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Educational Qualification	: M.Sc., Ph.D. (Statistics) from Pondicherry University
Teaching Experience	: During 2016 – 17: Guest Faculty, Dept. of Statistics, Pondicherry University From May 2017 to till date: Assistant Professor, Dept. of Statistics, IGNTU
Awards Received	: <i>Prof. B. K. Kale Award</i> in an International Conference on Statistics and Information Technology for a Growing Nation
Specialization	: Biostatistics, Classification and Statistical Computing
Technical Skills	: IBM SPSS, SYSTAT, Minitab, R language, LATEX and Mathematica
Paper Presentations/Participation in Conferences	: Research Papers presented in 05 International conferences Research Papers presented in 04 National conferences
Participation in Workshops	: Participated in 10 International and National workshops

Selected Research Publications

1. **S. Balaswamy** and R. Vishnu Vardhan. “*ROC Curve Estimation using the Combination of Generalized Half Normal and Weibull Distributions*”. Journal of the Indian Society for Probability and Statistics, Springer, 17(1), **2016**: 11-23.
2. **S. Balaswamy** and R. Vishnu Vardhan. “*An Anthology of Parametric ROC Models*”. Research & Reviews: Journal of Statistics, 5(2), **2016**: 32-46.
3. **S. Balaswamy** and R. Vishnu Vardhan. “*Influence of shape and scale parameters in estimating the measures of ROC Curve*”. Journal of Applied Probability and Statistics, 11(1), **2016**: 121-127.
4. **S. Balaswamy** and R. Vishnu Vardhan. “*Estimation of Confidence Intervals of a GHROC Curve in the presence of Scale and Shape parameters*”. Research Journal of Mathematical and Statistical Sciences, 3(10), **2015**: 4-11.
5. **S. Balaswamy** and R. Vishnu Vardhan. “*Interface between the ratio β with Area under the ROC Curve and Kullback-Leibler Divergence under the combination of Half Normal and Rayleigh distributions*”. American Journal of Biostatistics, 5(2), **2015**: 69-77.
6. **S. Balaswamy** and R. Vishnu Vardhan. “*Confidence Interval Estimation of an ROC curve: An application of Generalized Half Normal and Weibull distributions*”. Journal of Probability and Statistics, **2015**, Article ID 934362, 8 pages.
7. **S. Balaswamy**, R. Vishnu Vardhan and K.V.S. Sarma. “*The Hybrid ROC Curve and its Divergence Measures for Binary Classification*”, International Journal of Statistics in Medical Research, 4(1), **2015**: 94 – 102.
8. **S. Balaswamy**, R. Vishnu Vardhan and M.B. Rao. “*A Divergence Measure for STROC Curve in Binary Classification*”, Journal of Advanced Computing, Vol. 3 No. 2, **2014**: pp. 68 - 81.