Name:**Dr.RAJA KUMARI CHILUKURI**
Designation:Assistant Professor
Department:Electronics& Communication Engineering
Mail ID: rajakumari_ch@vnrvjiet.in
Experience (in years): 17years   Teaching: 17 years   Research: NIL
Others(if any, specify): NIL

1.Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D.	2024	Radar Signal processing
2	M.Tech	2007	Applied Electronics
3	B.Tech	2005	Electronics and Communications Engineering
4	Secondary (10+2)	2001	MPC
5	10th	1999	SSC

2.   Teaching and Learning:

2.1.   Teaching Interests:
Electromagnetic Theory and Transmission Lines, Antennas and Wave Propagation, Television and Video Engineering, Basic Electronics, Electronic Device Circuits, Electromagnetic Theory,Probability Theory and Stochastic Process, Digital television, Radar System ,wireless communication,Digital Electronics,Happiness and well Being.

2.2.Novel Teaching & Learning Techniques adopted: WIT AND WIL,POGIL, Quiz, PPT, Group discussion.

2.3.Involvement in curriculum updating / Design:
- Involved in the designing of syllabus since the college has attained autonomy,
- Involved in preparation of PO's and CO's for Basic Electronics Theory and Lab in the CBIT.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Interest in Teaching, Reading books and surfing internet

3.2. CCA/ECA Organized:
1. conducted various programs like technical quiz, seminars for students on own interest etc
2. Organized I Year ECE Interaction Program with II Year Students and Fresher Party
3. Collected essential things clothes, money, and food etc and distributed at a village during the floods under CBIT student society.

3.3. CCA/ECA participated:
1. Participated in organizing blood donation camp in the college at SVCET and CBIT.
2. Actively involved in Synapse-2013&2014&2015 and Sruthi in CBIT
3. Actively involved in Convergence, Annual day, Culture day in VNRVJIET

3.4. Counseling and Mentoring Activity: Counseled many students for pursue higher studies and supervior for summer 2020 online internship.

3.5. Committees involved in:
Department level:
- Worked for PG-NBA Accreditation in CBIT.
- Worked as Departmnet NACC co-coordinator for VNRVJIET
- Member of Project Review committee for IV B.Tech Signal processing SIG.

- Member of Special Interest Group – Signal processing.
- Department Budget File incharge from 2016 onwards.
- Mwe lab Incharge from 2016 onwards

Institute Level: -
  - Member /Incharge for Vignan Varthallu

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

house training program on "Lab VIEW" Supported by TEQIP-II, Department of ECE, CBIT, Gandipet, during 20th, Nov 2015.

2. Organised Intensive Workshop on "Hands on "Lab VIEW" for third year ECE students, supported by IEEE Student chapter, CBIT, Gandipet, during 13th & 27th Feb2016

3. Organised A 5-Day Intensive Course on "Radar Signal Processing(RSP-16) supported by NERTU,OU in Association with Department of ECE,CBIT ,during 19th – 23th July,2016

4. Co-ordinated an Industrial Visit to BSNL-RTTC, Gachibowli, Hyderabad on 16-04-2016 for B.E. ¾ ECE (E1, E2, E3) supported by TEQIP-II.

5. Conducted Guest Lecture on the topic related to "English Proficiency Test in Overseas Education", for B.Tech IV year students on 02/03/2024, by Mr.Kaushik Bhatnagar, Trainer for IELTS, PTE, Duolingo, TOFEL, Cambridge English,Hyderabad.

4.2. Attended:
1. ganized an In-

- Completed the five days National Level Faculty Development Program on on "The Art of Research" in online mode is conducted from 2nd Apr to 6th Apr 2024 by Department of Electronics and Communication Engineering, Chaitanya Bharathi Institute of Technology (A),Gandipet, Hyderabad- 500075.
- Attend the Two Day Faculty Development Program On "Designing, Developing and delivering online/blended courses" Organized by centre for management research, Vignan jyothi institute of management, Hyderabad., Telangana, India, from 20 th and 21 th October,2023.
- Completed the two-day faculty training program on "Happiness and wellbeing" organized by H & S, VNRVJIET from 28th to 29th March, 2023.
- Completed the one week online faculty development programme on"Enhancing faculty expertise communication and signal/image processing(EFECSIP-2023) organised by department of ECE ,Aditya college of engineering and technology during 10th-15th, July 2023.
- Completed the five days short term course on "Biosignals,Communication and Applications" organised by department of ECE,Dr. B R Ambhedkar National institute of Technology,Jalandhar during 12th -16th,June,2023.
- Completed the FDP on "Python Programming" jointly organised by Electronics and ICT Academics during July 26-August 06,2021 under the "Scheme of financial assistance for setting up of Electronics and ICT Academics" of the Ministry of electronics and information technology ,government of india.
- Completed the four Weeks NPTEL Online Certification Course for Python for Data Science with score of 64% in Jul-Aug 2021
- Attended 40 Hours online FACULTY DEVELOPMENT PROGRAMME (FDP) on "DATA SCIENCE FOR ALL" Jointly Organized by Electronics &

