

Dr. Savitha
Lecturer, Dept. of Statistics

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Working at Poornaprajna College since: 2021

Previously held positions/offices

- Coordinator of first digital evaluation process for semester examinations conducted by V.T.U. at Shree Devi Institute of Technology, Mangalore (June – July 2011)
- Coordinator of Time-table committee and examination section at Shree Devi Institute of Technology, Mangalore (2007 – 2011 and 2014 – 2019)

Educational Qualification

- Ph.D. in Statistics, Mangalore University (2020)

Work experience

- Assistant Professor and HOD of Mathematics Department at Shree Devi Institute of Technology, Mangalore (2006-2019)
- Lecturer in Department of Mathematics at Moodlakatte Institute of Technology, Kundapur (March 2006 – July 2006)
- Lecturer in Statistics at Vijaya College, Mulki (2002 – 2006)
- Lecturer in Statistics at Bhandarkars' Arts and Science College, Kundapur (1992 – 2002)
- Part – Time Lecturer in Statistics at GovindaDasa College, Suratkal. (July 1992 – Nov. 1992)

Areas of interest (Academic)

LATEX, MATLAB, MATHEMATICA, R Programming, Python, SPSS, Excel.

Research Publications

- Savitha and Dr. K. K. Achary. (2016). An integrated production-inventory model with Weibull deterioration and stock-dependent demand under JIT production system. *International Journal of Science, Engineering and Technology Research*, 5(10), 3003-3008.
- Savitha and Dr. K. K. Achary. (2017). A single-vendor single-buyer integrated inventory model for deteriorating items with ramp type demand. *Current Trends in Technology and Science*, 6(VI), 806-811.
- Savitha and Dr. K. K. Achary. (2019). An integrated vendor-buyer production inventory system for deteriorating items with time varying demand and shortages for buyer. *International Journal of Applied Engineering Research*, 14(12), 2873-2882.
- 4. Savitha and Dr. K. K. Achary. (2020). Optimal scheduling of delivery plans in an integrated vendor-buyer inventory model with constant deterioration and three phase ramp type demand. *International Journal of Applied Engineering Research*, 15(10), 1039-1048.

Short-term courses attended

- Participated in a FDP on “Research Methods for Business Management and Social Sciences”, at Sahyadri College of Engineering & Management, Mangalore during 23-29 July 2012.
- Attended a FDP on “Teaching Skills and Ethics in Professional Courses”, at Shree Devi Institute of Technology, Mangalore on 03-08-2012.
- Attended a FDP on “Role of Teaching in New Accreditation Scenario” and “Effective Research for Improving the Quality of Teaching”, at Shree Devi Institute of Technology, Mangalore on 31-01-2013.

- Participated in a AICTE sponsored three day FDP on “Faculty Development Program for Student Induction (FDP-SI)” at Sahyadri College of Engineering & Management, Mangalore during 18-20 June 2018.
- Participated in a AICTE sponsored three day “Executive Leadership Program”, at Shree Devi Institute of Technology, Mangalore from 29-06-2018 to 01-07-2018.
- Participated in a two-day Mangalore University level “SankhyaShasthraShikshana Utsav” at M.G.M. College, Udupi on 2nd and 3rd December 2005.
- Participated in a Webinar on “Statistics in Data Science”, at Poornaprajna College, Udupi on 05-11-2020.
- Participated in a Two-days Webinar on “Awareness of Statistical Softwares (R, Python, SAS, SPSS) in conjunction with the Annual Academic Competitions of ISPS” organized by Indian Society for Probability and Statistics (ISPS) and Department of Mathematics & Department of Statistics, The Madura College, Madurai during 13-14, March 2021.
- Participated in a webinar held on the occasion of World Statistics Day-2020, conducted by Department of PG Studies and Research in Statistics, Mangalore University on 20-10-2020.
- **Refresher course**
Completed Two-Week “Refresher course in Mathematics” organised by the Department of Mathematics, Ramanujan College from 31 August-14 September 2021 and obtained Grade A+.

Seminars/Workshops attended

- Attended a workshop on “Revised syllabus of Engineering Mathematics – I/II”, at Reva Institute of Technology & Management, Bangalore on 09-09-2006.
- Attended a TEQIP sponsored 2 – Day workshop on “Engineering Applications of Mathematical Sciences”, at NMAM Institute of Technology, Nitte on 8th and 9th February 2007.

- Attended a workshop on “Effective Teaching of Mathematics in Engineering Courses”, at Brindavan College of Engineering, Bangalore on 29-07-2010.
- Attended a workshop on “SPSS for Data Analysis”, at Mangalore University on 19-11-2011.
- Attended a workshop on “Pedagogy for Revised First Semester MBA Subjects”, at PES Institute of Technology, Bangalore on 13-10-2012.
- Attended a workshop on “Synergy in Engineering and Mathematics”, at Shree Devi Institute of Technology, Mangalore on 29th and 30th August 2013.