



Mrs. Rupali Vijesh Nilajagi

Lecturer

Electronics and Telecommunication

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Personal Details

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Date of Birth	:	10 th March 1981
Languages	:	English, Hindi and Marathi
Marital Status	:	Married
Nationality	:	Indian

Educational Qualifications

Qualification	School/College	University	Year of Passing	Percentage/CGPA	Remark
ME (Digital system)	MIT, Kothrud, Pune-38	Pune University	2012	7.35	First Class
B.E.(Electronics)	D. K, T.E. Textile and Engineering Institute	Shivaji University, Kolhapur	2002	62.33	First Class

Experience

Teaching: 19 years

Course/Seminar/Symposium/Workshop attended

1. Two days online Faculty Development program (FDP) on "Embedded system Design" from 21/07/23 to 22/07/23 organized by Department of Electronics and Telecommunication engineering in association with Institution of Engineers (INDIA) Local center, Nashik

2. One Week National Level AICTE Faculty Development Program (FDP) organized by AISSMS INSTITUTE OF INFORMATION TECHNOLOGY, PUNE, Maharashtra in collaboration with Brainovision Solutions India Pvt. Ltd. and AICTE from 21/08/23 to 25/08/23
3. One week FDP on Electric and Hydrogen Vehicles Sponsored by MSBTE, Mumbai Organized by Department of Mechanical Engineering, AISSMS's Polytechnic Pune from 24th April to 28th April 2023
4. Two Days faculty development program on "Role of OBE in Teaching and Learning" organized by AISSMS's Polytechnic Pune-01 under ISTE faculty chapter from 27th and 28th March 2023
5. Two Days National workshop on 'Implementation of National Education Policy (NEP)2020- Accreditation: Pathway for Quality Education' organized by AISSMS Institute of Management from 16/02/2023 to 17/02/2023
6. 4-week course on "Outcome Based Pedagogic Principles for Effective Teaching" organized by Indian Institute of Technology Kharagpur, NPTEL Online Certification from Feb-Mar 2023(4 Week course)
7. Simulation for Hydraulics and Electro-Hydraulics+ PLC organized by Automation Studio on 14 Feb 2023
8. Development Program- Student Induction on the theme "Inculcating Universal Human Values in Technical Education" UHV Part 1 of the online UHV Refresher 1 FDP conducted online during 23-27 August, 2021 by All India Council for Technical Education (AICTE)
9. Webinar on "Engineers for Skill Development & Employment in Combating COVID"
10. Part 1 of the online UHV Refresher 1 FDP
11. National Level Online One Week Virtual Workshop On "Personality Development"
12. 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education"
13. Emerging Research Trends in Communication
14. Career Growth and Increasing Opportunities
15. Internet of Things (IoT)
16. Stress Management
17. PSIM Software and its Applications in Power Electronics
18. Journey to NASA
19. ADVANCED COMMUNICATION USING IOT & WSN
20. Emerging Trends in Micro/Nano Sensors and Actuators for Industrial Application
21. Virtual Labs: Hands-On outreach Workshop for Polytechnic Faculties
22. Recent Trends in Renewable Energy Sources
23. AICTE Training and Learning (ATAL) Academy Online FDP on "Green Technology & Sustainability Engineering"
24. One week Online Short-Term Training Program on "Role of Teacher: To Boost Moral values, Ethics in Engineering Education System"
25. One Week's AICTE sponsored STTP on "Blockchain Technology and Crypto Currency"
26. One-Week International Webinar/ FDP on "Relevance of Mathematics to Core Engineering Sciences"
27. Two Day National Level Online Workshop on Insightful Rudiments of Originating Google Forms & Generating Certificates- A Horde of Approaches Adaptable
28. 3 Days Online Short-Term Training Program on "Applications of MATLAB in Mathematics, Science and Engineering"
29. National Level Short Term Training Program on "Propositions of Soft Skills & their Relevance's to Life and Academics"

