Name	**Dr. Sharada Vikram Chougule**	Paste a Photo

Designation	Professor and Head
Department	Electronics and Telecommunication Engineering
Date of Joining the Institute	25/07/2002
Education	Ph.D. Electronics Engineering
Branch / Specialization	Electronics Engineering
Areas of Interest	Digital Signal Processing, Image and Video Processing, Digital Speech Processing, Machine Learning, Natural Language Processing
Email	sharada.chougule@famt.ac.in

Academic Appointments

Name of the University / Institute/ Industry	Duration	Designation
Finolex Academy of Management and Technology, Ratnagiri	From 25/07/2002 to till date	Professor
Rajaram Shinde Polytechnique Pedhambe	From 05/09/1995 to 31/05/1998	Lecturer
Rajaram Shinde College of Engineering, Pedhambe	From 01/06/1998 to 30/04/2002	Lecturer

Total Experience – 27.5Years

Books / Book Chapter - 05

1. "Analyzing Vocal Tract Parameters of Speech", In: Merchant S.N., Warhade K., Adhikari D. (eds) Advances in Signal and Data Processing. Lecture Notes in Electrical Engineering, vol 703. Springer, Singapore. https://doi.org/10.1007/978-981-15-8391-9_27. https://link.springer.com/chapter/10.1007/978-981-15-8391-9_27.

2. "Speaker Specific Formant Dynamics of Vowels" , In book: Advances in Signal Processing and Intelligent Recognition Systems (pp.118-129), DOI: 10.1007/978-981-15-4828-4_11, May 2020 .

3. "Comparison of Frequency-Warped Filter Banks in relation to Robust Features for Speaker Identification", 13th International Conference on Signal Processing (SIP '14), Istanbul, Turkey, December 2014, published in Recent Advances in Electrical Engineering, ISBN: 978-1-61804-260-6, pp.157-162, December 2014.

4. "Feature Level Compensation for Robust Speaker Identification in Mismatched Conditions", *18th International Conference on Circuits, Systems, Communications and Computers*, (CSCC'14) Santorini Island, Greece, July 2014, published in *Latest Trends on Systems* – Vol. I, ISBN: 978-1-61804-243-9, pp. 344-352, July 2014.

5. "Channel Robust MFCCs for Continuous Speech Speaker Recognition ", International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS'14), Thiruvananthapuram, Kerala, published in Springer Book Series: Advances in Signal Processing and Intelligent Recognition Systems Advances in Intelligent Systems and Computing , Vol. 264, pp. 557-568, March 2014,Print ISBN:978-3-319-04959-5, Online ISBN :978-3-319-04960-1.

Awards / Honors / Prizes

1. Completed Doctor of Philosophy in Electronics Engineering from Shivaji University, Kolhapur in October 2017.

2. Recognized M E Guide of Mumbai University from March 2023.

3. Elite grade and Gold Medal in NPTEL course conducted by IIT Kharagpur for subject "Digital Image Processing."

4. Elite grade in NPTEL course conducted by IISC Bangalore for subject "NBA Accreditation and Teaching - Learning in Engineering."

5. Elite grade in NPTEL course conducted by IIT Roorkee for subject " Remote sensing and DIP of Satellite data."

Papers Published

Papers Published in National / International Journals - 14

International Journals – 14

1. Paper titled "Smart Crop Protection System from Animals", International Journal of Creative Research Thoughts,ISSN2320-2882, Volume 10, Isuue-4, April 2022.

2. Paper titled "Employess Entry Monitoring System to avoid spread of Covid-19" , International Journal of Creative Research Thoughts,ISSN2320-2882, Volume 10, Isuue-4, April 2022.

3. Paper titled "Visual Assistant using TTS", International Journal of Creative Research Thoughts,ISSN2320-2882, Volume 10, Isuue-4, April 2022.

4. Paper titled "Smart Aquafarm Monitoring System" International Journal of Scientific Research in Engineering and Management (IHSREM), Volume 5, Issue 7, July 2021.

