CURRICULUM VITA

1) **Name** : Prin. Dr. Avinash S. Jagtap

2) **Educational Qualification** : M. Sc. (Statistics), Ph.D.

3) **Present Designation** : Principal

4) **Date of Birth** :22/10/1965

5) **Contact No.** : 9822992210

6) **Email ID** : avinash.jagtap65@gmail.com

7) **Date of Appointment** : 01/08/1988

8) **Teaching Experience** : 35 Years

9) **Date of joining in present college:** 01/08/1988

10) **Educational Qualification:**

Sr. No.	Examination Passed	University/ Board	Year of Passing	Subject(s)	Class/ Grade
1.	B.Sc.	University of Pune	1985	Statistics	First
2.	M.Sc. (Statistics)	University of Pune (Currently SPPU, Pune)	1988	Statistics	B+
3.	Ph.D.	Shri JJT University, Rajasthan	2017	Statistics	N.A.

11) **Total Research Publications** : 36

    a. **Ph.D./Research**

Sr. No.	Ph. D. Thesis Title	Name of The Univ.	Year of award	Name of Guide
1.	Critical Comparison BetweenClassical Regression Model, neural network model and tree regression model	Shri JJT University, Rajasthan	24/4/2021	Dr. Avinash S. Jagtap
2.	Statistical Analysis of	Shri JJT University, Rajasthan	23/01/2023	Dr. Avinash S. Jagtap

	Matrimonial Data to Identify Important Characteristics Features In Match Making			

b. **Book:**

Sr. No.	Title of Book	Year of publication	ISBN	Name & Place of Publisher
1	Business Mathematics and Statistics	2019	978-0-359-67077-2	Lulu Publishers
2	Data-Driven Decision Making	2019	978-0-359-35462-7	Lulu Publishers
3	Statistics and Data Science	2023	978-81-956739-9-5	Prarup Publication

c. **Research Paper:**

Sr No.	Title of the Paper	Name of Journal	Month and Year of publication	ISSN/ ISBN No.	UGC. No./Impact Factor / Citation Details
1.	Systematic Approach Towards Decision Making, Vol. (8), Issue (8), pp 1-5, Impact Factor – 5.7631(UIF)	Review of Research Journal	May 2019	2249-894X	UGC Approved Journal No. : 48514
2.	Estimation of Population Maximum Using Sample Order Statistics and Ranked Set Sampling Vol. (8), Issue(5), pp. 1282-1287, Impact factor - SIJF Impact Factor 2018: 6.946 & ISI Impact Factor 2018-19: 1.536	International Journal of Scientific Research and Review	2019	2279-543X.	UGC Approved Journal No. : 64650
3.	A Comparison Between Traditional and Data-Driven Statistical Predictive Techniques is published Vol.(6), Issue(2), pp. 684-686, Impact factor – 5.87	Journal of Emerging Technologies and Innovative Research (JETIR)	February 2019	2349-5162	UGC Approved Journal No. : 63975
4.	Study of Volatility in the Stock Market vol.06,issue1 pp.53-60, Impact factor – 5.75	International Journal of Reasearch and Analytical Reviews (IJRAR)	January 2019	2348-1269	UGC Approved

					Journal No. : 43602
5.	Estimation of Population Maximum using sample order statisticsvol.06,issue1 pp.29-34, Impact factor – 5.75	of International Journal of Reasearch and Analytical Reviews (IJRAR)	January 2019	2348-1269	UGC Approved Journal No. : 43602
6.	Decision Tree Induction Strategies pp.48-54, Impact factor – 5.818	The Online International Interdisciplinary Research Journal(OIIRJ)	Jan 2019	2249-9598	UGC Approved Journal No. : 46964
7.	Pruning Strategies for Decision TreesVol.(5), Issue(8), pp. 331-337, , Impact factor – 5.87	Emerging Technologies and Innovative Research (JETIR),	August 2018	2349-5162.	UGC Approved Journal No. : 63975
8.	Decision Rule for Classical Ignorance: A Survey Vol.(7), Issue(4), pp. 1-6/, , Global Impact factor - 0.654	International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)	July 2018	2319-1953	UGC Approved Journal No. : 63611
9.	Popular Decision Tree Algorithm: A Survey Vol.(7), Issue(3), pp. 1-6, Global Impact factor - 0.654	International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)	May 2018	2319-1953	UGC Approved Journal No. : 63611
10.	Attribution of Authors Using Data Mining TechniquesVol.(7), Issue(3), pp. 1-5, Global Impact factor - 0.654	International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)	May 2018	2319-1953	UGC Approved Journal No. : 63611
11.	Construction of Decision Trees Using Decision Rules, volume 9, issue-3, Index Copernicus, ICV - 77.02/100 Index Copernicus, ICV - 7.39/10 e-ISSN : 2278-621X Cosmos Impact Factor - 4.490/10 Global Impact Factor - 0.685/1	International Journal of Latest Trends in Engineering and Technology (IJLTET)	January-2018	2278-621X,	UGC Approved Journal No. : 63199
12.	Authorship Attribution Using Markov Chain, volume 9, issue-3, Index Copernicus, ICV - 77.02/100 Index Copernicus, ICV - 7.39/10 e-	International Journal of Latest Trends in Engineering and Technology (IJLTET)	January-2018	2278-621X,	UGC Approved Journal No. :