ICT Academics at NIT Warangal, IIITDM Jabalpur, IIT Kanpur, NIT Patna, IIT Guwahati, MNIT Jaipur and IIT Roorkee From 12nd to 23rd April, 2021

- Completed the Eight Weeks NPTEL Online Certification Course for Data Science with score of 66% in 2020
- Completed the one week Training in Python programming with industry perspective in 2020
- Completed the five day professional development programme on "Basics of Python Programming" organised by the department of ECE,VNRVJIET,Hyderabad in collaboration with VNR IEEE SPS from 09th-13th November 2020.
- Attended the two week international online FDP on "Latest Technoilogical Development In Electronics and Communication Engineering" organised by department of ECE,KL University,from 05th-17th October,2020.
- Completed the online training programme on Digital tools for Writing,Authoring and Reviewing Manuscipts jointly organised during 21th September and 2nd October 2020,supported by Ministry of Electronics and Information Technology,Electronics and ICT Academies MNIT Jaipur,NIT Patna and IIT Guwahati.
- Participated and complted the two week(equivalent to 3credit 40 hours course)online faculty development programme on "Advanced Optimization Techniques and Hands-on with MATHLAB/SCILAB" jointly organised by Electronics and ICT Acdemies held from 13th-24th july2020 under the "scheme of financial assistance for setting up of Electronics and ICT Acdemies" by the Ministry of electronics and information technology ,government of india.
- Attended Two-day International Virtual FDP on Innovative Techniques for Effective Teaching Online and Offline,Faculty of English (Department of M&H) Organised by Mahatma Gandhi Institute of Technology, Hyderabad on 12th and 13th June 2020
- Attended Two FDP - Artificial Intelligence in Healthcare by Department of Electronics and Telecommunication Engineering R. C. Patel Institute of Technology, Shirpur, Dist-Dhule(MS) – 425405 on10^{th} and 11th June 2020
- Attended International Webinar - Recent Trends in Wireless Communication by Department of Electronics and Telecommunication Engineering R. C. Patel Institute of Technology,Shirpur, Dist-Dhule(MS) – 425405 on 07th June 2020.
- Attended FDP on "Recent Trends and Future Applications in Electronics and Communication Technologies" from 29th May-02nd June ,2020.
- Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" ,Indian Institute of Information Technology(IIIT Nagpur) from 25th -29th,May 2020.
- Attended International Webinar on "Introduction , Applications and Career in Robotics" by Prasoona Devalapally, CEO, TIX Robotics Private Ltd, Hyderabad on 25 May 2020.
- Attended Five Day National Level Online FDP on "Modern Research Trends in Communication, Signal Processing and VLSI/MEMS", organized by the Department of Electronics and Communication Engineering, from 19th - 23th,May 2020.
- Attended Faculty Program on NBA organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai-400614 on 13 May2020

- Attended one week online Faculty Development Program on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE" under Margdarshan Scheme of AICTE, New Delhi from 11th -15th,May 2020.
- Attended AICTE Training And Learning (ATAL) Academy Online FDP on "Data Sciences" , MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut from 04th -08th,May 2020.
- Attended COVID-19 Awareness Program organised by Annasaheb Dange College of Engineering and Technology on 01May 2020
- Attended Three weeks COVID-19: TACKLING THE NOVEL CORONAVIRUS, LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE AND UK PUBLIC HEALTH RAPID SUPPORTTEAM.
- Attended FDP on "Recent Trends and Future Applications in Electronics and Communication Technologies" from 29th May-02nd June ,2020.
- Attended FACULTY DEVELOPMENT PROGRAMME (FDP) on "Python Programming with Industry" Jointly Organized by ELECTRONICS & ICT ACADEMY, NATIONAL INSTITUTE OF TECHNOLOGY Patna & Department of Electronics and Communication Engineering , IEEE and ISTE chapters of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 2nd to 6th December 2019 at VNRVJIET
- Attended one week Wireless and Mobile Communication Organized by E& ICT Acdemy ,NIT Warangal, at VNRVJIET, Hyderabad during 1st-6th July 2019
- Attended One day programme on "Raising Awareness throughout the world on COVID-19" Organized by JNTUH on 28/03/2020
- Attended Three week progrmme on "COVID-19: TACKLING Organized by THE NOVEL CORONAVIRUS" LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE AND UK Public Health RAPID SUPPORT TEAM during 23/03/2020-13/04/2020
- Attended One Week progrmme on "COVID-19 Pandemic General Awareness Quiz conducted by by" Department of RISE (Research, Innovations, Sponsored Projects & Entrepreneurship), Chandigarh Group of Colleges, Landran, Mohali during 13/04/2020-18/04/2020
- Attended One day COVID-19 Awareness Program conducted by Annasaheb Dange College of Engineering and Technology, Ashta on 1/5/2020
- Attended Online FDP on "Data Sciences" Organized by MSME - TECHNOLOGY DEVELOPMENT CENTRE (PPDC) Meerut." during 04-05-2020 to 08-05-2020
- Attended.Faculty Program on NBA " Organized by Bharati Vidyapeeth College Of Engineering, Navi Mumbai-400614. Certificate ID T3IWHA-CE005144 on 13/05/2020
- Attended AICTE Sponsored one Week Faculty Development Program (FDP) on "Outcome Based Education: A Step Towards Excellence "during 11-05-2020 to 15-05-2020
- Attended Covid19:Technological and Digital Transformation for a New Era Organized by" G. Narayanamma Institute of Technology and Science on22-5-2020
- Attended One week FDP on "Modern research trends in communication signal processing and VLSI/MEMS" conducted by Andhra Loyola Institute of