5. Paper titled "Aquatic Farm Monitoring System" International Journal of Scientific Research in Engineering and Management (IJSREM) , Vol.4, Issue 8, August 2020.

6. Paper titled "Implementing Secured Network for Tier 1 Organization", SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE) – Volume 7 Issue – pg.14-20, 4 April 2020.

7. Paper titled "Review on Underground Cable Fault Detecting Robot", International Journal for Science and Advance Research In Technology, Volume 5, Issue 3, March 2019.

8. Paper titled "Review on Text to Speech System", International Journal for Research in Engineering Application & Management (IJREAM) ISSN: 2454-9150 Special Issue - CTRD – 2018.

9. Paper titled "Speaker Recognition in Mismatch Conditions: A Feature Level Approach", International Journal of Image, Graphics and Signal Processing (IJIGSP), Vol.9, No.4, pp.37- 43, 2017.DOI: 10.5815/ijigsp.2017.04.05.

10. Paper titled "Speech Signal Analysis: A Frequency Domain Approach", Asian Journal of Convergence in Technology Volume II, Issue III, ISSN No.:2350-1146, I.F-2.71.

11. Paper titled "Performance of Complementary Features for Robust Speaker Identification", International Journal of Computer Applications (IJCA) ISSN: 0975 – 8887, Vol. 123 – No.9, pp.21-27, August 2015.

12. Paper titled "Speaker Identification in Mismatch Condition using Warped Filter Bank Features", International Journal of Circuits, Systems and Signal Processing, ISSN: 1998-4464, Vol.9, North Atlantic University Union (NAUN), pp.88-93, January 2015.

13. Paper titled "Speaker Features and Recognition Techniques: A Review", International Journal of Computer Engineering Research (IJCER) ,Vol No.2, Issue No.3 ,ISSN-2250-3005,May-June 2012.

14. Paper titled "Text Independent Speaker Identification using MFCC features with VQ Technique" International Journal of Electronics and Communication Engg. (IJECE), Volume 3, No. 1 (2010), pp 9-17.

Papers Presented/Published in National/ International Conferences - 19

International Conferences – 11

1. Paper presented titled "Employee Entry Monitoring system to avoid spread of Covid-19" International Conference on Communication and Computing ICCCC-2022 , 08 and 09 April 2022,at FAMT Ratnagiri.

2. Paper presented titled "Visual Assistant using TTS" International Conference on Communication and Computing ICCCC-2022 , 08 and 09 April 2022,at FAMT Ratnagiri.

3. Paper presented titled "Smart Crop Protection System from animals" International Conference on Communication and Computing ICCCC-2022 , 08 and 09 April 2022,at FAMT Ratnagiri.

4. Paper presented titled "Analyzing Vocal Tract Parameters of Speech", Springer International Conference in Signal and Data Processing (ICSDP-2019) at MIT , Aalandi, Pune 15-16 November 2019 and published in Springer Advances in Signal and Data Processing, 369-376,2021

5. Paper presented titled "Speaker Specific Formant Dynamics of Vowels" , presented at at 5th International Symposium of Signal Processing and Intelligent Recognition (SIRS'19) ,18-21 December 2019 at Indian Institute of Information Technology and Management-Kerala (IIITM-K), Trivandrum, Kerala, and published in Springer in Communications in Computer and Information Science Series(CCIS), ISSN: 1865:0929. pg.118-129, 2019.

6. Paper presented titled "Effectiveness of LSP Features for Text Independent Speaker Identification", IEEE International Conference on Computer, Communication and Security (ICCCS-2015), Mauritius, December 2015, and published in IEEE Xplore Digital Library,pp.1-4.

7. Paper presented titled "Robust Spectral Features for Automatic Speaker Recognition in Mismatch Condition", *Second International Symposium on Computer Vision and the Internet* (VisionNet'15), Aluva ,Kochi, Kerala August 2015, and published in 2015,

published in Elsevier Presidia Computer Science, pp.272-279 doi:10.1016/j.procs.2015.08.021, August 2015.

