

Name: Alok Deepak Dabade

Present designation: Assistant Professor

Present employer: Department of Statistics, University of Mumbai, Mumbai

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Academic qualification:

Examination passed	College/University	Year of passing	Subjects	Percentage /class
B.Sc.	Sangmeshwar college, Solapur (Shivaji University)	1998	Statistics	First
M.Sc.	University of Pune	2002	Statistics	Higher second
State Eligibility Test (S.E.T.)	University of Pune	2003	Mathematical sciences	-
M.Phil.	University of Pune	Feb.2008	Statistics	A grade
Ph.D.	University of Pune	Oct.2012	Statistics	-

Computer knowledge:

Languages: BASIC, FORTRAN, C, C++

Statistical softwares: MINITAB, MATLAB, SPSS, SAS, R, SYSTAT.

Teaching experience:

Undergraduate:

- i) Lecturer (C.H.B.), Department of Statistics, A. Garware college, Pune (from August, 2003 to 18thDecember, 2005 approved by University of Pune)
- ii) Visiting faculty, Department of Computer Science, H. V. Desai college, Pune, (from July, 2004 to 18thDecember, 2005)
- iii) Assistant Professor, Department of Statistics, Mithibai College, Vile Parle, Mumbai. (19thDecember, 2005 to 21st October, 2013)

Postgraduate:

- i) Visiting faculty, Department of Computer Science, Mithibai College, Vile Parle, Mumbai. (January, 2006 to April, 2008)
- ii) Visiting faculty, Department of Statistics, School of Science, SVKM's NMIMS University (from January, 2008 to May, 2010)
- iii) Visiting faculty, Department of Computer Science, University of Mumbai.

(from June, 2009 to May, 2010)

- iv) Visiting faculty and Coordinator of M.Sc. Statistics course in Mithibai College, Mumbai (affiliated to University of Mumbai) from August, 2012 to June, 2013.
- v) Visiting faculty, Department of Statistics, University of Mumbai. (from July, 2013 to 21st October, 2013)

Courses taught:

Undergraduate:

Descriptive Statistics, Elementary Probability Theory, Design of Experiments, Statistical Ecology.

Post Graduate:

- For M.Sc. (Statistics):
Linear Models, Planning and Analysis of Experiments, Multivariate Analysis. Sampling Theory.
- For M.Sc. (Computer Science):
Simulation Technique
- For Post Graduate Diploma in Applied Statistics and Software:
Linear Models.

Research:

a) M.phil.Dissertation:

Title: Designing and modelling of experiments involving mixtures and their analysis.

Guide: Dr.(Mrs.) S. S. Deo, Department of Statistics, University of Pune.

b) Ph.D. Thesis:

Title: Contributions to the Bayesian inference in shared frailty models.

Guide: Dr. David D. Hanagal, Department of Statistics, University of Pune.

c) Paper presented at conference:

- i. Presented a paper in “National Conference On Recent Trends In Estimation And Optimization Theory And Application.” Organized by Department of Statistics, institute of science, Nagpur on 1st and 2nd January, 2006.
- ii. Delivered a invited talk on “ Modelling of Shared Frailty Models for Bivariate Survival data – a Bayesian approach” in National Seminar organized by Department of Statistics, Sangmeshwar College, Solapur in collaborated with

Department of Statistics, School of Computational Sciences, Solapur University, Solapur on 4th and 5th January, 2013.

- iii. Presented a paper in National seminar organized by Department of Statistics, Fergusson college on 15-16th March, 2013.

Title: Comparison of Weibull and generalized exponential baseline distributions under shared gamma frailty model.

d) List of research papers published in national and international refereed journals:

- i) Hanagal, D. D. and Dabade, A. D. (2012): Modeling heterogeneity in bivariate survival data by compound Poisson distribution using Bayesian approach. International journal of statistics and management systems, 7(1), 36-84.
- ii) Hanagal, D. D. and Dabade, A. D. (2013): Bayesian estimation of parameters and comparison of shared gamma frailty models. Communications in statistics, simulation & computations, 42(4), 910-931.
- iii) Hanagal, D. D. and Dabade, A. D. (2013): A comparative study of shared frailty models for kidney infection data with generalized exponential baseline distribution. Journal of data science, 11, 109-42.
- iv) Hanagal, D. D. and Dabade, A. D. (2013): Compound Negative Binomial Shared Frailty Models for Bivariate Survival Data. Statistics and Probability Letters. Statistics and Probability Letters, 83, 2507 -2515.
- v) Hanagal, D. D. and Dabade, A. D. (2013): Modeling of inverse Gaussian frailty model for bivariate survival data. Communications in statistics - theory & methods, 42 (20), 3744-69.
- vi) Hanagal, D. D. and Dabade, A. D. (2014): Comparison of Frailty Models for Kidney Infection Data under Weibull Baseline Distribution. International Journal of the Mathematical Modelling and Numerical Optimization. 5(4), 342-73.

