Name	Dr.J.Manikandan	

Designation	Professor	
Qualification	PhD	
Area of Specialization	VLSI, Communication Systems, Antennas, RF & Microwaves	

Experience as on Jan 2026	Industry Experience	Teaching Experience
	0	25 Years

Number of FDP/STTP/Workshop Attended	FDP	STTP	Workshop
	75	39	21

Publications	Conference		Journals	
	National	International	National	International
	04	09	05	09

Patents	National	International
	07	-

Professional Body membership	1. Indian Society for Technical education Life Member 2. Institution of Electronics and Telecommunication Engineers – Life Member 3. International Association of Engineers 4. Institute of Electrical and Electronics Engineers.

Journal Publications:

1. Gopinath, G and **Manikandan, J** ' Cost Effective Motion Estimation Processors

Design for Advanced Video Coding' International Journal of Research in Engineering & Advanced Technology, Vol.1(1), ISSN: 2320-8791,2013

2. **Manikandan, J**. and Manikandan, M. 'Design of Single Error Correction – Double Adjacent Error Detection-Triple Adjacent Error Detection- Tetra Adjacent Error Detection-Tetra Adjacent Error Detection (SEC-DAED-TAED-TETRA AED) Codes', International Journal of Applied Engineering Research, Vol.11, No.6, pp.4440-4444, 2016.

3. **Manikandan, J** & Manikandan, M, 'VLSI based Pipelined Architecture for Radix-8 Combined SDF-SDC FFT', Indian Journal of Science & technology, vol.29 No 28 , ISSN 0974-5645, 2016

4. **Manikandan, J** & Manikandan, M 'Optimized BPSK and QAM Techniques for OFDM systems', International Journal of Control Theory and Applications, vol 9(6), ISSN: 0974-5572, 2016

5. **Manikandan, J** & Manikandan, M 'Design of Reconfiguration Based Modulation and Demodulation Scheme for OFDM System', Indian Journal of Public Health Research & Development, vol 9(3), 2018,

6. **Manikandan, J**, Karthika Devi, R, Sushmitha, M, Pooja R,' High Gain Vivaldi Antenna for Radar and Wi-Fi Application' International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), vol 6, Issue 7, ISSN 2394-2320, 2019

7. **Manikandan, J**, Mangaiyarkarasi, V, Subramanian, P 'Performance Examination of OFDM Modulation Techniques in LTE 4G' International Journal of Engineering and Advanced Technology (IJEAT), vol 9, Issue 2, ISSN: 2249 – 8958, 2019

8. Gangireddy Bala Vardhan Reddy,. **Manikandan J**, Dalavai Rithish, Kiran B ' CPW fed wideband S Shaped Patch antenna for L band applications' International Journal of All Research Education and Scientific Methods (IJARESM), vol10, Issue 6, 2022

9. **Manikandan J**, ThankamM, Aiswarya K P, Radha S, Sign Language to 'Voice Recognition System Using Raspberry Pi' Journal on Digital Signal Processing, Vol 8, Issue 2, 2020

10. **Manikandan J,** Mangaiyarakarasi V, Rathna Priya K, Ramjan Begam M, " Design a Virtual Telepresence Robot using Virtual Reality" Semiconductor Optoelectronics, Vol 41, Issue 11, 2022.

11. Premalatha G, Mohana J, Suvitha S, **Manikandan J**, 'Implementation of VLSI Based Efficient Lossless EEG Compression Architecture using Verilog HDL' Journal of Physics, IoP Publishing, doi:10.1088/1742-6596/1964/6/062048

12. **Manikandan J**, Mangaiyarkarasi V, Vedamoorthy R, Mahalakshmi S, Sandhiya karthigeyan, Varsha G, 'Smart Traffic Clearance System for Emergency Vehicles', Journal of Propulsion Technology Volume 45, Issue 1, 2024.

13. **Manikandan J**, Mangaiyarkarasi V, Vaithiyanathan M, Dhayanithi A, Swathi S Smart Navigation Device for Blind People using Image Processing', Journal of Propulsion Technology Volume 45, Issue 6, 2023.

14. **Manikandan J**, Kayalvizhi K, Yuvaraj Nachimuthu, Jeena R, 'AROA based Pre-Trained Model of Convolutional Neural Network for Voice Pathology Detection and Classification', Journal of Machine and Computing, Volume 4, Issue2, 2024. doi.org/10.53759/7669/jmc202404044

Conference Details:

1. Gobinath, G, Manikandan, J, 2013 ' Cost Effective Motion Estimation Processors Design for Advanced Video Coding' Third National Conference on Advanced Computing, Applications and Technologies, Eswari Engineering College,Chennai.

2. Janani Balasri, G, Santhan Raj, A, Adhithya Gour,Manikandan, J, Murali, N 2013, 'Design and Development of FPGA Based TCP/IP Module for real Time Computers in Nuclear Power Plants' National conference on Advances in Electrical and Electronics Engineering, Sri Venkateshwara College of Engineering,Chennai

3. Gobinath, G, Manikandan, J, 2013 'Cost Effective Motion Estimation Processors Design for Advanced Video Coding' International Conference in

Magna on Emerging Engineering Trends, Magna College of Engineering,Chennai

4. Janani Balasri, G, Santhan Raj, A, Adhithya Gour,Manikandan, J, Murali, N 2013, 'Design and Development of FPGA Based TCP/IP Module for real Time Computers in Nuclear Power Plants' National conference on Recent trends in Engineering and Technology.