8. Paper presented titled "Filter bank based cepstral features for speaker recognition" IEEE Global Conference on Wireless Computing and Networking (GCWCN-2014) ,22-24 December 2014 at Sinhagad Institute of Technology, Lonawala.

9. Paper presented titled "Comparison of Frequency-Warped Filter Banks in relation to Robust Features for Speaker Identification", Proceedings of the 13th International Conference on Signal Processing (SIP '14); December 15-17, 2014, and Published in: Recent Advances in Electrical Engineering pp 157-162, ISBN: 978-1-61804-260-6.

10. Paper presented titled "Feature Level Compensation for Robust Speaker Identification in Mismatched Conditions", 18th International Conference on Circuits, Systems, Communications and Computers (CSCC '14) Santorini Island, Greece, July 17-21, 2014 and Published in: Latest Trends on Systems - Volume I pp 344-352, ISBN: 978-1-61804-243-9.

11. Paper presented titled "Channel Robust MFCCs for Continuous Speech Speaker Recognition", International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS-2014) IIITM-K Thiruvananthapuram, 13-15 March 2014 and Published in -Advances in Signal Processing and Intelligent Recognition Systems Springer International Pub.2014, Volume 264, 2014, pp 557-568.

National Conferences – 08

1. Paper presented titled "College Hostel Portal", in IEEE National Students' Conference on Innovation In Rural Development INSCIRD-2023, organized by IEEE Students' Branch, Shri Sant Gajanan Maharaj College of Engineering, Shegaon held on 20th - 21st April 2023.

2. Paper presented titled " Review on Text to Speech System" , National Conference CTRD2K18 RMCET, Ambav, 21-22 December 2018.

3. Paper presented titled "Scope and Challenges of Automatic Speech Recognition", National Conference CTRD2K18 RMCET, Ambav, 21-22 December 2018.

4. Paper presented titled "Speech Signal Analysis: A Frequency Domain Approach", *2nd National Conference on Recent Advances in Science and Technology* (RAST-2016),Ratnagiri, 17 to 18 February 2016.

5. Paper presented titled "Auditory Based Features for Speaker Recognition", *National Conference on Latest Trends in Electronic Science and Technology* (LATEST-2014),organized by Shivaji University Kolhapur, 14 to 15 February 2014.

6. Paper presented titled "Features and Techniques for Speaker Recognition" at the National Conference on Electronics, Communication & Automation at Shri Vithal Education & Research Institute of Engg., Pandharpur from 23-24 December 2008.

7. Paper presented titled "Speech Processing Techniques" at the National Conference on Electronics, Communication & Automation at Shri Vithal Education & Research Institute of Engg., Pandharpur from 23- 24 December 2008.

8. Paper presented titled "Symbolic Prosody Generation for Text to Speech System" at the National Conference on Communication and Signal Processing at Thadomal Shahani Engg. College Mumbai on April 12-13 2007.

Number of Workshops, Seminars, STTPs, FDPs Attended

STTP / FDPs (34)

1. Completed AICTE evaluated two week patent course organized by Turnip Innovations from 12/10/2023 to 25/10/2023.

2. Completed Online National Faculty Development Program on "Artificial Intelligence, Machine Learning and it's Application" , organized by Bharat Institute of Engineering and Technology, Hyderabad ,from 10th -14th July, of the year 2023.

3. Completed ISTE Approved One Week Online FDP on AI Algorithms and Applications in Healthcare, organized by Department of Electronics and Telecommunication Engineering, from 19th June to 23rd June 2023.

4. Completed Online ISTE approved SF-STTP/FDP Program on "Natural Language Processing and it's Applications" held during 09.01.2023 to 14.01.2023 organized by Xavier Institute of Engineering, Mahim, Mumbai, Maharashtra.

