

Dr. Dadasaheb G. Godase

Assistant Professor
The New College, Kolhapur

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Academic Summary

| Degree | Institute/College | University/Board | Year | Marks |
|-------------------|-------------------------------|---------------------------------|----------|--------|
| S.S.C. | Shri Shivaji Vidyalaya, Mahud | Pune | Mar-2008 | 80.30% |
| H.S.C. | SMJ Collage, Shivane | Pune | Mar-2010 | 70.00% |
| B.Sc.(Statistics) | KBP Collage, Pandharpur | PAH Solapur University, Solapur | Jun-2013 | 81.24% |
| M.Sc.(Statistics) | Department of Statistics | PAH Solapur University, Solapur | Mar-2015 | 77.28% |
| Ph.D.(Statistics) | Department of Statistics | Shivaji University, Kolhapur | Apr 2022 | - |

Positions Held

| | |
|------------------------|---|
| Assistant Professor | March 2023– till date, The New College, Kolhapur |
| Consultant | May 2022– till date, Solytics Partners Pvt Ltd, Pune |
| Research Associate III | December 2021–April 2022, Symbiosis Statistical Institute, Symbiosis International University, Pune |
| INSPIRE Fellow | August 2017– December 2021, Department of Statistics, Shivaji University, Kolhapur |
| Project Fellow | November 2016 – August 2017, Department of Statistics, Shivaji University, Kolhapur |
| Assistant Professor | November 2015 – November 2016, Department of Statistics, Rajaram College, Kolhapur |

Awards/Prizes/Achievements

ISPS Young Statistician Award 2018: Indian Society for Probability and Statistics (ISPS)

INSPIRE Fellow Award: Department of Science and Technology, New Delhi, India

Second Prize, Avishkar Research Convention 2020: Shivaji University, Kolhapur

Stood First in M. Sc. Examination (Statistics): PAH Solapur University, Solapur

Research Interests

Statistical Process Control: *Control charts based on sequential sampling*

Research Impact

Citation Index (2022)

Google Scholar: 46 📄 <https://scholar.google.com/citations?user=Q6yuDGEAAA&hl=en&oi=ao>

SCOPUS: 45 📄 <https://www.scopus.com/authid/detail.uri?authorId=57208684592>

Research Publications

- 1 Babatunde, O. T., Khoo, M. B., Saha, S. & Godase, D. G. (2024). Monitoring the mean of autocorrelated data with long memory from cable production using one-sided runs rules schemes with arfima (1, d, 1) model. *Quality and Reliability Engineering International*.
- 2 Deore, R. E., Mahadik, S. B. & Godase, D. G. (2023). The two-sided SPRT sign charts. *Quality and Reliability Engineering International*.
- 3 Ganasan, S., Woon, Y. H., Mustafa, Z. & Godase, D. G. (2023). Memory-type control charts through the lens of cost parameters. *Intelligent Automation and Soft Computing*, 36(1).
- 4 Mahadik, S. B. & Godase, D. G. (2023a). The SPRT sign chart for process location. *Communications in Statistics-Theory and Methods*, 52(7), 2276–2290.
- 5 Mahadik, S. B. & Godase, D. G. (2023b). A two-sided SPRT control chart for process mean. *Journal of Statistical Computation and Simulation*, 1–13.
- 6 Godase, D. G. & Mahadik, S. B. (2022). The SPRT sign chart for process dispersion. *Stochastics and Quality Control*, 37(1), 101–106.
- 7 Godase, D. G., Mahadik, S. B. & Rakitzis, A. C. (2022). The SPRT control charts for the maxwell distribution. *Quality and Reliability Engineering International*, 38(4), 1713–1728.
- 8 Godase, D. G., Rakitzis, A. C., Mahadik, S. B. & Khoo, M. B. (2022). Deciles-based EWMA-type sign charts for process dispersion. *Quality and Reliability Engineering International*, 38(7), 3726–3740.
- 9 Godase, D. G., Rao, P. & Gore, A. (2022). Favorit: Farmers volatility risk treatment. *arXiv preprint arXiv:2203.12395*.
- 10 Khirsagar, D. M., Ghute, V. B. & Godase, D. G. (2022). The GLR control chart for the maxwell distribution. *International Journal of Statistics and Reliability Engineering*, 500–506.
- 11 Godase, D. G. & Mahadik, S. B. (2021). The combined Shewhart-CUSUM sign charts. *Communications in Statistics-Simulation and Computation*, 1–10.
- 12 Mahadik, S. B., Godase, D. G. & Teoh, W. (2021). A two-sided SPRT control chart for process dispersion. *Journal of Statistical Computation and Simulation*, 91(17), 3603–3614.
- 13 Halake, K. S., Godase, D. G. & Mahadik, S. B. (2020). Power comparison of kolmogorov-smirnov test under ranked set sampling and double ranked set sampling. *International Journal of Agricultural and Statistical Sciences*, 16(2), 671–677.
- 14 Mahadik, S. B., Godase, D. G., Patil, S. M., Pisal, S. V., Jadhav, P. S. & Warake, S. B. (2020). Reanalysis of the impact of urbanization on bird species diversity around amravati. *International Journal of Agricultural and Statistical Sciences*, 16(2), 509–517.
- 15 Godase, D. G. & Mahadik, S. B. (2019). The SPRT control chart for process dispersion. *Quality and Reliability Engineering International*, doi.org/10.1002/qre.2481.

