

## CURRICULUM VITA

- 1) Name : Dr. Patil Suhas Namdev  
2) Educational Qualification : M.Sc. Ph.D., SET  
3) Present Designation : Assistant Professor  
4) Date of Birth : 05/12/1984  
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7) Date of Appointment :14/07/2016  
8) Teaching Experience : 14 Years  
9) Date of joining in present college: 14/07/2016

### 10) Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1	SET	Savitribai Phule Pune University, Pune	2019	Electronics	--
2	Ph.D.	Solapur University, Solapur	2016	Electronics	Awarded
3	M. Sc.	Solapur University, Solapur	2009	Electronics	Second Class
4	B.Sc.	Shivaji University, Kolhapur	2007	Electronics	First Class

### 11) Total Research Publications :

#### a. M.Phil. / Ph.D./Research

Sr. No.	Ph. D. Thesis Title	Name of The Univ.	Year of award	Name of Guide
1	Synthesis and Implementation of Electronic Materials for Smart Sensor Module	Solapur University, Solapur	June 2016	Prof. Dr. B.P. Ladgaonkar

#### b. Book:

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher
1	Wireless Sensor Network for Agricultural Application	2022	978-620-3-19336-7	Lambert Academic Publication
2	Electronic Instrumentation for Sensor Module.	2021	978-620-3-02985-7	Lambert Academic Publication

**c. Research Paper:**

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISSN	UGC. No./Impact Factor/ Citation Details
1	Development of Polycrystalline Ferrite Based Smart Sensor module using Mixed Signal Programmable System on Chip	Int. Res. J. of Science & Engineering, Special Issue A12	February, 2023	2322-0015	IF 6.70
2	Development of an Embedded System for Agro-Industrial Applications	Int. Res. J. of Science & Engineering, Special Issue A12	February, 2023	2322-0015	IF 6.70
3	Wireless Sensor Network for Site Specific Crop Management for Precision Agriculture	ICTACT Journal on Communication Technology	December 2022	(Print) 0976-0091 (Online) 2229-6948	UGC Care List
4	Review of Sun's Position Tracking System to Increase Efficiency of Solar Panel	Journal of Emerging Technologies and Innovative Research (JETIR)	April 2022,	2349-5162	(UGC Approved Journal no 63975) IF:7.95
5	Design Embedded System for Monitoring Carbon Dioxide Gas	International Journal of Innovative Research in Technology (IJIRT)	Oct-2021	2349-6002	UGC Approved J.No.-47859 IF: 7.376
6	Implementation of Electronic Nose to Detect LPG Leakage	Journal on Embedded System	Jan-July 2021	Print: 227 8-7895 Online: 23 20-2335	IF:0.957 Citation 01
7	Development of Wireless Sensor Node for Automization in Restaurant Services	International Research Journal of Engineering and Technology (IRJET)	Mar 2021	Print- 2395-0072 Online- 2395-0056	IF7.529
8	Synthesis and Implementation of Polycrystalline Ferrite Material for Smart Sensor Module	Elsevier Editorial System Materials today Proceedings	2021,	2214-7853	IF. 3.2 Citation 05
9	Design Smart Embedded System for Detection of Ammonia Gas	Journal on Embedded System	July-Dec. 2020	Print: 227 8-7895 Online: 23 20-2335	IF:0.957 Citation 06
10	Development of an Embedded System to Measure Soil Parameter	Journal on Embedded System	Dec. 2020	Print: 227 8-7895 Online: 23 20-2335	IF:0.957
11	Development of Smart Electronics System for Realization Smart Home	Journal on Digital Signal Processing	January-June 2020	Print: 232 1-7480 Online: 23 22-0368	IF:0.079
12	Carbon Dioxide Gas Sensing Property of Nickel Substituted Zinc Ferrite	Journal on Material Science(JMS)	Sept 2019	Print: 234 7-2235 Online: 23 47-615X	IF: 1.5
13	Investigation of Temperature Sensitive Electrical Properties of Manganese-Zinc Ferrites	i-manager's Journal on Physical Sciences (JPHY)	Dec. 2019	-	-
14	Designing of Wireless Sensor Node for Measurement of Light	International Journal for Research in Applied Science &	Dec 2018	2321-9653	UGC Approved