5. Completed Online Five days FDP on Computer Vision in Machine Learning 17 to 21 October 2022, organized by department of computer science Datta Meghe College of Engineering Airoli, Navi Mumbai

6. Completed ISTE Approved Six days online Short Term Training Program on Next Generation Cloud Computing Tools and Technologies ,11 to 16 July 2022 organized by Xavier Institute of Engineering

7. Completed AICTE ISTE Sponsored refresher course on" Recent Trends in AI" from 11 January , 2022 to 17 January 2022 organized by RMCET Ambav

8. Completed ATAL Online Five Days FDP on"Artificial Intelligence for Computer Vision", from 12 July to 16 July 2021, by IIT Roorkee.

9. Completed ATAL Five Days online FDP on "Recent Trends on Cyber Security Domain" from 05 July to 09 July 2021, by Centre for Information Technology and Engineering

Manonmaniam Sundaranar University Abishekapatti, Tirunelveli – 627 012, Tamilnadu, India

10. Completed AICTE sponsored One week online Short Term Training Programme (STTP) on "NATURAL LANGUAGE PROCESSING WITH GOOGLE AI AND DIALOGFLOW AND ITS APPLICATION" Dates:21st – 26th June, 2021, organized by SNDT women's University, Mumbai

11. Completed Online FDP on "Research Funding Projects and IPR", organized by KCCOE, Thane, from 07 June to 09 June 2021.

12. Completed AICTE Approved one week STTP on "Data Analytics using Python" organized by Sandip Institute of Engineering and Management, Nasik from 24 May to 28 May 2021.

13. Completed One week AICTE Training and Learning(ATAL) Academy online FDP on "Artificial Intelligence" from 27 January 2021 to 31 January 2021 at Shri Jayachamreajendra College of Engineering.

14. Completed Online Faculty program on NBA on 05/09/2020, organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai.

15. Completed Five days FDP program on "Machine Learning using Python" from 10 August 2020 to 14 August 2020, organized by Sinhagad Technical Education Society in association with ATS Learning Solutions.

16. Completed Five days online FDP on "Research in Engineering, A Way Forward" , from 06/07/2020 to 10/07/2020 organized by A P Shah Institute of Technology, Thane.

17. Completed International FDP on "Research Methodologies and Techniques" from 04/07/2020 to 05/07/2020 organized by Sandeep Institute of Engineering and Management, Nashik.

18. Completed One week AICTE-ISTE approved STTP on "Outcome Based Education and NBA" FROM 29 June to 03 July 2020 organized by L R Tiwari College of Engineering.

19. Completed 05 Days online STTP on "Recent Trends in Data Science and Information Security" from 22 June 2020 to 26 June 2020 organized by RAIT Navi Mumbai.

20. Completed One week online National Level FDP on "Effective use of ICT Tools in Teaching-Learning Process" from 08 June 2020 to 12 June 2020 conducted by Govt . Polytechnique Malvan.

21. Completed Five days online STTP on "Signal Analysis ,Machine Learning and its Applications using Python and Matlab" from 01 June 2020 to 05 June 2020, organized by RAIT, Navi Mumbai.

22. Completed Five days online STTP on "Recent Trends and Applications in Machine Learning and Deep Learning" from 25 May 2020 to 29 May 2020,organized by Dept. of Information Technology, RAIT, Navi Mumbai.

23. Completed One week online FDP on "Scilab" 11 May 2020 to 15 May 2020 organized by Pillai College of Engineering, New Panvel.

