

Somaiya Vidyavihar University

Name: Nilesh A. Lakade		E-mail: nilesh.lakade@somaiya.edu	
Contact No: 9867651835			
Department/Section: Electronics Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 02 July 2013	Career Experience: 21 Yrs	Industry Experience: ___ Yrs	Teaching Experience: 22 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation:	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> Antenna design, Rectenna design, Internet of Things <p>Courses Delivered</p> <ol style="list-style-type: none"> Basics of Electrical & Electronics Engg, Electrical Network, Basics of Analog & Digital Communication, Digital Communication & Coding Techniques, data communication and networking, Software Engineering, Computer operating System, Industrial Standards.

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
Details of Recognitions			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D (Pursuing)		Solapur			
PG	M.E. (EXTC)	Mumbai	Terna College of Engineering, Nerul.	2011	65.45
UG	B.E. (EXTC)	Amravati	Govt. college of engg. Amravati.	2001	62.65

Notable Experience Details					
Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K.J. Somaiya College of Engineering, Mumbai	Assistant Professor	02-07-2013	Till date	9
2.	Sinhgad Institute of Technology, Lonavala	Assistant Professor	December 2009	June 2013	4
3.	Manohar Phalke Polytechnic	Lecturer	Sep 2005	December 2009	4

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Research Accomplishments and Projects		
No of students pursuing Ph.D as on date:		No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date:		No of students / groups completed UG projects as on date:
Publications Total:	Number of Peer review Journal papers:	Number of Conference papers: 02
Details of Publications: International Journals National Journals 1. Conferences Books/Book Chapters 1.		
Patents/Copy Rights 1. 2.		
No of Research / consultancy / projects completed: 02 Rs:_____	No of Research / consultancy / projects on-going: Rs:_____	No of Research / consultancy / projects on applied as on date: Rs:_____
Details of Research / consultancy / projects: Completed 1. Worked as a CO-PI on project IoT Based Water dissemination system for different Crops under Mumbai university minor research proposal in academic year 2017-18. 2. IoT based system for monitoring and management of pH parameters sanctioned under Mumbai university minor research proposal in academic year 2017-18.		
IPR/ Copyrights 1. IOT based recommendation system for soil management in Agriculture domain. 2. IOT based water dissemination system for different crops.		
FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered		
Attended 1. Completed 12 week NPTEL online certification course on Operating System Fundamentals during July-Oct 2023. 2. Completed one week workshop on “RF and Microwave components” organized by VIT-AP University during 17 th – 23 rd May 2023. 3. Completed 12 week NPTEL online certification course on Computer Networks and Internet Protocol during Jan-April 2023. 4. Attended three days workshop on “ Industry 4.0 and Smart manufacturing ” 2 - 4 th Feb, 2023, K.J. Somaiya College of engineering, Mumbai 5. Attended one week STTP on “ Emerging Trends in Pervasive Electronics Industrial Internet of Things ” 21-25 th Feb, 2022, Organized by G.H. Rasoni Institute of Engineering and Technology, Nagpur. 6. Attended one week FDP on “ Smart Antenna and its role in 6 G communication ” 22-26, June 2021, Chandigarh Engineering College, Landran, Mohali. 7. Attended one week STTP on “ Next generation communication networks ” 14-19, June 2021, Thakur college of Engineering and Technology, Mumbai. 8. Completed 12 week NPTEL online certification course on Antenna during January-April 2021 with score 66 (Elite)		

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9. Completed 12 weeks NPTEL online certification course on **Introduction of Internet of Things** during July-October 2019 with score 77 (Elite + Silver)
10. Worked as a Course Coordinator for one day faculty development **workshop on Arduino** conducted by IIT Bombay on 8th February 2020 at Remote centre K.J. Somaiya college of Engineering, Mumbai.
11. Attended One Week AICTE-ISTE approved one week STTP on “**Industrial IoT system design from sensing to mitigation,**” 10-14 June 2019, **K.J. Somaiya college of engineering, Mumbai.**
12. Organized Soft Skill and personality development workshop for SY, TY Electronics Engineering student on April 10, 2019 conducted by Ms. Archana Vijayan, CEO ARVI Achievers.
13. Delivered guest lecture on “IoT and its applications at Cusrow Wadia Institute of Technology, Pune” on 2nd Feb 2019.
14. Attended three days workshop on ‘IUCEE International Engineering Educator’ from 20th - 22nd Dec. 2018 organized by **K.J. Somaiya College of engineering, Mumbai.**
15. Completed online course under college to corporate program on ‘Soft skills’ from 6th September 2018 to 4th October 2018, Online course on ‘Effective use of IT for professional activities’ from 6th September 2018 to 11th November 2018 and online course on ‘Workplace Communication’ from 4th October 2018 to 12th November 2018.
16. Attended One Week AICTE-ISTE approved STTP on “**RF Antenna: Design and Analysis,**” 18-23rd June 2018, **K.J. Somaiya college of engineering, Mumbai.**
17. Attended One week AICTE-ISTE approved CAS STTP on "**Advances in RF communication and Antenna design**", 19-23rd June. 2017 at **Sardar Patel Institute of Technology, Mumbai.**
18. Attended one week TEQIP-II STTP on **Matlab Applications in Engineering & Science**, 5th-9th December 2016, at Government college of Engg. Karad.
19. Attended one week short term training program on “**Modern Practices in Energy systems & Managements**” 30th May-3rd June 2016, ISTE, TEQIP II, College Of Engineering, Pune.
20. Attended one week short term training program on “**Internet of Things**” organized by Department Electronics Engineering, K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, from 4-8th January 2016

Organized

1. Coordinated Industrial Visit to IDEMI, Mumbai on 25th November, 2022 as a faculty representative.
2. Organized Soft Skill and personality development workshop for SY, TY Electronics Engineering student on April 10, 2019 conducted by Ms. Archana Vijayan, CEO ARVI Achievers.
3. Coordinated Industry Institute Interaction seminar activity with Bharat Bijlee for student and faculty of Electronics Engineering in coordination with IAI on 16th Jan 2019.
4. Organized Orientation program on placement for TE Electronics Engg students on 25th November 2016 conducted by **Mr. Shrikant Karve, General Manager, Technology Cell Godrej Security Solutions.**

Delivered

1. Delivered guest lecture on “IoT and its applications at Cusrow Wadia Institute of Technology, Pune” on 2nd Feb 2019.

Notable Key Scholastic Achievements

1.	
2.	

Notable Positions and Responsibility

1.	
2.	

Nilesh A. Lakade
Signature of Faculty Member