

## Department of ECE

**Name:** Dr P.Bala Murali Krishna

**Designation:** Professor

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**Qualification:** Ph.D

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### Faculty(Details)

#### International /National Journals:

1. Potti Balamuralikrishna, M. V. Subramanyam, K. Satyaprasad “A Packet Priority Approach to Mitigate Starvation in Wireless Mesh Network with Multimedia Traffic”, International Journal of Computer Applications (0975 – 8887), Vol. 62 (14), 2013, pp. 22-26.
2. Potti Balamuralikrishna, M. V. Subramanyam, K. Satyaprasad, “Hybrid Genetic Optimization to Mitigate Starvation in Wireless Mesh Networks”, Indian Journal of Science and Technology, Vol. 8(23), September 2015, pp. 1-10.
3. Potti Balamuralikrishna, M. V. Subramanyam, K. Satyaprasad, Genetic Algorithmic Approach to Mitigate Starvation in Wireless Mesh Networks, Advances in Intelligent Systems and Computing, Springer India, Vol. 381, 2016, pp. 479-489.
4. Potti Balamuralikrishna, M. V. Subramanyam, K. Satyaprasad, “Adopting Multi-radio Channel Approach in TCP Congestion Control Mechanisms to Mitigate Starvation in Wireless Mesh Networks”, Lecture Notes in Electrical Engineering (LNEE), Information Science and Applications, Springer, Vol. 376, 2016, pp. 85-95.
5. Potti Balamuralikrishna, M. V. Subramanian, K. Satyaprasad, “Improving QoS Performance of Multi-radio Multi-channel WMNs by adopting a Novel Channel Assignment Scheme”, IJCSN International Journal of Computer Science and Network, Volume 4(6), December 2015, pp. 817-824.
6. Chevala Jayalakshmi, N. Subbarayudu, P. Bala Murali Krishna “Analysis of Vedic Multiplier based on Adder Architectures using VHDL” World Journal of Engineering Science, Volume 4(1), pp. 1-10.
7. Kondaveeti Vinuthna, G.JayaRani, P.Bala Murali Krishna “Performance Analysis of Hybrid Full Adder Design Using Three Input XOR/XNOR Gate” International Journal of Research in Electronics & Communication Engineering Vol. 4,(6), Nov - Dec, 2016, pp. 1864-1870
8. Ch.Radhika Bhavani, V.Suresh, P.Bala Murali Krishna “Improved Clustering Approach with Store and Forward Method for Wireless Sensor Network” International Journal of Innovative Research in Computer and Communication

Vol. 5(4), April 2017, pp. 6701-6710.

