Sri. K. SIVA CHANDRA, M.Tech. (Ph.D)

Assistant Professor (Adhoc) of ECE

Jawaharlal Nehru Technological University Anantapur College
of Engineering Pulivendula– 516 390, Andhra Pradesh, India

Bio-data

Name	:	Siva Chandra Kagolla
Official Address	:	Assistant Professor (Adhoc) of ECE,
		Jawaharlal Nehru Technological University Anantapur
		College of Engineering Pulivendula– 516 390,
		Andhra Pradesh (India).
		Mobile : +91-72072 37997.
Residential Address	:	#A3/4, JNTU Campus Quarters,
		Muddanur Road,
		JNTUACE Pulivendula– 516 390,
		Andhra Pradesh (India).
E-mail	:	sivachandra.ece@jntua.ac.in
		Sivachandra487@gmail.com

Nationality   :   Indian

Religion   :   Hindu

Educational Qualifications:

S. No.	Qualification	University/Institution	Specialization	Year of award
1	Ph.D. (Pursuing)	Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai	Under Water Image Processing	Pursuing
2	M.Tech	Sri Venkateswara College of Engineering & Technology (SVCET), Chittoor	VLSI Design	2010
3	B.Tech	Sree Vidyanikethan Engineering College – (SVEC), Tirupati	Electronics & Communication Engineering	2007

Professional Experience   :

S.No.	Institution/Organization	Position held	Duration
1	JNTUA College of Engineering, Pulivendula	Assistant Professor (Adhoc), Department of ECE	2010 - till date

Teaching Experience: **13**+ years of teaching in UG & PG Courses

Subjects Taught:

Undergraduate courses	Post graduate courses
❖ Electronic Devices and Circuits ❖ Switching Theory and Logic Design ❖ Probability Theory and Stochastic Processes ❖ Computer Architecture and Organization ❖ Digital IC Applications ❖ Electronic Measurements & Instrumentation ❖ Microprocessors and Microcontrollers ❖ VLSI Design ❖ Cellular Mobile Communication ❖ Wireless Communications ❖ RADAR & Navigational Aids ❖ Embedded Systems ❖ Basic Electrical and Electronics Engineering	❖ Digital Systems Design ❖ Structural Digital Systems Design ❖ Embedded Systems Design ❖ Adaptive Signal Processing ❖ Detection and Estimation Theory

In addition, the laboratories of UG and PG programmes in the areas of Electronicsand Computers have been dealt with.

❖Electronic Devices and Circuits Lab

❖Pulse and Digital Circuits Lab

❖Microprocessors and Microcontrollers Lab

❖DSP and VLSI Design Lab

❖Digital IC applications Lab

❖Structural Digital Systems Design Lab

❖Mixed Signal Design Lab

❖Advanced Digital Systems Design Lab

Membership of Scientific / Engineering Bodies

❖ Member of International Association of Engineers (IAENG) (139219)

Additional Duties done:

❖ In charge for NAAC from the Department

❖ Department UG Project Coordinator

❖ Placement coordinator from ECE

❖ IV B.Tech CRC Chairman

❖ Department correspondence

❖ NBA

Number of Research publications:

International Journals	:	23
International Conferences	:	09
National Conferences	:	03
Book Chapters	:	01

List of publications:
International Journals:

2023

1. K. Siva Chandra et al., published a paper titled "Stock Price Prediction Using LSTM, Support Vector Machine, Random Forest And GRU" in the UGC Care Approved, Peer Reviewed and Referred Journal of Indian Institute of Industrial Engineering (IIIE Pune), ISSN : 0970-2555, Volume : 52, Issue 6, No. 5, June : 2023.

2. K. Siva Chandra et al., published a paper titled "Automatic Modulation Classification Using Machine Learning Techniques" in Mukt Shabd Journal, ISSN : 2347-3150 (UGC Care Group I Listed Journal), Volume XII, Issue VI, PP: 1925-1934, June 2023.

3. K. Siva Chandra et al., published a paper titled "Real-Time Multi-View Human Detection from Enhanced Video Surveillance System" in Industrial Engineering Journal ISSN: 0970-2555 (UGC Care Group I Listed Journal) Volume : 52, Issue 6, No. 4, PP: 20-28, June : 2023.

