

Somanath Dasharath Pawar

Designation : Assistant Professor
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Shivaji University, Kolhapur, India
Date of Birth : April 23, 1990
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Academic Summary

Degree	Institute/College	University/Board	Year	Marks
NET(Math Sci.)	–	UGC-CSIR	Dec.2013	–
SET (Math. Sci)	–	University of Pune	Nov. 2011	–
Ph.D.(Statistics)	Department of Statistics	Shivaji University, Kolhapur	Oct. 2020	–
M.Sc.(Statistics)	Department of Statistics	Shivaji University, Kolhapur	Apr-2012	83.08%
B.Sc.(Statistics)	Y.C.C.S, Karad.	Shivaji University, Kolhapur	Apr-2010	82.03%
H.S.C.	Bharatmata Junior College, Mayani.	Kolhapur	Mar-2007	68.33%
S.S.C.	Nav-Maharashtra Vidyalaya, Chitali	Kolhapur	Mar-2005	74.66%

Statistical Software known: R, Python, SAS, SPSS, MATLAB, MINITAB, SYSTAT, STATISTICA

Programming Languages: C, C++

Completed “PH207x: Health in Numbers: Quantitative Methods in Clinical & Public Health Research” a course of study offered by **Harvardx**, an online learning initiative of **Harvard University** through **edX**.

Experience

1. Presently working as **Assistant Professor** in the Department of Statistics, Shivaji University, Kolhapur from September 25, 2013.
2. Worked as **visiting faculty** in the Department of Statistics, Shivaji University, Kolhapur from December 18, 2012 to September 24, 2013.
3. Worked as **Assistant Professor cum Assistant Director**, in Centre for the Study of Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur from October 25, 2012 to September 24, 2013.

Courses Taught

M.Sc. (Statistics/ Applied Statistics and Informatics) : Statistical Computing, Elementary Stochastic Processes, Python for Data Science, Survival Analysis, Advanced Data Structures with C++, Sampling theory

PG Diploma in Social Exclusion and Inclusive Policies at CSSEIP: Quantitative Techniques for Social Exclusion and Inclusive Policies

Achievements

1. Awarded with **Best Paper Presentation Award** in the International Conference on Recent Advances in Statistics organized by SGM College, Karad during October 11-12, 2021.
2. Awarded with **Dr. R. N. Pillai Young Statistician Award** for the best research paper competition conducted by **The Kerala Statistical Association** for the year 2021.
3. Awarded **first rank** in the '**Avishkar 2015-16**', a research Competition at University level held at Shivaji University, Kolhapur, under category of Pure Sciences during December 2015 – January 2016 and participated in 10th Maharashtra State Inter University Research Convention "Avishkar-2015" organized by S. P. Pune University, Pune.
4. Stood **First** in order of merit at the **M.Sc.** (All Science subjects) and **M.A/M.Sc.(Math. & Geog.)** Examination held in March/April 2012 in Shivaji University, Kolhapur.
5. Recipient of '**Dr. Pandurang Vasudev Sukhatme Smruti Paritoshik**' in the year 2011-12 for being first in the M.Sc. (Statistics).
6. Recipient of **Merit Scholarship** 2011-2012 of Shivaji University Kolhapur for Meritorious Performance in the faculty of Science at M.Sc.I Statistics.
7. Recipient of **Silver Jubilee Scholarship** in both the academic year 2010-2011 and 2011-2012 of Department of Statistics, Shivaji University Kolhapur.
8. Recipient of **N.G. Bhosale scholarship** for Poor and Clever student. (B.Sc.)
9. Recipient of **First prize of written quiz** in T.Y.B.Sc. Organized by SUSTA.
10. **Deputed** by Department of Statistics SUK to undergo one week training programme on "**Official Statistics**" for the post graduate students of various Universities held during 04-08 July, 2011 at National Academy of Statistical Administration –NASA, Delhi.(MOSPI Government of India)

Co-curricular and Extension activities

Department level:

1. **Coordinator**, Statistical Consultancy Unit (since 2021-22)
2. **Program Officer**, National Service Scheme (NSS) (since 2014-15)
3. **Placement Officer**, (since 2015-16)
4. **Coordinator**, Departmental Library (since 2013-14)
5. **Alumni Coordinator**, (since 2020-21)
6. **Coordinator**, UGC NET Coaching Scheme for SCs, STs/ OBCs (Non-Creamy Layer) and minority community students (since 2013-14)
7. **Coordinator**, value added course on "Python for Data Science" (since 2018-19)
8. **Coordinator**, Training Program on SAS software for M.Sc. Part-II students (organized every year during 2013-14 to 2017-18)
9. Participated in data analysis and report writing of major research project "Demographic Surveillance of Jaitapur Nuclear Power Plant in an around 30km from site" sanctioned to Department of Environment Science by BARC Mumbai during April 25- May 25, 2011.

University level:

1. **Member**, IQAC, SUK (2022-24)
2. **Member**, Board of Studies in Statistics, SUK (Since 2022)
3. **Member**, Board of Studies in Statistics, DG College, Satara (Since 2022)

4. **Member**, Central Admission Committee (Academic year 2022-23, 2023-24)
5. **Member**, Committee for Grade Point (SGPA and CGPA) related matters
6. **Member**, Committee for Admission Software
7. **University Avishkar Co-coordinator**, Pure Sciences Discipline and **Member**, of Avishkar Advisory Committee
8. **University Nodal Officer**, Infosys Springboard Platform (Since 2022-23)
9. **Member**, National Service Scheme(NSS) Advisory Committee (2018-21)
10. **Member**, Advisory Committee, Dr. Appasaheb Pawar Earn and Learn Scheme
11. Contributed in the **Five Year Perspective Plan** of Shivaji University, Kolhapur
12. Contributed in the preparation of **NAAC-SSR** of the University for the fourth cycle of accreditation

Consultancy

Analyzed data of many researchers from various fields like Management, Medical Sciences, Social Sciences, Life sciences, Library Sciences, Sports through “**Statistical Consultancy Unit**” of Department of Statistics, Shivaji University, Kolhapur.

Projects with industry:

- **Title:** Digitization of contour plots
Name of the industry: Kraton Corporation, USA
Duration: June-September- 2020
Other expert(s): Dr. D. T. Shirke
Amount: 2200 USD

Research

Current Research Interests

Nonparametric Statistical Inference

Topic of Ph.D. : Some Nonparametric Tests for Multivariate Locations and Scales
Guide : Prof. D. T. Shirke

Research Projects: (03-Completed)

3. **Principal Investigator** of research project entitled “*Development of Statistical Techniques to Compare Multivariate Distributions*” sponsored by **Shivaji University, Kolhapur** under the “*Research Initiation Scheme*”. (Amount: 50,000/- Duration: August 03, 2018 to August 02, 2020)
2. **Co-Principal Investigator** of Major research project entitled “*Nonparametric Inference Based on Notion of Data Depth and its Applications*” sponsored by **DST-SERB** under the scheme “*Core Research Grants*”. (Amount: 17,21,111/-June 05, 2018 to June 4, 2021)
1. **Principal Investigator** of Minor research project entitled “*Social Profile of the Students admitted to Post Graduate Courses in Shivaji University, Kolhapur*” sponsored by **UGC funded Centre for the Study of Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur**. (Amount: 10,000/-, October 2012 to March 2013)