24. Completed One week online FDP on "R programming" organized by A P Shah Institute of Technology, Thane, in association with Spoken Tutorial and ISTE from 27 April 2020 to 02 May 2020.
25. Completed Two Days FDP on "NBA Preparation" from 05 March 2020 to 06 March 2020, at Finolex Academy of Management and Technology, Ratnagiri.
26. Completed FDP on "Cyber Security" from 23 January 2020 to 25 January 2020 at Finolex Academy of Management and Technology, Ratnagiri.
27. Completed 08 weeks online NPTEL Course FDP on "Remote sensing and Digital Image Processing of Satellite data", August to October 2019.
28. Completed AICTE-ISTE Approved one week Induction program on "Open Source Solutions in Teaching Learning Process" from 24 June 2019 to 26 June 2019 , at Finolex Academy of Management & Technology, Ratnagiri.
29. Completed One week AICTE-ISTE approve STTP on "Digital Image Processing-Issues, Challenges and Research Avenues" from 04 June 2018 to 08 June 2018 at Finolex Academy of Management & Technology, Ratnagiri.
30. Completed One day seminar on "One-Day seminar on "An Introduction to Speech Technology: Automatic Speech Recognition and Text-to-Speech Synthesis", on 31/01/2018 at Finolex Academy of Management & Technology, Ratnagiri.
31. Completed One day Faculty Development Program on Self-Dependence and Advantages of Technology and Digital Marketing,' at Finolex Academy of Management & Technology, Ratnagiri on 23rd September 2016, conducted by Lemures Technologies and IEEE Delhi.
32. Completed TEQIP-II Sponsored, Five day STTP on "Audio and Speech Signal Processing (ASSP-2014), organized by Computer Engg. Dept. SVNIT, Surat from July 07-11 2014.
33. Completed One week STTP on "MATLAB applications in Electronics Engineering" from 14th to 19th December 2009 at Tatyasaheb Kore Institute of Engg. & Technology, Warananagar.
34. Completed Two-week training program on "Embedded Using Linux ARM & Keil", from 03rd March 2007 to 17th March 2007 at FAMT, Ratnagiri.

Two Week or One Week Workshops (12)

1. Completed One week online hands on workshop on" Real Time Computer Vision Applications using Python with webcam" from 16-21 August 2020, organized by Shri Sant Gajanan Maharaj College of Engineering ,Shegaon.
2. Completed "Summer School on Speech Signal Processing (S4P) 2017", at Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujrat, 8-12 July 2017.

3. Completed "Network Associate-Routing and Switching"- 17/02/17 to 22/02/17 at FAMT Ratnagiri, Organized by Telenetworks Technologies, Vashi,Navi Mumbai.
4. Completed "Summer school on Speech Signal Processing-S4P" 4/06/16 to 08/06/16 at DA-IICT Gandhinagar, Gujarat.
5. Completed "Winter School on Speech and Audio Processing WiSSAP-2015", 4-7 January 2015 at DA-IICT Ganghinar, Gujarat.
6. Completed ISTE Workshop on "Computer Programming", conducted by IIT Bombay from 16 to 21 June 2014 at FAMT Ratnagiri.
7. Completed ISTE Workshop on "Signals and Systems", conducted by IIT Kharagpur from 02 to 12 June 2014 at FAMT Ratnagiri.
8. Completed "Winter School on Speech and Audio Processing WiSSAP-2014", 17-20 January 2014 at IIIT-Hydrabad.
9. Completed ISTE workshop on "Introduction to Research Methodologies", conducted by IIT, Bombay from 25 June to 04 July 2012 at FAMT Ratnagiri.
10. Completed International workshop on "Air Interface Design for Future Wireless System" from 28th June to 2nd July 2010 at Sinhgad Academy of Engineering, Pune.
11. Completed Winter School on "Speech and Audio Processing 2010' ,12th to 15th January 2010 at IIT Mumbai.
12. Completed Workshop on "Microwave Antennas" from 27th June 2006 to 1st July 2006 at Dr. Babasaheb Ambedkar Technological University, Lonere.