30. One Day Workshop on "Graphic Design Using Canva"
31. One Week Online Short-Term Training Program (STTP-II) On "Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS"
32. Three-days National Online Faculty Development Program on "Enriching English and Communication Skills for Professionals"
33. Five Days Virtual Faculty Development Program on Network Simulation Tools - NS2 & NS3
34. Three Day National Level Workshop Program on "Introduction to IoT And ARDUINO"
35. One day workshop on "VIRTUAL LABS: HANDS-ON WORKSHOP"
36. Five Days FDP on "RECENT TRENDS IN DIGITAL TECHNOLOGIES"
37. Cyber Security & Cyber Law online Training Program
38. Three Days Faculty Development Program on "Recent Trends in Computer Sciences"
39. Industrial Training All India Radio Prasar Bharti Shivajinagar, Pune
40. FDP on Personality Development (Research Methodology, Man life Balance sheet, work ethics)
41. Industrial training program under Hub & spoke model organized by TATA Motors, Pune.
42. Three days Faculty Development Programme on Personality Development at AISSMS's Polytechnic Pune
43. FSAI Orientation & Industry-Institute Interaction Program organized by AISSMS's IOIT, Pune.
44. Hands-on Training Using Open-Source Software's for Signal Processing and Building Embedded Systems organized by E&TC Department of AISSMS's IOIT, Pune

Industrial Training:-

1. Industrial Training at All India Radio Prasar Bharti Shivajinagar, Pune
2. Industrial training program under Hub & spoke model organized by TATA Motors, Pune.

Awards/Achievements

1. Best Faculty award in the Department of Electronics and Telecommunication Engineering for the academic year 2022-2023 based on performance metrics and indices.
2. Topper in "Outcome Based Pedagogic Principles for effective Teaching" NPTEL Online Certification course
3. Inter science Young Investigator Award for the paper entitled Robust Face Recognition using LDA

Books Published:-

1. Book Published on Electronic Materials & Components (Code:312316) Techknowledge Publications ISBN NO. 978-93-5563-935-6

Paper Published: -

1. Face Recognition using Gabor Wavelets and LBP CIIT International Journal of Digital Image Processing
2. Robust Face Recognition using LDA International
3. Face Recognition using Space, Scale and Orientation Domains National
4. ePGCON 2012 Conference for post Graduate Students of Electronics/Electronics & Telecom. Engineering under University of Pune

Professional Membership

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

WORK EXPERIENCE:

- **Lecturer in AISSMS Polytechnic, Pune (Maharashtra)**
Since 24th July 2006 – Till date
- **Lecturer in AISSMS Polytechnic, Pune (Maharashtra)**
Since June 2005 for academic year 2005-2006
- **Lecturer in AISSMS Polytechnic, Pune (Maharashtra)**
Since August 2003 for academic year 2003-2004

EXTRA ACTIVITIES:

- Working as Department Level coordinator for NBA criteria-5
- Working as AISSMS Polytechnic ISTE Faculty chapter committee member.
- Working as departmental Guest/ Expert lecture in-charge.
- Working as departmental website in-charge.
- Working as departmental lab in-charge
- Worked as anchor for college level program such as FDPs like AI in Engineering and IoT and its Applications
- Worked as paper setter for MSBTE examination
- Worked as departmental coordinator for MSBTE Summer online exam
- Worked as quality Officer-In charge, Moderation Officer Incharge,; MSBTE Winter and Summer Examination.
- Worked as quality Officer-In charge in Regional Assessment Center (Photocopy Verification; MSBTE Winter and Summer Examination
- Worked as supervisor in Photocopy Copy Distribution Center; MSBTE Winter and Summer Examination
- Worked as supervisor in R-RAC, MSBTE Winter and Summer Examination
- Worked as supervisor for MSBTE theory Examination
- Worked as Supervisor in Regional Assessment Center.
- Worked as team member for State Level Technical Paper Presentation Competition “Techno-Vision” organized by AISSMS polytechnic
- Worked as Internal monitoring committee member
- Worked as Assessor & Moderator in Regional Assessment Center; MSBTE Winter and Summer Examination.

Mrs. R. V. Nilajagi

Lecturer in Electronics and Telecommunication Department