareness Programme on NBA to keep in touch with NBA Accrediation ”	18-05-2020	18-05-2020	1	Organized by IQAC, PACE Institute of Technology and Sciences, Ongole
31. Successful completion of Quiz on MYTHBUSTER of COVID 19(80%)	20-05-2020	20-05-2020	1	Organized by N.P.S Govt Degree College For Women
32. Successful completion of Quiz on”NAAC”	26-05-2020	26-05-2020	1	Organized by P.V.V.P College of Engineering

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