

Profile

Name of the Faculty		Dr.V.S.D.REKHA				
Designation		M.Tech, PhD				
Department		Electronics and Communication Engineering				
Date of Birth		10-05-1980				
DOJ the Institution		07-10-2009				
Employee ID		ECE060391				
Address for communication		H.No;8-194/2,Sri Venkata Sai Nilayam, Mythri nagar,Kanuru,Vijayawada,Andhra Pradesh-520007		Permanent Address	H.No;8-194/2,Sri Venkata Sai Nilayam, Mythri nagar,Kanuru,Vijayawada,Andhra Pradesh-520007	
Mobile No		9440118675		Email-ID	vdsrekha@pvpsiddhartha.ac.in	
AICTE Unique ID		1-454503253			APAAR : '588245158310	
Education Qualifications	UG	PG	Ph.D	Others		
	B.Sc (1 st class with distinction)	M.Sc (1 st class with distinction) M.Tech (1 st class with distinction)	Analytical study on Compact Notch band Frequency reconfigurable MIMO Antenna			
Work experience	Teaching	Research			Industry	Others
	15 years					
Area of Specialization		Communications and Signal Processing				
Courses taught at Under Graduate/ Post Graduate Level: Under Graduate: Electronic Devices and Circuits, Basic electrical and electronics engineering, Basic Electronic Devices and Circuits, Analog Electronic Circuits, Pulse and Digital Circuits, Microprocessors and Interfacing, Microprocessors and Microcontrollers, Cellular and Mobile Communications, Digital Image Processing, Satellite Communications, Antenna and wave propagation, Analog circuits, Internet of things, Universal human values, E-Waste management, Telecommunications and switching theory. Post Graduate Level: Wireless Communication Networks, Fiber Optic Communication networks						
Professional Memberships & ID's: ISSE: LM03778, ISTE: LM102526, IAENG: 194783						
Research Publications & Guidance	National Journals	International Journals	National Conferences	International Conferences	Patents	Books / Book chapters
	-	15	01	11	07	02
	Masters			-		

<p>Details of Paper Publications (In IEEE Format only Descending order)</p>	<p><u>Journals:15</u></p> <ol style="list-style-type: none"> 1. V.S.D.Rekha, et al., "Isolation Improvement of UWB-MIMO Design Using Elliptical Stub", IETE Journal of Research, ISSN: 0377-2063, Page no:159-170, Vol 71, Issue 1 2. V.S.D.Rekha, et al., "Design and analysis of Minkowski fractal shaped metasurface absorber with broadband and polarization-insensitive characteristics using a tunable graphene layer for terahertz applications", Physica Scripta, ISSN no: 0031-8949, Page no: 085934, Issue 8 Aug-2024. 3. V.S.D.Rekha, et al., "SKIN ABRASIONS IDENTIFICATION WITH VISUAL GEOMETRY GROUP CNN", Journal of Theoretical and Applied Information Technology, ISSN no: 1992-8645, Page no(s): 1250-1259, 29th Feb 2024. Vol.102. No 4. 4. V.S.D.Rekha, et al., "NOVEL DESIGN OF VOLUMETRIC ANTENNA FOR WIDEBAND APPLICATIONS", Journal of Theoretical and Applied Information Technology, ISSN no: 1992-8645, Page no(s): 1250-1259, 15th Feb 2024. Vol.102. No 3. 5. V.S.D.Rekha, et al., "A Metamaterial Inspired Multiband Conformal Bandpass Filter with Improved Quality factor for Sub-6GHz Wireless Communication Applications", Journal of Circuits, Systems and Computers, ISSN no: 0218-1266, page no:33, Issue 6, page no: 2450098, Oct 2023, 6. V.S.D.Rekha, et al., "NEW SERVICES AND APPLICATIONS CAN LEVERAGE THE POWER OF LOW RELIABLE AND LATENCY COMMUNICATION FOR MISSION CRITICAL DISTRIBUTED INDUSTRIAL INTERNET OF THINGS" Journal of Theoretical and Applied Information Technology, ISSN no: 1992-8645, Page no(s): 5029-5036, 30th June 2023. Vol.101. No 12. 7. V.S.D.Rekha, et al., "INTERNET OF THINGS FOR EFFORT ESTIMATION AND CONTROLLING THE STATE OF AN ELECTRIC VEHICLE IN A CYBER ATTACK ENVIRONMENT", Journal of Theoretical and Applied Information Technology, ISSN no: 1992-8645, Page no(s): 31st May 2023. Vol.101. No 10. 8. V.S.D.Rekha, et al., "Triple band Textile Array Antenna with Enhanced Gain and Low SAR for Off Body Communication Applications", International Journal on Recent and Innovation Trends in Computing and Communication, ISSN no.: 2321-8169, Page no(s): 44-51, Jun-2022, 9. V.S.D.Rekha, et al., "A Compact Dual Notch Frequency Reconfigurable Antenna for WIMAX, DSRC, RADAR and KU BAND Communication Applications"-Information Technology in Industry, ISSN (Online): 2203-1731 Vol. 9, No.2, 2021, 10. V.S.D.Rekha, et al., "Dual Band Notched Orthogonal 4-Element MIMO Antenna With Isolation for UWB Applications" - IEEE Access ISSN: 2169-3536, Vol:8, Issue:3, Page No: 145871-145880, Aug-2020. 11. V.S.D.Rekha, et al., "Dual Band Notched CPW Fed Printed Monopole Antenna for UWB Applications" International Journal
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of Intelligent Engineering & Systems(IJIES), ISSN : 2456-3463, Vol.13, Jan 2020.