					63199
	ISSN : 2278-621X Cosmos Impact Factor - 4.490/10 Global Impact Factor - 0.685/1				
13.	Effect of Aluminum on Magnetic Properties of Nanocrystalline Copper FerriteSpecial Issue Impact factor - 4.115	International Research Journal of Science and Engineering (IRJSE)	2018	2322-0015	UGC Approved Journal No. : 63628
14.	Statistical Modeling for Job Satisfaction of Maharashtra State Road Transport Corporation Key Members Vol 9. Issue 24.. ISSN:0975-5241(online),Page Nos. 14-19, Impact Factor 4.016 ICV 71.54	International Journal of Current Research and Review	December 2017	2231-2196	UGC Approved Journal No. : 62702
15.	Decision Rule Approach Special Issue, Impact factor - 5.403, pp.238-243	Scholarly Research Journal for Interdisciplinary studies (SRJIS),	2017	2319-4766	UGC Approved Journal No. : 49366
16.	The Role of Emotions in Decision-making", volume 5, issue-5, Page Nos.2080-2085, Impact Factor-6.391	International Journal of Science and Research (IJSR)	May-2016	2239-7064	
17.	An Overview of Decision Making Models" volume 6, issue-4, Page Nos.13-16. Index Copernicus, ICV - 77.02/100 Index Copernicus, ICV - 7.39/10 e-ISSN : 2278-621X Cosmos Impact Factor - 4.490/10 Global IF - 0.685/1	International Journal of Latest Trends in Engineering and Technology (IJLTET)	March-2016	2278-621X,	UGC Approved Journal No. : 63199
18.	Demography of Maharashtra: A Literacy Rate Approach volume 8, special issue-4,. Page Nos.239-250	Centum	2015	2231-1475,	
19.	Comparison Between Loss Functions In Decision, September, Impact Factor:3.4052(UIF)	Golden Research Thoughts	2015	2231-5063	
20.	Finite Difference Approximation for Space Fractional soil Moisture Diffusion Equation and its Application Volume 8, Issue 4 (Sept.-), PP 01-08	IOSR journal of Mathematics (IOSR-JM)	Oct. 2013	2278-5728,	
21.	Some contribution on Method of moving planes, Vol. 2,	International Research Journal	Jan. 2016	2350-0905	

	Issue 7 (), Pp 63-64				
22.	Assessment of Bio Accumulation Potential of Mangroves Using Statistical Indices, Vol. 49(02), Issue IJMS,	Indian Journal of Geo Marine Sciences	Feb. 2020	0379-5136	
23.	Mineral Composition of *Avicennia & Sonneratia* Species form coastal Maharashtra, and It's Interpretation through Box Plot Statistical Tool	BIO INFOLET, A QuarterlyJournalofLife Sciences IF–2.221		0973-1431	
24.	Role of mittag - Leffler Function In Susceptible infectious Recovered, Model,Vol.9, Issue 3	International Journal of Engineering, Science and Mathematics		2320-0294	
25.	Open Datasets : Need of Hour, Vol-40- Issue-74	Studies in Indian Place Names		2394-3114	
26.	Challenges and Suggestions in Indian Higher Education System, ISSN No.,Volume XII,IssueIV	Journal of Interdisciplinary Cycle Research		0022-1945	
27.	Shrinkage Methods : An Augmentation in Classical Predictive Modeling, Volume XII, Issue IV.	Journal of Interdisciplinary Cycle Research		0022-1945	
28.	Descriptive and Diagnostic Statistical Analysis of Stress,	Vidyabharati International Interdisciplinary Research Journal,	Oct. 2021	2319-4979	UGC Care list II
29.	Marital Problems and their effects on the society: A Statistical Analysis,	Vidyabharati International Interdisciplinary Research Journal,	Oct. 2021	2319-4979	UGC Care list II
30.	Sampling distribution of sample mean and Sample maximum under simple random Sampling and stratified sampling : A Comparative study,	Vidyabharati International Interdisciplinary Research Journal,	Oct.2 021	2319-4979	UGC Care list II
31.	Assessment of the effect of education on expectations from perspective spouse Volume8, Issue12,	Journal of Emerging Technologies and Innovative Research	Dec.2 1	2349-5162	
32.	Support Vector Machine : A Supervised Machine Learning Algorithm Volume 7, Issue 25,	ShodhSarita Journal of Social Sciences	March 2020	2348-2397	
33.	Diagnostic and Predictive Statistical Analysis of Contributory Risk Factors for Cerebrovascular Accident (CVA)	Juni Khyat Journal		2778-4632	
34	A Prescriptive Statistical Analysis for Transportation System of Sugar Cane Factory Vol. 23, Issue 3,	Bulletin for Technology and History Journal	2023	0391-6715	
35	Descriptive Statistical Model	JJTU Journal of Renewable	2023	2321-	

