Mrs. Varsharani Sudam Gaikwad
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Educational Qualifications

1. M.E. Electronics (VLSI)
2. B.E. Electronics

Experience

- Teaching: 26 years

Research

- **Title of Research Project:** Wireless Sensor Network Using Zigbee Technology
- **Title of Paper:** Mecanum wheel an emerging trends for land based vehicle

  International Journal for Research in applied science and engineering
  (IJRASET) **ISSN/ ISBN No.43432**

Publications

BOOK

1. Communication Technique -Vrinda publications ISBN NO 81-7815-678-6
2. Basic Electronics-Proficient publications DE0018
3. "COVID-19:Impactand Response volume VII, Bhumi Publication", Role of Electronics and communication in COVID -19, **ISBN:978-93-91768-52-2)**

Course/Seminar/Symposium/Workshop attended

1. Three days Editor workshop on "Laboratory Manual Development Project" Jointly conducted by NITTR Pune and MSBTE Mumbai at BVJNIOT Poly PUNE on 22.04.2002 to 24.04.2002 for subject: Digital technique.

2. Three days workshop for " Learning Resource Development Program " Jointly conducted by NITTR Pune and MSBTE Mumbai at Cusrow Wadia IOT Pune on 14-05.2002 to 16-.05.2002

3. Training programme for Development of question bank for second year student Jointly conducted by NITTR Pune and MSBTE Mumbai at Cusrow Wadia IOT Pune on 1-08.2003 to 3.08.2003

4. Three days Workshop on "Revision of Lab Manual" Jointly conducted by NITTR Pune and MSBTE Mumbai on 10.02.2003 to 12.02.2003

5. Workshop for "Development of Question Bank for Third Year Electronics Group" conducted by MSBTE Mumbai at RBTE, Pune on 25.08.2005 to 26.08.2005.

6. One day Workshop on "Reconstruction of laboratory manual for third year electronic group" Jointly conducted by NITTR Pune and MSBTE Mumbai on 17.08.2004.

7. One week Short term course on "Digital communication System" approved by MSBTE and conducted by SVCP, Pune on 25.10.2004 to 29.10.2004.

8. Two day's Workshop on "Reconstruction of laboratory manual for third year electronic group" Jointly conducted by NITTR Pune and MSBTE Mumbai on 26.11.2004.27.11.2004.

9. One day Workshop on "Reconstruction of laboratory manual for subject Communication system" conducted by NITTR Pune and MSBTE Mumbai on 23.12.2004.

10. Two weeks MSBTE sponsored short term training program on "Development of Generic Skill Module II" conducted by Government Polytechnic, Pune on 19.09.2005 to 01.10.2005.

11. Two weeks Short term course on "Induction Training for Teachers" approved by ISTE and conducted by BVJNIOT, Pune on 07.11.2005 to 18.11.2005.

12. One week MSBTE sponsored State Level Short term training program on "Communication Systems" conducted by SVCP , Pune on 16.01.2006to 20.01.2006

13. Workshop for" Implementation of curriculum of scheme "C" IV Sem for Electronic group" conducted by MSBTE Mumbai at RBTE, Pune on 09.01.2008.

14. Three day workshop for "Development of Question Bank ,Test papers, teacher guide"conducted by MSBTE Mumbai at RBTE, Pune on 09.06.2008 to 11.06.2008

15. One day workshop on "Electronic engineering" conducted by MSBTE Mumbai at RBTE, Pune on 17.7.2008

16. One weeks MSBTE sponsored State Level Short term training program on "VLSI Design" conducted by JSPM, Handewadi, Pune on 13.01.2009 to 17.01.2009

17. One week's MSBTE sponsored State Level Short term training program on "Embedded System" conducted by Bhivarabai Savant Poly, Pune on 02.02.2009 to 06.02.2009

18. Two Days State Level Workshop on "Institute Building and Staff Development" conducted by AISSMS's IOIT, Pune on 08.10.2009 to 09.10.2009

19. Two days workshop on "Curriculum Revision Project 2012" conducted by MSBTE Mumbai at RBTE pune07.09.2011 to 08.09.2011.

20. Three days workshop on "Curriculum Revision Project 2012 for Electronic group" jointly conducted by Manohar Phalke Polytechnic, Mumbai and MSBTE Mumbai on 19.09.2011 to 21.09.2011

21. Two days "Content detailing workshop for Electronic Engineering Group " jointly

conducted by Manohar Phalke Polytechnic, Mumbai and MSBTE Mumbai on 12-10-2011 to 13-10-2011

22. Two days workshop on "4G Technology" conducted by AISSMS's IOIT, Pune on 23.02.2012 to 24.02.2012

23. Workshop on "Embedded system" conducted by AISSMS's polytechnic, Pune on 06-10-2012

24. Cisco Workshop On "Computer Hardware & Networking Institute" , Jetking Hadapsar On 12-01-1013 to 13-01-13

25. 4P –Round Table Conference conducted by Technoharh computers2013

26. Worked as Resource Person for Orientation Program of G scheme for Subject: Electronics Devices and Circuits of 3rd semester of Electronics Engineering diploma on 26th June 2013.

