

Dr.Akhila John Davuluri

Department of Electronics&Communication Engineering
Acaharya Nagarjuna University, Nagarjuna Nagar - 522510Guntur, Andhra
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OBJECTIVE:

Seeking a challenging position, utilizing my abilities developed through my education with an opportunity for career growth, where I can learn as well as contribute to the growth of the organization.

EDUCATIONAL QUALIFICATIONS:

- Ph.D** “Performance Analysis of Patch Antennas To Mitigate Multipath for Wireless Communications” obtained from Acharya Nagarjuna University.
- M.Tech.** VIT University, Vellore, 2008
- B.Tech.** Electronics & Communication Engineering
JNTUH, Andhra Pradesh, 2005

EXPERIENCE

- ✚ **Total Years of Experience** : 13 Years
- ✚ **Names of the College** : Acharya Nagarjuna University
- ✚ **Designation** : Assistant Professor
- ✚ **Subjects handled**
- For U.G** : Pulse Circuits
Antennas and Wave Propagation
Digital Logic Design
Electronics measurements and
Instrumentation
Satellite Communications
Electronics Devices and Circuits
Optical Communications
Signals and Systems
Transmission Lines and Waveguides
- For P.G** : Wireless Communications



Labs Handled

Advanced Digital Communications
OFDM for wireless Communications
: Digital Logic Design
Pulse and IC's
Signals and Systems
Electronics Circuits
Electronics Devices and Circuits
Digital Communications Lab

TECHNICAL SKILLS

 **Programming Languages** : C, CPP, Embedded C
 **Simulation Tools** :HFSS, GENESYS, MATLAB
 **Operating systems** : Windows, UNIX and Linux.

PUBLICATIONS

 **Journals:**
❖ International Journals :10
 **Conferences:**
❖ International Conferences :02

❖ INTERNATIONAL JOURNALS:

1. Akhila John D “Reduction of Harmonics with Defected Ground Structure by a Circularly Polarized Slotted Ring Antenna” International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.20 (2015).
2. Akhila John D “Hexagonal Antenna Array for Broadcasting Applications” American International Journal of Research in Science, Technology, Engineering & Mathematics 10(4), March-May,2015, pp. 384-389
3. Akhila John D “A Printed Ultra Wide Band Semi Circular Antenna” American International Journal of Research in science,technology,Engineering&Mathematics 10(1), MarchMay 2015, pp. 41-45
4. Akhila John D “Implementation of different wavelet based transforms and threshold combinations for ECG De-noising” International journal of innovative research in electrical, electronics, instrumentation and control engineering Vol. 3, Issue 7, July 2015
5. Akhila John D “BER Analysis of Cyclicprefix Ofdmssystem For Different M-Ary Modulation Techniques” International Journal of Review in Electronics & Communication Engineering (IJRECE)Volume2– Issue5 October2014
6. Akhila John D “Power Compensation using Fuzzy Logic Based for Grid Interactive PV System” International Journal of Inovative Research in Electrical

,Electronics, Instrumentation and Control Engineering(IJIREEEICE) volume 3, issue 2,February 2015.

7. Akhila John D “Performance Analysis of CyclicPrefix OFDM System with CPFSK and CPM for wireless communication” Global Journal Of Advanced Engineering Technologies (GJAET) volume 3 issue 3 2014
8. Akhila John D “The Robust Performance for Facial Emotions Recognition in Perceptual colour Space” Global Journal Of Advanced Engineering Technologies (GJAET) volume 3 issue 3,2014
9. Akhila John D “Design of dual frequency circular patch antenna using HFSS” *ANU Journal of Engineering & Technology*, Vol. V (1&2), June-Dec 2013,. ISSN: 0976-3414
- 10.Akhila John D “Design of dual frequency circular patch antenna using HFSS” *Proceedings of International Conference on Navigational Systems & Signal Processing Applications (NSSP 2013)*, held during 13th-14th December 2013 at Acharya Nagarjuna University, Guntur.

❖ **INTERNATIONAL CONFERENCES:**

1. Akhila John D “Design of dual frequency circular patch antenna using HFSS” *Proceedings of International Conference on Navigational Systems & Signal Processing Applications (NSSP 2013)*, held during 13th-14th December 2013 at Acharya Nagarjuna University, Guntur.

WORK SHOPS ATTENDED/PRESENTED

1. One week National workshop on “Research Methodology” held from 3-11-2014 to 8-11-2014 at JNTU, Ananthapuram
2. Two day National workshop on “Big Data Analytics” held from 9th and 10th December, 2014 at University College Of Engineering & Technology ,ANU
3. Two weeks FDP on “Trends in Wireless communication Technology and Evolution of Simulation Tools“ held from 11th to 23rd May 2015 At VNR Vignana Jyothi Institute Of Engineering & Technology
4. One day National workshop on “Establishment of smart campuses” held from 29th april 2015 At Acharya Nagarjuna University Organized by Department of Higher Education, Govt.Andhra Pradesh
5. AICTE sponsored two week Faculty Development Program on RECENT ADVANCES IN MICROWAVE ENGINEERING AND ITS APPLICATIONS, held during 28-10-2013 to 09-11-2013 at PVP Siddhartha Institute of Technology,Vijayawada.
6. UGC sponsored two day National workshop on “E-Content Development” held during 14th -15th Feb 2014 at Acharya Nagarjuna University, Guntur.
7. One day Orientation Programme on “MATLAB,Simulink & Related Tool Boxes for Engineering Education” for Engineering Education Held during 26th April 2014, organized by Department of EEE,ANUCET, at Acharya Nagarjuna University.

UNIVERSITY ADMINISTRATION ACTIVITIES

1. Worked as Warden for IndiraPriyadarsini girls hostel during 2010 to 2012.
2. Worked as Deputy Warden for IndiraPriyadarsini girls hostel during 2021 to 2022.
3. M.tech Course Coordinator during 2020-2022

PERSONAL PROFILE

Gender	:	Female
Marital status	:	Married
Date of Birth	:	26 th June 1984
Nationality	:	Indian
Language proficiency	:	English, Hindi, Tamil and Telugu
Permanent Address	:	D.No: 27-4-4, Kannavari Thota, Guntur (Dt.), A.P., INDIA

DECLARATION

I hereby agree that all the above stated information or details are true to the best of my knowledge.

Date: 10-08-2023

Place: Guntur

(D. Akhila John)