

A.ARUNA

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Career Objective: Quest to work in a professional atmosphere which gives me a scope to display my skills .To work in an organization that gives me ample scope to grow along with it.

Academic Qualifications:

Qualification	Institute	University/Board	Percentage	Year of Passing
M. Tech. (SSP)	Dadi Institute of Engineering & Technology	J.N.T.U.K	82.57% (Distinction)	2014
B. Tech. (ECE)	Gokul Institute of Information Technology	J.N.T.U.K	65% (1st class)	2009
Diploma	Government Polytechnic for Women's	S.B.T.E.T	70.6% (1st class)	2006
10 th Class	G.M.H. School	S.S.C	64% (1st class)	2002

Work Experience (12.6 years):

- Present working as Assistant professor in Gayatri vidya parishad college for degree & PG courses (A) since from 14th February 2022.
- Worked as Assistant professor in Avanthi Institute of engineering & Technology with experience of since from May 2021 to February 2022.
- Worked as Assistant professor in Sankethika Institute of engineering & Technology with experience of 2years since from August 2018 to July 2020.

Technical Skills:

- Successfully completed one month Master class course on Python programming conducted by APSSDC.
- Completed the course on “ Satellite Photogrammetry and its Applications” conducted by Indian Institute of Remote Sensing (IIRS). During 29/6/2020 to 3/7/2020.
- Programming Languages: C, Data Structures(basics),Embedded C
- Operating Systems: Windows XP/2000/98, Microsoft Word, Microsoft Power Point, Microsoft Excel.

Academic Achievements:

- Ratified from Andhra university, Visakhapatnam as a Assistant Professor in Gayatri Vidya Parishad Degree & PG Courses (A) on 27-06-2022.
- Successfully completed NPTEL–AICTE 12 Weeks Course (January-April 2023) on “Introduction to Internet of Things”.
- Successfully completed NPTEL–AICTE Faculty Development Programme on “Introduction to Internet of Things” during (January-April 2023).
- Participated in five days FDP on “Design of High frequency Antennas for Real-time Applications (DHARA-2023) ” organized by the department of ECE of GMR Institute of Technology Rajam and department of ECE of VR Siddhartha Engineering College, Vijayawada, Andhra Pradesh during 14th to 18th March, 2023.
- Successfully completed Workshop on “VLSI System Design: Silicon End Application Approach” Organized by AICTE, ARM Education and STMicroelectronics from July 31st to 4th August 2023.
- Successfully completed Faculty Development Programme on UHV-1 (Inculcating Universal Human Values in Technical Education” Organized by AICTE from 2nd October to 6th October 2023.
- Participated in 5 days FDP on “Outcome Based Education” organized by the department of ECE, Vijnan Institute of Engineering for Women Organized by IQAC during 25th August to 1st September, 2023.
- Participated in five days FDP on “Research Methodology and Project Proposal Writing ” organized by the department of Mechanical Engineering, Gayatri Vidya Parishad College of Engineering & technology (Autonomous) during 26th to 31st july, 2023.

- Successfully completed Module 1: Orientation towards technical education and curriculum aspects of National Initiative for Technical Teachers Training (NITTT).
- Participated in five days FDP on “Full-Custom and Semi-Custom Design Flow using Cadence Tools” organized by the department of ECE, Gayatri Vidya Parishad College of Engineering Autonomous in association with Entuple technologies Pvt.Ltd, Bengaluru during 25th to 29th july, 2022.
- Participated in five days FDP on “Advanced Signal Processing, Communications using AI & ML Techniques” from 21st to 25th march 2022.
- Participated in Five days ATAL FDP on “INTERNET OF THINGS” from 6/12/21 to 10/12/21.
- Participated in two days International FDP on “World of cyber physical systems & future Robotics Industry” in 2020.
- Participated in national workshop on Advanced Antenna Design by Andhra University.
- Participated in workshops named Recent Advances in wireless communications ,Embedded systems, Signal processing communications and computer vision concepts using Matlab and Simulink by Math works etc
- Ratified from JNTU Kakinada , as a Assistant Professor in Vizag Institute Of Engineering & Technology on 16-05-2015.
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Projects:

Title: Analysis of Proposed Power Delay for MIMO-OFDM Systems.

Description: The main theme of the project is to realize a fully function system is to reducing ISI & it is handled by MIMO.

Title: Wireless based Industrial Automation system using RF Communications.

Description: The main theme of the project is to Industrial security system is to one of the development made to control the process as well as to secure industry automatically.

Title: Sound Recording and Playback System.

Description: The main theme of the project is to the drastically sound recorded & playback done from one circuit to another circuit.

Subjects handled:

Micro processors & Microcontrollers, Embedded Systems, Internet Of Things, Cellular & Mobile Communications, Pulse and Digital circuits, Optical Communications, Radar Systems, Computer Architecture & Organization.

Laboratories handled:

Microprocessors & Microcontrollers laboratory, Pulse and Digital Circuits laboratory, Digital Communications laboratory, Digital electronics & microcontroller's laboratory, Python Programming Laboratory, CPNM Laboratory, Antenna simulation and IOT laboratory.

Papers Published:

- Published a International Journal Of Science and Advance Research in Technology (IJSART) about Smart access control system with face recognition and security using Macine Learning.(April 2023, Volume-9,Issue-4).
- Published a International Journal Of Research in Applied Science & Engineering Technology (IJRASET) about Performance Analysis of Multi User Detector for Synchronous DS-CDMA Systems.(December 2019, Volume-7,Issue-XII).
- Published a International Journal Of Science &Engineering Development (IJSER) about Design & Performance Analysis of Loe Density Parity check Encoder & Decoding.(November 2019, Volume-4,Issue-11).
- Published a International Journal Of Engineering Research & Technology (IJERT) about Analysis of Proposed Power delay for MIMO-OFDM Systems.(October 2013, Volume-2,Issue-10).

Extra Curricular Activities:

- Done a Industrial Training Program in RINL (steel Plant) Visakhapatnam.
- Done a industrial training Program on Routing Call Processing & Fault Detection in an EWSD Switch at BSNL.
- Actively participated in online webinars and Faculty development programs
- Participated in District level games.

Personal Profile:

Date of Birth: 16th June, 1987

Hobbies:

— Listening to Music, Singing.

Strengths:

— Ability to work in teams

— Adaptability to New Environment

— Disciplined and interested to face Challenges

— Good at Presentation and communication Skills

Address for communication:

Door No.: 9-331,

Ramalayam Street,

Vishalakshinagar,

Visakhapatnam- 530043.

Date:

A.ARUNA

Place: