



J. NAGESWARA RAO, M.Tech.(Ph.D)

Assistant Professor(Adhoc)

JNTUA College of Engineering,Pulivendula

Pulivendula – 516390, Andhra Pradesh, India

Bio-data

Name : **J. NAGESWARA RAO**

Official Address : Assistant Professor(Adhoc),
Department of ECE,
JNTUACEP,
Pulivendula – 516390,
Andhra Pradesh ,INDIA.
Mobile :8179946227.

Residential Address : D.No:1-142,
Bakkannagaripalli, Vempalli
Kadapa – 516350,
Andhra Pradesh (India)

E-mail : jadananageswararao.ece@jntua.ac.in

Nationality : Indian

Religion : Hindu

Educational Qualifications:

S. No.	Qualification	University/Institution	Specialization	Year of award
1.	P.hD	JNTU Anantapur	Microwave Antennas	Pursing
2.	M.Tech	JNTU Anantapur	Digital Electronics and Communication Systems	2016
3.	B.Tech	JNTU Anantapur	Electronics & Communication Engineering	2014

Professional Experience :

S.No.	Institution/Organization	Position held	Duration
1.	JNTUA College of Engineering, Pulivendula	Assistant Professor (adhoc) Department of ECE	2017 – till date

Teaching Experience: 6 years of teaching UG Courses

Administrative Services:

- Presently working as Placement coordinator of Electronics and Communication Engineering in JNTUA College of Engineering Pulivendula from 19.07.2017 to Till Date.

Subjects Taught:

Undergraduate courses	Labs can be Handled
<ul style="list-style-type: none">❖ Electronic circuits and devices❖ Switching theory and logic device❖ Probability theory and stochastic processes❖ Linear IC Applications❖ Digital IC Applications❖ Computer architecture and organization❖ Computer Networks❖ Principles of Communications❖ Pulse and digital circuits❖ Control Systems	<ul style="list-style-type: none">❖ Electronic circuits and devices❖ Digital IC Applications❖ Pulse and digital circuits❖ Digital logic design❖ Analog communication❖ Digital communication❖ Signals and systems❖ Analog electronic circuits❖ Electromagnetic waves and Transmission lines

Number of Research publications:

International journals: 05
International Conferences: 02
National Conferences: 04

List of publications:

International Journals:

- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula Published the paper titled“**Design of Microstrip Patch Antenna with Electromagnetic Band-Gap (EBG) Structure for WLAN Applications** ” in Mukta Shabd Journal, Volume XII, Issue I, JANUARY/2023 (UGC Care Group-1 Journal)
- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula Published the paper titled“**videotext steganography by using discrete wavelet transform** ” in International Journal of Research in Engineering application and management(IJREAM), Volume..7..Issue..5...-August 2021 (UGC approved)
- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, published the paper titled “Air Quality Monitoring based on IoT” in international journal of technical innovation in modern engineering&Science(IJTIMES))(UGC Approved), Volume..4 issue 09, Sept 2018.

- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, published the paper titled “Wireless Weather Monitor Using IoT” in i-manager journal on Embedded systems, Volume..6.No.1. july-december 2017 (UGC approved free journal).
- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, published the paper titled “Analysis of variation of the bias point with volterra series method in class AB RF power amplifier” in international journal of technical innovation in modern engineering&Science(IJTIMES)(UGC Approved), Volume..5 issue 05, May 2019.

National Conferences:

1. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula has participated and presented paper in IEEE Wireless, Antennas and Microwave Symposium(WAMS-2023) held at Pandit Deendayal Energy University (PDEU), Gandhinagar, Gujarat, India during June 07-10-2023.
2. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, Presented a paper titled “Analysis of variation of the bias point with volterra series method in class AB RF power amplifier” in national conference on “Innovative technologies in Electrical Engineering” organized by Department of Electrical and Electronics Engineering, Geethanjali Institute of Science and Technology, Nellore, Andhrapradesh, during 30th March 2019.
3. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, published the paper titled “Video Text Steganography By using Discrete Wavelet Transform” in National conference on Sustainable Electronics and communication Engineering, in Technical Collaboration with the Professional Bodies(IEEE,ISTE and IEI), Annamacharya Instistute of Technology and Sciences, Rajampet.
4. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, published the paper titled , "Metasurface-based Triangle Patch Antenna with Moon Shape Slot for Multi-band Applications," 2023 IEEE Wireless Antenna and Microwave Symposium (WAMS), Ahmedabad, India, 2023, pp. 1-5, doi: 10.1109/WAMS57261.2023.10242981.
5. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, published the paper titled , "A Multiband Rhombus Shaped Patch Antenna with Rhombus Slots for C, X, and Ku-Band Applications," 2023 IEEE Wireless Antenna and Microwave Symposium (WAMS), Ahmedabad, India, 2023, pp. 1-5, doi: 10.1109/WAMS57261.2023.10242895.