9. Shaik Haseena Begam, P.Bala Murali Krishna “Hardware Implementation of Image Compression Using Lifting Scheme Based On DWT Techniques “The International Journal of Analytical and experimental modal analysis Vol. X, December 2018,pp. 166-175.
10. B.Vasanth, V.Suresh, P.Bala Murali Krishna “Collaborative Recovery Algorithm to Reduce Loss and Delay in Multicasting” Journal of interdisciplinary cycle research Vol. XI, March 2019, pp.389-393.
11. Mallavarapu Rupa , P. Bala Murali Krishna “Novel and Optimal Channel Assignment in Multi- Channel Wireless Mesh Networks”, Vol. XI March 2019, pp.389-393.
12. R Ramya Krishna , Vasana Prathyusha, P.Bala Murali Krishna “A Simple Fuzzy Method to Enhance Colour Images” International Journal of Innovative Research in Computer and Communication Engineering Vol. 4(11), November 2016, pp.19598-19604.
13. Shaik Anjumara, P. Bala Murali Krishna “A Self -Test Approach Based Arithmetic BIST for Test Pattern Generation” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3(10), October 2015, pp. 9869-9876.
14. Vasana Prathyusha, P. Bala Murali Krishna “Pollution Check in Vehicles and Alerting System using Location Identifier” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3(10), October 2015, pp. 9893-9898.
15. Kotapati Saini , G.Suseelamma , P. Bala Murali Krishna “Evaluating the Effectiveness of Detecting Small Delay Defects using Signature Analysis Technique and Scan Design” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3(10), October 2015, pp. 9883-9892.
16. Vidadala Srija, P. Bala Murali Krishna “Implementation of agricultural automation system using web & GSM technologies”, International Journal of Research in Engineering and Technology, Vol. 4(9), September-2015, pp. 385-389.
17. Edpuganti Anusha , G.Suseelamma , P. Bala Murali Krishna “ Efficient Integer DCT Architectures for HEVC for 4-bit Error Compensation” International Journal of Engineering Associates, Vol. 4(11), pp. 23- 28.
18. Vutla Aparna, P. Bala Murali Krishna “Efficient Method of BCD Multiplication to Reduce Power and Delay Values” International Journal of Scientific Engineering and Technology Research, Vol. 04(51) , December-2015, pp. 11060-11067.
19. Challagundla Roja, P. Bala Murali Krishna “Efficient Method of Multiplexer Design by using MZI Technique and Also Implementation of Multiplier” International Journal of Scientific Engineering and Technology Research, Vol. 04(51) , December-2015, pp. 11068-11073.
20. Bhagya Sri Gutthikonda, P. Bala Murali Krishna “CSLA Implementation Technique to Minimise the Area, Power and Delay”, The International Journal

- of Analytical and experimental modal analysis Vol. X, December 2018, pp. 160-165
21. Shaik Asma, J.Santhi, P. Bala Murali Krishna “Pick and Place Robotic Grasper using Wireless Communication” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3(11), November 2015, pp. 11660-11668.
  22. P D SSS Siva Durga, P.BalaMurali Krishna “Automation for Smart Homes with WSN and GPRS Technology” International Journal of Advanced Computer Engineering and Communication Technology, Vol. 4(4), 2015, pp. 34-38.
  23. Ariga Mallika, P.BalaMurali Krishna “Logical Effort Based Dual Mode Logic Gates” International Journal of VLSI System Design and Communication Systems, Vol. 3(8), October-2015, pp. 1229-1235.
  24. Malapati Nanitha, Yarrakula Mallika, P. Bala Murali Krishna “GSM Based Health Monitoring System” International Journal & Magazine of Engineering, Technology, Management And Research, Vol. 2(11), November, pp. 1055-1061.
  25. D.Sarala, V.Suresh, P. Bala Murali Krishna “Blind People Guiding System in Travelling” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3(11), November 2015, pp. 11467-11475.
  26. Kalapala Sravya ,N.Nageswara Rao, P.Bala Murali Krishna “An effective Robust Router for improving the Security” International Journal of Engineering Associates Vol. 4(8), pp. 38-43.
  27. Sunitha Kalluri, P. Bala Murali Krishna “High Resolution and Low Power Frequency Divider by Multi Pre-Scalar” International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3(10), October 2015, pp. 9877-9882.
  28. Bathula Aparna, N.Nageswara Rao, P. Bala Murali Krishna “Smart Home Energy Management System Including Renewable Energy Based on Zigbee and GSM” , International Journal & Magazine of Engineering, Technology, Management And Research, Vol. 3(11), November, pp. 15-19.
  29. Nalini, N.Nageswara Rao, P. Bala Murali Krishna “Implementation Of Safe Driving Using Mobile Phones And Driver Assistance System For Vital Signal Monitoring” International Journal Of Merging Technology And Advanced Research in Computing, Vol. 4(16), December 2016, pp. 1-5.
  30. S. A. Sunitha Sree konduru, N.Nageswara Rao, P. Bala Murali Krishna “Design of Encoder and decoder using Hybrid LUT/Multiplexer” International Journal Of Research, Vol. 4(10), September 2017, pp. 854-859.
  31. M. Naga Sowjanya, P. Bala Murali Krishna “Multi Focus Image Fusion Based on Spatial Frequency and LDP Analysis under DWT Domain” International Journal Of Research, Vol. 5(1), January 2018, pp. 3315-3328.
  32. Dr. Balamuralikrishna Potti, Sree Chandra Swarna. Implementation of Finite Impulse Response Filter on Field Programmable Gate Array, The International Journal Of Analytical And Experimental Modal Analysis, Volume XI, Issue II, February/2019.
  33. Dr. Balamuralikrishna Potti, Sree Chandra S. Cluster-based Novel routing Protocol to improve QoS in Wireless Sensor Networks, Journal