4. K. Siva Chandra et al., published a paper titled "Emerging Trends in Real-Time

Human Detection in Multiple View Surveillance System: A Comprehensive Survey" in Juni Khyat ISSN: 2278-4632 (UGC Care Group I Listed Journal) Vol-13, Issue-06, No.05, PP: 104-110, June : 2023.

5. K. Siva Chandra et al., published a paper titled "Unveiling Multiple Faces and Emotions With Gender and Emotion Recognition" in Industrial Engineering Journal ISSN: 0970-2555 (UGC Care Group I Listed Journal) Volume : 52, Issue 6, No. 4, IF = 6.82, June : 2023.

6. K. Siva Chandra et al., published a paper titled "A Review of Exploring Gender Detection Across Multiple Faces Using Neural Networks" in Juni Khyat ISSN: 2278-4632 (UGC Care Group I Listed Journal) Vol-13, Issue-06, No.05, PP: 46-52, June : 2023.

7. K. Siva Chandra et al., published a paper titled "AUTOMATIC SPEECH TO TEXT CONVERSION ALONG WITH SPEAKER RECOGNITION USING GMM", in Industrial Engineering Journal, UGC Care Approved, Group I, Peer Reviewed Journal ISSN: 0970-2555 Volume : 52, Issue 4, No. 4, April : 2023.

8. K. Siva Chandra et al., published a paper titled "THE COMPREHENSIVE STUDY OF AUTOMATIC SPEECH TO TEXT CONVERSION ALONG WITH SPEAKER RECOGNITION SYSTEM", in Juni Khyat ISSN: 2278-4632 (UGC Care Group I Listed Journal) Vol-13, Issue-04, No.04, April : 2023

2022

9. K. Siva Chandra et al., Published a paper titled "An Authentication Method Based on Cryptography and Machine Learning for Secure Data-Sharing in a Federated Cloud Services Environment" in the IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES (UGC care approved group 1 journal) ISSN: 2319-1775 volume 11, Issue 8 pp:3432-3438, 2022.

10. K. Siva Chandra et al., Published a paper titled "BRAIN TUMOR DETECTION FROM MRI IMAGES USINGDEEP LEARNING TECHNIQUES-VGG 19 and Resnet 50" in the IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES (UGC care approved group 1 journal) ISSN: 2319-1775 volume 11, Issue 1 pp:954-961, 2022.

2021

11. K. Siva Chandra et al., Published a paper titled "Face Mask Detection Using Image Processing in the IJFANS INTERNATIONAL JOURNAL OF FOOD AND NUTRITIONAL SCIENCES (UGC care approved group 1 journal) ISSN:

2319-1775 volume 10, Issue 3 pp:554-558, 2021.

2019

12. K. Siva Chandra et al., Published a paper titled "Recognition of Handwritten Hindi Characters using Speeded Up Robust Features (SURF) and CNN" in Journal of Engineering Sciences (UGC care approved group A journal) ISSN: 0377-9254 volume 10, Issue 12 pp:983-991, December-2019.

2018

13. K. Siva Chandra et al., Published a paper titled "A Survey on Compressed Sensing Based on Water Marking" in international Journal of Advanced Research in Engineering (IJARIET-2018) ISSN: 2320-0510 volume 01, Issue 3 pp:90-93, September - October 2018.

14. K. Siva Chandra et al., Published a paper titled "Gas Pipeline Monitoring and Leakage Detection System Using IOT" in International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES-2018) e-ISSN: 2455-2585 volume 04, Issue 9 pp:140-146, September 2018.

15. K. Siva Chandra et al., Published a paper titled "A Comprehensive Study of Retinex Based Image Enhancement Techniques" in international Journal of Advanced Research in Engineering (IJARIET-2018) ISSN: 2320-0510 volume 01, Issue 2 pp:84-86, July - August 2018.

16. K. Siva Chandra et al., Published a paper titled "A Survey on Different Image Dehazing Techniques" in international Journal of Advanced Research in Engineering (IJARIET-2018) ISSN: 2320-0510 volume 01, Issue 2 pp:87-89, July - August 2018.

17. K. Siva Chandra et al., published a Paper titled "Lora Based Smart City Frame Works" in International Journal of Computational Engineering Research (IJCER), ISSN (e): 2250 – 3005, Volume 08, Issue 5, May – 2018, pp. 58-72.

