

Curriculum Vitae

Dr. Tukaram Vaijanath Navghare

Department of Statistics

VPM's B. N. Bandodkar College of Science (Autonomous), Thane

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Professional Profiles:

ORCID: [Tukaram Navghare \(0000-0001-6561-7237\) - ORCID](#)

Google Scholar: [Tukaram Navghare-Google Scholar](#)

ResearchGate: [Tukaram Navghare | Vidya Prasarak Mandal, Thane | Statistics | Research profile](#)

LinkedIn: [Tukaram Navghare | LinkedIn](#)

Academic Record:

Sr. No.	Qualification	University/ Board	Year of Passing	Result
1.	Ph. D.	S.R.T.M. University, Nanded	March 2025	Awarded
2.	SET	S.P.P.U. Pune	March 2023	Qualified
3.	NET	C.S.I.R. New Delhi	December 2017(AIR-30)	Qualified
4.	NET	C.S.I.R. New Delhi	June 2017(AIR-54)	Qualified
5.	M.Sc. (Statistics)	S.R.T.M. University, Nanded	June 2015	74.36% (Rank-I)
6.	B.Sc.	S.R.T.M. University, Nanded	June 2013	67.75%
7.	H.S.C	Aurangabad	June 2009	53.50%
8.	S.S.C	Latur	June 2007	63.53%

Current Affiliation:

Currently, I am working as a Assistant Professor, Department of Statistics, VPM's B. N. Bandodkar College of Science (Autonomous), Thane

Publications:

1. T. V. Navghare, A. A. Muley, V. A. Jadhav,. Siamese Neural Networks for Kinship Prediction: A Deep Convolutional Neural Network Approach. *Indian Journal of Science and Technology*, 2024; 17(4), pp:352-358, ISSN:0974-6846.
2. S.S.Torane, S.R.Torane, A.D.Chakranaraya, R.K.Rahane, T. V. Navghare., Economic Analysis of Value Addition in Various Products of Mango in Konkan Region of Maharashtra State (India), *International Journal of All Research Education and Scientific Methods*, 2023; 11(12), pp:411-420,ISSN: 2455-6211.
3. T. V. Navghare, A. A. Muley and V. A. Jadhav, Classification of Breast Cancer Patients using Deep Learning Techniques, *Indian Journal of Science and Technology*, (2023); 16(17). pp: 4612-4619, ISSN: 0974-6846.
4. A. A. Muley, T. V. Navghare, V. A. Jadhav, Face Mask Detection and Recognition using CNN Deep Learning Models. *Techno- Societal*, pp 707–716 (2022). Publisher: Springer, Cham.
5. Jachak, R, Om Gawas, M Sawant, P Phadte, And T. Navghare. "Forecasting Land Utilization of India and Maharashtra Using Arima Model." *International Journal* 7, No. 10 (2024): 134-144.

6. Kulkarnia, Mohini, Anam Attara, Harshada Salvea, and Tukaram Navgharea. "Analytical Study of Water Pollution Across Multiple Water Bodies."
7. Shirkea, Anuja, Rohit Bhora, Mohini Kulkarnia, and Tukaram Navgharea. "Predictive Modelling for Crop Yield in Maharashtra: Analysing Trends and Future Insights."
8. Kulkarnia, Mohini, Aditya Padwalkara, Saikat Pramanika, Sahil Ganganahallia, and Tukaram Navgharea. "Evaluating Climate Change Effects on Agricultural Productivity: An Analytical Approach."
9. Harsh Nandu , Mohini Kulkarni ,Tukaram Navghare, "Impact of Deforestation and Industrialization on Temperature Trends in India: A Time Series Perspective"
10. K. L. Bachhao, S. R. Torane, A. D. Chakranarayan, P. J. Kshirsagar, T. V. Navghare., Growth Trends, Trade and Self-sufficiency in the Oilseed Sector in India.
11. Navghare, T., Jadhav, S., Deshmukh, N., Shinde, A., & Shitole, P. Study of Low-Cost Soil Filtration Techniques for Improving Drinking Water Quality in Urban Chawl Communities.
- 12.

Member of Administrative Bodies and Society :

1. Life member of Indian Society for Probability and Statistics, Tirupati-517502 Andhra Pradesh, India.
2. Member of Admission Committee VPM's B. N. Bandodkar College of Science (Autonomous), Thane.
3. Member of Examination Committee VPM's B. N. Bandodkar College of Science (Autonomous), Thane.
4. Member of IQAC (Internal Quality Assurance Cell), VPM's B. N. Bandodkar College of Science (Autonomous), Thane.
5. Member of the Examination Committee, involved in academic assessment processes, VPM's B. N. Bandodkar College of Science (Autonomous), Thane.
6. Member of the Editorial Board of JBNC Journal, VPM's B. N. Bandodkar College of Science (Autonomous), Thane.
7. Member of the Board of Studies (BoS) in Statistics, VPM's B. N. Bandodkar College of Science (Autonomous), Thane.

Teaching Experience: 09 Year

Awards and Achievements:

1. Chhatrapati Shahu Maharaj National Research Fellowship for Ph.D. - 2020, SARTHI Pune.
2. Received Mentorship Certificate from SWAYAM-NPTEL for mentoring students in an online course Statistical Inference during Jan-April 2023.
3. Received Mentorship Certificate from SWAYAM-NPTEL for mentoring students in an online course Operations Research during Jan-Dec 2020.
4. Python for Data Science, SWAYAM-NPTEL Online Course conducted by IIT Madras during Jan-Feb 2022.
5. Introduction to Probability and Statistics, SWAYAM-NPTEL Online Course conducted by IIT Madras during Jan-Feb 2021.
6. Operations Research, SWAYAM-NPTEL Online Course conducted by IIT Madras during Sept-Nov, 2020
7. Awarded and felicitated as **1stRanker in M.Sc. (Statistics)** by Swami Ramanand Teerth

Marathwada University Nanded.

Software Competency and Skills:

Python, R, SAS, SPSS, MINITAB, MATLAB, Excel, LaTeX and MSCIT.

FDP/Workshops:

1. Successfully completed the UGC-Sponsored 186th Faculty Induction (Orientation) Programme conducted by the UGC-Malaviya Mission Teacher Training Centre, University of Kerala, from 20 May 2026 to 16 June 2026,
2. Completed Five-Day Faculty Induction Program conducted by the Internal Quality Assurance Cell (IQAC), B. N. Bandodkar College of Science (Autonomous), Thane (18–23 June 2026).
3. Participated in the IIC Regional Meet 2025 organized by MoE's Innovation Cell and All India Council for Technical Education, focusing on innovation, entrepreneurship, and institutional development in higher education.

List of Courses Taught:

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|---------------------------------------|---|
| ● Distribution Theory | ● Parametric Inference |
| ● Descriptive Statistics | ● Design and Analysis of Experiment |
| ● Stochastic Processes | ● Asymptotic Inference |
| ● Statistical Programming with Python | ● Statistical learning and Data Science |