of Interdisciplinary Cycle Research, Volume X, Issue IX, Septmber/2018, pp15-25.

34. Bommala Srivalli, P.D.S.S.Siva Durga, Dr.P.Bala Murali Krishna. "High Speed Realization Of Wallace Multiplier Based FFT Architecture" International Journal Of Scientific Engineering and Technology Research, Vol. 7, Issue no.05,May 2018, pp. 1028-1032
35. S,Gousiya Begum, B.Ramesh Babu, Dr. P. Bala Murali Krishna "Implementation Of Area Efficient Power Optimized Brent-Kung Adder Using QCA" International Journal Of Scientific Engineering and Technology Research, Vol. 7, Issue no.05, May 2018.
36. Dr P. Balamuralikrishna, B. Ajay Kumar, R. Anil Kumar, Implementation of Novel Approach LFSR architecture for power optimized applications, IOSR Journal of Engineering, Volume 8, Issue 8, August 2018, pp. 44-48.
37. Dr. P. Balamuralikrishna, Design of an Efficient Rounding-based approximate multiplier (RoBA), IJMTE Journal, Volume IX, Issue 1, January 2019.
38. Dr. P. Balamuralikrishna, Ramya Koyi, VLSI Design of an Area-efficient Novel Multi-bit flip- flop design optimization with clock gating, International Journal of Research, Volume 8, Issue IV, April 2019, pp. 1101-1106.
39. Srinivasa Chary M, Ashok P, Dr. P Balamuralikrishna. Design of an efficient rounding-based approximate (RoBA) Multiplier, International Journal of Management, Technology and Engineering, Volume IX, Issue 1, January 2019, pp. 2537-2543.
40. Dr. P. Balamuralikrishna et.al, "Reduction of Power in General purpose Processor through clock-gating technique", International Journal of Recent Technology and Engineering (IJRTE), Volume 10, Issue 1, May 2021, pp. 273-279.
41. Avula Lakshmi, P. Bala Murali Krishna,Hybrid Method to optimize Sharing Resources in Wireless Mesh Networks",Journal of Interdisciplinary Cycle Research,Volume XI, Issue III, March 2019, pp. 394-397.
42. Dr.P.Bala Murali Krishna, Sree Chandra Swarna, Design and Analysis Channel Estimation in Vehicular Communications IEEE 802.11p Based ICDAP, volume 5, issue 2, may 2018.
43. Dr.P.Bala Murali Krishna, Sree Chandra Swarna, Heterogeneous Traffic Multi-Radio Communication based Cooperative Learning algorithm in 5G networks , volume 6, issue 2, April 2019.

#### **Conferences Coordinated/Attended**

1. Organized as Convener an International Conference on Recent Challenges in Science, Engineering and Technology -2020 (ICRCSET-2020) on 28<sup>th</sup> & 29<sup>th</sup> February 2020 at Chalapathi Institute of Technology, Guntur in association with IFERP, Chennai.
2. Organized as Convener an International Conference on Recent Challenges in Science, Engineering and Technology -2021 (ICRCSET-2021) on 25<sup>th</sup> April 2021 at Chalapathi Institute of Technology, Guntur in association with IIRM, Andhra Pradesh.