12. V.S.D.Rekha, et al.,“Arduino Based Smart Indoor Ambiance Monitoring and Controlling System”, Journal of Engineering Research and Application, ISSN: 2248-9622, Vol. 9, Issue 4 (Series -IV), pp 29-32, April 2019.
13. V.S.D.Rekha, et al.,“Heart-Rate Monitoring System Using Node MCU”, Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol. 6, Issue 4, April 2019.
14. V.S.D.Rekha, et al.,“Smart Indoor Ambiance Monitoring and Controlling System Using IoT”, International Journal of Advanced Research Trends in Engineering and Technology, ISSN: 2394-3777, Vol. 6, Issue 1, Jan-2019.
15. V.S.D.Rekha, et al.,“Home Automation Based On IoT Using Google Assistant”, International Journal of Advanced Research Trends in Engineering and Technology, ISSN: 2394-3785, Vol. 6, Issue 1, Jan-2019.

Conferences: 12

1. Dr. V.S.D.Rekha, et al., presented a paper titled “AI Driven Pathole Recognition and Autonomous Vehicle Alert System” 5Th International Conference on Smart Electronics and Communication ICOSEC held during 18-09-2024 and 19-09-2024, Trichy India, ISBN: 979-8-3315-0440-3.
2. Dr. V.S.D.Rekha, et al., presented a paper titled “STM32 Based Solar Wireless Charging Station for EVs” International Conference on Sustainable Communication Networks and Application, ICSCNA 2023 -Proceedings, 2023,Theni, India, held during 15-17 November 2023,pp. 768–772,Electronic ISBN:979-8-3503-1398-7.
3. Dr. V.S.D.Rekha, et al., presented a paper titled “Healthcare Monitoring Wearable Microstrip Patch Antenna for Elder People with Acceptable SAR”, 2nd International Conference on Electrical Electronics Information and Communication Technologies ICEEICT during 05-04-2022 to 07-04-2023, ISBN:979-8-3503-9763-5.
4. Dr. V.S.D.Rekha, et al., presented a paper titled “Employing Industry 4.0 to Supervise Soil Supplements and Estimate its Content” 7th International Conference on Computing Methodologies and Communication (ICCMC) held during 23-25 feb 2023, Erode, India,Electronic ISBN:978-1-6654-6408-6.
5. Mrs V.S.D.Rekha, et al., presented a paper titled “Condition Monitoring And Detection Of Hazardous Gas Leakage Using Smart Device”, International Conference on Electronica and Renewable Systems (ICEARS 2022), organized by St. Mother Theresa Engineering College, Tuticorin, Tamil Nadu,India held on 16-18 March 2022
6. Mrs V.S.D.Rekha, et al., presented a paper titled “Design and Development of Ultra-Wide Band Antenna with Tri Band Notch”,