27. Three days workshop for "Development of Teachers Guide for 4th semester G scheme Electronic engineering Group" conducted by MSBTE Mumbai on 19.12.2013 to 20.12.2013

28. "Mind Body Medicine spiritual conference 2013" on 23-10-13 organized by Bramaha Kumaries at Pune.

29. Two days' workshop on "Trainers training 3rd semester G scheme Electronic group" conducted by MSBTE Mumbai at RBTE pune17.06.2013 to 18.06.2013.

30. Two days' workshop on 'Personality Development' organized AISSMS's Polytechnic, Pune 23-12-14 to 24-12-14

31. Conference 2014"Education in Values and Spirituality" organised by Bramaha Kumaries at Mount Abu on 30-05-2014 to 03-06-2014

32. Two days "Workshop for Quality questions" jointly conducted by Government Polytechnic PUNE and MSBTE Mumbai on 1-02-2013 to 02-02-2013

33. Two week FDP for" Entrepreneurship Development" organized by AISSMS Polytechnic Pune on 16-08-2006 to 30-08-2016

34. Three days MSBTE sponsored Industrial Training Program on Satellite Telecommunication at M/S Institute of satellite training center Kharadi Pune from 19 -10-16 to 21-10-2016

35. Five days training program "Hands on Training using open source software for signal processing & building Embedded System" conducted by AISSMS's IOIT, Pune on24-2-2016 to 28-02-2016

36. FSAI (Fire and Security association of India)Industry institute interaction program conducted by AISSMS's IOIT, Pune on 08-07-2016

37. One week short term training program on 'NBA assessment' MSBTE sponsored organized by G. P. Aurangabad from 16.01.17 to 20.01.17

38. National Level Workshop on "Antennas for modern Wireless Communication" conducted by AISSMS's IOIT, Pune on 01-2-2018 to 2-02-2018

39. One day workshop on "I –scheme Orientation Program" Jointly conducted by BVJNIOT poly Pune and MSBTE Mumbai on 19-06-2018

40. One week's ISTE sponsored State Level Short term training program on " Current trends in Wireless Communication" conducted by D.Y.Patil Y.B.Poly Akurdi on 23 - 07-2018 to 28.07.2018

41. Faculty Development program on "Health Awareness At Workplace" conducted by AISSMSCOE, Pune on 11-10-2019

42. Five days FDP on "PYTHON" organized by Pune AISSMSCOE association with spoken tutorial IIT Bombay   from 28-04-2020 to 04-05-2020.

43. Five days FPD on "Moodle Learning Management system" organized by APCOER Pune from 4-05-2020 to9-05-2020.

44. FDP on "Online Platform for Distance Education" organized by KES's Rajarambapu Institute of Technology from 12-05-2020 to14-05-2020.

45. Five days FDP on "C & CPP" organized by SSWP, Solapur association with IIT Bombay May 20th 2020.

46. Six days FDP on "Scilab" organized by Pimpri Chinchwad Polytechnic and IIT Bombay from 22-05-2020 to 27-05-2020.

47. Five days FDP on "Promoting Quality Culture in Technical Institutions" organized by AISSMSCOE, Pune from 25thto 29th May2020

48. Five days FDP on "Ardunio" organized by Sou. Venutai Chavan Polytechnic, Pune association with spoken tutorial IIT Bombay from 25-05-2020 to 29-05-2020.

49. Five days FDP on "Advance Teaching Tools, Techniques and Methodology" organized by AISSMSCOE, Pune from 01-06-2020 to 06-06-2020.

50. Three days International Technical Symposium on "Opportunities & Challenges in Industry 4.0" organized by G.S. Mandal's Maharashtra Institute of Technology, Aurangabad from 15-06-2020 to 17-06-2020

51. Five days FDP on "Recent trends in Data Science and Security" organized by Ramrao Adik Institute of Technology Nerul, Navi Mumbai from 22-06-2020 to 26-06-2020.

52. Five days FDP on "Use of Information and Communication Technology in E-learning and teaching" organized by GLNS TP, Gargoti from 22-06-2020 to28-06-2020

53. Three days workshop "Teachers E learning" organized by Sanjay Ghodawat Polytechnic, Atigre from 25-06-2020 to27-06-20.

54. Two days FDP on "Web Design and E-documentation with Google" organized by SVERI's College of engineering, Pandharpur from 29-06-2020 to 30-06-2020

55. Workshop on 'PSIM Software and its Applications in Power Electronics' organized by Department Of E&TC, AISSMS College Of Engineering, Pune in association with AISSMS COE IEEE Student Branch, IEI & ISTE Chapters on 22th May 2021.