3. Presented a paper entitled “Genetic Algorithmic Approach to Mitigate Starvation in Wireless Mesh Networks” in the 2<sup>nd</sup> International Conference On Computer & Communication Technologies (IC3T – 2015), held on 24<sup>th</sup> – 26<sup>th</sup> July, 2015 at CMR Technical Campus, Hyderabad.
4. Presented a paper entitled “Hybrid Genetic Optimization to Mitigate Starvation in Wireless Mesh Networks” in the International Conference On Soft Computing in Applied Sciences and Engineering (ICSCASE – 2015), held on 23<sup>rd</sup> and 24<sup>th</sup> July, 2015 at Noorul Islam Centre for Higher Education, Noorul Islam University, Kanyakumari District, Tamilnadu.
5. Presented a paper entitled “Adopting Multi-radio Channel Approach in TCP Congestion Control Mechanisms to Mitigate Starvation in Wireless Mesh Networks” in the International Conference On Information Science and Applications 2016 (ICISA 2016) held on 15<sup>th</sup> to 18<sup>th</sup> February, 2016 at Nguyen Dinh Thuc, University of Science, Ho Chi Minh City, Vietnam.
6. Presented a paper entitled “Implementation of Finite Impulse Response Filter on Field Programmable Gate Array” in the International conference on Electrical, Electronics & Communication Engineering (ICEECE-2018) on 27<sup>th</sup> and 28<sup>th</sup> April 2018 at St. Peters Engineering College, Hyderabad.
7. Presented a paper entitled “Cluster-based Novel routing Protocol to improve QoS in Wireless Sensor Networks” in the International conference on Electrical, Electronics & Communication Engineering (ICEECE-2018) on 27<sup>th</sup> and 28<sup>th</sup> April 2018 at St. Peters Engineering College, Hyderabad.
8. Presented a paper titled, “Joint Spectrum Sensing Scheme for Cognitive Radio Networks with Dynamic Noise Variance”, in the International Conference on Recent Challenges in Science, Engineering and Technology, 28<sup>th</sup>- 29<sup>th</sup> February 2020, at Chalapathi Institute of Technology, Guntur.
9. Presented a paper titled, “Novel Multiple Access Scheme for 5G Networks to alleviate Access Congestion”, in the International Conference on Recent Challenges in Science, Engineering and Technology, 28<sup>th</sup>- 29<sup>th</sup> February 2020, at Chalapathi Institute of Technology, Guntur.
10. Presented a paper titled, “Number plate recognition using VHDL”, in the International Conference on Recent Challenges in Science, Engineering and Technology-2021, 25<sup>th</sup> April 2021, at Chalapathi Institute of Technology, Guntur.

**AICTE Sponsored Programmes Organized:**

1. Organized as Coordinator the AICTE-ISTE Sponsored Refresher Program on 5G Cognitive Communication on 17<sup>th</sup> January 2022 – 22<sup>nd</sup> January 2022.

**FDP's and Workshops Attended/Coordinated:**

2. Organized, as Convener, A One-Week National-Level Workshop on “Wireless Networks and Simulation” at SMITW, Guntur on 16<sup>th</sup> to 22<sup>nd</sup> December, 2013.
3. Organized, as Convener, A National-level Technical, Cultural and Sports Fest

