

CURRICULUM VITAE

- 1) Name : Dr. Vaishali Vilas Patil
- 2) Educational Qualification : M.Sc. (Statistics), M.Phil, Ph. D.
- 3) Present Designation : Controller of Examination,
Associate Professor
- 4) Date of Birth : 23/08/1979
- 5) Contact No. 9689946052
- 6) Email ID : vaishutcc@gmail.com
- 7) Date of Appointment : 12/07/2010
- 8) Teaching Experience : 23 Years
- 9) Date of joining in present college : 12/07/2010



10) Educational Qualification:

Sr. No.	Examination	University	Passing Year	Percentage	Class
1	M.Sc.	Shivaji University	2001	Statistics	First
2	B.Sc.	Shivaji University	1999	Statistics	First

11) Total Research Publications :

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	On Analysis of Designed Experiments With Poisson Distributed Response Variable: A Comparative Study.	Shivaji University	2010	Dr. (Mrs.) H. V. Kulkarni
2	A Study of Designed Experiments with Nonnormal Response Variables.	Shivaji University	2005	Dr. (Mrs.) H. V. Kulkarni

b. Book:

Sr.No	Title of Book	Year of Publication	ISBN	Name & Place of Publisher
1	“Elements of Statistics”	2013	ISBN 978-93-83130-48-1	Thkur Publishers, Pune
2	“Designed Experiments With Poisson Distributed Response Variable”	Feb 2019	ISBN 978-93-5347-194-1	BLUE ROSE Publication, Delhi
3	Application of Decision Tree for Developing Accurate Prediction Models	2022	ISBN 978-1-387-85880-4	LULU Publication, Raleigh, United States
4	BOT606: BIOSTATISTICS	Apr 2024		YCMOU, Nashik

c. Chapter in Book: NIL**d. Research Paper: 22**

Sr.No	Title of the Paper	Name of Journal	Month and Year of publication	Volume & ISSN	UGC. No./Impact Factor/Citation Details
1.	A Comparative Study of Analyses of 2 ⁿ Factorial Experiments with a Poisson Distributed Response Variable	<i>Communications in Statistics-Simulation and Computation</i> https://doi.org/10.1080/03610918.2010.507896	August-2010	Vol.No. 39 (8) 0361-0918	IF 1.162, Ciation-02
2.	A comparative Study of Tests for Poisson mean	<i>International Journal of Commerce and Business Management</i>	October-2010	Vol No. 3(2)	--
3.	Comparison of confidence intervals for the Poisson Mean: Some New Aspects	<i>RevStat</i> https://doi.org/10.57805/revstat.v10i2.117	June 2012	Vol.No. 10 1645-6726	IF 0.9, Ciation-73
4.	“Bio-statistical model for impact of sugar industry on groundwater quality in malegaon. (tal. baramati)”	<i>IJLTET</i>	2016	Vol No. 6(4)	63199
5.	Study of the effect of mosses and soil on seed germination by statistical fractional factorial designed experiments	<i>Proceeding of International Conference on “ Plant Research and Resource Management ”</i>	2016	--	--

6.	Quality Improvement of Bread Using Statistical Techniques	<i>IJRAR</i>	August 2018	Vol. No. 5(3) 2349-5138	IF 5.75, 43602
7.	A review paper on student performance using decision tree algorithm	Journal of Emerging Technologies and Innovative (JETIR)	March-2019	Vol. No. 6(3) 2349-5162	IF 5.87, 63975
8.	Statistical Model for Classification of Teacher's Performance	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	April-2019.	Vol. No. 8(4) 2347-6710	
9	A review paper on classification techniques of data mining for detection of cancers	International Journal of Renewable Energy Exchange	2019	Special issue 2321-1067	
10	"Classification of Categorical Outcome Variable Based on Logistic Regression and Tree Algorithm"	International Journal of Recent Technology and Engineering (IJRTE)	January 2020,	Volume-VIII, Issue-V, ISSN: 2277-3878	Scopus Indexing Journal
11	A Study on The Multiple Intelligence Levels of Secondary School Students of Technical	GIS Science Journal	August 2021	ISSN 1869-9391, Vol.(8) Issue (8).	Scopus Journal
12	Comparing the Performance of Data Mining Algorithms in the Prediction of Teacher's Performance	Vidyabharti International Interdisciplinary Research Journal	Oct-2021	ISSN 2319-4979 Special Issue	63611
13	Statistical Model for Gender Inequality	Vidyabharti International Interdisciplinary Research Journal	Oct-2021	ISSN 2319-4979 Special Issue	63611
14	Comparison of Predictive Models Using Linear Regression and Local Leaf Node Regression	Vidyabharti International Interdisciplinary Research Journal	Oct-2021	ISSN 2319-4979 Special Issue	63611
15	Water Quality Analysis Of Nira River	JETIR,	January 2022	(ISSN-2349-5162) Volume 9, Issue 1	63975
16	Flat Price Prediction in Baramati	Journal of the Maharaja Sayajirao University of Baroda	2023	0025-0422	UGC Multidisciplin ary Journal List Sr No 26
17	Statistical Modelling for Determinants of Anaemia among Women at Reproductive Age	JJTU Journal of Renewable Energy Exchange	2023	ISSN: 2321-1067 Volume 11 Issue 9 PP 122-127	
18	Anaemia in reproductive age women: Exploring key influencing factors	Journal of the Maharaja Sayajirao University of Baroda	2023	0025-0422	UGC Multidisciplin ary Journal List Sr No 26