	<p>International Conference on Smart Systems and Inventive Technology(ICSSIT2022), organized by Francis Xavier Engineering College, Tuticorin, Tirunelveli, India held on 20-22 January 2022.</p> <p>7. Mrs V.S.D.Rekha, et al., presented a paper entitled “Analytical Study on Compact Notch band MIMO Antenna for WiMAX and Military/Radar Applications”, International conference on Signal Processing & Communication Engineering Systems (SPACES-2021) during 11 th & 12 th June 2021 organized by Koneru Lakshmaiah Education Foundation (KLEF),Guntur District,Andhra Pradesh.</p> <p>8. Mrs V.S.D.Rekha, et al., presented a paper entitled “Morse Code Detector Using Msp430 Lunch Box” - Yogananda International Conference on Contemporary Issues in Social Sciences, ISBN/ISSN number of the proceeding: 978-81-951936-3-9, Pg No: 12-20, organized at Shoolini University, Solan, Himachal Pradesh, India, on 04th Apr’2021.</p> <p>9. Mrs V.S.D.Rekha, et al.,presented a paper entitled “Analysis of MRI and CT Medical Image Fusion Using Synchronized Anisotropic Diffusion Model” Technology for Impactful and Sustainable Development of the Society TISDS2020, G.Pullaiah College of Engineering and Technology, Kurnool, Andhra Pradesh, 15-12-2020 to 16-12-2020.</p> <p>10. Mrs V.S.D.Rekha, et al., presented a paper entitled “A Compact Flower Shape Antenna for Multi-band Operation in C, X & Ku Band” in International Conference on Data, Engineering and Applications (IDEA 2K20) organized by Rajiv Gandhi Proudyogiki Vishvavidyalaya-University in Bhopal, India from 28th and 29th February 2020.</p> <p>11. Mrs V.S.D.Rekha, et al., presented a paper entitled “Design of ultra-wide band Antenna for Bluetooth and Wi-Fi Applications” in 5th International conference on Inventive Computation Technologies(ICICT2020) organized by RVS Technical, Coimbatore, India on 26th February 2020,</p> <p>12. Mrs V.S.D.Rekha, et al., presented a paper entitled “Induction Motor Condition Monitoring And Controlling Based on IOT”, 4TH International Conference on New Frontiers of Engineering, Science, Management and Humanities (ICNFESMH-2017) at The Institution of Electronics and Telecommunication Engineering, Osmania University Campus, Hyderabad, INDIA on 3rd September 2017.</p> <p><u>Book Chapters:02</u></p> <p>1.Dr.V.S.D.Rekha, et al., published a book chapter titled ”Dynamic Energy Model For Internet Of Things (iot)-integrated Energy Consuming Sensors”, page no:313-323, 01-Jan-2024, DOI: 10.4018/979-8-3693-2069-3.ch016</p>
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	<p>2. Mrs V.S.D.Rekha, et al., published a book chapter titled “Dual Strip Flag Microstrip Patch Antenna for Millimeter Wave Applications” - 8 th International conference on Microelectronics, Circuits & Systems, Pg No:557-568,published online on June 2023,Lecture notes in Electrical Engineering (LNEE Vol 976) , Electronic ISSN:1876-1119,organized by Applied Computer Technology Kolkata, West Bengal, India, on 8th and 9th May'2021.</p>
Details of Patents Published / Granted	<p><u>Patents Published / Granted: 05/02</u></p> <ol style="list-style-type: none"> 1. Dr.V.S.D. Rekha, Assistant Professor received a patent grant titled, “Drowsy Driver Alert System”, with the application number: 414422-001, dated: 22-04-2024,Granting Organization: Indian Patent Office. 2. Dr.V.S.D. Rekha, Assistant Professor published a patent titled, “Kirigami shaped metasurface with pentabands for terahertz applications”, with the application number:202341033028A, dated: 18-08-2023,Granting Organization: Indian Patent Office. 3. Dr.V.S.D. Rekha, Assistant Professor published a patent titled, “Smart Egg Incubator”, with the application number: 385498-001, dated: 03-05-2023,Granting Organization: Indian Patent Office. 4. Dr.V.S.D. Rekha, Assistant Professor received a patent grant titled “Banana Bunch Hanger’, with the application number:360010-001, dated: 17-06-2022, Granting Organization: Indian Patent Office. 5. Dr.V.S.D. Rekha, Assistant Professor published a patent titled “Isotropic Antenna Based On Ai & MI Interface Having Multifunctional Guide-wire Assemblies”, with the application number: 202141036940 A, dated: 20-08-2021, Granting Organization: Indian Patent Office. 6. Mrs. V.S.D. Rekha, Assistant Professor published patent titled “A Wireless Automation System for Monitoring and Managing the Power Consumption by Embedded RFID and IoT” with the application number:202141001660A, dated:22-01-2021, Granting Organization: Indian Patent Office. 7. Mrs. V.S.D. Rekha, Assistant Professor published patent titled “A Novel Dual band Antenna for wireless body Area Network, with application number: :201911037562A, dated on 27.09.2019, Granting Organization: Indian Patent Office.
Details of Certification Courses / Workshops / STTP's / FDP (participated / organized)	<p>From 2009 Oct to 31st May 2020: Workshops/seminars/webinars/guest lectures- 27 Fdp's -18</p> <p>FDP ATTENDED 2024-2025:</p> <ol style="list-style-type: none"> 1. Attended five day faculty development program on “Next-Generation Wireless Communication Systems: Trends, Technologies and Future Directions” organized by Dept. of ECE, LBRCE, Mylavaram during 10th- 14th February 2025.

