

## Faculty Profile

**Name:** Dr. Pran Kumar M  
**Designation:** Assistant Professor  
**Teaching Areas:** Quantitative Methods  
Operations Research  
Statistical Methods for Business Analytics and Data Science  
**Research Interests:** Multiple comparison test procedures  
Sample sizes and powers of test procedures  
R-programming  
**Education:** Ph.D (Statistics) 2018, Acharya Nagarjuna University  
M.Phil (Statistics) 1996, Acharya Nagarjuna University  
M.Sc (Statistics) 1991, Acharya Nagarjuna University  
B.A (Maths Main), Statistics, Economics) 1988, Acharya Nagarjuna University



### Research/Selected Publication:

1. Pran Kumar, M. and Rao, C.V. (1998). Anom–Type Graphical Method for Testing The Equality of Several Variances, Communications in Statistics – Simulation and Computation, 27, pp. 459 – 468.
2. Rao, C.V. and Pran Kumar, M. (2002). ANOM-type graphical methods for testing the equality of several correlation coefficients, Gujarat Statistical Review, 29, pp.47-56.
3. Pran Kumar, M. and Anjaneyulu, G.V.S.R. (2017). A Comparison Between Sample Sizes for ANOM–Type Graphical Methods for Testing The Significant Difference Among Several Variances, Sankhya Vignan, 13(2), pp. 23 - 34.
4. Pran Kumar, M. and Anjaneyulu, G.V.S.R. (2020). Sample Size Comparison with R-Programming between Two ANOM: Type Methods for Testing the Homogeneity of Variances, Journal of Indian Society for Probability and Statistics, 21, pp.135–154 . <https://doi.org/10.1007/s41096-020-00077-9>.