

CURRICULUM VITAE

K.ARUNA KUMARI

Flat. No: 101,

Samveda Apartment,
Sriram Ram Nagar Colony,

Vikasitha nagar

KANURU

Vijaywada-520007

Email:

kukatiarunakumari95@gmail.com

Cell No: 94944454523



CAREER OBJECTIVE

To work with an organization in the most challenging environment to contribute my best efforts for the achievement of organizational goals

EDUCATIONAL PROFILE

Programme	Year of Completion	University	Marks/CGPA	Class obtained
PhD (E.C.E)	pursuing	Acharya Nagarjuna University, GUNTUR	----	---
M.TECH D.S.C.E	2007	J.N.T.U ANANTAPUR	66.5%	FIRST CLASS
B.TECH E.C.E	1998	N.T.U ANANTAPUR	69.73%	FIRST CLASS
DIPLOMA D.E.C.E	1993	G.P.T.W BHEEMUNIPATNAM	78.6%	FIRST CLASS WITH DISTANCTION
SSC	1989	A.P.P.HIGH SCHOOL	61.8%	FIRST CLASS

PROFESSIONAL BODY MEMBERSHIPS

Life member, ISTE – LM40984

Member, ISSE ,IETE

WORK EXPERIENCE

S.No.	Designation	Institution	From	To
1	Sr.Asst.Professor	PVP Siddhartha Institute of Technology,VIJAYAWADA	1-3-2009	Till date
2	Asst.Professor	PVP Siddhartha Institute of Technology,VIJAYAWADA	27-8-2001	28-2-2009
3	lecturer	PVP Siddhartha Institute of	5-12-2000	26-8-2001

		Technology, VIJAYAWADA		
4	Associate Lecturer	V.K.R&V.N.B POLYTECHNIC GUDIVADA	16-8-1999	30-11-2000

SHORT TERM COURSES/WORKSHOPS/CONFERENCES ATTENDED/ORGANIZED

Workshops:

- A one day workshop on “Research held on 23rd oct,2010 conducted by dept of I.T, at PVPSIT. Methodologies in Engineering”
- A 2 day workshop on “Lab View software” organized by ECE dept in association with M/S Cranes software International Ltd, Bangalore during 27th and 28th Oct, 2010.
- A 2 day workshop on “Embedded design using Xilinx FPGA’s” organized by TIFAC-CORE in telematics and ECE dept, VRSEC during 8th & 9th July 2011.
- A Two day workshop on “Lab view and its engineering applications” during 14th & 15th Sept. 2012 at PVPSIT.
- .
- Attended a guest lecture on “Managing Bharat to make Prosperous, Powerful, Intellectual and Ethical Resource Person” organized by Dept.of MBA, PVPSIT on 13th July, 2015.
- Attended a Guest lecture on “Outcome Based Education” at PVPSIT on 28th, September, 2015.
- .
- Attended a seminar on “Use of Bloom’s Taxonomy in Teaching, Learning & Assessment” on 6th August, 2016 in R & D Center., Dept. of ECE, PVPSIT. Resource Person: Dr. K. Ramanjaneyulu, Professor
- Attended a five day workshop on “IOT Applications” conducted by department IT PVSIT in association with NIT Warangal.
- Attended a One week on-line workshop on “ISTE STTP CMOS mixed signal and Radio Frequency” from 30th January, 2017 to 4th February, 2017 organised by IIT, Kharagpur at PVPSIT.
- .
- Attended seminar on IPR7 Patents on 29th September, 2018 conducted by ISTE faculty chapter in association with IQAC. Resource Person: Mr. K. Ravindra Nath, Manager, SUTech Patent art services Pvt. Ltd., Hyderabad
- Attended seminar on IPR7 Patents on 29th September, 2018 conducted by ISTE faculty chapter in association with IQAC.
- Attended one day Faculty Development Program on Intellectual Property Rights & Innovation organized by Dept. of MBA in collaboration with IQAC cell on 29th April, 2019.
- Attended national workshop on Interdisciplinary Translational Research in Pursuit of Healthcare organized by Dr.Pinnamaneni Siddhartha Institute of Medical Sciences &Research Foundation on 24th& 25th of April 2019.