18. K.Siva Chandra et al., published Paper titled "Small cell-zooming Scheme for energy efficient hybrid wireless cellular networks" in international Journal of Engineering and Techniques Special Issue ISSN: 2395:1303 March – 2018

19. K. Siva Chandra et al., published a Paper titled "An Improved Histogram Modification Based on Reversible Data Hiding Algorithm" in the international journal of Engineering research and application, ISSN : 2248-9622, Vol. 8, Issue 3, (Part -1) Mar 2018, pp. 42-48

20. K. Siva Chandra et al., published a Paper titled "An Improved Histogram Modification Based on Reversible Data Hiding Algorithm" in the international

journal of Engineering research and application, ISSN : 2248-9622, Vol. 8, Issue 1, (Part -V) January 2018, pp.61-67

2014

21. K. Siva Chandra et al., published a Paper titled "Secured data transmission using wavelet based steganography and cryptography" in the international journal of Engineering research and applications, Vol 4. Issue 2 , Feb 2014.

2013

22. Siva Chandra K et al., Published a Paper titled "An Higher-order synaptic operations in neural units for robotic image processing applications" in the International journal of computer applications 61(17):28-32, January 2013 by foundation of computer science, Newyork, USA.

23. Siva Chandra K et al., Published a Paper titled "Neural units with Higher-order synaptic operations for robotic image processing applications" in the International journal of engineering research and applications ISSN:2248-9622, vol:3,issue:1, January-February 2013, PP:738-742.

i) International Conferences

2023

1. K. Siva Chandra et al., Presented a paper titled "Face Mask Detection Using Image Processing" International Conference on Emerging Trends in Engineering and Technology (ICETET)- 2023 during 9th & 10th June, 2023 organised by Narsimha Reddy Engineering College Maisammaguda (V), Kompally, Secundrabad - 500100, Telangana State, India.

2. K. Siva Chandra et al., Presented a paper titled "A REAL-TIME FACIAL EXPRESSIONS RECOGNITION USING DEEP NEURAL NETWORKS" in "International Conference on Emerging Research in Science, Engineering and Management (ERSEM)-2023" during 19.05.2023 to 20.05.2023 at SRIT, Proddatur, YSR Dist ISBN: 978-81-962735-0-7.

3. K. Siva Chandra et al., Presented a paper titled "Brain tumor detection from MRI images using Deep Learning techniques" in "International Conference on Emerging Trends in Electronics & Communication Engineering (ICETEC-2023)" organized by the Department of Electronics and Communications Engineering, Rajeev Gandhi Memorial College of Engineering & Technology (Autonomous), Nandyal during 15th -17th April, 2023.

4. K. Siva Chandra et al., Presented a paper titled "ROCK / MINE CLASSIFICATION USING SUPERVISED MACHINE LEARNING ALGORITHMS" in "International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE) | 978-1-6654-9260-7/23/\$31.00 ©2023 IEEE | DOI: 10.1109/IITCEE57236.2023.10091031" international conference organized by BNM Institute of Technology, Bengaluru, India during 27th – 28th January 2023.

2021

5. K. Siva Chandra et al., Presented a paper titled "A Review: Object detection and classification using side scan sonar images via deep learning techniques" in "International Conference on Cognitive & Intelligent Computing (ICCIC 2021)" international conference organized by CMR College of Engineering & Technology Hyderabad, India, during 11th -12th December 2021.

2019

6. K. Siva Chandra et al., Presented a paper titled "The comprehensive study of recognition handwritten devanagari characters by using linear discriminant analysis" in "Future Communication and Internet of Things (ICFCIoT)" international conference organized by Aditya College of Engineering, Madanapalle during 15th – 16th March 2019.

2018

7. K. Siva Chandra et al., Presented a paper titled "Intrusion Detection and Monitoring using IOT" in "Innovative Trends in Science and Engineering Technologies (ICITSET-2018)" international conference organized by NRI Institute of Technology, Guntur in association with Seventh Sense Research Group on 23rd September 2018.

8. K. Siva Chandra et al., Presented a paper titled "Gas Pipeline Monitoring and leakage Detection System Using IOT" in "international conference on Electrical, Electronics, Communications and Robotics Engineering (ICEECRE-2018)" held at RAMEE Guestline, Tirupathi organized by International Association of Research and Development in Engineering and Technology (IARDET), Haryana on 02nd September 2018.