	<ol style="list-style-type: none"> 2. Attended one week faculty development program on “AI for Engineering Applications” organized by NITTTR Chandigarh during 4th- 8th November 2025. 3. Attended five days FDP on IoT and Embedded Systems sponsored by NITTTR Chandigarh and organized by Department of ECE, PVP Siddhartha Institute of Technology in association with Entuple Technologies during 23rd – 27th September, 2024. 4. Attended five days FDP on Microstrip Patch Antenna Design Techniques and Tools organized by Department of ECE, PVP Siddhartha Institute of Technology in association with Entuple Technologies during 16th – 20th September, 2024 5. Attended five days FDP on "Advanced Antenna Technologies for Sensing and Imaging Applications" during 2nd – 6th September, 2024 6. Attended seven days FDP on Industrial Applications of Embedded systems and IOT organized by Department of ECE, Raja Lakshmi Engineering College during 22nd – 28th August, 2024 7. Attended one week Online FDP on Semiconductor Devices, Modeling and Circuit Technology organized by Lendi Institute of Engineering and Technology during 19th – 24th August, 2024 8. Attended one week Online FDP on Graphics and Animation through Open Source Tools for making MOOCS organized by Media Engineering Department, NITTTR Chandigarh during 19th – 23rd August, 2024 9. Attended five days Online FDP on The Art & Science of Generative AI during 2nd – 6th August, 2024 10. Attended eight days Online FDP on Latest developments in RF Technologies in 5G and beyond organized by Department of ECE in association with IIC IEEE Communications society during 30th July – 6th August, 2024 11. Attended nine days Online FDP on NEP 2020 Orientation & Sensitization Programme organized by MMTTC, Osmania University, Hyderabad, Telangana during 24th June – 2nd July, 2024 <p>2023-2024:</p> <ol style="list-style-type: none"> 1. Attended three day FDP on Impact of AI: Robotics, VLSI and Medical Domains, organized by VVIT, ECE during 22nd June – 27th April, 2024 2. Attended one week FDP on Empowering Educators: Advancements in Computing Pedagogy”, organized by Department of Artificial Intelligence & Data Science, Viswakarma Institute of Technology, Pune during 12th – 17th February, 2024 3. Attended five day FDP on 5G and beyond organized by NITTTR Chandigarh during 5th – 9th February, 2024 4. Attended one day FDP on Practical Implementation of Artificial Intelligence & IoT in Engineering solutions organized by PVPSIT on 25th January, 2024 5. Attended seven day FDP on Quantum Signal Processing, organized by Lakireddy Bali Reddy College of Engineering, Mylavaram on 14th – 20th December, 2023 6. Attended one week FDP on Novel Materials, Devices and Applications, organized by VRSEC on 11th – 16th December, 2023
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7. Attended one week FDP on Recent Advancements in VLSI Design and Fabrication: From Theory to Practice, organized by Dhanekula Institute of Engineering and Technology on 4th – 9th December, 2023
8. Attended five day FDP on IoTs and Sensor Networks, organized by NITTTR Chandigarh on 9th – 13th October, 2023
9. Attended five day FDP on Trends in Technological Intelligence 2023 (T2I-2023), organized by BBDNIIT, Lucknow on 21th – 25th August, 2023
10. Attended twelve day FDP on Neural Networks and Fuzzy Logic, organized by NITTTR on 21th August – 01st September, 2023
11. Attended six day FDP on Antenna for 5G Communications & beyond organized by Dept. of ECE in association with IETE Aditya Engineering College Surampalem during on 3rd – 8th July, 2023