Publications

15. Parmar, H., Mohite, R. V., Kakade, S. V., **Pawar, S. D.**, Mahajan, S. V., and Prasad, L. N. (2024, January). Big Data Analytics for Early Detection of Alzheimer's Disease. *In 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies (HISSET) (pp. 226-229). IEEE.*
14. Sutar, S. S., Rajguru, S. V., Patil, P. S., and **Pawar, S. D.** (2024). Reliability analysis of load sharing systems under unequal load-sharing rule with applications. *Communications in Statistics-Theory and Methods*, 1-23.
13. Ghute, V. B., Kshirsagar, D. M., and **Pawar, S. D.** (2024). The GLR Control Chart for Monitoring Scale Parameter of the Rayleigh Distribution. *SAMRIDDHI-A Journal of Physical Sciences, Engineering and Technology*, 16(01).
12. Kumbhar, D. D., Kumar, S., Dubey, M., Kumar, A., Dongale, T. D., **Pawar, S. D.**, and Mukherjee, S. (2024). Exploring statistical approaches for accessing the reliability of Y2O3-based memristive devices. *Microelectronic Engineering*, 288, 112166.
11. **Pawar, S. D.**, and Shirke, D. T. (2024). Depth-based graphical tools and related tests for multivariate multi-sample problems. *Communications in Statistics-Simulation and Computation*, 1-23.
10. Sutar, S. S., Gardi, C. G., and **Pawar, S. D.** (2023). Analyzing Load Sharing System Reliability: A Modified Weibull Distribution Approach. *Reliability: Theory & Applications*, 18(3(74)), 708-724.
9. Waghmare P. T., Panhalkar S. S., Patil A. S., and **Pawar S. D.** (2022). Drought Assessment of Eastern Satara District of Maharashtra using Rainfall Anomaly Index. *Disaster Advances* 15(8), 29-34.
8. Shirke, D. T., **Pawar, S. D.**, and Maske, P. V. (2022). Nonparametric scale tests based on the notion of data depth. *Communications in Statistics-Simulation and Computation*, 1-14.
7. **Pawar, S. D.**, and Shirke, D. T. (2022). Data Depth-Based Nonparametric Tests for Multivariate Scales. *Journal of Statistical Theory and Practice*, 16(1), 11.
6. Waghmare P. T., Panhalkar S. S., Patil A. S., **Pawar S. D.** (2021). Assessment of Spatial-temporal Variations of Drought indicated by Agricultural and Hydrological Parameters in Eastern Part of Satara District of Maharashtra, India. *Disaster Advances*, 14(5), 58-73.
5. Waghmare P. T., Panhalkar S. S., Patil A. S., **Pawar S. D.** (2020). Drought assessment of eastern Satara district of Maharashtra using standardized precipitation index. *Disaster Advances*, 13(6), 51-56.
4. **Pawar, S. D.**, and Shirke, D. T. (2019). Nonparametric tests for multivariate multi-sample locations based on data depth. *Journal of Statistical Computation and Simulation*, 1-18.
3. **Pawar, S. D.**, and Shirke, D. T. (2017). Nonparametric tests for multivariate locations based on data depth. *Communications in Statistics-Simulation and Computation*, 1-24.
2. Bilawar, P. B., Pujar, S. M., and **Pawar, S. D.** (2017). E-Information Literacy Index of University Teachers of Maharashtra, India: A Case Study. *DESIDOC Journal of Library & Information Technology*, 37(6), 432.
1. Chougale P. and **Pawar S. D.** (2015). Understanding organizational culture through OCTAPACE profile: an empirical study of the university. *International Journal of Research in Commerce, IT and Management*, 5(7), 13-17.

Articles published in news paper

3. Khallya Mithala Jaga (Lokmat, July 03, 2022)
2. Rikshane Prawasasathi booing app (Lokmat, February 20, 2022)
1. Sankhyashastratil sandhi (Sakal)