- “MittapalliLakshyam-2K14” at SMITW, Guntur on 22<sup>nd</sup> and 23<sup>rd</sup> March 2014.
4. Organized, as Convener, A National-Level Two-day workshop on Lab View on 26<sup>th</sup> & 27<sup>th</sup> February 2015 at SMITW, Guntur.
  5. Organized, as Convener, A one-week workshop on Internet of Things (IOT) from 18<sup>th</sup> to 24<sup>th</sup> December 2016 at SMITW, Guntur.
  6. Organized, as Convener, “A Hands-on Workshop on Embedded System Fundamentals for Basic Microcontrollers 8051 and Arduino” for three days from 18<sup>th</sup> to 20<sup>th</sup> September 2017 at SMITW, Guntur
  7. Acted as Resource Person for a Two-Day workshop on Signal & Image Processing using MATLAB lab organized by Chalapathi Institute of Technology, Guntur on 3<sup>rd</sup> & 4<sup>th</sup> July 2017.
  8. Presented a Guest Lecture on the topic “Network Simulation is using NS-2/NS-3” on 4<sup>th</sup> August 2017 at Santhiram Engineering College, Nandyal.
  9. Acted as a Resource Person for a One-Day Seminar on “Wireless Sensor Networking- Research Perspectives” organized by Chalapathi Institute of Technology, Guntur on 5<sup>th</sup> January 2018.
  10. Presented a Guest Lecture on the topic “ Bio-medical Image Processing using MATLAB Lab” on 2<sup>nd</sup> March 2018 at Santhiram Engineering College, Nandyal
  11. Organized, as Convener, “A Hands-on Workshop on Embedded Systems” for three days from 30<sup>th</sup>, 31<sup>st</sup> August and 1<sup>st</sup> September 2018 at SMCE, Guntur.
  12. Acted as Convener for a Two-Day workshop on PCB Design and Fabrication organized by SMCE, Guntur in collaboration with Lemon Pro Software Solutions, Hyderabad on 21<sup>st</sup> & 22<sup>nd</sup> December 2018.
  13. Organized as Convener a Faculty Development Program on Internet of Things at Chalapathi Institute of Technology in association with APSSDC on 9<sup>th</sup>-11<sup>th</sup> January 2020.
  14. Attended Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. India's First Leadership Talk Series Session with Mr. Mahesh Babu CEO Mahindra Electric Mobility Ltd. by MHRD's Innovation Cell.
  15. Completed course on “Advance Python Programming” from 27-04-2020 to 22-05-2020 conducted by Data Teach Labs.
  16. Attended A One -Day National Level Workshop on National Education Policy - 2019, at Hindu college of Management from 21.10.2019.
  17. Participated in “Research outcomes: Technical paper writing Research Proposal, Patent Filing ” from 22-04-2020 conducted by Data Teach .ai.
  18. Attended A Three-Day National Level Workshop on “Developing NS-2 for Network Simulation” at VIT University, Vellore from 27<sup>th</sup> to 29<sup>th</sup> January 2012.
  19. Attended A Two-Day National Level Workshop on Digital Image Processing at SMCE, Guntur on 31<sup>st</sup> August & 1<sup>st</sup> September, 2012.
  20. Attended A Two-Week Workshop on “Research Methodologies” at JNTUK from 1<sup>st</sup> May to 15<sup>th</sup> May, 2013.

