



Name - Mrs. Anuradha Sagar Nigade

Qualification- M.Tech.(Electronics-VLSI)

Experience- 18 Years

Portfolio at college level:

1. Committee member of NAAC Criteria-3 at University level.

Conferences:

Publications in Conferences:

1. Lakshmi Namratha Vempaty, Dr. Anurag Shrivastava, Prof. Anuradha S. Nigade, Ajay Rana, Jacob Michaelson, Dinesh Singh, “Exploratory Application of Deep Learning in Pharmaceutical Drug Discovery”, IEEE Xplore, Jan-24, ISBN:979-8-3503-0448-0
2. Sonali Pawar, Anuradha S. Nigade, Shankar R. Madkar, Vikas Kaduskar, Aparna Shankar Patil, Sumedh Dhole, “Design & implementation of smart Ventilator for respiratory Diseases”, IEEE Xplore, Mar-24, ISBN:979-8-3503-1379-6

Conference Attended:

1. AICTE- VAANI Bilingual National Conference on “Demystifying AI and Data Science: Concepts, Trends, and Applications”, 16th & 17th Sept-2025.

Publications:

1. Sudhir Kadam, Kamalakar Desai, Payal Kadam, Aarti Pawar, Sonali Pawar, Anuradha Nigade, “Design and performance of two stages square cut rectangular multiband microstrip fractal antenna”, MethodsX, Dec-25, ISSN: 22150161, Volume - 15
2. Aparna Patil, Mangal Patil, Sharda.P.Tondare, Prajakta Naregalkar, Anuradha Nigade, Sonali Pawar, Jyoti Morbale, “Harnessing the MERN stack for scalable E-commerce website design: A full-stack approach with MongoDB, Node.js, Express.js, and React.js”, Journal of Integrated Science and Technology, Apr-25, ISSN: 23214635, Volume - 13, Issue -5
3. Shankar Madkar, Aparna Patil, Mangal Patil, Anuradha Nigade, Sonali Pawar, Sanjay Pardeshi, “Hybrid Optimization Algorithm for Reliable Routing in Wireless Sensor Network”, SSRG International Journal of Electrical and Electronics Engineering, Dec-24, ISSN: 23488379, Volume:11, Issue 12
4. Snehal Chaudhary, Shrikala Deshmukh, Dr. Manisha M. Kasar, Mrs. Anuradha Sagar Nigade, Aparna Shankar Patil, Dr. Meena Chavan, “Training Convolutional Neural

- Network with Logistic Regression Model for Facial Recognition to Monitor Attentiveness in Classrooms”, Jan- 24, ISSN:2147- 6799, Volume: 12, Issue 8
5. Dilip Kumar Jang Bahadur Saini, Sonali Kishore Pawar, Sharda Prakash Tondare, Anuradha Sagar Nigade, Jyoti Morbale, Mohit Gangwar,” Improve QoS for multi-body sensor analytics in smart healthcare system using machine learning algorithm”, Sept-23, ISSN: 0972-0502 (Print), ISSN: 2169-012X (Online)
 6. Mangal Patil, Jyoti Morbale, Anuradha Nigade, Saloni, Priya, Implementation of Real Time Face Mask Recognition Technique Using Keras, TensorFlow, Jun-23, ISSN:978-981-99-0768-7
 7. Prof. Sharda.P.Tondare, Prof. Sonali.K.Pawar, Prof. Anuradha.S.Nigade,Prof. Jyoti.S.Morbale, Prof. Aparna.S.Patil, Isha Mandawkar, “Covid-19 Face Mask Detection and Social Distancing at Public Places”, Industrial Engineering Journal, Jan-23, Volume: 52, Issue 1, ISSN No. -0970-2555
 8. Prof. Sharda.P.Tondare, Prof. Sonali.K.Pawar, Prof. Anuradha.S.Nigade,Prof. Jyoti.S.Morbale, Prof. Aparna.S.Patil, Sanidhya Singh, Kunal Tyagi,Jyotprakash Shukla, “Design and Build Control Panel for Vertical Axis Wind Turbine at 700 RPM”, Industrial Engineering Journal, Jan-23, Volume: 52, Issue 1, ISSN No. -0970-2555
 9. Prof. S.K. Pawar, Prof. A.S. Nigade, Riya Singh, S.Akshay Subramanian, Shivam Bhardwaj, “Underground Cable Fault Detection Using Arduino” IJSREM, July-21, volume no. 5, Issue No. 7, ISSN No- 2582-3930
 10. Prof. Sonali Pawar , Prof. A.S Nigde , Shainan Srivastava, Ekansh Gupta, “Dry Hand Washing Machine Using Fog Disinfection”, IJSREM, July-21, volume no. 5, Issue No. 7, ISSN No- 2582-3930
 11. Mrs. A.S. Nigade, Mrs. S.K. Pawar, Abhijeet Banerjee, Nihar Das, Sanket Ghosh, “Processor using RISC-V ISA”, ” IJSREM, July-21, volume no. 5, Issue No. 7, ISSN No- 2582-3930
 12. Mrs. A.S. Nigade, Mrs. S. K. Pawar, Ashutosh Kumar, Devesh Kumar , Yash Pande “Arduino Based Fire Fighting Car”, IJSREM, volume no. 4, Issue No. 6
 13. Neeraj Narwal Mrs. S K Pawar, Mrs. A S Nigade, Shivam Harjai, Paarth Goel , “Generation of Electricity using Shoes(Building a smart shoe)”, IRJET, volumenno. 7, Issue No. 5
 14. Mrs. A. S.Nigade Mrs. S. K. Pawar , “Artificial Intelligence And Its Trends”, JETIR, volume no. 6, Issue No. 5
 15. Mrs. S. K. Pawar Mrs. A. S. Nigade , “Android Controlled Robot For Surveillance”, JETIR, volume no. 6, Issue No. 5
 16. Anuradha Nigade, Sonali Pawar, , Abhinav Kumar, Ritvik Saxena, Shubendu Kumar,“Smart traffic light controller”, IJET, volume no. 4, Issue No. 6
 17. Yatin Sharma, Somi Chaurasia, Neha Chaudhary, A. S. Nigade “Hybrid Power Generation Using Solar Panel and Piezosensor”, International Research Journal of Engineering and Technology, Volume-4, Issue-5, May 2017.
 18. Mrs. Nigade A.S., Deepanshu Verma, Brajesh Kumar Pandey and Pranjal Srivastav , “Temperature Based Automatic Fan Speed Controller”, International Journal of Current Research, Volume-8, Issue-4, April 2016.
 19. Vidya Khobare, Meena Chavan, A. S. Nigade, S. K. Pawar, “Smart Real-Time pollution monitoring and controlling system using FPGA Spartan-6 and Android”, IJSETR, volume no. 5. Issue No. 6, March 2016.
 20. Mrs. A. S. Nigade, Dr. J. S. Chitode, “Throat microphone signals for isolated