2016

9. K. Siva Chandra et al., Presented a paper titled "A survey of different approaches for human emotion recognition using speech and image processing" in the IEEE(EDS) Kolkata Chapter Sponsored 5 th international conference on

'Computing, Communication and Sensor Network',CCSN2016, organized by International Association of Science, Technology and Management During 24th – 25th December 2016.

ii) National Conferences:

2021

1. K. Siva Chandra et al., presented a paper titled "A Novel Approach for A Single Bit-Line Low Power 13T SRAM Cell by using Multithreshold CMOS Logic" in the National Conference on Recent Trends in Engineering and Technology - 2021 (RTET - 2021) organized by the Department of Electrical and Electronics Engineering, KSRM College of Engineering (Autonomous) in virtual mode on December 29th, 2021.

2018

2. K. Siva Chandra et al., Presented a paper titled "Small-Cell Zooming Scheme for Energy Efficient Two-Tier Hybrid Green Cellular Networks" in "National conference on Emerging Trends in Information, Management and Engineering Sciences (NC'e-TIMES # 1.0)" organized by Annamacharya Institute of Technology and Sciences, Rajampet, Kadapa(Dt), on 14th & 15th March 2018.

2014

3. K. Siva Chandra et al., Presented a paper titled "Data security using Haar wavelet based LSB-DES approach in data transmission" in the AICTE sponsored national Conference on Emerging trends in Wireless Communications and systems -2014 organized by Dept. of ECE, Sree Vidyanikethan College of Engg,Tirupathi During 7-8 March 2014.

Book Chapters:

2023

1. K. Siva Chandra et al., Published a book chapter titled "Enhancement of SAR Image Quality through Intensity Coherence Vector Segmentation for Despeckling Purposes" in the edited book titled "Emerging Trends in Engineering and Technology (Volume - 7)" published by Integrated Publications, New Delhi, Page No.79-108, 2023.

Workshops attended:

2023

1. Participated in the one week National Level Faculty Development Program on Cloud Infrastructure (AWS) organized by ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES (AUTONOMOUS), KADAPA, Andhra Pradesh in collaboration with Brainovision Solutions India Pvt Ltd and All India Council for Technical Education (AICTE) during the period of 21st to 25th August 2023.

2. Attended a one-week online FDP on "Innovative Teaching Methodology-A creative Pedagogy", organized by Department of Artificial Intelligence & Data Science, Robotics and Automation, D Y Patil College of Engineering, Akurdi. In association with ISTE and IQAC DYPCOE Akurdi, Pune during 31st July 2023 to 4th August 2023.

3. Attended the PERSONALITY DEVELOPMENT WORKSHOP in the topic "QUALITIES OF SUCCESS" organized by Internal Quality Assurance Cell of Indira Institute of Technology and Sciences, Markapur on 11 July 2023.

4. Participated in the "Identification of Electronic Components Workshop" organized by Internal Quality Assurance Cell & ECE department of Indira Institute of Technology and Sciences, Markapur on 10 July 2023.

5. Participated in National level guest lecture on the theme of "Nano science and Technology for better future" on 30th June 2023, jointly organized by the department of physics (DST-FIST sponsored), Koneru Lakshmaiah Education Foundation (KLEF), Guntur & Materials Research Society of India (MRSI), Mumbai.

6. Participated in the National Level Conference on "Recent Trends in Science & Technology" organized by Internal Quality Assurance Cell, Indira Institute of Technology and Sciences, Markapur on 30 June 2023.

7. Participated in One Day IETE Knowledge Sharing Session (KSS): Webinar on "Exploring HFSS: Advanced Software for Antenna Design and Simulation" organized by IETE, Hyderabad Centre on 11.06.2023.

8. Participated in One Day Faculty Development Program on "GENDER SENSITIZATION" held on 21.05.2023 organized by the Internal Quality Assurance Cell, Indira Institute of Technology and Sciences, Markapur.

9. Participated in One Week Faculty Development Program on "Cognitive Computing" held from 20.03.2023 to 24.03.2023 organized by the Dept. of ECE, Vels Institute of Science, Technology & Advanced Studies Pallavaram, Chennai.