Engineering and Technology(ALIET), Vijayawada-520008, during 19/05/2020 to 23/05/2020

- Participated in FDP on "Recent Trends and Future Applications in Electronics and Communication Technologies" organized by MLR Institute of technology ,from 29/05/2020 to 02/06/2020.
- Attended One day FDP on "International Webinar - Recent Trends in Wireless Communication "Organised by Department of Electronics and TelecommunicationEngineering R. C. Patel Institute of Technology, Shirpur, Dist-Dhule(MS) during 7th of june2020
- Attended , " National Level Quiz on NAAC, organized by Department of Computer Engineering, P.V.P.P. College of Engineering, Mumbai, on 8-6-2020.
- Attended two day FDP on "Artificial Intelligence in Healthcare "Organised by Department of Electronics and Telecommunication Engineering R.C.Patel Institute of Technology, Shirpur, Dist-Dhule(MS) during 10-11th of june2020
- Attended two day FDP on " Innovative Techniques for Effective Teaching Online and Offline "Organised by Mahatma Gandhi Institute of Technology, Hyderabad. during 12-13 June, 2020
- Participated in the Quiz on "Faculty Awareness On NBA"conducted by the Department of Electrical And Electronics Engineering ,Mallareddy college of engineering and technology during 14/06/2020
- One week training programme on "Instructional Design and Delivery System" Organized by National Institute of Technical Teachers Training &Research,chennaiin Association with VNR Vignana jyothi Institute of Engineering &Technology, Hyderabad during 11th to 16th December 2017.
- Participated in the two day conference SPACES-2018,held at department of ECE (FIST sponsored),of KLEF,Andhra Pradesh, India,in Association with IEEE on "Signal Processing and Communication Engineering Systems" during 4-5th January 2018
- Two day Workshop on "Research Opportunities in Cognitive Radio and its Applications" Organized by Department of ECE, CBIT during 29th and 30th January 2016.
- Two Day Intensive Course on "Electronic Intelligence (ELINT) Systems "Organized by Department of ECE, CBIT & Defence Electronics Research Laboratory (DLRL, DRDO)during 12th&13th, December2014.
- Three Day Workshop on "Advances in Antenna Design with applications &Simulation with HFSS Software"Organized by MTT/AP/EMC Society Joint Chapter IEEE Hyderabad section in Association with M/s.Ansoft Technologies-Bangalore. Department of ECE, Matrusri Engineering College-Saidabad during 24th -26th, July2014.
- One Week Faculty Development Program on "orientation towards technical teaching" Organized by CBIT-In House Training Center-Gandipet during 14th-19th, July 2014.
- Two Day National seminar on "GPS and its Augmentation Systems-GAGAN for Aircraft Navigation "Organized by Department of ECE, CBIT , during 22nd-23rd, November 2013

- Three Day Workshop on "Electromagnetic Theory &Transmission Lines" Organized by the Institution of Electronics and Telecommunication Engineers, Hyderabad during 27th -29th, September2013.
- One Week Faculty Development Program Organized by CBIT-In House Training Center-Gandipet during 6th -11th, January 2014.
- One Week ISTE Workshop on "Analog Electronics"Organized by Indian Institute of Technology, Kharagpur during 4th -14th, June 2013.
- Two Day Workshop on "Women in Science and Technology-Societal Impact"Organized by Women's cell of CBIT- Gandipet during 8th&9th, March 2013.
- Two Day National workshop on "Research Opportunities in Computer science and Information Technology" Organized by Department of IT, CBIT-Gandipet during 6th&7th, February 2013.
- Three Day Workshop on "Embedded Processors "Organized by Department of ECE, JNTUH College of Engineering, Hyderabad during 12th-14th, October 2012.
- One Week Faculty Development Program Organized by CBIT-In House Training Center-Gandipet during 24th -29th, December 2012.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NIL