19	“Study of Effect of Social Media on Human Health Issues: Statistical Analysis”	International Journal of Research and Analytical Reviews,	2023	Vol. 10(4), pp-37-41: ISSN: 23469-5138	
20	“Review of Literature on Various Censoring Schemes under Different Lifetime Distributions”	JITU Journal of Renewable Energy Exchange	2023	Volume 11 Issue 9, PP 90-95, ISSN: 2321-1067	
21	“Comparative Study of Self Relocating Design and Type II Censoring Under Exponential Distribution”	Journal of the Maharaja Sayajirao University of Baroda,	2023	Volume-57, No.1(VII) pp-6-16: ISSN 0025-0422	UGC Multideciplin ary Journal List Sr No 26
22	“Literature Review on Generalized Exponential Distributions Used in Various Censoring Techniques”,	Journal of the Maharaja Sayajirao University of Baroda,	2024	Volume-58, No.1(I) pp-148-151,ISSN 0025-0422	UGC Multideciplin ary Journal List Sr No 26

e. Research Project:

Sr No	Title of Project	Major/ Minor	Funding Agency	Duration	Sanction Amount	Completed / Ongoing
1	Biostatistical Model of Impact of Sugar Industry on Groundwater Quality in Malegaon (Tal. Baramati)	Minor	BCUD	2012-2014	2,00,000/-	Completed
2	Awareness Of Maternal Care Among Reproductive Women in Baramati.	Minor	UGC	2015-2017	3,40,000/-	Completed

f. Papers presented in Seminar / Conference:

Sr. No.	Name of the Conference/ Seminar	Title of the Paper	Date/ Dates	Level (State/ National/ International)	Name of the Organizer
1	National Conference on Fostering Human Resilience-Catalyst for Management, Science and Technology.	Comparing the Performance of Data Mining Algorithms in the Prediction of Teacher’s Performance	8,9 Oct 2021	National	AEMS, Baramati
2	National Conference on Fostering Human Resilience-Catalyst for Management, Science and Technology.	Statistical Model for Gender Inequality	8,9 Oct 2021	National	AEMS, Baramati

3	National Conference on Fostering Human Resilience-Catalyst for Management, Science and Technology.	Comparison of Predictive Models Using Linear Regression and Local Leaf Node Regression	8,9 Oct 2021	National	AEMS, Baramati
4	National Conference on “Woman Today as Savitri Reborn” organized	Statistical modeling for anaemia of reproductive aged women in Baramati	9,10 March 2022	National	T. C. College, Baramati

g. Patents published/Register:

Title	Name of author	Country	Patent No.	Filing Date	Publication Date
Room Air Pollution Monitoring System Using IOT based	Dr Vaishali V. Patil	India	202121057472	10/12/2021	14/01/2022

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	Pursuing
1	Ph.D.	Shri Jagdishprasad Jhabarmal Tibrewala University	August 2015	03	01
2	Ph.D.	SPPU, Pune	July 2022	00	02

b) Research Guidance

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1	Ms. Pratibha Jadhav	Shri Jagdishprasad Jhabarmal Tibrewala University	August 2017	Application Of Decision Tree For Developing Accurate Prediction Models
2	Mr. Chandrashekhar Swami	Shri Jagdishprasad Jhabarmal Tibrewala University	December 2020	Comparative study of Self Relocating Design and Generalized Type Two Censoring in Life Testing Experiment for Two Way Classification.

3	Ms. Pooja Zanjurne	Shri Jagdishprasad Jhabarmal Tibrewala University	June 2021	Comparative Study of Machine Learning Algorithms for the Prediction of Anaemia among Women at Reproductive Age.
4	Mr. Dasharath Kaulage	Shri Jagdishprasad Jhabarmal Tibrewala University	June 2024	To predict customer usage profile of automobile vehicles using Bivariate Copulas.

13) Professional recognition / award/ fellowship etc. : NIL

14) E-Content Development: NIL

15) Work Experience on Academic Bodies and other:

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1.	Controller of Examination	1.07.2024	Tuljaram Chaturchand College, Baramati	Examination
2.	Member of Governing Body	From 2024	Tuljaram Chaturchand College, Baramati	Governing Body
3.	Member of BOS	From 2023	SPPU, Pune	BOS Statistics
4.	Member of BOS	1.07.2022 to 30.06.2025	MIT University, Pune	BOS Statistics
5.	Member of BOS	From 2023	R.B.Narayanrao Borawake College, Shirampur	BOS Statistics
6.	Member of BOS	From 2018	Tuljaram Chaturchand College, Baramati	BOS Statistics
7.	Member of DRC	From 2023	Karmveer Bhaurao Patil University, Satara	DRC Statistics

16) Life Membership of Profession Bodies:

Sr. No.	Name of Professional Body
1	Indian Society for Probability and Statistics

17) Any other Attainment: NIL