



Name: Nikalje Sachin Bajirao

Education Qualifications:

M.E. in Electronics & Telecommunications from University of Mumbai

B.E. in Electronics & Telecommunications from Dr. B.A.M.U. Sambhajinagar

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Designation:

Assistance Professor in Electronics & Computer Engineering Department in VACOE, A. Nagar

Experience:

Teaching- 07 Years

Industry-06 Years

Areas of Interest:

Python Programming, Cloud Computing, IoT, Machine Learning, Signals & Systems, DBMS, Computer Network, OOPs etc.

Publications:

- Nikalje Sachin Bajirao, Shashi Prabha and S.K. Narayankhedkar, “Simulation of Particle’s Motion in Microfluidics Channels & Implement working of Cyclic Voltammetry using MATLAB”, in a Proceeding of IETE Cynosure vol. 01, pp. 35-39, December – 2013.
- Nikalje Sachin Bajirao, S. K. Narayankhedkar, “Modeling of Lab on a Chip for Sensor Applications”, in a proceeding of ICETTA, vol.2, pp.20, March- 2013.
- Nikalje Sachin Bajirao, Ingle Mahesh, Savita Bhosale, “An Efficient Method for PAPR Reduction of OFDM Signal with Low Complexity”, in International Journal of IJERT-2013 Vol. 2 Issue 11, November-2013.

Workshop/FDP/FOP/Guest Lecture:

1. One week faculty development program on “Innovative Tools for Educators: Generative AI and Advanced Excel Mastery” From 13th to 18th Jan 2025, Organized by Basic Engineering Science department of GCOERC, Nashik.
2. Five Days online FDP on "Generative AI for Scientific Research, Data Augmentation and Interdisciplinary Applications" From 25th to 29th November 2025 Organized by School of Engineering, Management and Research D.Y. Patil International University, Akurdi, Pune.
3. Online Faculty Development Program on "Generative AI and Large Language Models: Concepts, Tools & Applications" From 15-12-2025 to 19-12-2025, Organized by the Department of Artificial Intelligence and Data Science, Keystone School of Engineering in association with IEEE Pune Section.
4. Online Faculty Development Program on “Cyber Defense Tools: a Practical Approach”, From 22nd to 27th December 2025, Organized by A.I & D.S Dept. of Marathwada Mitra Mandal’s College of Engineering, Pune.
5. Online FDP on “Emerging Trends in Computing”, Organized by the Department of Computer Sci & Engg. of Nutan Maharashtra Institute of Technology, Talegaon Dabhade, Pune, From 29th to 31st December 2025.
6. Delivered Expert Lecture on “Emerging Opportunities for Computer Engineers in the E-Commerce Sector” At Vishwabharati Academy’s Polytechnic College, Sarola A. Nagar, on 2026-01-12.
7. One-Day Online and Offline Workshop on "Modern Indian Language - Marathi" on 2026-01-20 Organized by S.N.D. College of Engineering & Research Center, Babulgaon, Yeola, Dist. Nashik.

8. Online Faculty Orientation Program on “Environmental Studies” for SE (AI&DS) NEP 2024 Pattern, on 2026-01-29 Organized by Dept. of AI&DS of Pune Vidyarthi Griha’s COE, Tech & Management, Pune.
9. One-Day Online Faculty Orientation Program (FOP) on Object Oriented Programming (VSE-281-AID), on 2026-01-30, Organized by the Dept. of AI & DS, Dr. Vithalrao Vikhe Patil College of Engineering, Ahilyanagar in association with SPPU, Pune.
10. Faculty Orientation Program on "Object Oriented Programming (PCC-208-ECE)" Held on 04 February 2026. The programme was organized by Department of Electronics & Computer Engineering, Dr. D. Y. Patil Technical Campus, Talegaon Dabhade, Varale, Pune in association with Board of Studies (BoS), Electronics & Computer Engineering, Savitribai Phule Pune University, Pune.