56. Attended and presented poster entitled "Role of Electronic and Telecommunication in Pandemic" at national conference Emerging areas in Engineering and technology organized by CSMSS College of Polytechnic, Aurangabad in association with MSBTE, Mumbai and ISTE New Delhi 0n 19 June 2021 on online mode

57. Recent Innovation in Science ,Engineering & Technology-20 organized by G W COE Nagpur from 13.08.20 to14.07.20

58. Workshop on robotics31.07.20 to 02.08.20 Skill to hire

59. Recent Advances in a Biomedical Applicaions and Communication networks organized by GMR institute of Technology, Rajam, AP, India from 13-07-20 to18-07-20

60. A Way towards Aaatmanirbhar Bharat organized by Ramrao Adik Institute of Technology from 3.07.21 to07.08.20

61. Advancements & Research opportunities in Electronics &Telecommunication Engg. BVCOE Pune from 04.08.20 to 08.08.20

62. One day FDP on "Flipped classroom" 15.08.20 Anjuman –I-Islam kalsekar Technical Campus

63. Enriching English and Communication Skills for Professionals organized by JNIOT Dhankawadi Pune from 18.08.21 to 20 .08.21

64. Attended FDP on Advances in technologies,evolving new dimensions in e-society organized by Cse Jis college of engg.west Bengal from 2.09.20 to6.09.20

65. AICTE sponsored One week Online Short-Term Training Program on "Role of Teacher: To Boost Moral values, Ethics in Engineering Education System" Organized by Department of Electronics & Telecommunication Engineering, MVPS's, KBT College of Engineering, Nashik During 17th Dec. 2020 to 23rd Dec. 2020

66. State level online one week Faculty Development Program on "Artificial Intelligence" organized by Department of E & TC, JSPM's Rajarshi Shahu College of Engineering, Polytechnic, Pune in association with "The Institution of Engineers (INDIA)" held during 11th January 2021 to 17th January 2021.

67. Vitual Labs: Hands –On outreach Workshop for polytechnic faculty organized by AISSMS Polytechnic, Pune on 5.02.21

68. MSBTE sponsored One week online "EFFECTIVE UTILIZATION OF ELECTRICAL LABORATORY EQUIPMENT" (Virtual –Mode) Organized by Electrical Engineering Department Government Polytechnic Nanded from 21st to 26th June 2021

69. AICTE Quality Improvement Scheme (AQIS) sponsored one week Online Short-Term Training Program (STTP) on "Innovative and Inventive Problem Organized by Department of Production Engineering, AISSMS College of Engineering, Pune from13th July to 18th July 2021

70. Five days FDP on "Augmented reality and virtual reality" organized by AISSMS COE PUNE from21-06-21 to25.07.21

71. FDP on "Multi Technology" organized by "AISSMS institute of information technology Pune From 28.06.21 to 03.07.21

72. Five day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 19 July, 2021 to 23 July, 2021.

73. One Week International Faculty Development Programme on "Advanced technologies in Wireless Communication Networks (ATWCN)-2021" (Virtual Mode)"Organized by the Department of Electronics and Communication Engineering, GMR Institute of Technology, Rajam, AP, India, during 2nd August 2021 - 6th August 2021.

74. National Level Online One Week Virtual Workshop On "Personality Development" organized by Department of Information Technology of Nagpur Institute of Technology, Nagpur, Maharashtra 18-08 -21 to 25-08-21

75. Five day online FDP on the theme "Part 1 of the online UHV Refresher 1 FDP" organized by All India Council for Technical Education(AICTE) from, 23 August, 2021 to 27 August, 2021

76. Attended Webinar on "Engineers for Skill Development & Employment in Combating COVID" on 15.09.2021 Organized by AISSMS Polytechnic, Pune Under ISTE Faculty Chapter & IEI Students Chapter

Awards/Achievements

- Won the Second Prize for poster in "E-Poster Competition -2020" Organized by K. S. K. W. College, Nashik **Topic** – 'Role of Science :Pre and Post Covid-19 Pandemic'

- First Rank is received for Poster entitled "Role of Electronic and Telecommunication in Pandemic" at national conference Emerging areas in Engineering and technology organized by CSMSS College of Polytechnic, Aurangabad in association with MSBTE, Mumbai and ISTE New Delhi 0n 19 June 2021 on online mode

Professional Membership

- Life Membership of Indian Society for Technical Education (ISTE). - (LM 30576)
- Life Membership of The Institution of Engineers (India) – (M159740-4)

Blog:

- https://meet.google.com/vwa-bjht-wov
- **'Next Trends in the Electronics'**: https://aissmspoly.org.in/next-trends-in-the-electronics