

Faculty Profile

- **Faculty Name** : Nileshkumar Mansingrao Sawant
- **Designation** : Assistant Professor
- **Department** : Electronics & Telecommunication Engineering
- **Mobile No.** : 7276697207
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• Educational Qualification

Sl.	Degree	University	Class
1	B.E.- Instrumentation &Control Engineering	Pune University, Pune	First
2	M. Tech. – Embedded System	JNTU, Hyderabad	First Class with Distinction
3	PhD (Scholar) - Electronics &Telecommunication Engineering	Shivaji University, Kolhapur	Pursuing

• Professional experience:-

Total experience in years:-18

Teaching: - 14.5

Industrial: -3.5

Research: -00

Sl.	Organization	Post	Period
1	Ashokrao Mane Group of Institutions, Vathar	Assistant Professor	1 st August 2025 to Till Date
2	Dr. Bapuji Salunkhe Institute of Engineering & Technology, Kolhapur	Assistant Professor	August 2024 July 2025
3	D.Y. Patil School of Engineering &Management ,Kolhapur	Assistant Professor	April to May 2024
4	RCSMCOA, Kolhapur	Assistant Professor	July -Dec. 2023 & November 2022 - May2023
5	Shreevidya Coaching Institute, Kolhapur	Lecturer	August 2015 - October 2022
6	PVPP's Manohar Phalke Polytechnic, Sion, Mumbai.	Lecturer	Dec.2009 - June2015
7	Toyo Engineering India Ltd. Kanjurmarg, Mumbai.	Design engineer	July 2007 – Nov 2009
8	Orbits India, Thane	Software Tester	June 2006 - June 2007

➤ **Subject Taught:-**

Undergraduate Subjects			
1	Computer Architecture & Organization	2	Fundamentals of Electronics
3	Digital Electronics	4	Python programming
5	C programming	6	Electronic Instruments and Measurements
7	Industrial Automation	8	Biomedical Instrumentation.

- **Project Work at U.G.:-** Automation of Fertilizer plant using PLC and SCADA.
- **Project Work at P.G.:-** Advance Toll Collection System by using RFID & ZIGBEE.
- **Research Area of Interest:-** Digital Electronics, Machine Learning

➤ **Paper Published in National & International Journal:-**

Sl.	Title	Name of Journal	Type* (NJ/IJ)	Date	ISSN No.
1	Advance Toll Collection System by using RFID & ZIGBEE	JETIR ISSN UGC Approved (Journal No. 63975)	NJ	October 2010	Vol.3 Issue 9
2	Communication Aspects and Analyze the Risk of IoT in 5G	Futuristic Trends in Computing Technologies and Data Sciences (IIP Book Series)	IJ	May 2024	e-ISBN: 978-93-6252-671-7 DOI/Link: https://www.doi.org/10.58532/V3BGCT9P2CH3 Vol.3

* NJ- National Journal

IJ- International Journal

- **No. of Project Guided at U.G. Level:-** 14
- **No. of Project Guided at P.G. Level:-** 00

➤ **STTP/FDP/Workshops/Attended/Participated:-**

Sl.	Title of the Programme	Organizer	Duration	Duration
1.	Mechatronics, Robotics & Automation.	Agnel Polytechnic, Vashi	8 th Feb 2010 to 13 th Feb 2010	One Week
2.	Industrial Training program	Maharashtra State Board of Technical Education, Mumbai	19 th July 2010 to 21 th July 2010	3 Days