5. Manikandan, J Manikandan.M, 2014, Performance analysis of various FEC codes for wireless communication, Second International Conference on Current Trends In Engineering and Technology-ICCTET 2014

6. Manikandan J, Bharathi J, gayathri M, Lavanya G, 'BUS IDENTIFICATION SYSTEM FOR VISUALLY IMPAIRED USING ZIGBEE TECHNOLOGY' International Conference on Communication, Computing and internet of things - IC3IoT 2022.

7. Manikandan J, Sivanesan T M, Gunasekeran, Ramaprabha P S, 'Machine Learning and Wireless Sensor Network based Library Automation System' International Conference on Power, Energy, Control and Transmission Systems - ICPECTS 2022

8. Manikandan J, Mangaiyarkarasi V, Vaithyanathan M, Lokeshwaran M, 'ESP-8266-based Indoor Localization System' International Conference on Intelligent Computing and Control for Engineering and Business Systems - ICCEBS, 2023

9. Sasikala V, Arunarasi J, Prakash P, Manikandan J,' Cancer Chemoradiation powered by Nanotechnology: Realization of full potential of Radiotherapy with Gold NP-BM', International Conference on Intelligent Computing and Control for Engineering and Business Systems - ICCEBS, 2023

10. Manikandan J, Kirubakaran K, Yuvanesh, Dhoni Billgates, ' Virtualization Using Docker Container for Reproducible Desktop Environment', International Conference on Intelligent Computing and Control for Engineering and Business Systems - ICCEBS, 2023

11. Manikandan J, Makesh Kumar K, Magaiyarkarasi V, Jaya prakash E, 'Enhancing Fisherman's Safety with Border Alerting System, International

Conference on Communication, Computing and internet of things - IC3IoT 2024

12. Manikandan J, Mangaiyarkarasi V, Mahalakshmi S, Sandhiya Karthigeyan, Varsha G, 'Development of an Integrated Water Body Surveillance System for Environmental Monitoring and Resource Management', International Conference on Communication, Computing and internet of things - IC3IoT 2024

13. Manikandan J, Mangaiyarkarasi V, Swathi Murali, gayathri R J, ' Mind Controlled Prosthetic Arm', International Conference on Communication, Computing and internet of things - IC3IoT 2024

FDP Attended:

1. Participated and Successfully Completed Two week online Faculty Development Programme Phase III, organized by Department of Electronics and Communication Engineering,SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES,Chithoor on "Machine Learning and Deep Learning An Application Perspective" from 220.03.2021 to 03.04.2021

2. Successfully Completed a Two-Weeks Faculty Development Programme on "Towards 5G and Intelligent Communications" (5ICs - 2021) organized by the Department of Electronics & Telecommunication Engineering, I.G.I.T, Sarang from 8th to 20th March, 2021.

3. Participated in AICTE-ISTE sponsored One week online Induction Programme on "Millimeter Wave Frequencies" (PHASE II) organised by Department of Electronics and Communication Engineering, Gudlavalleru Engineering College,Kakinada from 16.032021.to 22.03.2021

4. Attended National Level Faculty Development Program on " Recent Trends in Cloud Computing" organized by the Department of Information Technology, Eswari Engineering College(Autonomous),Chennai from 29.03.2021 to 05.04.2021.

5. Participated in the Online AICTE Recognized Faculty Development Programme on "4G and 5G Communication" organized byDepartment of

Electronics and Communication Engineering, NITTTR, Chandigarh from 22/03/2021 to 26/03/2021.

6. Participated in AICTE-ISTE sponsored One week online Induction Programme on "Millimeter Wave Frequencies" (PHASE II) organised by Department of Electronics and Communication Engineering, Gudlavalleru Engineering College from 16.03.2021 to 22.03.2021

7. Successfully Completed the AICTE-ISTE approved Orientation/Refresher Programme on " Recent Challenges in Teaching Pedagogy" organized by Chouksey Engineering College,Bilaspur, Chhattisgarh from 12.03.2021 to 18.03.2021.

8. Attended AICTE Sponsored Two weeks Online Faculty Development Programme on "Emerging Trends and Challenges in VLSI Mixed-Signal Processing for Fourth Industrial Revolution" organized by Department of Electronics & Communication Engineering, Kongunadu College of Engineering and Technology, Trichy from 01.03.2021 to 13.03.2021.

9. Participated in a Two-week Online Faculty Development Programme on "Advanced Communication and Antennas" jointly organised by Electronics and ICT Academies held from 15 - 26 Feb, 2021 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the Ministry of Electronics and Information Technology (MeitY), Government of India

10. Attended 5 days TEQIP-III Sponsored FDP on "Recent Trends in Circuits and Communication (RTCC)" organized by the Department of Electronics & Communication Engineering, Jaipur Engineering College & Research Center.from 19.02.2021 to 23.02.2021

11. Participated in the Online AICTE Recognized Faculty Development Programme on " Free and Open Source Software (FOSS) Tools for Effective Teaching- Learning" organized by DepartmentElectronics and Communication Engineering, NITTTR, Chandigarh from 15.02.2021 to 19.02.2021.