Paper Presentation

16. Presented a paper entitled "*Graphical Test for Analyzing Load Sharing Effect*" in "National Conference on Modern Applications of Statistical Science" organized by Department of Statistics, School of Computational Science, Solapur University, Solapur during September 27-28, 2024.
15. Presented a paper entitled "*Wilcoxon-Signed rank test based GLR control chart for process location*" in "International Conference on Advances in Data Analytics & Official Statistics" organized by Department of Statistics, SPPU, Pune during May 24-26, 2024.
14. Presented a paper entitled "*Comparison of Multivariate Samples/Datasets using Graphical Tools Based on Data-depth*" in "International E-Conference on Integrated Science" organized by SYPSC Solankur during February 08, 2024.
13. Presented a paper entitled "*Nonparametric Tests for Homogeneity of Species Assemblages*" in "International Conference on Recent Advances in Applied Statistics" organized by Adarsh College, Vita during March 10, 2023.
12. Presented a paper entitled "*Data Depth Based Nonparametric Tests for Multivariate Multi-sample Scale Problem*" in "International Conference on Recent Advances in Statistics" organized by SGM College Karad during October 11-12, 2021.
11. Presented a paper entitled "*Depth Based Graphical Tools and Related Tests for Multivariate Multi-sample Location Problem*" in "IISA 2019 International Conference on Innovations in Data and Statistical Sciences" organized by IISA at IIT, Bombay during December 27-30, 2019.
10. Presented a paper entitled "*Nonparametric Tests for Scale Homogeneity Based on Scale Curves*" in International Conference on "Computer Age Statistics in the Era of Big and High Dimensional Data" organized by Department of Statistics, Savitribai Phule Pune University, Pune.
9. Presented a paper entitled "*Two Sample Nonparametric Tests for Multivariate Scales*" in International Conference on "Emerging Innovations in Statistics and Operation Research" organized by Department of Statistics, MD University, Rohtak in conjunction with ISPS and IARS.
8. Presented a paper entitled "*Data Depth Based Graphical Tools for comparing Multiple Multivariate Distributions*" in National Seminar on Statistical Modeling and Applications organized by Department of Statistics, Shivaji University, Kolhapur during February 23-24, 2018
7. Presented a paper entitled "*Data Depth Based Tests for Multivariate Multi-sample Location Problem*" in National conference for Women in Statistics and Analytics organized by Department of Statistics, Savitribai Phule Pune University, Pune during February 14-16, 2018
6. Presented a paper entitled "*Data Depth Based Nonparametric Tests for Multivariate Scales*" in 2017 IISA International Conference on Statistics organized by IISA at Hyderabad International Convention Centre during December 27-30, 2017
5. Presented a paper entitled "*Nonparametric Tests Based on Data Depth for Multivariate Multi-sample Locations*" in UGC sponsored two day National conference on Applied Statistics and Informatics organized by Department of Statistics, Shivaji University, Kolhapur during March 10-11, 2017
4. Presented a paper entitled "Depth Based Tests for k -Sample Multivariate Locations" in the National Seminar on "*Recent Developments in Applied Statistics*" Department of Statistics, Balwant College, Vita in collaboration with Department of Statistics, Shivaji University, Kolhapur during September 25-26, 2015.
3. Presented a paper entitled "*Modified Nonparametric Tests Based on Data Depth*" in the International Conference on "*Mathematical Sciences-2015*" held at SGM College Karad during September 15-16, 2015
2. Presented a paper entitled "*A Nonparametric Test Based on DD Plot*" at National conference on "*Applied Statistics and Related working Practices*", organized by Department of Statistics, School of Mathematical Sciences, North Maharashtra University, Jalgaon, during January 30 -31. 2014.
1. Presented a paper entitled "*An Empirical Study of Poverty and Social Inequalities in Satara District*" in National seminar on "*Poverty and Social Inequalities in India*", organized by Department of Sociology, SUK during February 15-16, 2013.