Research Collaborations

- 1 Universiti Sains Malaysia, Penang, Malaysia
- 2 University of Piraeus, Piraeus, Greece
- 3 Heriot-Watt University Malaysia, Putrajaya, Malaysia
- 4 Universiti Kebangsaan Malaysia, UKM Bangi, Selangor
- 5 Shivaji University, Kolhapur
- 7 Skoruz Technologies Private Limited, Bengaluru, India

Conferences/Workshops Attended

- 1 Participated in International Symposium on Nonparametric Statistical Methods held on November 12, 2022 by the Department of Statistics, Shivaji University, Kolhapur.
- 2 Participated in Research Awards 2021-22 competition organized by Dr. K. V. Rao Scientific Society.
- 3 Presented a paper entitled "*A Two-Sided Control Chart for Process Mean Based on Sequential Sampling*" in the National e-Conference on Recent Advances in Applied Statistics organized on April 24th, 2021 by the Department of Statistics, School of Computational Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur.
- 4 Participated in Student Poster Competition organized during December 27-30, 2019 by IISA at the Indian Institute of Technology, Bombay.
- 3 Participated in the R Conference organized during December 27-30, 2019 by IISA at the Indian Institute of Technology, Bombay.
- 5 Presented a paper entitled "*A Nonparametric SPRT Control Chart*" in the International Conference on Theory and Applications of Statistics and Information Sciences organized during January, 5-7 2018 by the Department of Statistics, Bharathiar University, Coimbatore.
- 6 Participated in National Seminar on Statistical Modeling and Applications Department of Statistics, Shivaji University, Kolhapur
- 7 Participated in National Workshop on Statistical Computing organized during September 21-23, 2013 by Department of Statistics, Solapur University, Solapur.
- 8 Participated in Workshop on Careers in Statistics organized during January 12-13, 2013 by Department of Statistics, Modern College, Pune.

Guest Lectures

- 1 Delivered a lecture on the *Impact of Urbanization on Biodiversity* held on June 29, 2022 organized by Dr. DY Patil Arts, Commerce, and Science College, Pimpri, Pune.
- 2 Delivered a series of lectures on *Control Charts* in the Ph. D. coursework workshop in Statistics organized during June 6-30, 2022 by PAH Solapur University, Solapur.
- 3 Delivered a lecture on *Data Visualization using R* held on April 18, 2022 by Department of Statistics, KBP Mahavidyalaya, Pandharpur.
- 4 Delivered a series of lectures in one day workshop on *Statistical Analysis using R* held on March 21, 2022 by the Department of Statistics, YCIS, Satara.
- 5 Delivered a series of lectures in Value Added Course on *Introduction to Python Programming* held during August 29 - September 2, 2019 at Department of Statistics, Shivaji University, Kolhapur.
- 6 Delivered a lecture on *Career Opportunities in Statistics* held on February 06, 2019 organized by Department of Statistics, RCS College, Kolhapur.
- 7 Delivered a series of lectures on *Sampling Techniques* on April 25, 2017 at PDVP College, Tasgoan.
- 8 Delivered a series of lectures on *Applications of Softwares in Statistics* organized by Department of Statistics, SGM College, Karad.
- 9 Delivered a series of lectures on *Sampling Techniques and Queuing Theory* organized during April 5-15, 2016 by the Department of Statistics, RCS College, Kolhapur.

Articles Published in Newspapers

- 1 *Kothimbir utpaadakla aata ganitachi madat*: Published in daily Pudhari , April 15, 2022
- 2 *Sarvsadharan prabhagat bhajapchi sarasi*: Published in daily Sakal, September 19, 2021
- 3 *Vidhyarthyani mandala rajkaranacha pat*: Published in daily Sakal , January 14, 2020

Online Courses (DataCamp)

- 1 Introduction to R Course
- 2 Data Science for Everyone
- 3 Machine Learning for Everyone
- 4 Introduction to Data Visualization with Matplotlib
- 5 Introduction to Data Visualization with ggplot2

Skills

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|---------------------|----------------------------------|
| Softwares | R, Minitab, SPSS, Python, Latex |
| Office Tools | MS-Excel, MS-Word, MS-Powerpoint |

Blogs

R  <https://rpubs.com/maheshraje982/617094>

Python  <https://nbviewer.org/github/DadasahebGodase/Dadasaheb-G.-Godase/blob/master/Mahesh.ipynb>

Latex  <https://www.overleaf.com/articles/prof-shashibhushan-b-mahadiks-cv/kqkvzgrvzrn>

Co-Curricular Activities

Member of the Authorities

- Board of Studies in Statistics, Karmaveer Bhaurao Patil Mahavidyalaya, Pandharpur
- Board of Studies in Statistics, Kamla College, Kolhapur

Reviewer

- Quality Technology and Quality Management
- Hacettepe Journal of Mathematics and Statistics
- Journal of Shivaji University (Science and Technology)

Internship

- Summer Internship on Field Surveys at National Sample Survey Office, Regional Office, Pune.

Professional Memberships

- Indian Society for Probability and Statistics (ISPS)
 - International Indian Statistical Association (IISA)
 - Shivaji University Statistics Teachers' Association (SUSTA)
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