



Name : A.LOGANATHAN

Designation : ASSOCIATE PROFESSOR

Department : STATISTICS

**Educational Qualifications (Chronologically Reverse):**

- Ph.D., in Statistics, Annamalai University, Annamalai Nagar, 1991
- M.Sc., in Statistics, University of Madras, Madras, 1984
- B.Sc., in Statistics, Salem Sowdeswari College, Salem 636 010, 1982.

**Academic Affiliation:**

- Lecturer in Statistics, Manonmaniam Sunadaranar University, Tirunelveli 627 012. (October 21, 1992 to October 20, 2001)
- Reader in Statistics, Manonmaniam Sunadaranar University, Tirunelveli 627 012. (October 21, 2001 till date)

**Professional Affiliation:**

- Life Member, Indian Society for Probability and Statistics
- Life Member, Indian Bayesian Society
- Life Member, Calcutta Statistical Association

**Training and Consultancy:**

- Attended 11 Training Programmes including one UGC sponsored Orientation Course and two UGC sponsored Refresher Courses
- Consultation is given to students/researchers of other disciplines who approach with specific problems of interest for suggestions, improvements, analysis and interpretation of data

**Area of Research:**

- Bayesian Estimation
- Bayesian Acceptance Sampling Plans
- Bayesian Cluster Analysis

**Guidance to Ph.D., Degree Candidates:**

**Degree Awarded: 02**

**In Progress: 05**

## **Publications:**

### **I Number of Research Papers Published in Refereed Journals:**

International Level : 07 (Seven)                      National Level : 02 (Two)  
Edited Volumes : 05 (Two)

### **Five Papers based on Most Recent/Significance:**

- (1) Single Sampling Plans by Variables Under the Conditions of Exponential Distribution – A Predictive Distribution Approach (with R.Vijayaraghavan and K.Rajagopal), Journal of Statistics and Applications, 2010, 5(1), Page 27-46.
- (2) Selection of Bayesian Single Sampling Attributes Plans Based on Polya Distribution (with R.Vijayaraghavan and K.Rajagopal) Economic Quality Control, 2009, 24(2), Page 179-193.
- (3) A Procedure for Selection of Gamma-Poisson Single Sampling Plans by Attributes (with R.Vijayaraghavan and K.Rajagopal), Journal of Applied Statistics, 2008, 35 (2), 149 – 160.
- (4) A Study on the Behaviour of Operating Characteristic Curves of Sampling Plans Based on Polya Distribution (with R.Vijayaraghavan and K.Rajagopal), American Journal of Mathematical and Management Sciences, 2007, 27 (1 & 2), 111-122.
- (5) Analysis of Operating Characteristic Curves of Gamma-Poisson Sampling Plans (with R.Vijayaraghavan and K.Rajagopal), American Journal of Mathematical and Management Sciences, 2007, 27 ( 1 & 2), 163-177.

### **II Books and Monographs:**

One of the Editors to the following Volumes

- (1) **Recent Trends in Statistical Research**, Publication Division, Manonmaniam Sundaranar University, Tirunelveli 627 012. ISBN: 978-81-908352-8-2. (2010)
- (2) **Higher Education: Its Social Relevance**, Publication Division, Manonmaniam Sundaranar University, Tirunelveli 627 012. (2006)
- (3) **Contributions to Statistical Research**, Publication Division, Manonmaniam Sundaranar University, Tirunelveli 627 012. (2005)

### **III Chapters in Books (Edited Volumes):**

- (1) THREE papers in **Recent Trends in Statistical Research**, Publication Division, Manonmaniam Sundaranar University, Tirunelveli 627 012. ISBN: 978-81-908352-8-2. (2010)
- (2) ONE paper in **Contributions to Statistical Research**, Publication Division, Manonmaniam Sundaranar University, Tirunelveli 627 012. (2005)

**Awards: Nil**

### **Declaration**

I, hereby, declare that the information provided above is true to the best of my knowledge.

(Head of the Department)

(Signature of the Faculty)