1WEEK FDP:

- A one week FDP on “Advanced Digital Signal Processing & Applications (ADSP-A)” at VRSEC from 7th to 13th September 2015.
- Attended a five day workshop on “IOT Applications” conducted by department IT PVSIT in association with NIT Warangal.
- Attended “Art of Living” an Awareness Program conducted on 4th August, 2017 and Training Session was conducted from 18th August, 2017 to 20th August, 2017.
- A One week on-line workshop was conducted on “ISTE STTP CMOS mixed signal and Radio Frequency” from 30th January, 2017 to 4th February, 2017 organised by IIT, Kharagpur at PVPSIT.
-

- Attended one week Faculty Development Program on Signal and Image processing applications Using LABVIEW On 25th Feb-1st March,2019 organised by EI Dept.VRSEC.
- Attended one week Faculty Development Program on Machine learning for applications in language ,vision and control organized by E&ICT Academy, NITW at NITAP On 25th-30th March 2019.

2 WEEKS FDP:

- Attended Two week workshop on “Andhra Pradesh Higher Education English Communication Skills Project” from 10th July, 2017 to 14th July, 2017 & 24th July, 2017 to 28th July, 2017.
- A two week ISTE workshop on “SIGNALS & SYSTEMS” from 2nd January, 2014 to 12th January, 2014, conducted by National Mission on Education through ITC (NMEICT) through synchronous and Asynchronous Instruction.
- Completed Certification course on Virtual and Remote Labs conducted by Elctrono solutions IUCEE APSSDC during October 2018-December 2018.

PAPERS PUBLISHED

- 1.** Mrs. K. Aruna Kumari, Sr. Assistant Professor et.al published a paper entitled PAPR Reduction in OFDM System of WLAN using Optimization Techniques, *International Journal of Emerging Trends in Electrical and Electronics (IJETEE – ISSN: 2320-9569) Vol. 10, Issue. 11, Nov. 2014*
- 2.** Mrs. K. Aruna Kumari, Sr. Assistant Professor et.al published a paper entitled Efficient Data Transmission between Multiuser using CDMAHistogram Decoder, International Journal of Applied Sciences, Engineering and Management ISSN 2320 – 3439, Vol. 03, No. 05, September 2014, pp. 40 – 46
- 3.** Mrs. K. Aruna Kumari, Sr. Assistant Professor et.al published a paper entitled Improved Response of Genetic Simulated Annealing Algorithm for PAPR Reduction in OFDM System using PTS Technique **Indian Journal of Science and Technology**, Vol 9(S1), DOI: 10.17485/ijst/2016/v9iS1/107826, December 2016 ISSN (Online) : 0974-5645 ISSN (Print) : 0974-684

4. Mrs. K. Aruna Kumari, Sr. Assistant Professor et.al published a paper entitled PAPR Reduction in MIMO – OFDM using Modified PTS Scheme with Hybrid ABC-FF Algorithm - International Journal of Engineering & Technology, Volume – 7 published on 22.09.2018 (Scopus Indexed Journal) pages : 423-427.

5. Mrs. K. Aruna Kumari, Sr. Assistant Professor published a paper entitled “PARR Reduction in MIMO – OFDM using modified DTS Scheme with hybrid ABC-FF Algorithm” - International Conference on Recent Trends in Engineering and Sciences ICRTES – 2018 organised by Confer Professional Group of Conference (AP, India) on 20th & 21st February, 2018.

6. Mrs. K. Aruna Kumari, Sr. Assistant Professor published a paper entitled PAPR Reduction using Parallel PTS and SLM scheme with OGWO in MIMO-OFDM **International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7 Issue-6S2, April 2019**

CONFERENCES

1. Mrs. K. Aruna Kumari, Sr. Assistant Professor attended conference on PAPR lessening execution and computational complexity nature with less complexity in the conference organized by ICRTESM-2018, Osmania university, Hyderabad on 16 th December 2018.

SUBJECTS HANDELED

- 1) Analog Communications
- 2) Digital Communications
- 3) Optical Fiber Communications
- 4) Cellular and Mobile Communications
- 5) Wireless Communications and Networks
- 6) Artificial Neural Networks
- 7) Optical networks
- 8) Advanced Digital Communications
- 9) Solid state Semiconductor Devices and Circuits
- 10) Network Analysis and Synthesis
- 11) Linear and Digital IC Applications
- 12) Bio-Medical Instrumentation

- 13) Electronic Measurements and Instrumentation
- 14) Basic Electronic Engineering
- 15) MAT Lab Programming

LABS HANDLED

- 1) Electronic Devices And Circuits
- 2) Electronic Circuit & Pulse & Digital Circuits
- 3) Basic Electronics Engineering
- 4) Analog Communications
- 5) Digital Communications
- 6) LDIC
- 7) MW&OC Lab
- 8) Pulse and Digital Circuits.
- 9) Analog Electronic Circuits
- 10) Digital Signal Processing Lab
- 11) Basic Simulation Lab
- 12) Multisim lab

K.ARUNAKUMARI