	Intensity of Polyhouse Environment	Engineering Technology (IJRASET)			J.No.-45842 & 47916 IF: 6.887
15	Development of an Embedded System for Measurement of Temperature Based on Polycrystalline Ferrite Material	International Journal of Electrical, Electronics & Computer Science Engineering (IJECE)	2018	E-ISSN : 2348-2273   P-ISSN : 2454-1222	--
16	Comparative Study of Ferrite Based Humidity Sensor for Smart Sensor Module Design	Int. Res. J. of Science & Engineering (IRJSE)	Dec 2017	2322-0015	UGC Approved Journal No.63628 Citation 08
17	Synthesis and Deployment of Nanoferrites to Design Embedded System for Monitoring of Ammonia Gas	International Journal of Advances in Engineering & Technology (IJAET)	March 2017	ISSN: 2249 – 8958	IF 3.43 Citation 06
18	Analog Mixed Signal based Linear Control of Electric Motor Deploying CapSense Technology	International Journal of Advanced Research in Computer Science and Software Engineering	May 2017	ISSN: 2277 128X	Citation 03
19	Investigation of Magnesium Substituted Nano Particle Zinc Ferrites for Relative Humidity Sensors	Elsevier Journal : Sensors & Actuators: A. Physical	April 2016	0924-4247	IF 4.6 Citation 63

**d. Papers presented in Seminar / Conference:**

Sr. No.	Name of the Conference/ Seminar	Title of the paper	Date	Level (State/ National/ International)	Name of the Organizer
1	International Conference on Recent Trends in Materials Science, Synthesis, Characterization and Applications (RTMS-2023)	Development of polycrystalline ferrite based smart sensor module using mixed signal programmable system on chip	2 <sup>nd</sup> -3 <sup>rd</sup> January 2023	International	Organized by Post Graduate Department of Physics, T. C. College, Baramati
2	International Conference on Emerging Trends and Challenges in Electronics and Computing (ETEC-2021)	Development of Nanoferrite based Smart Embedded System for Monitoring Carbon Dioxide Gas	4-6 March 2021	International	Organised by Department Electronics and Computer Science, Yashwantrao Chavan Institute of Science, Satara.
3	International conference on Multifunctional and Hybrid Materials for Energy and Environment (MHMEE-2020)	Synthesis and Implementation of Polycrystalline Ferrite Material for Smart Sensor Module	29 <sup>th</sup> - 31 <sup>st</sup> January 2020	International	Organised by Department of Physics and Astrophysics, Yashwantrao Chavan Institute of Science, Satara.
4	International Conference on Digital Signal & Image Processing (ICoDSIP-2017)	Synthesis and Deployment of nano ferrites to Design Embedded System for Detection of Ammonia Gas	7 <sup>th</sup> -8 <sup>th</sup> March 2017	International	Department of E & TC Maharashtra Institute of Technology, Aurangabad
5	International Conference on Applied Nanotechnology and	Comparative Study of Ferrite Based	7 <sup>th</sup> – 9 <sup>th</sup> Dec	International	Organized by Post Graduate Department

	Nanoscience (ICANN 2017)	Humidity Sensor for Smart Sensor Module Design	2017		of Physics, T. C. College, Baramati
6	UGC, IEEE India SSCS & CAS Chapters Sponsored National Conference on Emerging Trends in Electronics and Computer Science (ETECS-2015)	Mixed Signal Based System-On-Chip for Monitoring of Physical Parameters of the Water	13 <sup>th</sup> - 14 <sup>th</sup> February 2015	National	Dept. of Electronics, Shivaji University, Kolhapur,
7	UGS Sponsored National Conference on Recent Advances In Embedded Technology (NCRAET-2015)	Synthesis and Development of Nanosized Ferrite Sensors to Design an Embedded System for Carbon Dioxide Gas Monitoring	29 <sup>th</sup> – 30 <sup>th</sup> January 2015	National	Organized by Department of Electronics Ramkrishna Paramhansa Mahavidyalaya, Osmanabad
8	National Conference on Advances in Wireless Sensor Network and Its Application (NCAWSNA-2014)	Wireless Sensor Network: The Solution for Precision Agriculture	12 <sup>th</sup> and 13 <sup>th</sup> December, 2014	National	Shankarrao Mohite ahavidyalaya, Akulj
9	National Conference on Advances in Wireless Sensor Network and Its Application (NCAWSNA-2014)	Development of an Embedded System for Wireless Sensor Network For Sugar Industry	12 <sup>th</sup> and 13 <sup>th</sup> December, 2014	National	Shankarrao Mohite ahavidyalaya, Akulj

## 12) Professional recognition / award/ fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1	UGC Project Fellow	UGC	31 /05/2014

## 13) Work Experience on Academic Bodies and other:

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1	Member of Board of Studies	--	T. C. College Baramati	Electronics