21. Attended A Two-Week Workshop on “IPR & Patents” at JNTUK from 16th May to 30<sup>th</sup> May,2013.
22. Participated in A one-day National Level Workshop on “ Wireless Networks-A Research Perspective” organized by the Department of Computer Science and Engineering on 6<sup>th</sup> September,2014 at JNTUK, Kakinada.
23. Participated in A One-Week Training program on Simulation and Emulation on EXATA conducted by Nihon Communication Solutions Pvt. Ltd., Bangalore from 5<sup>th</sup> January 2015 to 11<sup>th</sup> January 2015.
24. Attended the NPTEL workshop conducted on 7<sup>th</sup> December 2018 by IIT Madras at RVR & JC College of Engineering, Guntur.
25. Attended the NPTEL workshop conducted on 19<sup>th</sup> January 2019 by IIT Madras at IC&SR auditorium, IIT Madras.
26. Participated in “National Level Workshop on NIRF India Rankings-2022 for Higher Educational Institutions” organized by Institute for Academic excellence in collaboration with Collegiate Education & Technical education department, Govt. of Telangana, from 05/01/2022 to 06/01/2022.
27. Participated in Two Weeks summer School on “Simulation & Protocol Implementation using Ns-2 For Wireless Research “organized by Smt.Kashibai Navale college of Engineering ,Pune.
28. Participated in One Week Online Faculty Development Program on ”Advanced Antenna Design Using HFSS” Organized by Department of ECE , Santhiram Engineering College, Nandyal in collaboration with Vardhaman College of Engineering ,Hyderabad from 12-05- 2020 to 17-05-2020.
29. Participated in One Week Faculty Development Program on Online Teaching Etiquette and Best Practices from 10-05-2020 to 15-05-2020, Organized by Santhiram Engineering College, Nandyal in collaboration with Talentio Solutions India Pvt. Ltd., Hyderabad.
30. Participated in the five-day online faculty development program (OFDP) on PHP and MySQL by School of Computer Science and Engineering (SCOPE), Vellore Institute of Technology (VIT) Chennai in association with Teaching Learning Centre (ICT) of IIT Bombay from 11<sup>th</sup> May 2020 to 15<sup>th</sup> May 2020.
31. Participated in the A Three -Day National- Level FDP on Covid-19 as Global Crisis organized by Andhra Loyola Institute of Engineering and Technology from 12th May to 14th May 2020.
32. Completed one-week Faculty Development Program on “ICT Tools” in association with STP- IIT Bombay, during 15<sup>th</sup> -16<sup>th</sup> May 2020, with score 65%, organized by the Department of Information Technology, Sree Vidyanikethan Engineering College, Tirupathi.
33. Participated in one-week online faculty development program on “Artificial Intelligence” from 13<sup>th</sup>-18<sup>th</sup> May 2020 organized by Department of Computer Science and Engineering, Santhiram Engineering College, Nandyal in association with Brain O Vision, Hyderabad.
34. Participated in Two - Day Online FDP on Micro strip Antennas for Advanced

Wireless Communications from 15<sup>th</sup>-16<sup>th</sup> May 2020 organized by Department of Electronics and Communication Engineering, Kallam Harinathreddy institute of technology , Guntur.

35. Completed the 5 days online FDP on Computing and Signal Processing in IoT Applications (23-27 May 2020) organized by QIS College of Engineering and Technology, Ongole and IEEE SSIT Society, Madras Section.
36. Participated in one-week online FDP on “Big Data Tools” from 18<sup>th</sup> – 23<sup>rd</sup> May 2020 organized by St. Martin’s Engineering College in association with CSI, Hyderabad.
37. Participated in Five - Day Online FDP on Networking & Cyber Security organized by Department of Electronics and Communication Engineering of Mallineni Perumallu Educational Society, Guntur from 23.05.2020 to 27.05.2020.
38. Participated and successfully completed APSSDC online FDP on Python Programming from 18-05-2020 to 30-05-2020.
39. Participated in A Three -Day FDP on Hadoop & Machine Learning organized by Malla Reddy Institute of Technology from 18-05-2020 to 20-05-2020.
40. Participated and successfully completed One Week Online Faculty Development Programme on “Effective Proposal Writing for Research and Funding” organized by Department of Electronics & Telecommunication Engineering In association with IEEE Women in Engineering from 13th May to 18th May 2020.
41. Participated in A Five Days Online Faculty Development Programme on “Recent Communication Tools And Its Application” Organized by Department of from 19th to 23rd May, 2020.
42. Successfully completed the Arduino Training offered by Spoken Tutorial Project, IIT Bombay during May 2020.
43. Successfully completed the Sci lab Training offered by Spoken Tutorial Project, IIT Bombay during May 2020.
44. Participated in one-week National online FDP on Artificial Intelligence” from 13<sup>th</sup>-18<sup>th</sup> May 2020 organized by Department of Computer Science and Engineering, Chalapathi institute of technology, Nandyal in association with Brain O Vision, Guntur.
45. Participated and successfully completed APSSDC online FDP on Internet of Things from 09/05/2020 to 11/05/2020.
46. Participated and successfully completed APSSDC online FDP on Embedded Systems from 25/05/2020 to 06/06/2020.
47. Participated in A Three -Day FDP on Recent Advancements in Image Processing & IoT Organized by Lingas Institute of Management & Technology, Vijayawada from 03.06.2020 to 05.06.2020.
48. Participated in One Week Faculty Development Program on ROLE OF TEACHERS IN QUALITY ENHANCEMENT & ACCREDITATION Organized by Santhiram Engineering College, Nandyal in Association with Kristu Jayanti College, Bangalore from 05.06.2020 to 11.06.2020.
49. Participated in “AICTE Margadharshan- Nurturing Morals, Work Ethics &