	of COVID-19 Pandemic's Effect on Human Eyesight. Vol. 11, Issue 1, PP 105-110,	Energy Exchange		1067	
36	A Prescriptive Statistical Analysis for Transformation System of Sugar Cane Factory, Vol 23, Issue 3,	Bulletin for Technology and History Journal	2023	0391-6715	

d. Research Project:

Sr. No.	Name of Funding Agency	Project Title	Funds Received	Month and Year of sanction	Duration of the Project	Status of Project
1.	BCUD	Bio – Statistical Model of Sugar Industry on groundwater quality in Malegaon	2,00,000	2012	2 Years	Completed
2.	U.G.C.	Awareness of Maternal care among Reproductive women in Baramati	3,40,000	2015	2 Years	Completed

e. 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.	Demographic Shift-Road to Sustainable Development,	Socio-economic Progress of Maharashtra	23rd Feb. 2015	National conference	Jashbhai Maganbhai Patel college of Commerce, M. G. Road, Near Azad Maidan Goregaon (W) Mumbai-400090
2.	Role of Women in Agriculture Development Perspectives and Challenges,	Socio economic Study of women in BPL SHG in Ahmednagar Muncipal Corporation Area	31/10/2012	National conference	AIMS Baramati
3.	Recent Developments in Mathematics and	Study of Temperature variation using	14th to 16th	National conference	T.C.College, Baramati

	Statistics,	Multinational logistic Regression (MLR)	Feb.2013		
4.	Contemporary issues in Management and Technology,	Analyzing factors affecting software development – A literature review	08-08-2011 to 09-08-2011	International Conference	Prof.R.More College, Pune
5.	Current Trends in Computer Science and IT,	Challenge and Issue of Software Development Approach using The Economic Model	21-02-2011 to 23-02-2011	National Conference	Dr.D.Y.Patil College, Pune
6.	Recent trends in Commerce, Mathematics & Statistics,	Economics of Agriculture Development in Market Yard	17-19 Feb., 2010.	National Seminar	Dr. Ambedkar College of Arts and Commerce, Yerwada, Pune
7.	Recent Development in Graduate Mathematics,	Fast Fourier Transform (FFT) - A useful tool for analysis of Physiological signal	06 to 08 February 2012	National Conference	Marathwada Mathematical Society
8.	Recent Applications of Mathematics and Statistics,	Impact of Plastic Money on Payment Habbits in Baramati	03 February 2018	State Level Seminar	Arts, Sci. and Comm. Mahila College, Malegaon Camp, Nashik
9.	Recent Trends in Commerce, Economics and Management,	Applications of Transportation Techniques in Management	24 January 2012	International Conference	Smt. C. K. Goyal Arts and Commerce College, Dapodi, Pune
10.	Recent Trends in Mathematics,	Effect of Soil and Fertilizers on Coriander Seeds	27 to 29 January 2011	National Workshop	Loknete Vyankatrao Hiray Arts, Commerce & Sci. College Panchavati, Nashik
11.	Inclusion of Soft Skills in Higher Education Curriculum for Better Employability Strategies and Challenges	Statistical Analysis of Noise Pollution in Ganesh Festival		National Workshop	Justice K.S.Hegde Institute of Management, NMAMIT, NITTE
12.	Recent Trends in Physical, Chemical and Biosciences [RTPCB 2016]	Effect of Vermicompost & Cowdung on on the growth of Chilli Plant	16 – 17 December 2016	National Conference	V.P's Arts, Science and Commerce College, Baramati