Invited Lectures

47. Delivered a lecture on “*Use of EXCEL in Academic Administration*” in Skill Enhancement Program for Academic Administrators organized by Department of Computer Science, Shivaji University, Kolhapur during April 26-30, 2021.
46. Delivered a lecture on “*R-Programming*” in one day workshop organized by Vivekanand College, Kolhapur to B.Sc.(Statistics) students on February 23, 2021.
45. Delivered a lecture on “*POs and COs Mapping*” in one day workshop organized by Vivekanand College, Kolhapur to their faculty members on February 9, 2021.
44. Delivered a lecture on “*Sampling Theory*” in the one day Teacher’s workshop on “Revised Syllabus of Statistics for B.Sc.-III Paper XV” organized by Department of Statistics, Adarsh College, Vita and Sponsored by Shivaji University on February 5, 2021.
43. Delivered a lecture on “*R-software*” in the one day Teacher’s workshop on “Revised Syllabus of Statistics for B.Sc.-III Paper XII and XVI” organized by Department of Statistics, RC Shahu College, Kolhapur and Sponsored by Shivaji University on February 1, 2021.
42. Delivered lectures on “*Data Analysis using EXCEL*” in the Pre-Ph.D. course work organized by Department of Technology during December 21-29, 2020.
41. Delivered a lecture on “*Applications of Statistics*” to M.Sc.(Statistics/Biostatistics) students of Department of Statistics, School of Computational Science, Solapur University, Solapur on June 29, 2020.
40. Delivered a lecture on “*Built in Functions in R*” in National Workshop on Statistical Computing using R organized by the Department of Statistics and Applied Mathematics, Central University of Tamilnadu, held during September 15-17, 2021.
39. Delivered lectures on “*Use of EXCEL in Research*” in Inter-disciplinary Research Methodology Workshop on BFSI sector organized by Rajaram College, Kolhapur in association with Sydenham Faculty Development Centre, Mumbai under Pandit Madan Mohan Malviya National Mission for Teaching and Teachers (PMMMNMNTT), MHRD, Government of India during February 20 to March 04, 2020
38. Delivered a lecture on “*Career in Statistics*” to B.Sc. II and III (Statistics) students of The New College, Kolhapur on January 09, 2020.
37. Delivered a lecture in the one day workshop on “*Revised Syllabus of Business Statistics at B.Com.II*” organized by DKASC College, Ichalkaranji in collaboration with Shivaji University on August 31, 2019
36. Delivered lectures on “*Use of EXCEL in Research*” and “*Ch-Square Test*” in Induction Program(IP)/ Faculty Development Programme (FDP) organized by Rajaram College, Kolhapur in association with Sydenham Faculty Development Centre, Mumbai under Pandit Madan Mohan Malviya National Mission for Teaching and Teachers (PMMMNMNTT), MHRD, Government of India during May 8-9, 2019
35. Delivered lectures on “*Data Manipulation using NumPy Library*” in value added course on Python offered to M.Sc. Mathematics Tech. students by Department of Mathematics, Shivaji University, Kolhapur
34. Delivered a series of lectures on “*Stochastic Processes*” in workshop for Preparation for NET/SET Examination organized by Department of Statistics, School of Computational Science, Solapur University, Solapur on March 6, 2019.
33. Delivered lectures on “*NumPy Library*” in value added course on “Python for Data Science” offered to M.Sc. students by Department of Statistics, Shivaji University, Kolhapur
32. Delivered lectures on “*Statistics in Research: Case Studies*” and “*Data Analysis using EXCEL*” Induction Program(IP)/ Faculty Development Programme (FDP) organized by Rajaram College, Kolhapur in association with Sydenham Faculty Development Centre, Mumbai under Pandit Madan Mohan Malviya National Mission for Teaching and Teachers (PMMMNMNTT), MHRD, Government of India during December 11-12, 2018
31. Delivered lectures on “*Stochastic Processes*” to M.Sc.(Statistics) students of P. D. V. P. college Tasgaon on October 28, 2018.

