

CURRICULUM VITA

- 1) Name : **Prof. Dr. Jagdish Deshpande**
2) Educational Qualification : M.Sc. Ph.D
3) Present Designation :Professor
4) Date of Birth :21/01/1966
5) Contact No. :**9403136509**
6) Email ID :deshpandejd@gmail.com
7) Date of Appointment :10/08/1987
8) Teaching Experience : **36 Years**
9) Date of joining in present college: 10/08/1987

10) Educational Qualification:

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1)	B.Sc.	Pune University	1985	Physics	1 st Class
2)	M.Sc.	Pune University	1987	Physics	1 st Class
3)	Ph.D.	Pune University	2012	Electronics	1 st Class

11) Total Research Publications : 14

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

Sr. No.	M.Phil./ Ph. D. Thesis Title	Name of The Univ.	Year of award	Name of Guide
1)	Plasma treated plasma polymerized and spin coated PMMA thin film based humidity sensors a comparative study	Pune	2012	Dr. S.A. Gangal

b. Book:

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher
1)	Embedded System	2023	978-93-5762-133-5	Alpha International Publication
2)	A Comparative Study Humidity Sensors: Plasma Polymerized and Spin Coated Thin Film Sensors.	2022	978-6204207445	LAMBERT Academic Publishing

c. Chapter in Book:

Sr. No.	Title of Book & Name of Editor	Title of the Chapter	Year of publication	ISBN	Name & Place of Publisher
	Nil				

d. Research Paper:

Sr. No.	Title of the Paper	Name of Journal	Month and Year of publication	ISSN	UGC. No./Impact Factor/ Citation Details
1)	Comparative Study Of Irradiated And Annealed ZnO Thin Films For Room Temperature Ammonia Gas Sensing.	Sensors and Transducers Journal, Vol. 88, Issue 2, February 2008, pp.40-46.	February 2008,	ISSN: 1726-5479	
2)	Comparative Study Of Ferrite Based Humidity Sensor For Smart Sensor Module Design	International Research Journal Of Science And Engineering, December 2017;	December 2017;	ISSN: 2322-0015	
3)	Investigation Of Temperature Sensitive Electrical Properties Of Manganese-Zinc Ferrites	i-manager's Journal on Physical Sciences, Vol. 1 No. 1 October - December 2019 Page-17-23	December 2019 Page-17-23	ISSN 19366256	
3)	Wireless Sensor Network: Study Routing Protocol	IJASRET ,Volume 4 (International Conference)	Jan 2020	ISSN-2456-0774	6.228

		IJASRET ISSN-2456-0774			
4)	Data Fusion For industry 4.0: General Concepts and Application	OAIJSE	August 2020	ISSN-2456-3293	5.85
5)	A Critical Study on Smart Toilet for Swachh Bharat & Its Effectiveness.	JICR Volume XII, Issue XI,	Nov 2020	0022-1945	6.2
6)	Design and Implementation of Multimodal Wheelchair for Paraplegia Patients using RF module	JICR Volume XII, Issue XI,	Nov 2020	0022-1945	6.2
7)	Development Of An Embedded System To Measure Soil Moisture	i-manager's Journal on Embedded Systems,	Dec 2020	ISSN 2320-2335	
8)	AI Deployment in face Detection and Face recognition model by implementing computer vision.	i-manager's Journal Vol. 8 No. 2 July – December 2020	Dec 2020	2321-7480	.33 GIF
9)	Design and Development of Multi Platform Multi Sensor Based Smart Baby Cradle Using IOT.	IJAREEI E Volume 10, Issue 3, March 2021 (International Conference)	March 2021	P-ISSN : 2320-3765	8.31
10)	Development Of Smart Electronic System To Implement Smart Home	i-manager's Journal on Digital Signal	June 2021	ISSN-2321-7480	.33 GIF
11)	Synthesis and implementation of polycrystalline ferrite material for smart sensor module	Materials Today: Proceedings	2021	22147853	
12)	A Review Of Techniques	International Journal	July 2021	2319-8753	7.569

	For Heart Disease Diagnosis and Prediction	of Innovative Research In Science, Engineering and Technology			
13)	Review of Sun's Position Tracking System to Increase Efficiency of Solar Panel	Journal of Emerging Technologies and Innovative Research	April 2022	ISSN- 2349-5162	
14)	Analysis of different algorithms for automatic heart disease prediction	IJRAR December 2022, Volume 9, Issue 4	December 2022,	2348-1269	7.17

e. Research Project:

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
	Nil					

f. 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)	NSPTS-13, University of Pune,	"Humidity sensing Application of Polyimide films with Etched Ion Tracks".	3 rd Mar to 5 th Mar 2008.	National	University of Pune
2)	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 nd -3 rd January 2023	International	Organized by Post Graduate Department of Physics, T. C. College, Baramati
3)	International conference on Advances in engineering ,Science and Management	Multiplatform Multisensor data fusion Algorithm	25-26 march 2021	International	WCEM ,Nagpur
4)	Conference on Smart Automation in Computer, Electrical, Electronics	AI Deployment in face Detection and Face recognition model by	10 th April , 2021	International	SRM Valliammai Engineering College

	and Communication Engineering	implementing computer vision			
5)	ASPIRE- A Multidisciplinary International Conference	A Critical Study on Smart Toilet for Swachh Bharat & It's Effectiveness.	20 & 21 November, 2020	International	G H Raisoni College Of Commerce Science & Technology ,Nagpur

g. Patents published :

Sr.No	Title of Invention	Date of Filling	Publication Date	National /International
1)	Device for testing moisture content in soil	3/11/2022	04/01/2023	National

12) Research Guidance:

a) Guide ship Details

Sr. No.	M.Phil./ Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1	Ph.D. Guide	JJT University	2019	02	01

b) Research Guidance

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1	Dr.Aniket Kothawale	JJT University	Aug 2018	A Critical Study of Multi platform Multisensor Data Fusion In Defense Sector & Its Effectiveness.
2)	Dr.Priya Rupnawar	JJT University	Dec 2018	Development of Smart Monitoring and Controlling Solution through

				Wireless Sensor Network (WSN) Via Internet of Things (IoT).
3)	Mrs. Shital Gawade	JJT University	Feb 2020	Effective Heart Diseases prediction Study Using Hybrid Random Forest With Linear Model of Machine Learning Techniques.

13) Professional recognition / award/ fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Date
1	UGC Teacher Fellowship for Ph. D. (2005-2008)	UGC	2005-2008

14) E-Content Development:

Sr. No.	Title of Content	Level (UG/ PG / ALL)	Platform	Link of E-Content
	Nil			

15) Work Experience on Academic Bodies and other:

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1)	Chairman	4 Years	Pune University	B.Sc
2)	CEO	6 Years	Tuljaram Chaturchand College, Baramati	College Exam Officer
3)	Assistant Coordinator.	2 Years	Tuljaram Chaturchand College, Baramati	Assistant Coordinator, DBT Star College Scheme
4)	Paper Setter and Examiner	12 Years	Pune University	T.Y.B.Sc
5)	Chairman	4 Years	Tuljaram Chaturchand College, Baramati	BOS Electronics