Resource person:

Sr. No.	Date	Workshop/Seminar	Theme of Workshop/Seminar	Organised by Institute
1	3 rd January, 2010	Workshop	Delivered a lecture on Correlation and Regression, fitting of distributions using R-software	Sangmeshwar College, Solapur.

2	29 th January, 2012	Workshop	Delivered a lecture on statistical techniques using SPSS.	Sangmeshwar College, Solapur.
3	9 th August, 2014	Workshop	Delivered a lecture on Descriptive Statistics	Adarsh College of Arts & Commerce, Kulgaon, Badalapur, Thane.

National/international conference attended/Participated:

Sr. No.	Date	Workshop/Seminar	Theme of Workshop/Seminar	Organised by Institute
FOR THE ACEDAMIC YEAR 2005-06				
1	10 th and 11 th December, 2005	State level Seminar	“Statistical Ecology”	Modern College, Pune.
FOR THE ACEDAMIC YEAR 2006-07				
1	28 th January, 2006	one day seminar	Statistical Application related to Data Analysis	Dept of Statistics, Uni. of Mumbai.
2	31 st May to 2 nd June, 2007	International conference	-	Dept of Statistics, Uni of Mumbai.
3	8 th to 10 th December, 2007	National workshop	Recent trends in Statistics	Modern College, Pune.
FOR THE ACEDAMIC YEAR 2007-08				
1	4 th to 6 th August, 2007	National conference	National conference in Industrial Statistics and Bio-Statistics”	Dept of Statistics, University of Pune.
2	13 th to 15 th November, 2007	Three day workshop	Three day workshop on “SYSTAT software	Dept of Statistics, University of Pune
3	28 th April, 2008	Workshop	Elements of Operations Research (Applied Component) at T.Y.B.COM.	Mulund College, Mumbai.
FOR THE ACEDAMIC YEAR 2008-09				
1	20 th September, 2008	Seminar	Recent Developments in Statistics	Dept of Statistics, Uni. of Mumbai.
2	13 th December, 2008	Meeting	To finalize paper pattern in the subject of “Elements of Operations Research” at T.Y.B.COM.	S.K. Somaiya College, Mumbai.
3	16 th and 17 th April, 2009	National Seminar	Recent Developments in Statistics	S.B.Arts and K.C.P. Science College, Bijapur.

FOR THE ACEDAMIC YEAR 2009-10				
1	21 st to 23 rd December, 2009	International Conference	Recent developments in Probability and Statistics	Dept of Statistics, University of Pune.
FOR THE ACEDAMIC YEAR 2010-11				
1	5 th and 6 th May, 2010	Workshop	Revised syllabus of T.Y.B.Sc. and T.Y.B.A.	K.J. Somaiya College, Mumbai
2	25 th to 27 th November, 2010	Workshop	Reliability Theory and Survival Analysis	Dept of Mathematics, IIT, Mumbai
3	29 th January, 2011	Workshop	Revised Syllabus of T.Y.B.Sc.(Practicals)	R.Jhunjunwala College, Mumbai.
FOR THE ACEDAMIC YEAR 2011-12				
1	21 st June, 2011	Workshop	On syllabus of F.Y.B.Sc.(Revised for Credit Based Semester and Grading system) in Statistics.	B.N.Bandodkar College of Science, Thane.
2	16 th and 17 th January, 2012	Workshop	Two days workshop on “R” software	Dept of Statistics, Uni. of Mumbai.
4	29 th February, 2012	National workshop	Applications of Mathematics and Statistics in Research Methodology	Yashwantrao Mohite college, Pune.
FOR THE ACEDAMIC YEAR 2012-13				
1	8 th October, 2012	Half day workshop	Academic Performance Indicator	N.M. College and J.M. Patel College, Mumbai
2	9 th and 10 November, 2012	National workshop	Reliability, Survival Analysis and Industrial Statistics	Dept of Statistics, University of Pune.
FOR THE ACEDAMIC YEAR 2013-14				
1	16 th to 18 th December, 2013	International conference	Role of Statistics in the Advancement of Science and Technology on the occasion of Diamond Jubilee of the Department of Statistics and The International Year of Statistics	Department of Statistics, University of Pune.
FOR THE ACEDAMIC YEAR 2014-15				
1	23 rd to 26 th February, 2015	National Workshop	Inference in Stochastic Processes	Department of Statistics, University of Pune.

Conference/ Workshops/Seminar organised:

Sr. No.	Date	Workshop/ Seminar/Confere nce	Level	Theme of Workshop/Seminar/Conference
01	21 st June, 2014	Workshop	University	“LATEX” for beginners

Other:

- i. Member of syllabus revision committee appointed to T.Y.B.Sc. (Applied component Elements of Operations Research)