Workshops (18)

1. Completed One-day online workshop on "Disease diagnosis using machine learning techniques" organized by Codon Biosciences Pvt Ltd., Goa on the 8th of July 2023.
2. Completed Three days online training program on "AI in Telecommunication" organized by Finolex Academy of Management and Technology, Ratnagiri from 28 June 2021 to 30 June 2021.
3. Completed Two-days workshop on "Internet of Things" from 14 May 2020 to 15 May 2020, in Association with IET and Universal College of Engineering, Vasai, Mumbai.
4. Completed Two days workshop on "Cyber Security" by Telenetworks Technologies, 4-5 October 2019 at Finolex Academy of Management & Technology, Ratnagiri.
5. Completed Four days workshop on " Python Programming and Raspberry-pi" from 28 February 2019 to 03 March 2019 at Finolex Academy of Management & Technology, Ratnagiri.
6. Completed One day workshop on " Computer Hardware and Networking " on 28 June 2018 at Finolex Academy of Management & Technology, Ratnagiri.

7. Completed Two-days workshop on "RF and Antennas-From theory to practice" from 11/08/17 to 12/08/17 at FAMT Ratnagiri.

8. Completed Three days workshop on "Fundamentals of Networking and Unified Communication" from 27/10/17 to 29/10/17 at FAMT Ratnagiri.

9. Completed Two-days workshop on "Mobile Antenna- Design, Fabrication and Testing", at Finolex Academy of Management and Technology, in 01/08/15 to 02/08/15 August 2015.

10. Completed One day Orientation-cum Workshop for "Inter Collegiate Research Convention Avishkar-2014-2015" on 12 August 2014 , on behalf of University of Mumbai , at FAMT Ratnagiri.

11. Completed One day Training program on "Cisco Certified Network Associate" by IP Solutions on 19 Jan 2013 at FAMT, Ratnagiri.

12. Completed Two day workshop on " Virtual Labs, Electronics" on 09th & 10th April 2011 at FAMT, Ratnagiri.

13. Completed Two days workshop on "Virtual DSP Lab" from 13-14 December 2010 at IIT Mumbai.

14. Completed Two days workshop on "Simulation of Electronics Circuits & Power Electronics Systems using SEQUEL" on Oct 31 to Nov 01, 2009 at FAMT Ratnagiri.

15. Completed One Day Workshop on "Quality Education in Engineering and Technical Institution", 24 Jan 2009 at FAMT, Ratnagiri.

16. Completed Two Days workshop on "Linux" from 12-13 August 2006 at FAMT, Ratnagiri.

17. Completed Three days workshop on "LaTex-A document preparation system " on 09 to 11 December 2004 at FAMT, Ratnagiri.

18. Completed One day workshop on "Advances in Micro-electronics" by IIT Mumbai on 15th March 2003 at FAMT, Ratnagiri.

Seminars/Webinars (15)

1. Attended Online Two days workshop on "Multilingual and Code Switching ASR challanges for Low Resource Indian Languages (MUCS)2021 " from 12 to 13 August2021.

2. Attended One day symposium (online panel discussion) on "Beyond the Pendamic: Knowledge, Recession and much more" on 09/08/2020 organized by RGIT Mumbai.

3. Attended Webinar on " How to use Microsoft Teams effectively for Education" on 10 August 2020 organized by LLAGT.

4. Attended Four days industrial webinar on Internet of Things and Raspberry-pi programming from 17/07/2020 to 17/07/2020 conducted by Electrowings Services Ichalkaranji.

5. Attended Webinar on "Carrier Opportunities after Engineering Education: A broader perspective for students and parents " on 20 July 2020 organized by LLAGT.

6. Attended Webinar on "Machine Learning using Matlab" on 13 July 2020, organized by SR Group of Institutions, Jhansi in association with DesignTech Systems Pvt. Ltd.

7. Attended Webinar on "Artificial Intelligence (AI) and Machine Learning (ML)" on 06 July 2020 organized by LLAGT.

8. Attended Webinar on "Women's Prowess 2020" organized bu IsquareIT Pune.

9. Attended National webinar on "How to write and publish 50000+ Research and Conference papers effectively and efficiently using TYPESET Research Studio" on 22 June 2020, organized by RIT, Islampur.

10. Attended IETE West Zone Seminar on " Outcome Based Education" from 19 June to 20 June 2020 organized by IETE Navi Mumbai.