Accountability for Technical Teachers” organized by VR Siddhartha Engg. College from 07.12.2021 to 19.12.2021.

50. Participated and successfully completed APSSDC online FDP on Aws Cloud Computing from 22/06/2020 to 26/06/2020.
51. Participated and successfully completed “AICTE Training and Learning (ATAL) Academy online FDP on “Internet of Things (IoT)” from 07/12/2020 to 11/12/2020 at Gudlavalleru Engineering College.
52. Participated in A Three -Day FDP on Insights of NBA Organized by K.C.College of Engineering & Management Studies& Research, Thane from 28/06/2021 to 30/06/2021.
53. Participated in “AICTE Margadharshan- Research Methodology & IPR” organized by VR Siddhartha Engg. College from 13/09/2021 to 17/09/2021.
54. Successfully completed one-week online Faculty Development Program on Outcome-based Education, organized by Departments of CSE & ECE, KHIT in collaboration with Computer Society of India, Vijayawada Chapter from 21<sup>st</sup> June 2021 to 25<sup>th</sup> June 2021.
55. Successfully completed “AICTE Sponsored one-week STTP on recent trends in wireless sensor networks and Applications” organized by Malla Reddy Engineering College for Women during 3<sup>rd</sup> to 8<sup>th</sup> August 2020.
56. Participated in “AICTE Margadharshan- Outcome Based Education; Importance of Outcomes, assessment and Evaluation for Accreditation” organized by VR Siddhartha Engg. College from 14/08/2020 to 16/08/2020.
57. Participated in “AICTE one -week AICTE Sponsored STTP on Trends and Challenges in Medical Image Analysis through Deep Learning Algorithms a” organized by VR Siddhartha Engg. College from 13/09/2021 to 18/09/2021.
58. Participated in AICTE sponsored Two-week online Fdp on “Nurturing Morals, Work Ethics & Accountability for Technical Teachers”, Vardhaman College of Engineering, Hyderabad from 20<sup>th</sup> – 25<sup>th</sup> July 2020.
59. Completed course on “Advance Python Programming” from 27-04-2020 to 22-05-2020 conducted by Data Teach Labs.
60. Successfully completed “AICTE Sponsored one-week STTP on recent trends in wireless sensor networks and Applications” organized by Malla Reddy Engineering College for Women during 3<sup>rd</sup> to 8<sup>th</sup> August 2020.
61. Participated & Successfully AICTE Training and Learning academy online Elementary FDP on Role of Academic Institutions in Community Service from 04.10.2021 to 08.10.2021 at Ayya Nadar Janaki Ammal college.
62. Participated & Successfully AICTE Training and Learning academy online Elementary FDP on Internet of Things in 5G Wireless Communication from 06.09.2021 to 10.9.2021 at NERIST.
63. Participated in Two - Day Online FDP on Teaching Methodologies held on 13.05.2020 -14.05.2020 organized by North Storm Academy.
64. Participated in Five - Day Online FDP on Data Science & Cloud Computing organized by Department of Computer science and Engineering of Chebrolu

Engineering College, Guntur from 18.05.2020 to 22.05.2020.

65. Participated in One Day Faculty Development Program on from 03-05-2020,  
Organized by IPR Ethics & Trails in Research Santhiram Engineering College,  
Nandyal

**Professional Memberships**

S.No	Organization	Membership Number	Membership Type
1	ISTE	LM117623	Life time
2	IAENG	220672	Life time
3	IEEE	98002545	One year