30. Delivered lectures on “Statistical Computing” to M.Sc.(Statistics) students of Solapur University, Solapur on October 27, 2018.
29. Delivered lectures on “Statistical Computing” to M.Sc.(Statistics) students of S. G. M. College, Karad on September 18, 2018.
28. Delivered a lecture on “*Probability Distributions*” in one day Teacher Training Programme “Revised Syllabus of Statistics for B.Sc. I (paper III and IV)” organized by Department of Statistics, Kisan Veer Mahavidyalaya, Wai sponsored by Shivaji University, Kolhapur held on September 8, 2018.
27. Delivered lectures on “*Use of Computer Software’s: SPSS and EXCEL*” during one week value addition course on “Data Mining, Handling and Analysis” on August 28, 2018.
26. Delivered lectures on “*Data Analysis using EXCEL*” in “Ph.D. Bridge Course” organized by Department of Journalism and Mass Communication, Shivaji University, Kolhapur during May 14-23, 2018.
25. Delivered a lecture on “*Working with EXCEL and SPSS*” in “Ph.D. Bridge Course” organized by Department of Education, Shivaji University, Kolhapur during, May 14-23, 2018.
24. Delivered a lecture on “*Jobs and Higher Education in Statistics*” in Science Seminar organized by Yashwantrao Chavan College of Science, Karad on January 17, 2018.
23. Delivered a lecture on “*R-Software*” to B.Sc. III students of Kisan Veer Mahavidyalaya, Wai under Lead College Scheme of Shivaji university on January 15, 2018.
22. Delivered series of lectures on “*Data Analysis Using MINITAB*” in two days workshop organized by Yashwantrao Chavan Institute of Science, Satara on October 9, 2017
21. Delivered a series of lectures on “*Graphical Representation, statistical averages, dispersion and correlation using EXCEL*” in “Ph.D. Bridge Course in Hindi” organized by Department of Hindi, Shivaji University, Kolhapur on May 5, 2017.
20. Delivered a series of lectures on “*Statistical Methods using EXCEL and SPSS*” in “Ph.D. Bridge Course in Education” organized by Department of Education, Shivaji University, Kolhapur during 6-7 April, 2017.
19. Delivered a series of lectures “Stochastic Processes” in workshop for Preparation for NET/SET Examination organized by Department of Statistics, School of Computational Science, Solapur University, Solapur during 17-18 February, 2017.
18. Delivered a lecture on “*Statistics for Society*” in one day workshop on “Statistics for Society” organized by Balasaheb Desai College, Patan under the lead college scheme of Shivaji University, Kolhapur on January 20, 2017.
17. Delivered series of lectures in A Workshop on “Statistical Data Analysis using SPSS” organized by Department of Statistics, Shivaji University, Kolhapur during December 26-31, 2016.
16. Delivered a lecture on “*Working with EXCEL and SPSS*” in six days “Faculty Development Programme” organized by Department of Education, Shivaji University, Kolhapur during October 03-08, 2016.
15. Delivered a lecture on “*Use of SPSS and EXCEL in Data analysis*” in two days state level workshop on “Research Methodology, Quantitative Techniques and Computer Application in Research” organized by Department of Economics, Shivaji University, Kolhapur during September 29-30, 2016.
14. Delivered series of lectures in A Workshop on “*Statistical Data Analysis using SPSS*” organized by Department of Statistics, Shivaji University, Kolhapur during June 6-11, 2016.
13. Lecture on “*Job Opportunities for Statistics Students*” to B.Sc.II and III students of Mudhoji College Phalton under Lead College Scheme of Shivaji university on February 2, 2016
12. Delivered a lecture in the workshop on “*Introduction to R-Software*” organized by SGM College, Karad for B.Sc. III students on December 28, 2015
11. Lecture on “*Application of Simulation*” to M.Sc. I (Statistics) students of Yashwantrao Chavan Institute of Science, Satara on October 30, 2015

10. Delivered a lecture in the one day workshop on “*Revised Syllabus of B.Sc.-III Statistics Practical*” organized by Department of Statistics, Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon in collaboration with Shivaji University on September 30, 2015
9. Delivered a lecture on “*Multinomial and Power Series Distribution*” in the one day Teacher’s workshop on “Revised Syllabus of Statistics for B.Sc.-III Paper IX to XII” organized by Department of Statistics, Ajara Mahavidyalaya, Ajara and Sponsored by Shivaji University on August 25, 2015
8. Delivered a lecture on “*Introduction to R-Software*” in the one day workshop on “R-Software” organized by YCIS, Satara under Lead College Scheme of Shivaji University on February 5, 2015
7. Delivered a lecture on “*Fitting of straight line, second degree curve and sketch of probability density function using MSEXCEL*” in the One Day Workshop on “Statistics using MSEXCEL” organized by Ajara Mahavidyalaya, Ajara under Lead College Scheme of Shivaji University on January 24, 2015
6. Delivered series of lectures on “*Matrix Algebra and Numerical Methods using R*” in UGC sponsored Training Program on “Computational Statistics using R” organized by Department of Statistics, Shivaji University, Kolhapur during November 17-22, 2014
5. Lectures on “*Measures of Central Tendency and Dispersion*” for M.Sc. students in Department of Botany, Shivaji University under NET/SET coaching scheme, on March 4, 2014.
4. Lecture on “*Opportunities in Statistics*” for B.Sc. (Statistics) students in Yashwantrao Chavan College of Science, Karad on February 26, 2014.
3. Delivered series of talks on “*Data manipulation, Data import-export and Matrix operation in R*” in National Workshop on “Statistical Computing”, organized by Department of Statistics, Solapur University, Solapur during September 21 -23, 2013.
2. Lectures on “*Statistical Methods*” for M.Sc. students in Department of Zoology, Shivaji University under NET/SET coaching scheme on **August 28, 2012**, on **January 26, 2014**, during **December 1-2, 2014** and also on **March 1, 2016**.
1. Series of lectures on “*Bayesian Inference*” for M.Sc. students in Department of Statistics, Shivaji University under NET/SET coaching scheme during June 26 - August 9, 2012.