word recognition using LPC”, International Journal of Advanced Research in Computer Science and Software Engineering, Volume-2, Issue-8, August 2012.

Patents/ Copyright: Nil

Projects/ Achievements:

1. ..
2. ..
3. „

Workshop/ Seminar attended:

1. SPPU-QIP Sponsored Two Week FDP on “Code The Kits”, MIT College of Engineering, Pune, 2016.
2. Workshop on “A Safety, Security, Threat Awareness & Prevention Program”,
3. BVDUCOE, Pune 2015
4. Workshop “Women Empowerment,” BVDUCOE, Pune 2015
5. Workshop “Optiwave photonic design and simulation tools”, BVUCOE, Pune 2015
6. Workshop “Secrets of Guru”, BVDUCOE, Pune 2015
7. Workshop “LABVIEW” ,BVDUCOE, Pune 2013
8. FDP on “Artificial Intelligence and Machine Learning”, BV(DU)COE, Pune on 15th - 17th May 2018
9. STTP on “Problem Based Learning”, using ICT mode, NITTR, Kolkata on 25th -29th June 2018
10. FDP on “ Electronic Design Automation with Mentor Graphics Back End Tool”, BVCOEW, Pune 21st -23rd February 2019
11. Online NPTEL course of 8 weeks on “ Analog Circuits” on January 2019- March 2019
12. STTP on “Assessment and Evaluation under Outcome Based education” using ICT mode NITTR, Kolkata on 10th – 14th June 2019.
13. FDP (Online NPTEL course) of 12 weeks on “Programming in Java”, July 2019 - Oct 2019
14. STTP of 1 week on “ TECHNICAL WRITING & RESEARCH METHODOLOGY”, Chaitanya Bharathi Institute of Technology, Proddatur, in association with All India Council for Technical on 14th – 19th December 2020
15. FDP of 1 week on “Cyber Attacks & digital forensics”, MGIT in association with Indian Servers on 20th – 24th July 2020
16. FDP of 1 week on “Interdisciplinary Research: Need and Relevance in Science and Technology”, RKDF University, Bhopal, on 1st – 5th September 2020
17. STTP of 1 week on “Fostering an Effective Research Environment and Industrial Collaborations in Engineering Phase II”, St. Joseph’s College of Engineering, Chennai, on 24th – 29th August 2020.
18. FDP of 1 week on “Future Nano Electronic Devices & Circuits”, Mahatma Gandhi Institute of Technology, Hyderabad on 6th July – 10th July 2020

19. FDP of one week on “Antenna Design and Analysis”, St. Xavier’s Technical Institute, Mahim, Mumbai, 23rd – 28th August 2021.
20. FDP of one week on “A Deep Dive into Artificial Intelligence (AI) & It’s Application Workflows Using MATLAB”, Bharati Vidyapeeth (Deemed to be University) College of Engineering,Pune, 15th – 19th July 2024.
21. FDP of one week on “Gen AI & Chat GPTApplication in the Industry”, Bharati Vidyapeeth (Deemed to be University) College of Engineering,Pune, 27th – 31st Jan 2025.
22. FDP of one week on “Quantum Computing: Concepts and Research Avenues”, R.M.K. College of Engineering & Technology, Thiruvallur, Tamil Nadu, 19th – 24th May 2025.

Extra Activities:

1. Worked as Bharatiyam Dice committee member
2. Organized ‘Beti Bachao, Beti Padhao’ Abhiyan at Khedshivapur.
3. Participated in Swachh Bharat Abhiyan Organized By Department of Electronics BVUCOE at Vitthalwadi,Pune
4. Participated in Swachh Bharat Abhiyan Organized By BVUCOE at PuneStation
5. Worked as a Guardian Faculty Member.
6. Involved in NAAC and NBA activities.
7. Worked as a Lab- In charge.
8. Involved in organizing Guest Lectures at department level as well as college level.
9. Active participation in organizing Faculty Development Programs at department level.
10. Active participation in organizing industrial visits to get industry exposure to self as well as students.
11. Organized student-training programs.
12. Worked as member of organizing committee in NACICE-2013.
13. Participated in Tree plantation Program in 2016 and 2017.