13.	Application of free software in Business Statistics, Economics, Commerce and Management	Resource Person		State	B.M.C.C. College, Pune
14.	SET/NET in Statistics	Resource Person	14-19 March 2016	State	T.C.College, Baramati
15.	Syllabus Restructuring of Statistics and Computer Applications of Commerce Faculty	Resource Person	21 May 2019	State	T.C.College, Baramati
16.	Recent Applications of Mathematics and Statistics,	Resource Person	03 February 2018	State Level Seminar	Arts, Sci. and Comm. Mahila Mahavidyalaya, Malegaon Camp, Nashik
17.	Mathematical Modelling, Computational Intelligence Techniques and Renewable Energy (MMCITRE-2021),	Composite Sampling and Use of Composite Sampling to Obtain Sample Maximum.	6-8 Feb.2021	International conference	Pandit Deendayal Petroleum University, Gujrat.
18.	One day state level workshop on Research Methodology	Resource Person (Invited Talk)		State Level	L. V. H. Arts, Science and Commerce College, Panchvati, Nashik

f. Patents published/Register:

Sr. No.	Title of Invention	Date of Filling	Publication Date	National /International
1	Design Wearable Sensors to provide Healthcare Notifications using IoT Based	17/11/ 2021	17/12/2021	National
2	Room Air Pollution Monitoring System using IoT Based	10/12/ 2021	14/01/2022	National
3	Device for Testing moisture	3/11/	04/01/2023	National

	Content in Soil	2022		
4	A System for relationship-based new K-line clustering Patent No :-202023103509.4	25/06/2023	-	International
5	Artificial Intelligence based Cybersecurity Device for Military Networks	07/09/2023	14/09/2023	International

12) Research Guidance:

a) Guide ship Details

Sr. No.	Ph.D. Guide	Name of University	Month & Year of recognition	No. of Research Scholars	
				Completed	Perusing
1	Dr. Avinash Jagtap	Shri JJT University, Rajasthan	August 2017	2	1
2	Dr. Avinash Jagtap	SPPU, Pune	November 2018	-	-

b) Research Guidance

Sr. No.	Name of Scholar	Name of University	Month and Year Registration	Title of the Research
1	Shubhangi Madhukar Chaudhari	Shri JJT University, Rajasthan	26/08/2017	Critical Comparison Between Classical Regression Model, neural network model and tree regression model
2	Yeole Deepak Rajaram	Shri JJT University, Rajasthan	23/01/2018	Statistical Analysis of Matrimonial Data to Identify Important Characteristics Features In Match Making
3.	Nilambari Arvind Jagtap	Shri JJT University, Rajasthan	27/12/2020	Critical Comparison Between Descriptive, Diagnostic,

				Predictive and Prescriptive Statistical Model

13) Professional recognition / award/ fellowship etc.

Sr. No.	Name of Award/ Recognition	Awarding Agency	Year
1.	Awarded as Best Student Development Officer	Savitribai Phule Pune University, Pune	2016-17
2.	Awarded as Best Youth Welfare Coordinator	Pearl Foundation Educational Excellence Awards to Higher Education in India	2017
3.	Bharat Ratna Dr. B. R. Ambedkar National Excellence Award 2023	Bhartiy Karmachari Mazdoor Union Central Commiittee, New Delhi	2023

14) Work Experience on Academic Bodies and other:

Sr. No.	Designation/ Position	Duration	Name of Institute / University	Details
1.	Member of BoS in Statistics and Computer Applications	1/9/2005 (5 years)		
2.	Faculty member of Commerce	1/9/2005 (5 years)	University of Pune	
3.	Member of BoS in Statistics	2018 to 2023	Vivekanand College (Autonomous), Kolhapur	
4.	Member of BoS in Statistics, Computer Applications and Management Studies	25/7/2018 to 24/7/2022	SPPU, Pune	Nominated by Vice-Chancellor as Member of BoS
5.	Chairman BoS in Statistics	2019-2022	Tuljaram Chaturchand College Baramati (Autonomous)	
6.	Chairman BoS in Statistics	2022-2023	Tuljaram Chaturchand College Baramati (Autonomous)	
7.	Member of academic council		Tuljaram Chaturchand College Baramati(Autonomous)	
8.	Member of governing body		Tuljaram Chaturchand College Baramati(Autonomous)	

15) Life Membership of Profession Bodies:

Sr. No.	Name of Professional Body
1.	Life membership of Indian Society for Probability and Statistics (ISPS)

16) Any other Attainment:

Principal at Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati From 1st , May 2023 to till the date.