International Conferences:

1. J.Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula Pubished the paper titled “**SATELLITE IMAGE SEGMENTATION**” in International Conference on Recent Trends in Engineering and Technology (ICRTET-2022) Organized by KSRM College of Engineering, Kadapa, Andhra Pradesh, India held on 29th December, 2022.
2. J.Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, published the paper titled “Air Quality Monitoring based on IoT” in international Conference on Electrical, Electronics, Communications & Robotics Engineering-2018, Held at RAMEE GUESTLINE:: Tirupati, A.P, India, on 2nd September, 2018.

Workshops attended:

1. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended for Three days Workshop on “SCI LAB 2018-2019 ” held at JNTUA College of Engineering Pulivendula during 20th -22th September 2018.
2. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended for three days National level hands on training programme on “Embedded Systems design using TIVA ” held in JNTU college at Anantapuram (from 19-21st April 2018)
3. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended five day international level online faculty development programme on “Research Trends in Image Processing with Machine Learning and Deep Learning”, organized by G Pulla Reddy Engineering College (Autonomous), Kurnool during 21st to 25th July, 2020.
4. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended Two week faculty development program on “Matlab Tools and their applications in Engineering”, organized by Data Teach Labs during 25th May 2020 to 07th June 2020.
5. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended three day national level online faculty development program on “Research Topics in VLSI and Industry Trends”, organized by GMR Institute of technology, Rajam during 29th to 31st May, 2020.
6. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended five day national level online faculty development program on “Trends in Electronics and Communication Engineering”, organized by Sri Vasavi Engineering College, Tadepalligudem, during 22nd to 26th June, 2020.
7. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended Two Day workshop on “Essential MATLAB for Engineers”, conducted by Data Teach Labs, during 29th to 30th May, 2020.
8. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended in one week Awareness Program on “MATLAB” organized by Department of E&TC Engineering, and ISTE Student Chapter, S.S.B.T.’s, College of Engineering & Technology, Bambhori, Jalgaon, (M. S.) India during 12th –16th June 2020.
9. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, participated five day Faculty development program on “Research trends in Image Processing” organized by Department of Electronics and Communication Engineering GATES Institute of Technology, Gooty, during 15th to 19th June, 2020.
10. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended Fifteen Days webinar series on “Matlab Master Class 2020”, Organized by IETE MUMBAI and Pantech pro labs india pvt ltd, during 10th to 25th July, 2020.
11. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended One Week On line Faculty Development Program on “ Modelling , Simulation , and Measurement of High Frequency Antennas for Advanced Wireless Communication ” from 01 / 08 / 2022 to 05 / 08 / 2022 organized by Department of Electronics and Communication Engineering , Meerut Institute of Engineering and Technology in association with Entuple Technologies and ACICMIET Meerut Foundation .
12. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, attended Five days Faculty development programme on “Recent Trends and Advances in Machine Learning”, Conducted by Electronics and ICT Acadamy, IIT Roorkee from 12 september-16 september,2022.
13. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, participated in online Faculty Development Program (FDP) titled “Recent Innovation in Antennas and RF Frontend systems for 5G” ,jointly organized by the Department of Electronics and Communication Engineering, CBIT Hyderabad and ARK Infosloution Pvt. Ltd from 28th to 30th July, 2022.

14. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, participated in Five Days Short Term Training Program (STTP) on "Antenna Design:Future Trends and New Applications" from 01.08.2022 to 05.08.2022, Organized by Department of Electronics and Communication Engineering, CARE College of Engineering, Trichy in association with IEEE CARE Students Branch- Madras Section &Tesla Minds, Chennai.
15. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, participated in Six Day Online Workshop on "Ansys for High Frequency Electromagnetics" from 22.02.2023 to 14.04.2023, Organized by School of Electronics Engineering(SENSE) at Vellore Institute of Technology, Chennai.
16. J.Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, participated in Five Day FDP on "Design of high frequency antennas for real-time applications(DHARA-2023)" from 14.03.2023 to 18.03.2023, Organized by the department of ECE of GMR institute of Technology, Rajam.
17. J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, participated in Three Days National Online Workshop on "Research Paper writing and publishing" from 29.08.2023 to 31.08.2023, Organized by Hi Learn Edutech institute, Vijayapur,Karnataka.

Online Course Certificate:

- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, certificate is awarded for successfully completing the course "Basic microstrip patch antenna design using HFSS".
- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, certificate is awarded for successfully completing the course "Transmission Lines and Electromagnetic waves".
- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, certificate is awarded for successfully completing the course "Basic Electronics".
- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, certificate is awarded for successfully completing the course "Research and Publication Ethics".
- J. Nageswara Rao, Assistant Professor (Adhoc) in ECE Department, JNTUA College of Engineering Pulivendula, certificate is awarded for successfully completing the course "Analog Communication".

Declaration:

I hereby declare that the information furnished above is true to the best of knowledge



(J. NAGESWARA RAO)