



Dr. Balakrishna. M.sc (Statistics), M.Phil. (Statistics), M.B.A (Finance), Ph. D (Statistics)

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Doddakallasandra, Bengaluru, 560062

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Professional Summary

- Expert Statistics professor with more than 30 years of experience in teaching at the college and University level:
- Distinguished record of publication in academic journals:
- Commitment to helping college students:
- Strong philosophy of teaching and knowledge:
- Different methods of teaching to motivate the students:

Skills

- Exemplary skills in data analysis and research:
- Critical thinking in problem solving:
- Strong oral communicator and lecturer in the classroom:
- Effective written communicator to students and other staff members:
- Excellent coaching, teaching, and motivational skills when working with individual students and encouraging them to work to their potential:
- Friendly and personable making interactions with students and colleagues

Work Experience

Statistics Professor: June 2014 – present

- Visiting Faculty in National College to teach Mathematical applications for Economics, Statistical applications in Economics, Econometrics and Computer application. And also, member of Board of Studies and Board of examiner in Economics for both PG and UG

- Visiting faculty in St Joseph College to give lectures in M.Sc., BIG data analytics. Also, member of Board of studies and Board of examiners for BIG data analytics.
- Visiting faculty in the oxford college to teach statistics for both M.Sc., and B.Sc., statistics courses.
- Member and Chairperson of BOE Statistics (UG) in Bangalore University. Member of BOS Statistics in Bangalore University

Head Department of Statistics Professor and Vice Principal: May 1992 – May 2018

- Worked as vice principal and Head of the department of Statistics in Vijaya Evening College.
- Convenor of Golden Jubilee celebration of the college in the year 2017.
- Member of Board of studies and Board of Examiners of Bangalore University for Statistics.
- Visiting Faculty for well-known colleges of the city.
- BOS and BOE member of St. Joseph College (Autonomous).

Education

- Doctor of Philosophy in Statistics from Bangalore University
- Master of Philosophy in Statistics from Annamalai University
- Master of Business administration in Finance from Karnataka State Open University.
- Master of science in Statistics from Bangalore University
- Bachelor of Science in mathematics statistics and Economics in Vijaya Evening College from Bangalore University
- PUC (PCMB) –Dayananda Junior College, Bengaluru. June 1986
- SSLC-Dayananda Boys High School, Bengaluru,

Hobbies and Interests

- Spending leisure time in drawing and painting.
- Expertised in data Analysis using software packages such as SPSS, SAS, MINITAB and R for data analysis for projects and reserch.
- Well versed in MS Office for documentation. MS excel for data analysis computation and MS powerpoint for Presentation.
- Skilled in MS Word for documentation. MS excel for data analysis and computation and MS powerpoint for Presentation.
- Studying the development of computer programming languages starting from BASIC, FORTRAN, up to modern language such as JAVA and PYTHON.
- Learning LaTeX for scintific writing and for presentation.

Publications:

- Harishchandra K and Balakrishna., (2016): "*Estimation of Parameters of Dagum Distribution Software Reliability Growth Model*", International Journal of Engineering Applied Science and Technology, Volume 2, Issue 1, pages 116-120.
- Balakrishna and Harishchandra. K., (2016) "*Imperfect Debugging Software Reliability Growth model for the Rayleigh failure time distribution*", International Journal of Engineering and Computer Science, Volume 5, Issue 12, pages 19520-19526.
- Balakrishna and Harishchandra. K., (2016) "*On software reliability Growth Model with Log logistic failure time distribution*", International Journal of Engineering and Computer Science", Volume 5, Issue 12, pages 19552-19560.
- Harishchandra K., K.M Manjunatha. and Balakrishna., (2016) "*software reliability Model when multiple errors occur at a time*"

including a fault correction process", International Journal of Engineering and Computer Science", Volume 5, Issue 12, pages 19363-19374.

- Harishchandra K and Balakrishna., (2017) "*Estimation of Parameters of a Failure Rate Software Reliability Model with Change Point and Imperfect Debugging*", Far East Journal of Theoretical Statistics, Volume 53, Issue 1, pages 35-45
- Harishchandra K and Balakrishna., (2017) "*Software reliability model when a random number of faults occurring at a time with correction process*", Advances and Applications in Statistics, Volume 50, Issue 4, pages 315-327

Papers presented in conferences:

- Balakrishna and Harishchandra, K., "*Software reliability Model with Random size faults and Exponential fault correction time*" 11th Consortium of Students in Management Research (COSMAR 2011). Department of Management studies, Indian Institute of Science, Bengaluru, India, 21st October 2011.
- Balakrishna and Harishchandra, K., "*Statistical Inference on Software reliability Model when a Random Number of errors are detected at detection time epochs*" National Conference on Advances in Statistical Theory and Applications, Department of Statistics, Bangalore University, Bangalore, Nov. 16 – 18, 2011.
- Balakrishna "*Estimation of Parameters of Linear Failure Rate Imperfect Debugging Software Reliability Model with a Change Point*", Two Day National Conference on Recent Trends in Statistics, P.G and Research Department of Statistics, Salem Sowdeswari College, Salem, Sep 14-15, 2018

Invited talk, Lectures and Subject Expert.