3.	IndustrialFlowMeters, Control valves ,Water Quality Instruments, System Integration, PLC/DCS, Building Automation	Maharashtra State Board technical Education,Mumbai	16 th August2010 to 20 th August2010	OneWeek
4.	“Human Resource Development Skills ForProfessionalsExcellence”	MPKV,Rahuri (MH)andEEL, AAUCampus, Anand (GJ)	25 th September2023 to 27 th September2023	3Days
5.	“RecentTrends in Healthcare ”	AIML & Dept. of CSE,Vishwakarma Institute of Information Technology,Pune.	18 th December2023 to 22 th December2023	OneWeek
6.	DataAnalysisUsing Advanced Excel	Dr. Bapuji Salunkhe Institute of Engineering&Technology	07 th Oct2024 to 11 th Oct2024	OneWeek
7.	MasteringAIToolsfor faculty Excellence	Vishwakarma Institute of Information Technology, Pune	23 th Dec2024 to 27 th Dec2024	OneWeek
8.	“Next-Gen AI: InnovationinML,DL&Generative Models”	Marathwada MitraMandals Institute of Technology, Lohgoan, Pune	06 th Jan2025 to 11 th Jan2025	OneWeek
9.	“OutcomeBasedPedagogic Principles for Effective Teaching”.	NPTEL	Feb2025 to March2025	Four Weeks
10.	“Next-Gen Manufacturing: Embracing Industry 4.0”	AICTE-ATAL FDP	25–30 August 2025.	One week
11.	International Conference on Integrated Research and Sustainable Development (ICIRSD 2025)	Ashokrao Mane Group of Institutions, Vathar,	30 th October – 1 st November 2025	Three Days

12.	45 th GISFI Standardization Series eeting & International workshop on Digitization: Bridging the Present and Future	Ashokrao Mane Group of Institutions, Vathar,	30th October – 1st November 2025	Three Days
13.	ISTE Approved FDP on “Emerging Trends in Artificial Intelligence”	Ashokrao Mane Group of Institutions, Vathar,	29 December 2025 to 3 January 2026.	One week
14.	“Recent Advancement in IoT – Industrial Perspective”	National Institute of Electronics and Information Technology	19–23 January 2026.	One week
15.	“Digital Technology for New Age Industry”	Forbes Marshall	23 rd January	One Day
16.	“Microprocessor and Microcontroller”	NPTEL	January–April 2026.	Twelve weeks
17.	Faculty AI Masterclass in Google for Education AI Implementation Program 2026	Upeducators	26 th May 2026	One Day

➤ **Programs Organized:-**

Sl.	Name of Program	Institute	Date
1.	Expert Lecture on "OOP in Modern Programming Languages	BSIET, Kolhapur.	27 th September 2024
2.	Expert Lecture on Current Trends in IT Industry & Future Scope in Data Analytics .	BSIET, Kolhapur.	28 th November 2024
3	Expert Lecture on Advanced Insights into Graph Coloring : Theory & Applications	BSIET, Kolhapur.	29 th November 2024
4.	Expert Lecture on Searching Techniques in Data Structure	BSIET, Kolhapur	16 th December 2024

5.	Demonstration of Computer Maintenance	BSIET, Kolhapur.	17 th December 2024
6.	Expert Lecture on Applications of Pointers	BSIET, Kolhapur.	28 th December 2024
7.	Paper presentation in IMPULSE- 2K25(National Level Technical Competition)	BSIET, Kolhapur.	8 th March 2025
8.	Workshop: "Soft Skills"	BSIET, Kolhapur.	24 th April 2025
9.	Expert Lecture on “Deploy website on Linux platform using AWS Cloud”	BSIET, Kolhapur.	28 th April 2025
10.	Expert Lecture on “Modern operating system design	BSIET, Kolhapur.	28 th April 2025
11.	Expert Lecture on “Expectations of IT Industry from an Engineer”	BSIET, Kolhapur.	2 nd May 2025
12.	Industrial visit “Walstar Technologies Pvt Ltd ”	BSIET, Kolhapur.	3 rd May 2025
13.	Expert Lecture on “Make Your Data Speak with Python and SQLite”	BSIET, Kolhapur.	18 th May 2025
14.	Expert Lecture on “GATE Awareness and Future Opportunities”	AMGOI	13 th August 2025

➤ **Special Achievements :-**

- Treasurer in **Mp-ProEX (National Level Project Exhibition) in PVPP's Manohar Phalke Polytechnic, Sion, Mumbai.**

➤ **Departmental Responsibilities: -**

Career development Cell Co-Ordinator, Entrepreneur development Cell Co-Ordinator,