2022-2023:

1. Attended five day FDP on Recent Trends in Data Science for Engineering” organized by Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana in association with CBIT IEEE-RAS student branch chapter from 26th – 30th June 2023
2. Attended five day FDP on Design of High-frequency Antennas for Real-time Applications (DHARA-2023)” jointly organized by the Department of ECE of GMR Institute of Technology, Rajam and the Department of ECE of VR Siddhartha Engineering College, Vijayawada, Andhra Pradesh on 14th -18th March, 2023
3. Attended six day FDP on Antenna & Wireless Technologies Conducted by Dept. of ECE at PVP Siddhartha Institute of Technology, Kanuru, Vijayawada, organized by NITTTR rom 20th – 24th February 2023
4. Attended six day online FDP on UHV-II organized by All India Council for Technical Education (AICTE) from 13th - 18th February 2023
5. Attended three day offline FDP on Design and Practical Aspects of RF Devices, MEMS and Antennas for 5G Communications, Radar and Electronic Warfare organized by VR Siddhartha Engineering College during 14th – 16th December 2022
6. Attended 2 week offline FDP on Internet of things based green energy technologies organised by LBRCE during 17th – 29th October 2022
7. Attended five day offline FDP on Enhancing Research Capabilities for Academic Career Progression organized by NITTTR Chandigarh during 5th – 9th September 2022
8. Attended six day FDP on Amazon Web Services (AWS) Organized by Department of ECE, School of Technology, GITAM (Deemed to be University), Hyderabad in collaboration with BrainOVision Solutions India Pvt.Ltd & All India Council For Technical Education (AICTE) during 22nd – 27th August 2022
9. Attended three day FDP on 5G Wireless Communication Technology, organised by IEEE India Council, from 28th – 30th July 2022

2021-2022:

1. Attended one day FDP on Innovations and Entrepreneurship area in current Indian IPR frame work, organised by Department of Business Administration, PVPSIT on 12th May 2022
2. Attended two day FDP on Machine Learning: Techniques and Applications, organised by Department of IT, PVPSIT from 22nd – 23rd April 2022
3. Attended five day FDP on Microwave and beyond: Present and Futuristic Wireless Communication Systems, organised by Kalimpong Government Polytechnic from 4th – 8th April 2022
4. Attended two day FDP on Disruptive Technologies in Communication organized by Sairam Institute of Technology Chennai from 30th – 31st March 2022
5. Attended five day FDP on Innovation, Incubation and Entrepreneurship, organized by National Institute of Technology, Meghalaya from 22nd – 26th March 2022
6. Attended five day FDP on Advanced Communication Systems, organized by NITTTR-Chennai from 28th February – 4th March 2022
7. Attended six day FDP on Advancements on Antenna Technologies for future Applications, organised by VRSEC from 14th – 19th February 2022
8. Attended two week FDP on Outcome Based Curriculum Design and Implementation organized by NITTTR Kolkata from 2nd – 13th August 2021
9. Attended five day FDP on Inculcating Universal Human Values in Technical Education organized by AICTE, NEW Delhi from 5th – 9th July 2021

2020-2021:

1. Attended eight day FDP on AI-MIMO millimeter wave and Massive MIMO Applications for 5G Wireless Networks using AI organized by GRIET from 25th January – 1st February 2021
2. Attended six day FDP on Effective Engineering Teaching Practices organized by PVPSIT from 18th – 23rd January 2021
3. Attended six day FDP on AIMIMO Millimeter (Mm) Wave And Massive MIMO Applications for 5G Wireless Networks Using AI (Applications of AI for 5G and Beyond) organized by GRIET during 14th – 19th December, 2020
4. Attended six day FDP on AIMIMO Millimeter (Mm) Wave And Massive MIMO Applications for 5G Wireless Networks Using AI organized by GRIET during 16th – 21st November, 2020
5. Attended four day FDP on Challenges and Opportunities of Energy and Sensor Applications organized by JNTUACEA under TEQIP-III during 23rd – 26th September, 2020
6. Attended five day FDP on Recent Trends in Antennas organized by IEEE Antennas & Propagation society Madras Section in association with Sathyabama Institute of Science and Technology Chennai during 7th – 12th September, 2020
7. Attended two day FDP on High Impact Teaching Skills and Mind Mapping for Better Teaching organized by the Department of Commerce, Manipal Academy of Higher Education, Manipal during 19th – 20th August, 2020

8. Attended five day FDP on Value Addition on Emerging Information Technologies conducted by the Faculty of Computer Applications, Dr. M.G.R. Educational and Research Institute, Chennai during 10th – 14th August, 2020
9. Attended Online Faculty Development Program on "IPR & Innovation Management in Engineering Science" organized by PVPS Institute of Technology Vijayawada on 8th August 2020
10. Attended fifteen day FDP on Fundamentals of Radar Signal Processing-1 organized by Dept. of ECE, RISE Krishna Sai Prakasam Group of Institute, Ongole in association with IETE Chapter during 27th July – 11th August, 2020
11. Attended five day FDP on Technologies with Social Relevance organized by GMR Institute of Technology, Rajam, Andhra Pradesh during 27th July – 1st August, 2020

Workshops/Seminars/Webinars/Guest Lectures:

2024-2025:

1. Attended a session on “Union Budget 2025-2026: Analysis and Insights” at PVPSIT organized by the Department of Business Administration on 5th February 2025
2. Attended One day workshop on “Research Grant Writing” to young Ph.D. holders on 5th December 2024
3. Attended Two day workshop on demonstration of PCB machine conducted by IQAC, organized by Dept. of ME, PVPSIT on 2nd and 3rd December 2024
4. Attended One day seminar on “Cancer Awareness” organized by ICC & Women’s Cell. PVPSIT on 29th November 2024

2023-2024:

1. Attended a webinar on Lean start-up & minimum viable product /business mentoring session on 8th May 2024
2. Attended 2 day workshop on Antenna design for modern wireless applications organized by Department of ECE PVP Siddhartha Institute of Technology in association with Entuple Technologies on 21st and 22nd May 2024
3. Attended a seminar on Physical Layer Security for Next-Generation Wireless Networks organized by IEEE Student Branch MNNIT Allahabad on 2nd May 2024
4. Attended a National virtual seminar on Innovation in AI Tools for Effective PR Communication organized by Department of Visual Communication in Association with Public Relation Society of India on 27th April 2024
5. Attended a seminar on Converting Innovations into Startup organized by Smt. RadhaDevi Goenka College for Women on 22nd April 2024
6. Attended a seminar on mm-Wave System and Circuit Design for Highly-Integrated Radar Transceivers organized by IEEE Student Branch MNNIT Allahabad on 20th April 2024
7. Attended a webinar on Accelerator or Incubation Opportunities for Students and Faculties Early Stage Entrepreneurs on 1st April 2024
8. Attended a webinar on Prototype/Process design & development on 30th March 2024