- Invited as a resource person in Statistics to deliver lecture to PU teachers conducted in SURANA college jointly with PU Board Karnataka on 25th July 2009.
- Participated as Subject Expert in the selection committee to recruit lecturers in Statistics in SURANA College on 28th May 2010.
- Delivered Lecture on Sampling Methods and Hypothesis testing Methods as Resource Person in '*Five Day intensive Training and workshop on Quantitative Techniques*', Department of Economics, Maharani's Arts, Commerce and Management College for Women, Bengaluru, July 2013
- Invited talks for workshop on Research Methodology for Ph.D. Students, '*Tests of significance, tests based on t-test, chi-square test and F test*'. Department of Statistics, Bangalore University Bengaluru, March 2013.
- Conducted personality Guest Lecturing class for II PU students in Vidyanidhi Independent PU College, Tumkur on 9th September 2014.
- Invited to give lecture for PU Students in the "Intensive Coaching Classes for II PU students in VVN PU college, Bengaluru on 10th January 2015 and 27th February 2015.
- Participated as Subject Expert in the selection committee to recruit lecturers in Statistics in VVN PU College on 20th June 2016.
- Invited to give lecture for PU Students in the "Interactive Orientation session: II PU Board Examination-Statistics" in the commerce Lecture Series 2015-16 in Jain Vidyaniketan PU college, Bengaluru on 7th January 2017.

- Invited as a resource person for one day Webinar on “Statistics in Business” of commerce club BIZ WIZARD at SADANA college on 19th December 2020.
- Delivered Guest lecture on “Strategies For Better decisions” for MBA students at M S Ramaiah College of Arts, Science and Commerce on 10th June 2023
- Invited as resource person for “One day National level workshop on Economics and Commerce” at The National college Basavanagudi on 29th December 2023.
- Invited to give lecture for PU students on “Statistics after 12” at SRN Adarsh PU college on 3rd December 2024
- Delivered Lecture on “ Career Opportunities in Statistics “ in the statistics work shop 2024 for PU teachers Department of School Education (P U) Karnataka and PES PU College at PES PU college on 17th December 2024

Workshops attended

- Participated in One Day Workshop Effective teaching of statistics’ Department of Statistics, Christ College, Bengaluru, August 2001.
- Participated in One Day Workshop Effective teaching of statistics’ Department of Statistics, Christ College, Bengaluru, September 2002.
- Participated in One Day orientation Program in self-instruction Material [SIM] Development in the subject Statistics, Karnataka State Open University, Mysore, April 2004.
- Attended a one-day workshop on Random number generation techniques and Monte Carlo simulation’, Department of Statistics, Bangalore University Bengaluru, September 2005.

- Attended the workshop for preparing the model question papers for the B.sc 5th and 6th semester, Department of Statistics, Bangalore University Bengaluru, September 2006.
- Attended the Seminar '*Two-Day orientation course on the use of SPSS statistical software*', Department of Statistics, Bangalore University Bengaluru, and September 2007.
- Attended '*Two-Day state inter- university symposium on enhancing research and teaching in statistics*', supported by Vision group of science and technology and Department of Statistics, Bangalore University Bengaluru, march 2010.
- Attended the Seminar '*The role of Official Statistics in Empirical Research and National Development*', Department of Statistics, Bangalore University Bengaluru, June 2010.
- Attended the '*The one-day workshop on R-software*', Department of Statistics, Bangalore University Bengaluru, March 2012.
- Participated in One day National Seminar on " Recent Developments in Statistical Sciences" held on 20th January 2024 at Department of Statistics Karnataka University Dharwad.

Personal Information

- Father Name-Srikantachari
- Mother Name-Savithramma
- Date of Birth-4th April 1967
- Nationality- Indian
- Religion- Hindu
- Caste -Vishwakarma
- Marital status – Married
- Language known- Kannada, English, Hindi.