11. Attended Webinar on "Light the fire in yourself" on 13 June 2020, organized by CMS Business School.

12. Attended Webinar on "Role of Online Teaching Pedagogy and ICT Tools in Outcome Based Education" ,on 30 May 2020 ,powered by vmedulife and organized by LTCOE Mumbai.

13. Attended Webinar on "Medical Image Processing using Machine Learning" on 30 May 2020, organized by MIT Aurangabad.

14. Attended Webinar on "Antenna Design through Simulation using TaraNG" on 18 May 2020, organized by Pillai College of Engineering in association with NUMEREGION TECHNOLOGIES.

15. Attended Webinar on "NAAC: Systematic Data Organization and Presentation" on 16 May 2020, organized by IQAC, Vidyalankar Institute of Technology, Mumbai

Certification Course / Refresher Courses completed - 05

1. Completed Online course "Programming for Everybody-Getting started with Python" 24 May 2020, authorized by University of Michgan and offered through Coursera.
2. Completed 12 weeks online NPTEL Course on " NBA Accreditation and Teaching Learning in Engineering (NATE) from July 2020 to October 2020.
3. Completed 08 weeks online NPTEL Course on "Remote sensing and Digital Image Processing of Satellite data", August to October 2019.
4. Completed 12 weeks online NPTEL Course on "Digital Image Processing" from July to October 2018
5. Completed 08 week online NPTEL course on "Digital Speech Processing" from August to October 2017.

Technical Seminars/ Workshop/ Lecture/ Invited Talks As a Resource Person - 10

1. Worked as Resource person for Online orientation program on "Image Processing and Machine Vision" Semester VI R2019 syllabus on 13 January 2022, by VESIT Chembur ,Mumbai
2. Worked as Resource person for syllabus orientation program of NLP R2019 syllabus Sem VIII, 09 January 2023.
3. Worked as Technical Program Chair for International Conference on Communication and computing 2022, organized by FAMT Ratnagiri on 08 and 09 April 2022 .
4. Worked as Resource person for the session on IOT and its applications at Government Polytechnic, Ratnagiri on 25/03/2022.
5. Delivered speech and resource person for 'Teacher's Day' celebration at Finolex Academy of Management and Technology, Ratnagiri on 06 September 2018.
6. Worked as Session chair and member for panel discussion in National Conference on "Changing Technology and Rural Development -CTRD 2K17" at Rajendra Mane College of Engineering and Technology, Ambav, Devrukh on 22/12/2017.
7. Worked as Resource person for one week workshop on "Research Funding Agencies" at Finolex Academy of Management and Technology, Ratnagiri in April 2016.

8. Worked as Session Chair for Pattern Recognition in International Conference on Advances in Computing, Communications and Informatics (ICACCI-2015) at Kochi, Kerala, August 2015.

9. Conducted Two Day Workshop on MATLAB and SIMULINK (Engineering Applications)", on 03-04 October, 2015.

10. Worked as Resource Person in Orientation-cum Workshop for "Inter Collegiate Research Convention Avishkar-2014- 2015", on behalf of University of Mumbai at Finolex Academy of Management and Technology, in August 2014.

Orientation Programs (08)

1. Attended Online Faculty orientation program on Advanced Digital Signal Processing on 15 July 2022, organized by Fr. C Rodrigues Institute of Technology, Vashi

2. Attended Online Faculty orientation program on Deep Learning on 15 July 2022, organized by Thadomal Sahani Engineering College , Bandra

3. Attended Online Orientation program on " Linux & Networking & Server Configuration" on 15 January 15, 2022 organized by Terna College of Engineering, Nerul, Mumbai

4. Attended Online orientation program on "Artificial Neural Networks and Fuzzy Logic" Semester VI R2019 syllabus on 15 January 2022, by VESIT Chembur, Mumbai

5. Attended Online orientation program on "Image Processing and Machine Vision" Semester VI R2019 syllabus on 13 January 2022, by VESIT Chembur ,Mumbai

6. Attended Online orientation program on Discrete Time Signal Processing ECC502 of Revised 2019'C scheme of Third year semester V, EXTC organized by Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai

7. Attended Online orientation program on Skill Lab: Python Programming ECL404, of Revised 2019'C scheme of second year semester IV, EXTC Department, on 17 February 2021 organized by Terna Engineering College, Navi Mumbai.