Participation in Conferences/ Workshops/ Seminars

11. Participated in workshop on “Machine Learning for Remote Sensing Data Classification” organized by DKASCC, Ichalkaranji under Indian Institute of Remote Sensing Outreach Programme on July 17, 2020.
10. Participated in Pre-Conference workshop on “Introduction to Optimal Transport and Statistics, Machine Learning Concepts and Applications for Big and High Dimensional Data” organized by SPPU, Pune on January 2, 2019.
9. Participated in state level workshop on “*Exploratory Data Analysis*” organized by Department of Statistics, Balwant College, Vita on January 7, 2017.
8. Participated in One day National Conference on “Recent Trends in Mathematics and Statistics” organized by Department of Mathematics and Statistics, D. P. Bhosale College, Koregaon on February 13, 2016.
7. Attended National Workshop on “Inference in Stochastic Processes” organized by Department of Statistics and Centre for Advanced Studies, S. P. Pune University, Pune during February 23-26, 2015.
6. Attended workshop on “Statistics Careers in Clinical Trials” organized by Cytel Statistical Software and Services Pvt. Ltd. Pune and S. P. Pune University, Pune on December 14, 2014.
5. Participated in Orientation Programme for Newly Recruited Teachers of Shivaji University on Advances in Teaching-Learning Strategies and Professional Development Organized by Department of Education Shivaji University, Kolhapur during September 2-3, 2014.

4. Attended NAAC Sponsored two days State level conference “*Role of Research, Consultancy and Extension in Higher Education*” organized by Padmabhushan Dr. Vasantraodada Patil Mahavidyalaya, Tasgaon (Sangli) during November 29-30, 2013
3. Attended International Conference “*Statistics, Science and Society: New Challenges and Opportunities*”, organized by International Indian Statistical Association during January 2-5, 2013 at Chennai.
2. Attended the National Workshop on “*Reliability, Survival Analysis and Industrial Statistics*”, organized by Department of Statistics, University of Pune during November 9-10, 2012.
1. Attended National Seminar on “*Recent Development in Statistical Modeling*”, organized by Department of Statistics, SUK during October 12 -13, 2012.

Orientation/Refresher/Faculty Development program etc

7. Participated Online Two - Week “*Refresher Course/Faculty Development Programme in Statistics on the theme Applications of Statistical Techniques in Real World*” organized by Teaching Learning Centre, Rammanujan College University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malviya National Mission for Teaching and Teachers (PMMMNMNTT) during May 1-15, 2021.
6. Participated in “*Refresher Course in Statistics*” conducted at Department of Statistics, Shivaji University, Kolhapur on behalf of UGC-Human Resource Development Centre (HRDC), Savitribai Phule Pune University, Pune during February 25 – March 09, 2020.
5. Participated in “*Refresher course*” on “*Statistics and Research Methods*” at UGC-HRDC, University of Kerala, Thiruvananthapuram during May 24 – June 13, 2018
4. Participated in two days *Faculty Development Programme (FDP)* on “*C and C++ : Industry Perspective*” organized by Department of Computer Science and Quick Heal Foundation, Pune during July 14-15, 2017.
3. Participated in five days “*Android Developer Fundamentals Faculty Training*” organized by Department of Computer Science, Shivaji University in association with Google during July 4-8, 2017.
2. Participated in “*Orientation Programme*” organized by Department of Technology, Shivaji University, Kolhapur on behalf of UGC-Human Resource Development Centre (HRDC), Savitribai Phule Pune University, Pune during December 2-29, 2016
1. Participated in “*Faculty Development/Skill Development Orientation/Workshop*” organized by NSS, Shivaji University, Kolhapur during November 2-6, 2015.