12. Participated in One Week Online Faculty Development Programme on "Future Technologies for Smart Cities",Organized by Department of Electronics

andTelecommunication Engineering of Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, India from 01.02.2021 to 05.02.2021.

13. Participated and completed the AICTE sponsored Two weeks online FDP on "Applications of Augmented Reality (AR) and Virtual Reality(VR) using MATLAB" from 1st February to 16th February 2021, organized by the Department of Electronics & Communication Engineering,IFET COLLEGE OF ENGINEERING (An Autonomous Institution),Villupuram.

14. Participated in AICTE Sponsored Faculty Development Programme on "Research Challenges and Issues in Wireless Communication and Networks" organized by the Department of Electronics and Communication Engineering,Sri Ramakrishna Institute of technology, Coimbatore from 08.02.2021 to 21.02.2021

15. Participated & Completed successfully AICTE Sponsored Two Week Faculty Development Programme (FDP) on "Hands on Project-Based Approach for Biomedical Signal Analysis using MATLAB" (Phase-II online) organized by the Department of Electronics and Communication Engineering, Kakatiya Institute of Technology & Science, Warangal, Telangana from 01.02.2021 to 13.02.2021.

16. Participated in the Online AICTE Recognized Faculty Development Programme on "Practical Approach to Cyber World and Forensics." organized by the Department of Computer Science and Engineering,NITTTR, Chandigarh from 25.01.2021 to 05.02.2021.

17. Participated and Successfully Completed AICTE Sponsored Two Week Online Faculty Development Program on "Reliability Engineering and System Safety" organized by the Department of Electronics and Communication Engineering, Vishnu Institute of technology,Bhimavaram,AP from 18.01.2021 to 30.01.2021.

18. Participated and Successfully Completed Online Faculty Development Program on " Internet of Things and Applications in 5G" organized by the

Department of Electronics & Communication Engineering, Eswari Engineering College,Chennai from 05.01.2021 to 09.01.2021

19. Participated & Completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Quantum Computing" organized by GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT GITAM BENGALURU,from 04.01.2021 to 08.01.2021

20. Participated & Completed a 6-day ISTE approved Online Faculty Development Program on "Cyber Security and Ethical Hacking" organized by the Department of Computer Engineering,Xavier Institute of Engineering and Cyber Range Solutions from 04.01.2021 to 09.01.2021

21. Participated in AICTE-QIP Sponsored Two Weeks Online Faculty Development Programme on "Computer Vision and Image Processing: Research Issues, Innovations and Applications" organized by the Department of Electronics and Communication Engineering, PSNA College of Engineering and Technology,Dindigul from30.12.2020 to 13.01.2021

22. Participated in AICTE Sponsored Two Weeks Online Faculty Development Program on "Sustainable Energy and Smart Grid" organized by the Department of Electrical & Electronics Engineering, Gandhi Institute of Technology,Bhubaneswar from 18.12.2020 to 29.12.2020.

23. Participated in Faculty Development Program on "Learning Additional ICT Tools for Online Teaching and Administration" Organized by Scrollwell EduTech LLP in Collaboration with Government Degree College, Ramgarh from 26.12.2020.to 28.12.2020

24. Participated in GUJCOST Sponsored Six Days Faculty Development Programme on" BlockChain and its Applications" organized by the Department of Computer Engineering,Madhuben & Bhanubhai Patel Institute of Technology,New Vallabah Vidyanagar from 14.12.2020 to 19.12.2020.

25. Participated in the Faculty Development Program on "Insight of Analog And Digital IC Design : Industry and Research Perspective (IADICD - 2020)" organized by Department of Electronics and Communication Engineering, SRM IST, Kattankulathur from 14.12.2020 to 19.12.2020

26. Participated in One Week TEQIP-3 Sponsored Faculty Development Programme on " Applications of Machine Learning & Data Sciences in Engineering Technology" organised by Rajasthan Technical University,Kota, Regional College of Education, research & technology,Jaipur from 15.12.2020 to 19.12.2020.

27. Participated in AICTE Sponsored Two Weeks Online Faculty Development Programme on " Recent Developments of Nano Composites and Smart materials in Aerospace Industry" Organized by the Department of Aeronautical Engineering, MLR Institute of Technology, Hyderabad from 07.12.2020 to 19.12.2020

28. Participated in Six Days Faculty Development Program on "Innovative Classifier models for Image and Text using Tensorflow" organized by Department of Electronics and Instrumentation Engineering, School of Electrical and Electronics, Sathyabama Institute of Science and Technology Chennai from 9.12 2020 to 15 12 2020

29. Attended Two Weeks Short Term Training Programme (Online) on "Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks" organised by the Department of Electronics and Communication Engineering, Erode Sengunthar Engineering College,Perundurai from 17.08.2020 to 29.08.2020 (Phase-I)

30. Participated in TEQIP-III Sponsored online Faculty Development Program on "Recent Advances in Electronics and Communication Engineering (RAECE-2020)" organized by Department of Electrical Engineering, Government College of Engineering Kalahandi, Bhawanipatna, Odisha, India in association

with Government College of Engineering, Jalgaon, Maharashtra, India from 17th to 21st Aug, 2020.