10. Participated in One Day Faculty Development Program on "21st Century Teaching

Methodologies" held on 18.03.2023 organized by the Internal Quality Assurance Cell, Indira Institute of Technology and Sciences, Markapur.

11. Participated in One Week Faculty Development Program on "Design and Implementation of Advanced VLSI architectures" held from 13.03.2023 to 17.03.2023 organized by the Dept. of ECE, Lakireddy Bali Reddy College of Engineering College, Mylavaram, Andhra Pradesh.

12. Participated in One Week Faculty Development Program on "Applications of Computer Vision using Deep Learning" held from 20th – 25th February 2023 organized by the Dept. of ECE, Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru, Krishna District, AP:521356.

2022

13. Participated in One Week Faculty Skill Development Program on "Research Methodology, Design and Innovation" held from 16.12.2022 to 21.12.2022 organized by the Department of Electronics and Instrumentation Engineering, CVR College of Engineering, Ibrahimpatnam, R.R. Dist, Telangana State.

14. Participated in One Week Online Faculty Development Programme on, "Machine Learning Algorithms for Dead Time Systems (MLADTS)", organized by the Department of Electronics and Communication Engineering, Geethanjali College of Engineering and Technology, Hyderabad, in association with Indian Society for Technical Education, during 24 - 29 January,2022.

2021

15. Participated in AICTE Sponsored one week online Short-Term Training Program (Phase-III) on "Practical Exposure on Machine Learning and Data Science" organized by Department of Electronics and Communication Engineering, GPREC(A), Kurnool during 13th September to 18th September 2021

2020

16. Attended 10 days webinar series on "Matlab Master Class 2020" organized by IETE Mumbai and Pantech Prolabs India Pvt Ltd. from 01-10-2020 to 10-10-2020

17. Participated in 5 day online training program on "ASIC Front End Design & Verification" during 21st to 25th September 2020 Organized by JNTUA College of Engineering Ananthapuramu

18. Participated in Two Day Online national Level Workshop on "Communication, VLSI, Image processing and Design of Antenna", from 03-09-2020 to 04-09-2020 organized by Department of ECE, UCEV, JNTUK, Vizayanagaram.

19. Participated in the Three-Day on "Enhancement of Professional Communication Skills", organized by the department of Humanities and Sciences, AnanthaLakshmi Institute of Technology and Sciences, Ananthapuramu during 20-22 August 2020

20. Participated in one day International E-Workshop on "Role of Artificial Intelligence in Industrial Autonomous and Agriculture", organized by department of Computer Science, Adikavi Nannaya University, MSN campus, Kakinada on 21st August 2020

21. Participated in Three Day National Level Online Workshop on "Introduction to IOT and Arduino " Conducted during 10th - 12th Aug 2020, Organized by Department of Electronics & Communication Engineering, SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY , Ibrahimpatnam, Telangana In Association with Skill To Hire.

22. Participated in a One Week Faculty Development Program on "PYTHON PROGRAMMING II" Organised by Department of Computer Science & Engineering, Anantha Lakshmi Institute of Technology & Sciences, Ananthapuramu, in association with SPOKEN TUTORIAL IIT, MUMBAI, during 03/08/2020 to 08/08/2020.

23. Participated In A Four Day National Level Webinar On "Impact Of Covid – 19 On Indian Economy" Organized By The Department Of Business Administration From 31.07.2020 To 03.08.2020

24. Participated in One Week International Faculty Development Program on "Technologies with Social Relevance" Organized by the Department of Electronics and Communication Engineering, GMR Institute of Technology, Rajam, AP, India, during 27th July, 2020 – 01stAug,2020.

25. Participated in a One Week online Faculty Development Program on "Simulation and Modelling of Data Communications and Networks" Organised by Department of Electronics and Communication Engineering, MGIT, Hyderabad in association with TASK, from 27th to 31st July, 2020

26. Participated in Three Days Online Faculty Development Program on "Academic Transformation with Secrets of Empowerment" held during 23 July, 2020 to 25 July, 2020.

27. Participated in webinar on "Virtual and Augmented Reality in Education" Organized by the Department of Electronics and Communication Engineering, GMR Institute of Technology, Rajam, AP, India on 25th July 2020.