Organization of the Conferences/ Workshops/ Seminars

Department level:

6. Organized a lecture of Mr. Bhagwat Jadhav, Manager, Cognizant on the topic “*Digital Analytics*” on September 12, 2020.
5. **Coordinator**, one day workshop on “*Effective Data Visualization using Tableau*” on February 08, 2020
4. **Coordinator**, One day workshop on “*Computer Vision with Python*” organized by the Department of Statistics, Shivaji University, Kolhapur on March 24, 2019.
3. **Coordinator**, one Day workshop on “*Statistics in Manufacturing Domain*” organized by the Department of Statistics, Shivaji University, Kolhapur on March 24, 2018.
2. **Coordinator**, one day workshop on “*Introduction to Python*” organized by the Department of Statistics, Shivaji University, Kolhapur on August 20, 2017
1. **Coordinator**, one day workshop on “*Statistical Data Analysis using StatisticaTM*” organized by Department of Statistics, Shivaji University, Kolhapur in collaboration with StatSoft India on March 10, 2016.

State/National level:

11. **Convener**, A Two-day Symposium on “*Statistical Exploration of Real Problems*”, organized by Department of Statistics, SUK during February 23-24, 2024.
10. **Convener**, International Symposium on “*Nonparametric Statistical Methods*” organized by Department of Statistics, SUK during November 12, 2022.
9. **Coordinator**, National level webinar on the occasion on Birth Anniversary of Prof. P. V. Sukhatme organized by Department of Statistics, Shivaji University, Kolhapur in association with SUSTA on July 27, 2021
8. **Convener**, UGC sponsored two day National Seminar on “*Advances in Statistical Modeling and Inference*” organized by Department of Statistics, Shivaji University, Kolhapur during February 14-15, 2020
7. **Member**, Two Days National Seminar on “*Statistical Modeling and Applications*” organized by Department of Statistics, Shivaji University, Kolhapur during February 23-24, 2018
6. **Member**, Organizing Committee of UGC sponsored two day National conference on Applied Statistics and Informatics organized by Department of Statistics, Shivaji University, Kolhapur during March 10-11, 2017
5. **Member**, Organizing Committee of UGC sponsored two day National conference on Applied Statistics organized by Department of Statistics, Shivaji University, Kolhapur during March 11-12, 2016
4. **Member**, organizing committee of a National Symposium on “*Business Analytics and Data Mining*” organized by Department of Statistics, SUK during March 22-23, 2014.
3. **Convener**, National Workshop on “*Research Methodology in the Area of Social Exclusion and Discrimination*” organized by Centre for the Study of Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur during August 30-31, 2013.
2. **Member**, organizing committee of the One-Day state level Workshop on “*Participation of Women in Panchayati Raj Institutes*” organized by Centre for the Study of Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur on August 13, 2013.
1. **Member**, organizing committee of the two-day state level Workshop on “*Role of Social Scientists, Activists, Social Workers in Grass-root level Intervention for the Upliftment of Marginalized Communities*” organized by Centre for the Study of Social Exclusion and Inclusive Policy, Shivaji University, Kolhapur during February 12-13, 2013.

Professional Memberships

1. Indian International Statistics Association (IISA)
2. Indian Society for Probability and Statistics (ISPS)
3. Shivaji University Statistics Teachers’ Association (SUSTA)
4. Shivaji University Post Graduate Teachers’ Association (SUPTA)