31. Participated in One Week online Faculty Development Programme on "Pedagogical Techniques in Electronics and Electrical Engineering" Sponsored by TEQIP III and organized by Department of Electronics Engineering, Walchand College of Engineering, Sangli from 10.08.2020 to 14.08.2020

32. Attended three days online FDP on Big Data organized by the Department of Computer Science and Engineering, Vidyavardhaka College of Engineering, Mysuru from 07.08.200 to 10.08.2020

33. Attended International Faculty Development Programme on Cloud Infrastructure and Services organized by Department of Electronics and Communication Engineering, Bannari Amman Institute of technology, Sathyamangalam from 05.08.2020 to 09.08.2020

34. Attended One Week online faculty Devel;opment Programme on Simulation and Modelling of Data Communication & Networks, Organized by the Department of Electronics and Communication Engineering, Mahatma Gandhi Institute of Technology, Hyderabad in association with TASK from 27.08.200 to 31.07.2020.

35. Attended One Week online faculty Devel;opment Programme on Ethical Hacking and Data Security, Organized by the Department of Information technology, Mahatma Gandhi Institute of Technology, Hyderabad in association with PRISTINE Info Solutions from 27.08.200 to 31.07.2020.

36. Participated in the Online AICTE Recognized Faculty Development Programme on Nanoelectronics Devices and Circuits Design from 06/07/2020 to 10/07/2020 (One Week) Organized by Electronics and Communication Engineering Department NITTTR, Chandigarh

37. Participated in TEQIP-3 Sponsored One Week Online International Faculty Development Programme on "Machine Learning and Computer Vision: Applications, Research Challenges (MLCV 2020)", jointly organized by National Institute of technology, Silchar,Assam and Gauhati University Institute of Science and technology, Guwahati, Assam from 24.08.2020 to 28.08.2020

38. Participated in the five day National 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-518007, from 21-07-2020 to 25-07-2020.

39. Participated and Successfully Completed Online Spoken FDP on Advanced Communication Laboratory in association with industries from 20.7.2020 to 25.07.2020 organized by Department of Electronics and Communication Engineering, PSNA College of Engineering and Technology, Dindugal

40. Participated in the One Week online Faculty Development Programme on Wireless Communication and Mobile Technologies organized by the department of Electronics and Communication Engineering, BVRIT Hyderabad College of Engineering for Women in Association with QCARES, QualComm from 06.07.2020 to 10.07.2020

41. Participated in the Online AICTE Recognized Faculty Development Programme on Data Science using R from 11-05-20 to 15-05-20 (One Week) Organized by Computer Science and Engineering Department , NITTTR, Chandigarh

42. Participated in One Week AICTE MHRD Sponsored Online Short Term Training Programme on Design and Simulation of Miniature Antenna for IoT Applications, Organized by MVGR College of Engineering(A), Visakhapatnam From 29.06.2020 to 04.07.2020

43..Participated in One Week Faculty Development Programme on Developing Potentials - Emerging Technologies of Computer Science, Organized by the Department of Computer Science and Engineering, Vidya Jyothi Institute of Technology, Hyderabad from 01.07.2020 to 07.07.2020

44.Participated in One Week Faculty Development Programme on "Exposure & Rejuvenation of Technologies in changed Era of the World" from July 6, 2020 to July 10, 2020 organized by Department of Electronics & Communication Engineering, Raj Kumar Goel Institute of Technology, Ghaziabad, U.P. India.

45.Participated in Five Day National Level Online FDP Program on "Recent Trends in Computer Science", organized by Department of Computer Science & Engineering, RGMCET, Nandyal from 30 June 2020 to 04 July 2020

46.Participated in One Week Faculty Development Programme on Embracing the Creative Side of Teaching and Learning Methods" organized by R.M.K College of Engineering and technology From 29.06.2020 to 03.07.2020.

47.Participated in Five day national Level Online Faculty Development Programme on Advances in Signal Processing and Artificial Intelligence Technologies Organized by G.Pulla Reddy Engineering College from 06.07.2020 to 10.07.2020.

48.Participated in the Online International faculty Development program on Advancement in Communication Engineering technologies with Simulation Tools Organized by the Department of Electronics and Communication Engineering, Vishnu Institute of Technology, Bhimavaram from 01.07.2020 to 05.07.2020

49.Participated in the Online AICTE Recognized Faculty Development Programme on"Applications of IoT" from 16/06/2020 to 20/06/2020 (One Week) Organized by Computer Science and Engineering Department NITTTR, Chandigarh

50. Participated in the AICTE Sponsored National Level Five Days Virtual Short Term Training Program (STTP) on "INDUSTRY 4.0" from 24th to 28th of August 2020, organized by Department of Mechanical Engineering, Nitte Meenakshi Institute of Technology, Bangalore-64, INDIA.