5.2. Articles/Chapterspublished inBooks:02

5.3. Bookspublishedassingleauthororaseditor:NIL

5.4. Projects Guided :

    a) UG :09

    b) PG :03

5.5. Research Interests : communications and RADAR Signal processing

5.6. Ph.Dstudents :

    a) Enrolled :NIL

    b) Submitted:NIL

    c) Awarded:NIL

5.7. Papers published in reviewed journals :

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Design And Implementation Of Security Management Using Haar Classifier With Call Alert And Live Video Streaming	International Journal of Engineering Research in Electronics and Communication Engineering (IJERECE) Vol 2, Issue	ISSN(Online): 2394-6849	3.689	International

		5, May 2015, (PP:12-15)			
2	Design and Analysis of Different Full Adder Cells Using new Technologies	International Journal of Reconfigurable and Embedded Systems (IJRES) Vol. 8, No. 3, November 2019	ISSN: 2089-4864	-	International
3	Estimation of Modulation Parameters of LPI Radar Using Cyclostationary Method	Springer(Sensing and Imaging) Volume 21, Issue 1, Oct-2020	-	1.12	International
4	Implementation of Multi Bit Even Parity Generator and Checker Circuits Using Quantum Cell Automata (Qca) Based Majority Gates	Issue: 9 | Pages: 6740-6751, 12-09-2021	ISSN: 0011-9342	ISSN: 0011-9342	International

5	Estimation of intrapulse modulation parameters of LPI radar under noisy conditions	J.of International Journal of Microwave and Wireless Technologies, First View, Published by Cambridge University Press in association with the European Microwave Association, pp.1-18, Dec.2021,	https://doi.org/10.1017/S175907 8721001537.	-	International

| 6 | Radar Signal Basedon Multilayer Perceptron Neural Network Recognition | International Journalof Electrical and Computer Engineering Systems, Volume14, Number 1, 26-01-2023, (PP.29-36) | https://doi.org/10.32985/ijeces.14.1.4

or

ISNN 1847-6996 | 1.7 | International |

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Design And Implementation Of Security Management Using Haar Classifier With Call Alert And Live Video Streaming.	IFERP International conference, Bengaluru	International	9,August 2015
2	Nano Gold Coated Polymer As A Shield For The EM-Waves	International Conference On Nanomaterials and Nanotechnology	International	7-10, December 2015
3.	RLG Dither Removal Using Wavelet Transforms	Proc. of the Seventh International Conference On Advances in Computing, Electronics and Electrical Technology - CEET 2017.	International	Jul-2017
4	Imaging using Phase Coded Complimentary Code Pairs	Proceedings of the International Conference on Sustainable Computing and Data Communication	International	2022

		Systems (ICSCDS-2022) DVD Part Number: CFP22AZ5-DVD; ISBN: 978-1-6654-7883-0		
5	Classification Of Polytime Codes Of LPI Radar Signals Using XGBOOST Algorithm	2022 International Conference on Recent Trends in Microelectronics, Automation, Computing and Communications Systems (ICMACC) , IEEE Xplore digital library ,17-04-2023	International	17 April 2023
6	Image Forgery Detection using Deep Learning	11TH ICCET 2023 ELEVENTH INTERNATIONAL CONFERENCE ON CONTEMPORARY ENGINEERING AND TECHNOLOGY, CHENNAI, INDIA.	International	MAY 1ST - 2ND, 2023
7	Design and Validation of Domino CMOS D Flip Flop at 16nm Regime	2023, 3rd International Conference on Advancement in Electronics & Communication Engineering (AECE), IEEE,979-8-3503-3072-4/23,	International	23rd-24th, November 2023.

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
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5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
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6.Awards / Honors received:

- Working as reviwer for International Journal of Electrical and Computer Engineering Systems journal.

- Worked as a reviewer for the 2nd International Conference organized by the department of ECE, Mahatma Gandhi Institute of Technology, on 28 - 29 April 2023.
- Worked as a reviewer for ICMACC 2022.
- Completed the British Council English course.
- Got Elite in the four Weeks NPTEL Online Certification Course for Python for Data Science with score of 64% in Jul-Aug 2021
- Got First Rank and Received the gold medal in 2007 in PG.
- Received first prize in various sports and Quiz Competitions at school level and college level

7.Motto: Work Hard yourself And Stay Humble with every one.