	<ol style="list-style-type: none"> 9. Attended a 5 day workshop on Quality Research Paper and Funding Proposal Writing organized by Department of EEE, PVPSIT from 11th – 15th March 2024 10. Attended a one day workshop on The Digital Leap in Learning: GENAI Tools for Academic Empowerment, organized by PVPSIT on 2nd March 2024 11. Attended a National level webinar on Process of Innovation Development Technology Readiness Level: Commercialization of Lab Technologies and Tech - Transfer on 15th February 2024 12. Attended a seminar on MIPI Camera using zinq FPGA organized by SION Versity on 24th January 2024 <p>2022-2023:</p> <ol style="list-style-type: none"> 1. Attended a guest lecture on Distributed Phased Arrays: Challenges and Recent Progress organized by IEEE MTT-S KERALA SECTION, IEEE APS, MTT-S SBC IIST in association with IEEE APS and MTT-S SBC GECBH sponsored by IEEE MTT-S Government Engineering College Barton Hill on 27th January 2023 2. Attended a guest lecture on IP Awareness/Training program organized by Intellectual Property Office (IPO), sponsored by (NIPAM) on 11th January, 2023 3. Attended an All India Seminar on 5G The New Radio" organized by Department of Electronics & Communication Engineering, Prasad V Potluri Siddhartha Institute of Technology, Kanuru Vijayawada, in association with The Institution of Engineers India (IEI), Andhra Pradesh State Centre on 14th & 15th October 2022 4. Attended a guest lecture on IP Awareness/Training program organized by Intellectual Property Office (IPO), sponsored by (NIPAM) on 12th October, 2022 5. Attended a webinar on Semiconductor Electronics for High Power/High Speed Reconfigurable RF and Microwave Electronics", delivered by Prof. Robert H. Caverly of Villanova University, Villanova, PA USA and Jointly organized by IEEE MTT-S Student Branch Chapter (SBC), NIT Silchar, IEEE Silchar Subsection, and Department of ECE, NIT Silchar on 9th September 2022 6. Attended two day online workshop on 5G Noma Communications organized by CVR College of Engineering Hyderabad, Telangana on 12th and 13th August 2022 7. Attended a one Day Online Seminar on Intellectual Property Rights with Focus on Patent Filing, organized by the IEEE Student Branch of National Institute of Technology Puducherry, Karaikal, on 25th July, 2022 8. Attended a guest lecture on Designing and Analysis of equivalent circuits in ADS tools, IEEE Delhi section Antenna and Propagation Society Jaipur on 20th July 2022 <p>2021-2022:</p> <ol style="list-style-type: none"> 1. Participated in one day webinar on Design and Implementation of Outcome Based Curriculum organized by NITTTR, KOLKATA on 19th March 2022
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	<ol style="list-style-type: none"> 2. Attended a one day online seminar on "Guidelines for Quality Publication of Project Works" organized by Department of CSE in association with IQAC, under AICTE MARGDARSHAN on 04th February 2022. 3. Attended a seminar on Indian STI Ecosystem and Funding Opportunities for Young Researchers on 22nd January 2022 4. Participated in International level seminar on Protecting Innovation through Intellectual Property Rights with focus on Copyright, Patent and Trademark organized by Dept. of Visual Communication, Sathyabama Institute of Science and Technology on 4th September 2021 5. Participated in a workshop on Insights of Research in Image and Video Processing organized by Pimpri Chinchwad College of Engineering, Pune and SIG Coordination Team during 20th – 24th July 2021 6. Participated in Webinar on Advancements in EV technology and Path Forward Organized by Department of EEE, Hindustan Institute of Technology and Science held on 13th July 2021 7. Participated in the Online Webinar on "Student Centered Learning" Conducted by NITTTR CHENNAI in Collaboration with IEEE Education Society Chapter, Hyderabad Section ON 15th June 2021 <p>2020-2021:</p> <ol style="list-style-type: none"> 1. Participated in webinar on Empowering women through Entrepreneurship organized by Women's Cell, PVPSIT, Vijayawada on 10th March 2021 2. Attended a webinar on Webinar on "Innovation in Education technology and Value Creation in Pedagogy" organized by PVPS Institute of Technology Vijayawada on 16th February 2021 3. Attended a guest lecture on Effective and efficient writing of research papers for the web of science Scopus indexed journal and Conference papers using typeset Research studio organized by Vidyavardhaka College of Engineering Mysore Karnataka on 29th December 2020 4. Attended a guest lecture on Legal Awareness with Special Reference to Digital Etiquette organized by Women's cell of PVPSIT and P.B.Siddhartha college of Arts & Science on 16th December, 2020 5. Participated in Framing COs and their mapping with POs organized by Dept.of ECE, PVPSIT on 11th December, 2020 6. Participated in webinar on System Engineering Aspects of Artificial Intelligence in Robotics organized by ISRO Bangalore on 14th October, 2020 7. Participated in one day webinar on New National Education Policy - 2020 organized by P V. P Siddhartha Institute of Technology & P. B. Siddhartha College of Arts & Science, Vijayawada on 13th October, 2022 8. Participated in webinar on Learn how AI has created new opportunity organized by Pearson India 10th October, 2020 9. Participated in webinar on writing a Research Paper with ease organized by Prasad V Potluri Siddhartha Institute of Technology on 29th September, 2020
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10. Participated in webinar on LabVIEW for Artificial Intelligence organized by Dept of ECE, P V P Siddhartha institute of Technology on 2nd September, 2020
11. Attended a One day Online Webinar on "Implementing Quality Circles in the Institute" organized by PVPSIT on 21st August, 2020
12. Participated in webinar on Applications of Image Processing in Emerging Field with Hands on Tutorial organized by Dept. of ECE, Malla Reddy Institute of Technology and Science, Telangana on 14th August, 2020
13. Participated in webinar on Security and Privacy Concerns in Online Teaching -Learning organized by Internal Quality Assurance Cell, College of Education, Barshi on 5th August, 2020
14. Participated in webinar on Bio Inspired Machines and Product Innovations: What can an ECE Professional Learn to emulate from Nature organized by Dept. of ECE, Madanepalle Institute of Science & Technology, A.P. on 3rd August, 2020
15. Participated in webinar on Advanced Antenna Design for Emerging Wireless Technologies organized by Dept. of ECE, Vidya Jyothi Institute of Technology, Hyderabad in collaboration with ISTE Student Chapter on 1st August, 2020
16. Participated in webinar on Embedded System and IoT organized under Citronics club organized by Dept. of ECE, City Engineering College on 13th July, 2020
17. Participated in webinar on Trends using Internet of Things (IoT) organized by Dept. of ECE, Mount Zion College of Engineering and Technology, Pudukkottai on 10th July, 2020