51. Participated in Two Day Faculty Development Program on "NBA-OBE: Attainment of Course Outcomes(COs),Program Outcomes (POs) and Program Specific Outcomes (PSOs)"Organized by Department of ECE, Sri Venkateswara College of Engineering and Technology (Autonomous), Chittoor, Andhra Pradesh on 04.07.2020 & 05.07.2020

52. Participated in the Online AICTE Recognized Faculty Development Programme on Cyber Security from 08/06/2020 to 19/06/2020 (Two Weeks) Organized by Computer Science and Engineering Department NITTTR, Chandigarh

53. Attended faculty Development Programme on Applied Machine Learning and Deep Learning organized by Andhra Pradesh State Skill Development Corporation(APSSDC) from 15.06.2020 to 20.06.2020

54. Attended the One Week National Level FDP (online) on "MATHEMATICAL MODELING & SIMULATION"organized by Faculty of Mathematics, Department of Applied Sciences & Humanities, MVSR Engineering College, Hyderabad.from 25.06.2020 to 30.06.2020

55. Attended the 5 days Online Short Term Training Program on "RECENT TRENDS IN DATA SCIENCE AND INFORMATION SECURITY" organized by the Department of Computer Engineering,Ramrao Adik Institute of Technology Nerul, Navi Mumbai, Maharashtra from 22.06.2020 to 26.06.2020

56. Participated one week Faculty Development Programme "INTEGRATION OF GREEN ENERGY WITH SMART POWER SYSTEMS" organized by the Department of Electrical and Electronics Engineering, School of Electrical and

Electronics, SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY (Deemed to be University), Chennai from 22.06.2020 to 27.06.2020

57. Participated in the Online AICTE Recognized Faculty Development Programme on"Real World Applications of Microcontrollers"from 15/06/2020 to 19/06/2020 (One Week) Organized by Electrical Engineering Department NITTTR, Chandigarh.

58. Participated in the National Level online Faculty Development Programme on Python for Data Science organized by the Department of Computer Applications Madanapalle Institute of technology & Science, Andhra Pradesh from 24.06.2020 to 28.06.2020

59. Participated in the Online AICTE Recognized Faculty Development Programme on Applications of IoT from 16/06/2020 to 20/06/2020 (One Week) Organized by Computer Science and Engineering Department, NITTTR, Chandigarh

60. Participated in the Online AICTE Recognized Faculty Development Programme on Real World Applications of Microcontrollers from 15/06/2020 to 19/06/2020 (One Week) Organized by Electrical Engineering Department NITTTR, Chandigarh

61. Participated in One Week Online faculty Development Programme on technological Advances in Wireless Communication Systems, Organized by Department of Electronics and Communication Engineering, Adithya Institute of technology and Management,Tekkali in association with ISTE Faculty Chapter from 22.06.2020 to 26.06.2020

62. Attended Five Days Online Faculty Development Program on "Artificial Intelligence and Data Science" Organized by the Department of Information technology, Oriental Institute of Science and Technology, Bhopal from 10.06.2020 to 14.06.2020

63. Participated in the one week online faculty development programme on "Data Science with R Programming for Data Analytics" organized by Department of Computer Science Engineering Sharad Institute of Technology College of Engineering Yadrav- Ichalkaranji from 4th June to 9 th June 2020.

64. Participated in the Online AICTE Recognized Faculty Development Programme on "Technological Interventions using Wireless Communication" Organized by Electronics and Communication Engineering Department,NITTTR, Chandigarh, from 18-05-20 to 22-05-20 (One Week)

65. Participated in one week Online Faculty Development Programme on "Recent Trends in Database Technologies" organized by Department of Computer Science and Engineering, Shri Ramdeobaba College of Engineering and Management, Nagpur in association with ACM Nagpur Chapter from 22nd June to 26th June 2020.

66. Participated in Five Day online Faculty Development Programme on Natural language processing behind Data Science from 22.06.2020 to 26.06.2020 presented by Codegnan Solutions in association with Department of Computer Science and Engineering, Bonnam Venkata Chalamayya Institute of technology and Science, Kakinadda

67. Attended the Online Faculty Development Program on "Internet of Things(IOT)" organized by Anurag University, Hyderabad from 02.06.2020 to 06.06.2020

68. Participated in Online Faculty Development programme on "Modern IOT Technology Tools & Design for Real Time Applications " Jointly Organized by the Departments of ECE, CSE & IT, Sri Sairam Institute of Technology,Chennai from 03.06.2020 to 09.06.2020

69. Participated in Two days Online Faculty Development Program on "Angular and Business Intelligence", Organized by the Department of Computer Science

and Engineering, St. Joseph's Institute of Technology on 30th, May 2020 and 31st, May 2020.

70. Participated in the One Week Online Faculty Development Program on "Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020)" under Technical Education Quality Improvement Program (TEQIP-III) organized by Department of Electronics & Telecommunication Engineering , GOVERNMENT COLLEGE OF ENGINEERING, KARAD from 26.05.2020 to 30.05.2020

71. Successfully Completed Two Days Online Faculty Development Program on "Web Application Security" Organized by the Department of Information technology, Jeppiaar Institute of Technology,Chennai from 27.05.2020 to 28.05.2020

72. Participated in Six Days Online Faculty Development Program on " Data Science Using Python" organized by the Department of Computer Science Engineering,Mohammed Sathak A.J College of Engineering in association with CSI Chapter, Kanchipuram from 25.05.2020 to 30.05.2020

73. Successfully Completed One Week Online Faculty Development Program on hands on FDP: Data Science Using Python" Organized by the Department of Information technology, Jeppiaar Institute of Technology,Chennai from 18.05.2020 to 22.05.2020

