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Electronics and Telecommunication Engineering
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Personal Details

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Date of Birth : 06 July 1970
Languages : English, Hindi and Marathi
Marital Status : Married
Nationality : Indian

Educational Qualifications

Qualification	School/College	University	Year of Passing	Percentage	Remark
ME (Electronic Engineering (VLSI))	BVU College of Engineering, Pune	Bharati Vidyapeeth University, Pune	2010	61.2	First Class
B.E.(Electronics)	PVPIT Budhgaon, Sangali	Shivaji University, Kolhapur	1992	61	First Class

Experience

Teaching: 27.5 years

Course/Seminar/Symposium/Workshop attended

1. Worked as Editor for "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. Worked as a subject expert for "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 16.01.2006 to 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 Pune 07.09.2011 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 computers 2013
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 Pune 17.06.2013 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" organized 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 16-08-2016 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 on 24-2-2016 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 FDP on “Moodle Learning Management system” organized by APCOER Pune from 4-05-2020 to 9-05-2020.
44. FDP on “Online Platform for Distance Education” organized by KES’s Rajarambapu Institute of Technology from 12-05-2020 to 14-05-2020.
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 25th to 29th May 2020
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 to 28-06-2020

53. Three days workshop “Teachers E learning” organized by Sanjay Ghodawat Polytechnic, Atigre from 25-06-2020 to 27-06-20.
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 On 19 June 2021 on online mode
57. Recent Innovation in Science ,Engineering & Technology-20 organized by G W COE Nagpur from 13.08.20 to 14.07.20
58. Workshop on robotics 31.07.20 to 02.08.20 Skill to hire
59. Recent Advances in a Biomedical Applications and Communication networks organized by GMR institute of Technology, Rajam, AP, India from 13-07-20 to 18-07-20
60. A Way towards Aatmanirbhar Bharat organized by Ramrao Adik Institute of Technology from 3.07.21 to 07.08.20
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 CseJis College of engg. west Bengal from 2.09.20 to 6.09.20
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. Virtual 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 from 13th July to 18th July 2021
70. Five days FDP on “Augmented reality and virtual reality” organized by AISSMS COE PUNE from 21-06-21 to 25.07.21
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
77. Attended two days FDP on “Role of OBE in Teaching and Learning” organized by AISSMS, Polytechnic Pune-01.27th and 28th March 2023
78. Attended virtual yoga twenty one days organized by Habuild and Participated in world record for largest attendance in virtual Yoga class, June 21, 2023,
79. Attended two days FDP on “AI in Engineering” organized by AISSMS’s Polytechnic Pune-01. 30th and 31th October 2023

Industrial Training:-

1. MSBTE sponsored Industrial Training Program on Satellite Telecommunication at M/S Institute of satellite training center Kharadi Pune from 19th October 2016 to 21st October 2016.

Awards/Achievements

1. **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**’
2. **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 On 19 June 2021 on online mode
3. Worked as subject expert for development of teachers guide for subject Principle of communication system and communication technique for electronics engineering group from 9 December 2013 to 10 December 2013
4. Worked as Resource Person for Orientation Program of G scheme for Electronics Devices and Circuits of Electronics Group on 26th June 2013
5. Worked as subject expert for MSBTE for curriculum Revision Project 2012- for Linear Integrated Circuits from 19 September to 21 September 2011
6. Jury member for ‘ELEXQ 2013’ technical quiz competition.
7. Worked as subject expert for MSBTE project for Development of question bank for 3rd year electronics group for subject Communication Systems-II.
8. Worked as subject expert for reconstruction of laboratory manual of 3rd year electronics stream for subject communication system on 23rd December 2004.
9. Worked as subject expert in laboratory manual development project from 22/04/2002 to 24/04/2002

Books Published:-

1. Communication Technique-Vrinda publications ISBNNO81-7815-678-6
2. Basic Electronics-Proficient publications DE0018

Paper Published:-

- **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**
- “COVID-19: Impact and Response volume VII, Bhumi Publication”, Role of Electronics and communication in COVID -19, ISBN:978-93-91768-52-2

Professional Membership

- Life Membership of Indian Society for Technical Education (ISTE).-(LM30576)
- Life Membership of The Institution of Engineers (India)-(M159740-4)

Blog:

<https://aissmpoly.org.in/next-trends-in-the-electronics/>

<https://aissmpoly.org.in/electronics-telecommunication-engineering-is-one-of-the-common-engineering-branches-out-there/>

WORK EXPERIENCE:

- HOD E&TC in AISSMS Polytechnic, Pune (Maharashtra)
Since August 2012 – Till date
- Incharge HOD E&TC in AISSMS Polytechnic, Pune (Maharashtra)
July 2008 July 2012
- Lecturer in AISSMS Polytechnic, Pune (Maharashtra)
Since August 1996 – July 2008

EXTRA ACTIVITIES:

- The member of a three-member committee in regional review assessment center RRAC
- Worked as Officer-In charge in Regional Assessment Center; MSBTE Winter and Summer Examination
- Worked as officer -In charge in Photocopy Copy Distribution Center; MSBTE Winter and Summer Examination
- Worked as paper setter for MSBTE examination for different subject
- Worked as Exam controller for MS-CIT exam
- .Controller of Examination for Summer & Winter Examinations conducted by MSBTE Mumbai in various institutions.
- Worked as departmental coordinator for MSBTE Winter and Summer Examination online exam
- Coordinator of Cultural committee & actively arranged various cultural programs such as Debate competition, Quiz, Poster presentation ,Funfair, Rangoli, Art gallery, Flower arrangement, Seminars, Workshop.
- Worked as External appointment Committee member for MSBTE Winter and Summer Examination
- Worked as Officer-In charge R-RAC MSBTE Examination.
- Worked as Moderation Supervisor in Regional Assessment Center.
- Worked as committee member for scrutiny of paper MSBTE Technical Paper Presentation Competition.
- Subject Expert for question paper moderation at MSBTE scrutiny

- Worked as Internal monitoring committee member
- Worked as Vigilance squad of MSBTE theory examination.
- Subject Expert for Curriculum revision and preparation of laboratory Manuals of MSBTE, Maharashtra State Board of Technical Education, Mumbai for the second and third year diploma students in Maharashtra, for “C”, “E” and “G” scheme.
- Worked as Coordinator of antiragging squad, (VISHAKHA cell) grievance and redressal cell.
- MSBTE representative“ in the External Academic Monitoring Committee (EAMC- Inspection Committee)

Mrs. V. S. Gaikwad

HOD

Department of Electronics and Telecommunication Engineering