8. Attended Online orientation program on Skill Lab: C++ and Java Programming ECL304, Revised 2019'C scheme of second year semester III, EXTC Department, on 11 July 2020 organized by VPPCOE Mumbai.

Professional Membership

1. Indian Society of Technical Education (I.S.T.E)

Other Experience

Paper Reviewer/ BOS Member/ Editorial Board Member

1. Worked as Paper setter for semester VI R2019 syllabus Exam
2. Worked as Paper setter for semester VIII R2019 syllabus Exam
3. Worked as Paper setter ME Sem I Mumbai University Exam
4. Worked as Paper setter for semester V and VI R2016 syllabus Exam
5. Working as Member of Editorial Board for ARAI journal of mobility technology

College Level Administrative Responsibilities

1. Working as Head of department from 04/01/2018 till date
2. Worked as Technical Program Chair for ICCC 2022 at FAMT Ratnagiri on 08 and 09 April 2022.
3. Worked as Member of Best Student 2021-22 committee circular dated 26 March 2022
4. Worked as Member of Best Student 2020-21 committee circular dated 17 August 2021
5. Worked as Member of Result moderation committee Mumbai University
6. Working as Presiding officer/Convener Internal Complain Committee of FAMT, Ratnagiri from 04 January 2021.
7. Working as Member of Anti Ragging Committee.
8. Worked as Member of Moderation committee of University of Mumbai for scrutinizing results of Engineering Exam FH2021 of Electronics/ECE/EEE semester III to VI.
9. Working as Member of College Development Committee
10. Worked as Member of Anti Ragging Committee
11. Worked as Member of Anti-Ragging Squad committee.
12. Worked as Member of faculty self-appraisal evaluation committee.
13. Worked as Member of Student Representatives Selection Committee
14. Worked as Member of Admission Counseling Cell (ACC)
15. Worked as Member of RDCC Cell
16. Worked as Member of Feedback Analysis Committee
17. Worked as Member of Departmental Counseling and Mentoring Committee
18. Worked as Member of Departmental Discipline Monitoring Committee
19. Worked as Member of Grievance Cell of FAMT
20. Worked as Member of NAAC criteria review committee.
21. Department level Organizing committee member for National Conference

Subject Taught

Sr. No.	Name of the Subject	Year/Branch/Semester
1.	AI and ML in Healthcare Applications	BE Honors Minor AI MLSEM VII
2.	Image Processing and Machine Vision	TE EXTC SEM VI
3.	Discrete Time Signal Processing	TE EXTC SEM V
4.	Skill Lab Python Programming	SE EXTC SEM IV
5.	Mini Project 1B and Major Project guide	SE EXTC SEM IV and VII/VIII
6.	Cyber Security and Laws	BE EXTC SEM VII
7.	Wireless Networks	BE EXTC SEM VIII
8.	Mobile Communication	BE EXTC SEM VII
9.	Principles of Communication Engineering	SE EXTC SEM IV
10.	Filter Design and Applications	BE ETRX SEM VII
11.	Discrete Time Signal Processing	TE ETRX SEM VI
12.	Continuous Time Signal Processing	TE ETRX SEM V
13.	Communication Networks	BE ETRX SEM VII
14.	Television Engineering	TE ETRX SEM VI
15.	Digital Communication	TE ETRX SEM V
16.	Basic Analog and Digital Communication	BE ELECT SEM VII
17.	Information Theory and Coding	BE IT SEM V
18.	Speech Processing	BE ETRX SEM VII
19.	Digital Image Processing	BE ETRX SEM VII