74. Attended Two Weeks Online Refresher Course/FDP on "Recent Innovations in Electrical, Electronics, Instrumentation,Automation & Teaching Pedagogy" Jointly organized by the Departments of EEE, EIE & ICE, Sri Sairam Engineering College,Chennai from 18.05.2020 to 30.05.2020

75. Participated in Online Faculty Development programme on "COMPUTER AND COMMUNICATION NETWORKS " Jointly Organized by the Departments of ECE, CSE & IT, Sri Sairam Institute of Technology,Chennai from 21.05.2020 to 27.05.2020

76. Participated in the Online AICTE Recognized Faculty Development Programme on "8051 and its Applications" Organized by Electrical Engineering Department NITTTR, Chandigarh,from 18-05-20 to 22-05-20 (One Week)

77. Attended Two Weeks Online Refresher Course/FDP on "Recent Trends in Information, Computing, Communication and Teaching Methodology Competency" Jointly organized by the Departments of CSE, ECE & IT, Sri Sairam Engineering College,Chennai from 04.05.2020 to 17.05.2020

78. Participated in the Online AICTE Recognized Faculty Development Programme on "Academic Leadership Enhancement in Technical Institutions" Organized by Electronics and Communication Engineering Department NITTTR, Chandigarh from 04-05-20 to 08-05-20 (One Week)

79. Participated in the Online AICTE Recognized Faculty Development Programme on "Nanomaterials and Devices" Organized by Applied Science Department NITTTR, Chandigarh,from 27-04-20 to 01-05-20 (One Week)

80. Participated in the Online AICTE Recognized Faculty Development Programme on "Low Power VLSI Design" Organized by Electronics and Communication Engineering Department NITTTR, Chandigarh from 20-04-20 to 24-04-20(One Week)

81. Participated in the Online AICTE Recognized Faculty Development Programme on "Research Trends in VLSI Design from 25-05-20 to 29-05-20 (One Week) Organized by Electronics and Communication Engineering Department NITTTR, Chandigarh

Short Term Training Program (STTP):

1. Participated in Short Term Training Program on" Artificial Intelligence: Techniques and Applications" Jointly organised by GUJCOST/DST * Computer Engineering Department,SVIT, Vasad from 05.04.2021 to 09.04.20212.

2. Participated in TEQIP-III Sponsored one week Short term Course on " Modern Wireless Communication System and Antenna Engineering with Experimental Learning" Conducted by the Department of Electronics and Communication Engineering, National Institute of Technology, Sikkim from 15.03.2021 to 20.03.2021.

3. Successfully Completed AICTE Sponsored Online Short Term Training Programme on " Moral, Values, Attitudes and Behaviour Sciences" organized by Department of Electrical & Electronics Engineering,GL Bajaj Institute of Technology & Management, Gr.Noida(UP),India from 08.02.2021 to 13.02.2021.

4. Participated in the AICTE Sponsored Six Days Short Term Training Programme on" Developing R&D Culture in Educational Institutes through Project Based learning(Phase-III) Organized by the Department of Electrical Engineering ,Poornima College of Engineering, Jaipur from 01.03.2021 to 06.03.2021.

5. Participated in a 10-days short-term course on "Advancements in Signal Processing and Artificial Intelligence in Healthcare (ASPAIH) " organized by Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Chennai, India during 15th – 24th February 2021.

6. Participated & Completed successfully AICTE Sponsored Short Term Training Programme on "Applied Soft Computing and Vision Machine Techniques") organized by the Department of Electrical & Electronics Engineering & Department of Electronics and Communication Engineering, Dr.M.G.R Educational and Research Institute from 15.02.2021 to 20.02.2021.

7. Successfully Completed AICTE Sponsored Six days online Short Term Training Program on" Internet of Things(IoT) with Blockchain- Applications and Challenges(Series2), organized by the Department of Computer Science

and Engineering, Vellalar College of Engineering & Technology,Erode from04.01.2021 to 09.01.2021.

8. Successfully Completed AICTE Sponsored Six days online Short Term Training Program on" Recent Trends in Machine Learning and Big Data Analytics Using Python Programming, organized by the Department of Computer Science and Engineering, Excel Engineering College,Komarapalayam from04.01.2021 to 09.01.2021.

9. Participated in the AICTE Sponsored STTP Series I on "Machine Learning Applications to Internet of Things (IoT)" organized by the Department of Electronics and Communication Engineering, Velammal College of Engineering and Technology from 04.01.2021 to 09.01.2021.

10. Participated in the AICTE sponsored STTP on " Research Aspects on Deep Learning in Image and Video Processing - I" Organized by the Department of Electronics and Communication Engineering, Vellammal Institute of Technology from 04.01.2021 to 09.01.2021

11. Participated in an Online Short Term Training Program on "Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Applications" organized by the Department of Electrical and Electronics Engineering, Sri Manakula Vinayagar Engineering College, Puducherry from 26.12.2020 to 02.01.2021

12. Completed AICTE Sponsored One Week Online Short Term Training Program on " Block Chain Technologies and Use Cases Thread III" organized by the Department of Computer Science and Engineering, Vishwakarma Institute of Information Technology,Pune from 28.12.2020 to 02.01.2021