28. Participated in five day International level Online Faculty Development Program on "RESEARCH TRENDS IN IMAGE PROCESSING WITH MACHINE LEARNING AND DEEP LEARNING", Organized by G.Pulla Reddy Engineering College (Autonomous): Kurnool from 21-07-2020 to 25-07-2020.

29. Participated in Three Day National Level Online Workshop on "Introduction to Web Development" conducted during 17th-19th July 2020, Organized by Department of Electronics & Communication Engineering, SRI VASAVI ENGINEERING COLLEGE, Tadepalligudem, Andhra Pradesh in Association with Skill To Hire.

30. Participated in a One Week online Faculty Development Program on "Recent Advances in Biomedical Applications and Communication networks" Organised by Department of Electronics and Communication Engineering, GMR Institute of Technology, Rajam, AP, India during 13th to 18th July, 2020

31. Participated in A National Level One Week Online Workshop for Students on "Fundamentals of MATLAB and Programming" organized by Department of Electronics and Communication Engineering KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE, Warangal from 6th to 11th July, 2020

32. Participated in FIVE Day National Level Online Faculty Development Program on "Trends in Electronics & Communication Engineering" conducted during 22nd-26th June 2020, Organized by Department of Electronics & Communication Engineering, SRI VASAVI ENGINEERING COLLEGE, Tadepalligudem, Andhra Pradesh.

33. Attended a webinar on "Research Paper Writing and Citation Manager" on 21st June 2020 organized by Department of Computer Science and Engineering, P.E. S. College of Engineering, Aurangabad.

34. Participated in one week remote Faculty Development Program on "eSim", Organized by Department of Electronics & Communication Engineering, G H Patel College of Engineering and Technology, Vallabh Vidyanagar in association with Spoken Tutorial, IIT Bombay during 15th to 20th June, 2020

35. Participated in five day faculty development program on "Research Trends in Image processing", Organized by the Department of Electronics and Communication Engineering, GATES Institute of Technology, Gooty during 15th – 19th June, 2020

36. Participated in the webinar on "Launching Nano satellite", Organized by the Department of Electronics and Communication Engineering, GMR Institute of

Technology, Rajam, AP, on 18th June 2020

37. Participated in Mentor Webinar on Physical design in VLSI and Challenges held on 12th June 2020 in association with CoreEL Technologies and Mentor.

38. Participated in one week Awareness program on "MATLAB", Organized by department of E&TC Engineering, and ISTE Student Chapter, SSBT College of Engineering and Technology, Bambhori, Jalgaon, (M.S.) india during 12th – 16th June 2020

39. Participated "Matlab Masters", course from 08-06-2020 to 19-06-2020 conducted by Data Teach Labs

40. Participated in a Three Day International Online Faculty Development Programme on "Technologies for Healthcare" organized by the Department of Electronics and Communication Engineering, GMR Institute of Technology, Rajam, AP, India, during 08th - 10th June 2020.

41. Participated in the Webinar on "Role of Electronics in Analytical Instrumentation", conducted by the Department of EIE and ECE, Adikavi Nannaya University on 30-May-2020 on a Virtual platform

42. Participated in the Three Day National Level Online FDP on "Research Topics in VLSI and Industry Trends" organized by the Department of Electronics and Communication Engineering, GMR Institute of Technology, Rajam, AP, during 29th to 31st May 2020.

43. Attended webinar on "Essential Matlab for Engineers" from 29-05-2020 to 30-05-2020 conducted by Data Teach Labs

44. Attended webinar on EXPANDING SCOPE OF ROBOTICS', on 21st May, 2020 organized by Sri Eshwar College of Engineering, Coimbatore.

45. Participated in Three day online Faculty Development Program on "Recent Trends in Research Methodology", organised by BHIMAVARAM INSTITUTE OF ENGINEERING & TECHNOLOGY during 19 - 21 May 2020.

2019

46. Attended a one day Faculty Development Programme on "Deep Learning with MATLAB" during 13th March 2019, Organized by MathWorks Training Services at JNTUA College of Engineering Ananthapuramu.

47. Attended a two day Faculty Development Programme on "Machine Learning with MATLAB" during 11th - 12th March 2019, Organized by MathWorks Training Services at JNTUA College of Engineering Ananthapuramu.

