

## Faculty Profile



**Name:** Ms. Rutuja Anil Joshi

**Designation:** Assistant Professor,  
Department of Statistics  
M.E.S Abasaheb Garware College, Pune - 04

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**Date of Birth:** 4<sup>th</sup> July 1985

### Education:

Qualification	College	University / Board	A.Y	Score
SET (Mathematical Sciences)	----	----	2013	71.42%
M.Sc Statistics	Department of Statistics, University of Pune	S.P.P.U	2005 - 2007	G.P.A of 6.2 (out of 10)
B.Sc Statistics	M.E.S Abasaheb Garware College, Pune - 04	S.P.P.U	2002 - 2005	93.17%
H.S.C	M.E.S Abasaheb Garware College, Pune - 04	Maharashtra	2001 - 2002	76.00%
S.S.C	M.E.S Bal Shikshan Mandir, Pune - 29	Maharashtra	1999 - 2000	80.53%

### Previous Teaching Experience:

- Assistant Professor (C.H.B) with the Department of Statistics, **M.E.S Abasaheb Garware College, Pune** from A.Y 2013-2014 to A.Y 2018-2019
- Visiting Faculty with SIU's **Symbiosis Center for Management and Human Resource Development, Pune** for the MBA(BA) course for A.Y 2017-2018 and A.Y 2018-2019

- Visiting Faculty with the Department of Microbiology, **D.E.S Fergusson College, Pune** from A.Y 2012-2013 to A.Y 2017-2018 for the course M.Sc Microbiology
- Visiting Faculty with **SIU's Symbiosis College of Nursing** for A.Y 2014-2015 for the course B.Sc Nursing
- Assistant Professor (C.H.B) with the Department of Statistics, **D.E.S Fergusson College, Pune** from A.Y 2012-2013 to 2014-2015
- Visiting Faculty with **SIU's Symbiosis Center for Management and Human Resource Development, Pune** for the MBA course for A.Y 2013-2014
- Visiting Faculty with **SIU's Symbiosis Center for Management and Human Resource Development, Pune** for the Ex. MBA course for A.Y 2012-2013
- Lecturer in Statistics at **M.E.S Abasaheb Garware College, Pune** for A.Y 2010-2011
- Lecturer in Statistics working with **MAEER's Arts, Commerce and Science College, Pune** for F.Y.B.Sc for A.Y 2009-2010
- Visiting Faculty with **SIU's, Symbiosis Institute of Business Management (SIBM), Pune** for A.Y 2009-2010
- Visiting faculty with **Bharti Resources Learning Centre, Pune** for the 1<sup>st</sup> year of MBA (Business Applications) for the subject 'Statistical Methods for Business Economics' for A.Y 2008-2009
- Visiting Faculty with **MAEER'S MIT COLLEGE OF MANAGEMENT (YCMOU Study Center), Pune** for the 1<sup>st</sup> year of BBA for A.Y 2007-2008 for the subject 'Quantitative Techniques'.

### **Subjects Taught:**

- Design of Experiments (T.Y.B.Sc Statistics) [Currently Teaching]
- Applied Statistics (T.Y.B.Sc Statistics Minor) [Currently Teaching]
- Testing of Hypothesis (T.Y.B.Sc Statistics)
- Sampling Methods (T.Y.B.Sc Statistics)
- Theory of Estimation (T.Y.B.Sc Statistics)
- Statistical Computing using R Software (T.Y.B.Sc Statistics)
- Statistical Process Control (T.Y.B.Sc Statistics)
- C Programming (T.Y.B.Sc Statistics)
- Introduction to Python (T.Y.B.Sc Statistics)

- Operations Research (T.Y.B.Sc Statistics)
- Continuous Probability Distributions (S.Y.B.Sc Statistics)
- Statistical Methods and Testing of Hypothesis (S.Y.B.Sc Statistics)
- Discrete Probability Distributions, Time Series and R Software (S.Y.B.Sc Statistics)
- Descriptive Statistics (F.Y.B.Sc Statistics)
- Discrete Probability and Probability Distributions (F.Y.B.Sc Statistics)
- Statistical Methods for Business Economics (MBA)
- Quantitative Methods (MBA)
- Quantitative Biology (M.Sc Microbiology)
- Biostatistics (B.Sc Nursing)
- Quantitative Techniques (BBA)

#### **Achievements:**

- Secured **first** rank in the order of merit in the **University Of Pune** at **B.Sc (Statistics)**
- Secured **first** rank in the order of merit in **M.E.S Abasaheb Garware College, Pune** at the degree examination amongst the faculties of Science as well as Arts.
- Stood **highest** in the subject STATISTICS in **S.Y.B.Sc** in **M.E.S Abasaheb Garware College, Pune** having secured 89.66 % marks.
- Awarded by UGC, the **UGC Post Graduate Merit Scholarship for University Rank Holder (2005-06)**.

#### **Workshops and Conferences Attended:**

- Invited as a **Resource Person** in '*National Workshop on Research Methodology and Statistical Analysis*' organized by VPM's Maharshi Parshuram College of Engineering Velneshwar; in February 2020.
- Participated in a one-day workshop on '*Revised Syllabus of T.Y.B.Sc (Statistics)*' organized by SP College, Pune under financial assistance from UGC; in August 2015
- Participated in a two-day workshop held in SP College, Pune on '*Syllabus Revision of T.Y.B.Sc/ B.A Statistics (Principal)*' organized by Dept. of Statistics and sponsored by BCUD, SPPU; in November 2014.
- Participated in a two-day workshop on '*Revised Syllabus of S.Y.B.Sc (Statistics)*' organized by MES Abasaheb Garware College, Pune

- Worked as member of the Organizing Committee for a two-days National Conference on '*Modern Analytical Techniques in Microbiology*' organized by D.E.S Fergusson College, Pune - 411 004; in January 2014
- Worked as member of the Organizing Committee for a two-days National Workshop on '*Recent Trends in Applied Statistics: An Interdisciplinary Approach*' organized by D.E.S Fergusson College, Pune - 411 004; in March 2013

**Other Credentials:**

- Member of Sub-Committee of the Board of Studies of SPPU (SYBSc Practicals)
- Member of F.Y.B.Sc. admission committee for three years.
- Class Guardian of F.Y.B.Sc (Division A) of the college for A.Y 2019-20, A.Y. 2024-25.
- Have been working as paper setter, examiner and moderator for UG examinations (Statistics) of SPPU.
- Coordinator of STAT 'O' FEST, an annual departmental activity organized by the department of Statistics.
- Designed the Revised Syllabus for Biostatistics (under Academic Autonomy) for M.Sc Microbiology at D.E.S Fergusson College, Pune - 411 004.
- Worked as a Subject Expert for Statistics for B.A and B.Sc Statistics Examinations at D.E.S Fergusson College (Autonomous), Pune and S. P. College, Pune.

**Knowledge of Computers:**

- Well versed with Microsoft Office, C language and R-Software, Python.
- Familiar with the packages-MINITAB, MATLAB, SPSS and SAS.

**Strengths:**

- Effective Communication Skills.
- Ability to motivate students to learn by relating theory to real life situations.
- Meticulous planning with accuracy and attention to detail in all tasks.
- Patience, Persistence, Perseverance and Determination.
- Excellent Leadership Skills.