13. Participated in AICTE sponsored online Short Term Training Programme (STTP) on "Recent Trends in IoT and IIoT for Real world applications through LoRa and LoRaWAN - Phase IV" organized by the Department of Computer Science and Engineering, Bannari Amman Institute of Technology, Sathyamangalam from 21.12.2020 to 28.12.2020

14. Successfully Completed Six days Short Term Training Program (STTP) on "EMERGING TRENDS IN ANTENNA DESIGN" approved by The Institute of Electronics and Telecommunication Engineers (IETE) India,, organized by Department of Electronics & Telecommunication Engineering, Yeshwantrao Chavan College of Engineering, Nagpur from 21.12.2020 to 26.12.2020

15. Successfully completed the AICTE Sponsored Short Term Training Program on 'Information Security and Digital Forensics' organized by Department of Computer Engineering, Army Institute of Technology, Pune and sponsored by AICTE.from 14.12.2020 to 19.12.2020

16. Participate and Successfully Completed AICTE Sponsored Short Term Training Program on"MLDLT2020 SeriesII: Machine and Deep Learning Techniques to Develop Artificial Intelligence Applications Using Python" organized by the Department of Information Technology, VNT VJIET, Hyderabad from14.12.2020 to 19.12.2020

17. Participated and Successfully Completed AICTE-AQIS Sponsored One Week Online Short Term Training Program (STTP-II) on "Recent Advances in Nano-Photonics Technology (RANPT 2020)" organized by SwamiKeshvanand Institute of Technology, Management & Gramothan, Jaipur from from 14.12.2020 to 19.12.2020

18. Participated in AICTE Sponsored Short Term Training Program on " Technologies for Electronics Product Developments" organized by the Department of Electronics and Communication Engineering,Sri Shanmuga College of Engineering and Technology,Salem from 02.12.2020 to 08.12.2020

19. Participated in AICTE Sponsored Short Term Training Programme on" Recent trends in Computational Intelligence for Healthcare Monitoring Systems-III" organized by the Department of Electronics and Instrumentation Engineering, Bannari Amman Institute of Technology, Sathyamangalam from 14.12.2020 to 19.12.2020

20. Participated in the AICTE Sponsored six days Short Term Training Programme (STTP) on "Research Challenges and Emerging Trends in Ontology and Data Science for Deep Learning", organized by Department of Information Science and Engineering along with IQAC, MVJ College of Engineering, Bangalore from 7.12.2020.to 12.12.2020

21. Participated in the AICTE Sponsored One week online Short Term Training Programme (STTP) on ""Impact of Artificial Intelligence (AI) and Deep Learning(DL) on Internat of Things(IoT) for Designing Smarter Products - A Hands on Approach" organized by Department of Electronics and Communication Engineering in association with Institution's Innovation Council of Francis Xavier Engineering College, Tirunelveli from 07.12.2020 to 12.12.2020

22. Participated in the AICTE sponsored online Short Term Training Programme on "Deep Learning Techniques for Ambient Intelligence and Smart Environment - III" organized by the Department of Computer Science and Engineering, R.M.D Engineering College from 07.12.2020 to 12.12.2020.

23. Participated in One Week AICTE Sponsored online Short term training program on "Antenna Design and Analysis Using Mathematical Solvers" organized by the Department of Electronics and Communication Engineering, Adithya Institute of Technology and Management(A), Tekkali,AP from 07.09.2020 to 12.09.2020

24. Participated in the AICTE Sponsored One Week online Short term Training programme(STTP-III) on " Integration, Storage and Control in Hybrid Energy Systems(HES)" organized by the Department of Electrical and Electronics Engineering, Geethanjali College of Engineering and Technology, Telangana from 31.08.2020 to 05.09.2020.

25. Participated in AICTE Sponsored Six Days online Short term Training Programme on "SmartGrid - Monitoring, Protection and Control- p-hase 3 -

IOT & Cyber Security Issues in Smart grid", organised by the Department of Electrical and Electronics Engineering, R.M.K College of Engineering and Technology, Chennai from 07.09.2020 to 12-09-2020.

26. Attended One Week Short Term Training Programme (Online) on "Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks" organised by the Department of Electronics and Communication Engineering, Erode Sengunthar Engineering College,Perundurai from 07.09.2020 to 12.09.2020 (Phase-II)

27. Participated in AICTE Sponsored Six Days online Short term Training Programme on "High Performance Real Time Embedded System and Internet of Things to accelerate automation system into autonomous system", organised by the Department of Electronics and Communication Engineering, R.M.K Engineering College from 01.09.2020 to 07-09-2020

28. Attended Two Weeks Short Term Training Programme (Online) on "Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks" organised by the Department of Electronics and Communication Engineering, Erode Sengunthar Engineering College,Perundurai from 17.08.2020 to 29.08.2020 (Phase-II)

29. Participated in IEEE Bombay Section Sponsored WIE affinity group five days short term training programme on "5G Wireless Communication and Antenna Design using MATLAB and Simulink" organised by Students Satellite Club Parikrama in association with IEEE student branch, from 11-08-2020 to 25.08.2020

30. Participated in AICTE Sponsored Short Term Training Programme(STTP) on "Trends and Technologies in Antenna Design and its Research Scopes",organised by Department of Electronics, TocH Institute of Science & Technology, Ernakulam from 10-08-2020 to 16-08-2020.