NPTEL/Infosys Spring Board/Coursera Certification Courses:

1. Received Elite certificate under NPTEL online certification course was conducted by IIT from July - October 2023 for the subject "Problem Solving Through Programming in C" with a score 60 %
2. Received Elite + Silver certificate under NPTEL online certification course was conducted by IIT from August - October 2023 for the subject "Accreditation And Outcome Based Learning" with a score 82 %
3. Received Elite + Silver certificate under NPTEL online certification course was conducted by IIT from January-April 2023 for the subject "Introduction To Internet Of Things" with a score 79 %
4. Successfully completed "Internet of Things 101" on Infosys Spring board on 25.01.2022
5. Successfully completed "Wireless Communications for Everybody" Coursera Online Course offered by Yonsei University on 21.08.2021
6. Successfully completed "Introduction to Programming with MATLAB" Coursera Online Course offered by Vanderbilt University on 03.08.2020
7. Successfully completed "Introduction to the Internet of Things and Embedded Systems" Coursera Online Course on 17.06.2020 offered by University of California, Irvine.

	8. Successfully completed “Introduction to Electronics” Coursera Online Course on 18.06.2020 offered by Georgia Institute of Technology.
Details of Projects Applied / Awarded	--
Any Other information	<p><u>Expert Talks:</u></p> <ol style="list-style-type: none"> 1. Delivered an expert talk in one week FDP on “Embedded Systems and IOT” organized by Dept. of Mechanical engineering in association with Dept. of ECE, PVPSIT from 1st – 6th July 2024 2. Delivered Two day hands on session for the participants of AICTE Training and Learning (ATAL) Academy Hybrid FDP on Applications of IoT in Mechanical Engineering organized by Dept. of Mechanical Engineering, PVPSIT on 23rd & 24th November, 2022 3. Delivered a Three-day workshop on Design & Development of IoT Systems for Targeted Applications for the students from various engineering colleges from 28th – 30th July 2022 <p><u>Reviewer/Session Chair:</u></p> <p>Served as reviewer for reputed Scopus indexed international journals, acted as reviewer and session chair for various IEEE Conferences.</p> <p><u>Judge:</u></p> <p>Acted as judge for various technical events such as Idea Presentation Competition, The Shape Challenge, Technical Elocution Competition, Impact of Social Media on students, Startup Idea Competition</p> <p><u>Coordinator:</u></p> <p>Coordinator for One day Seminar on Technical Advances for Smart Systems Development-OSTASSD2024 Organized by The Institution of Engineers (India) In Association with Department of Electronics and Communication Engineering, PVPSIT.</p>

Signature