

Nileema Nitin Bhalerao, Ph.D.

Present position:

- Associate Professor

Contact Details :



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Work Experience

- Teaching: 21 years
- Research/Industrial: 4 years

Course(s) Taught (Only Titles)

1. Probability Theory
2. Probability Distributions
3. Introduction to Regression Analysis
4. Reliability and Survival Analysis
5. Probability Theory and Discrete Probability Distributions
6. Continuous Univariate Distributions and Applications of Statistics
7. Statistical Quality Control
8. Statistical Computing Using R-Software

Field of Specialization/Areas of Interests

- Regression
- Reliability and Survival Analysis

Education

- **Ph.D. – (Statistics): from 2014 to 2017**
Title of the Thesis: Contributions to The Inference in Software Reliability Models
Name of University / Institution: Savitribai Phule Pune University
Year of Award: April 2017
- **Master of Science/Arts- (Statistics): Year 2000**
University/College: Savitribai Phule Pune University

- **Bachelor of Science- (Statistics): Year: 1998**
College, University, Place **Fergusson College, Pune**

Member of College Committees/ Professional Bodies and Others

College Level	Professional Bodies	Others
<ul style="list-style-type: none"> • Worked as a member Secretary in the committee 'Cell Against Harassment and Atrocities Against Women' 		BOS member, Savitribai Phule Pune University

Employment History

- 1) **Organization : S.P.College, Pune**
Role : Assistant Professor
Duration : August 2000 to December 2000
- 2) **Organization : Fergusson College, Pune**
Role : i) Assistant Professor
Duration : December 2000 to December 2017
Role : ii) Associate Professor
Duration : January 2018 till date

Responsibilities	<ul style="list-style-type: none"> • i) F.Y.B.Sc incharge • ii) T.Y.B.Sc incharge
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Research Publications in National and International Journals

1. Dr. D. D. Hanagal, Dr. Nileema Bhalerao., Analysis of NHPP software reliability growth model. International Journal of Statistics and Reliability Engineering, Feb 2017; 3(2), 53-67,
2. Dr. D. D. Hanagal, Dr. Nileema Bhalerao., Modelling and statistical inference on generalized inverse weibull software reliability model., Journal of Indian Society of Probability and Statistics 17(2), 145-160, Dec 2016
3. Dr. D. D. Hanagal, Dr. Nileema Bhalerao., Modeling on Extended inverse Weibull Software Reliability Growth Model., IAPQR transactions Journal of Indian Association for Productivity, Quality and Reliability. Vol. 42 No. 2
4. Dr. D. D. Hanagal, Dr. Nileema Bhalerao., Analysis of Delayed S-Shaped Software Reliability Growth Model with time Dependent Fault Content Rate Function., 2018 JDS: Journal of Data Science
5. Dr. D. D. Hanagal, Dr. Nileema Bhalerao., Modelling on Generalized Extended Inverse Weibull Software Reliability Growth Model. Journal of data sciences, 17(3) 573-590
6. Dr. D. D. Hanagal, Dr. Nileema Bhalerao., Software Reliability Models, Springer publication 2020

Participation in Conferences/Seminars/Symposia/Workshop:

1. Nileema Bhalerao, Attended International Conference on Celebrating Statistical Innovation and Impact in a world of Big and Small data., Dec 20-24, 2015
2. Nileema Bhalerao, Attended International Workshop on Reliability Theory and Survival Analysis 3-5 Nov 2016.
3. Nileema Bhalerao, Presented Paper, An Analysis of NHPP Software Reliability Growth Model, National Conference on Applied Statistics, Department of Statistics Shivaji University Kolhapur.11 March 2016.
4. Nileema Bhalerao, presented paper, Modelling and statistical Inference on Generalized Inverse Weibull S.R.G.M, National Level Technical Paper presentation, PDEA's College of Engineering, Pune, In Association with BCUD, SPPU,2018

Course Content Developed (e-content)

Prepared ppts based on course content for F.Y.B.Sc, S.Y.B.A and T.Y.B.Sc class

Consultancy Services

Worked as a Coordinator for the consultancy Project with KPIT Technologies Limited