31. Successfully Completed TEQIP III Sponsored One Week Short Term Training Programme on "Soft Computing techniques and Applications" jointly organised by the Department of Computer Science and Engineering and Department of Instrumentation and Control Engineering, Dr.B.R Ambedkar National Institute of Technology, Jalandhar(Punjab) from 29.08.2020 to 02.09.2020.

32. Successfully completed AICTE Sponsored Phase -I Six Days online Short Term Training Programme on "Advanced Antenna and RF Technologies for 5G and IOT", organised by the Department of Electronics and Communication Engineering, Hindusthan Institute of Technology and Science(Deemed to be University), from 17.08.2020 to 22.08.2020.

33. Participated in AICTE Sponsored One Week Short Term Training Programme on "Synthesis, Characterization and its Applications of nanomaterials", Organised by the Center for Nano Science and technology, Jawaharlal Nehru Technological University, Hyderabad, from 24.08.2020 to 29.08.2020.

34. Participated in the AICTE Sponsored One Week Online Short Term Training Program(STTP-II) "Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS" organized by Department of Electronics & Communication Engineering, Shri Vishnu Institute of Technology for Women, Andhra Pradesh from 24.08.2020 to 29.08.2020

35. Participated in the AICTE Sponsored One Week online Short term Training programme(STTP-II) on " Integration, Storage and Control in Hybrid Energy Systems(HES)" organized by the Department of Electrical and Electronics Engineering, Geethanjali College of Engineering and Technology, Telangana from 17.08.2020 to 22.08.2020.

36. Attended Six Days AICTE sponsored online Short term Training Programme on " Recent Trends and Challenges of Internet of Things in Automation"

Organized by the department of Electronics and Instrumentation Engineering, R.M.D Engineering College from 03.08.2020 to 08.08.2020

37. Attended the Short Term Training Programme on "Deep Learning and its Applications using TensorFlow and Keras" organized by the Department of Computer Science and Engineering, R.M.K Engineering College under AICTE Quality Improvement Schemes (AQIS) AICTE, New Delhi from 3rd August 2020 to 8th August 2020.

38. Attended AICTE Sponsored online Short Term Training programme on Antenna Design and Analysis Using Mathematical Solvers organized by the Department of Electronics and Communication Engineering, Aditya Institute of Technology and Management, Tekkali, AP from 27.07.2020 to 01.08.2020

39. Successfully completed online short term training program on "Digital Transformation" organized by Department of Computer Engineering ,AISSMS College of Engineering, Pune-01 from 11th -13th June 2020.

Workshop Attended:

1. Participated in TEQIP-III Sponsored One Week Workshop on " Modern Antennas for Present and Futuristic Wireless Communication technology" organized by the Department of Electronics and Communication Engineering, National Institute of technology, Sikkim, from 08.03.2021 to 13.03.2021.

2. Attended one day Workshop on Sequel App hosted by Department of Electronics and Communication Engineering, Panimalar Institute of Technology, IEEE TEMS Madras Chapter & IETE Chennai Centre on 06.02.2021.

3. Participated in the TEQIP-III Sponsored online Workshop on " NEMS Technologies: Modern interdisciplinary approach in Engineering (NEMS Tech 2020)", organised by the Department of Mechanical Engineering and

Department of Electronics & Instrumentation Engineering, National Institute of technology, Silchar, from 17.08.2020 to 21.08.2020

4. Participated in the international Workshop on Energy Technology and Sensor Systems (TENSYS 2020) jointly organized by Indian Institute of technology, Design and Making, kanchipuram and University of Malaya in Association with federation of Indian Chambers of Commerce and Industry and Malaysian thermoelectric Society (MTeS) from 28.07.2020 to 30.07.2020

5. Participated in One Week Online Hands - on Workshop on Wire Antennas: Design and Optimization using 4NEC2X organized by IEEE Students Branch of Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, India from 03.08.2020 to 07.08.2020

6. Participated in One Week Online Workshop on Web programming Organized by Department of Computer Science and Engineering and Department of Information Technology, St.Xavier's Catholic College of Engineering, Nagercoil from 03.08.2020 to 08.08.2020

7. Participated in One Week International Workshop on "Metamaterial & its Applications" organized by IEEE Delhi Section Antenna & Propagation Society (APS) Chapter – Jaipur in association with IEEE Rajasthan Subsection, Malaviya National Institute of Technology Jaipur and Govt.Women Engineering College, Ajmer from 27.07.2020 to 31.07.2020

8. Attended an ONLINE WORKSHOP ON "ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING USING PYTHON" organized by Department of Electronics & Telecommunication Engineering, CSMSS, Chh. Shahu College of Engineering, Aurangabad, from 11th June- 13th June 2020

9. Attended Online Workshop on "The Growing Role of IOT in Covid-19 and Health Care", by Dr. Shriram K. Vasudevan, organized by Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal with Department of Information

Technology, Shri G. S.Institute of Technology & Science, Indore (M.P.) in association with WILEY India Pvt. Ltd.from 8th to 10th June 2020

10. Successfully Completed One week Online Workshop Sponsored By TEQIP-III on " Next Generation Software Tools & Trends for Industrial Solutions: Current Practices" Organized by the Department of Computer Science and Engineering, Government of College of Engineering, Aurangabad from 13.06.2020 to 17.06.2020