



**Name** : Dr. R. Sasikumar  
**Designation** : Assistant Professor  
**Department** : STATISTICS  
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**Educational Qualifications (Chronologically Reverse):**

- Ph. D., (2008) in Statistics, Manonmaniam Sundaranar University, Tirunelveli, India.
- M.Phil., (2001) in Statistics, Manonmaniam Sundaranar University, Tirunelveli, India.
- M. Sc., (2000) in Statistics, Manonmaniam Sundaranar University, Tirunelveli, India.

**Academic Affiliation:**

- Assistant Professor, Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli, Nov. 2010 to till date
- Assistant Professor (selection grade), Department of Mathematics at B. S. Abdur Rahman University, Chennai, Aug. 2010 to Nov. 2010
- Senior Lecturer, Department of Mathematics, SRM Valliammai Engineering College, Chennai, July 2008 to July 2010
- Lecturer, Department of Mathematics, National Engineering College, Kovilpatti, June 2006 to June 2008.

**Professional Affiliation:**

- Life Member in Indian Society for Probability and Statistics (ISPS)
- Life Member in Indian Society for Technical Education (ISTE)
- Annual Member in Indian Science Congress Association (ISCA)

**Area of Research:**

- Stochastic Process and its Applications
- Statistical Quality Control and Reliability

## **Research Project:**

### **UGC-MAJOR RESEARCH PROJECTS : ON GOING – 01**

**“SOME CONTRIBUTIONS TO STATISTICAL QUALITY CONTROL IN PUBLIC HEALTH AND EPIDEMIOLOGY”**  
funded by UGC under the scheme of MRP, New Delhi, 2011 (Principal Investigator), Rs. 5,61,800/-

### **UGC-MINOR RESEARCH PROJECTS : ON GOING – 01**

**“A STATISTICAL MODELING ON WOMEN EMPOWERMENT OF SELF HELP GROUPS ”** Funded by the  
Manonmaniam Sundaranar University, Tirunelveli-627 012, 2011 (Principal Investigator). Rs. 40, 000/-

**M.Phil., Project:** On going : 03

## **Publications:**

Refereed International / National level journals : 02  
International Level Conference Proceedings : 01  
National level Conference Proceedings : 09

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

1. **SASIKUMAR. R** (2011) “An enhanced applications of Brownian motion to Mathematical Finance in Stochastic modeling” in the **Journal of Interdisciplinary Mathematics**, 14(4), 471-481, ISSN: 0972-0502, New Delhi, India (National).
2. **SASIKUMAR, R** (2011) “ Applications of stochastic models in Insurance” in *Recent Trends in Statistics and Computer Applications* (Editors: K.Senthamarai Kannan and A.Loganathan), Publication Division, Manonmaniam Sundaranar University, Tirunelveli, INDIA.
3. **SASIKUMAR, R and A.KACHI MOHIDEEN** (2011) “Using Fuzzy Distance Approach for Shortest Path Problem in Network Flow ” in *Recent Trends in Statistics and Computer Applications* (Editors: K.Senthamarai Kannan and A.Loganathan), Publication Division, Manonmaniam Sundaranar University, Tirunelveli, INDIA.
4. **SASIKUMAR.R** (2010) “Enhanced path properties of Brownian motion ” in the **Journal of Engineering and Applied Sciences**, 5(6), 382-387, ISSN: 1816-949X, Pakistan (International).
5. **SASIKUMAR, R** (2007) “Certain results on Brownian motion with a random drift in stochastic modeling” in *Mathematics, Computing and Modeling*, Allied Publishers, New Delhi, INDIA.

## **Declaration**

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