<p style="text-align:center">2018</p>

48. Attended a three day Hands-on workshop on "Embedded Systems Design Using TIVA" during 19th – 21st April 2018, Organized by JNTUA College of Engineering Ananthapuramu in collaboration with Sapience Consulting, under the Texax Instruments University Program India at JNTUA, Ananthapuramu.

49. Attended a three day Faculty Development Programme on "MATLAB-Signal Processing with Simulink" during 7th - 9th February 2018, Organized by MathWorks Training Services at Sree Vidyanikethan Engineering College Tirupathi.

<p style="text-align:center">2017</p>

50. Attended a one week Faculty Development Programme on "Recent Advancements in XILINX and ASIC Design" in MeitY, Govt. of India sponsored during 16th - 21st December 2017, Organized by E&ICT Academy, National Institute of Technology, Warangal at JNTUA College of Engineering Ananthapuramu (Autonomous), Andhra Pradesh.

51. Attended a ten day Teacher Training Programme on "The Andhra Pradesh Higher Education English Communication Skills Project" during 16th - 27th August 2017, Organized by Andhra Pradesh State Council of Higher Education (APSCHE) at JNTUA College of Engineering Pulivendula.

52. Attended a five day Faculty Development Programme on "Internet of Things (IOT) Advanced level" during 6th - 10th March 2017, Organized by Engineering Staff College of India at JNTUA College of Engineering Pulivendula.

<p style="text-align:center">2016</p>

53. Attended a two day National Level workshop on "Digital Image Processing, Pattern Recognition and its Applications" organized by JNTUA college of engineering, Pulivendula on 19th & 20th September 2016.

54. Attended a five day Hands-on training on "VLSI Design Flow using Xilinx Vivado targeting Xilinx 7-Series FPGA and ZynqSoc architecture" organized by CoreEL Technologies (India) Private Limited, Bangalore during 6th-10th September 2016.

55. Attended a Two day National Level National Level workshop on "VLSI Design Advancements using Xilinx Tools" organized by JNTUA college of engineering, Pulivendula on 26th & 27th August 2016.

56. Attended a two day National Level Hands-on Training Program on "MSP 430 and TIVA Micro controllers" organized by JNTUA college of engineering, Pulivendula

on 23rd & 24th July 2016.

57. Attended a two day workshop on "Linear Integrated Circuits: A Systems Approach" by Department of Electronics & Communication Engineering JNTUACEP, Pulivendula during 25th -26th September 2015.

58. Attended a two day workshop on "Digital Image Processing and pattern recognition using MATLAB-(DIP-PRM 2014)" Organized by Dept of Electronics & Communication Engineering JNTUACEP, Pulivendula during 24th -25th January 2014.

59. Attended a two day workshop on "Real time embedded system design concepts (RTESDC-2012)" Organized by Department of ECE , JNTUACEP during 16th -17th March 2012.

60. Attended a Five day Faculty Development Programme on "Faculty Empowerment Programme MISSION 10X" organized by Wipro Technologies held at JNTUA College of Engineering , Pulivendula during 26th - 30th December 2011.

Awards or Recognitions:

1. Received Guru Spandana Puraskar 2023 award on 17.09.2023 by Spandana Eda International Foundation

Certification Courses:

1. Achieved the certification "Microsoft Certified: Azure AI Fundamentals" Certification Number: I658-8261, on March 18, 2023.

2. Achieved the certification "Microsoft Certified: Azure Data Fundamentals" Certification Number: I636-0808, on March 2, 2023.

3. Achieved the certification "Microsoft Certified: Azure Fundamentals", on October 28, 2022.

4. Acted as mentor for the NPTEL Online Certification Course "Hardware Modeling Using Verilog" Organized by NPTEL, IIT Madras in the phase between July – October 2018.

5. Participated as a faculty in charge for the topic "Software Aspects – Micrprocessors and Microcontroller – 8086" of the QEEE initiative Organized by JNTU College of Engineering, Pulivendula in collaboration with INDIAN INSTITUTE OF

TECHNOLOGY MADRAS in the phase between January – April 2018.

6. Attended One month online course on "An introduction to programming the Internet of Things (IoT)" Organized by JNTU College of Engineering, Pulivendula in collaboration with University of California, Irvine by APSSDC in the month of May 2018.

Declaration:

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

(Sri. K. Siva Chandra)

Date: 12-02-2024

Pulivendula.