Dr. R. Sasikumar M.Sc., M.Phil., Ph.D.,
Assistant Professor

Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli - 627012.

ACADEMIC ACTIVITIES:

- Area of Interest: *Stochastic Process and its Applications & Statistical Quality Control*
- Research Experience   : 19 Years
- Teaching Experience   : 16 Years
- Ph.D., Guidance: Completed=04; Ongoing =04
- M.Phil., Completed   :10
- MRP Completed: 02 (Major=01 and Minor=01)

ADDITIONAL RESPONSIBILITIES:

- Chief Superintendent-University Examinations for University Departments.
- Programme Officer of Youth Red Cross (YRC) of our University Unit
- Liaison officer to the IQAC, Department of Statistics, MSU.

Memberships in Professional Bodies: ISPS, ISTE, ISCA.
Personal Details:
Date of Birth: 03.06.1974
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PROGRAMMES	ORGANIZED	ATTENDED
WORKSHOPS		
SEMINAR	18	90
CONFERENCES		
INVITED TALKS	16	

RESEARCH ACTIVITIES:

RESEARCH PUBLICATIONS:

PUBLICATIONS IN	NO. OF PUBLICATIONS
INTERNATIONAL JOURNALS	35
NATIONAL LEVEL JOURNALS	12
CONFERENCE PROCEEDINGS	08
BOOKS	02

AWARDS/RECOGNITION:

- **BEST FACULTY,** *Department of Mathematics, Valliammai Engineering College (SRM Group), the Academic year 2009-2010.*
- **Gold Medal** *in M.Phil., and* **University First Rank** *in M.Phil.- -April 2001*

SIGNIFICANT PUBLICATIONS:

- **SASIKUMAR.R** and S. Raguraman, (2021), Construction of generalized linear model using environmental factors in Diarrhoea and Cholera diseases, **Ecology, Environment and Conservation**, p S160-S167.
- **SASIKUMAR.R**, and S.Raguraman (2020), "Application of geographically weighted regression to assess risk factors for water pollution related human diseases" in **EurAsian Journal of BioSciences**, Vol. 14, pp.4415-4420, Turkey.
- **SASIKUMAR.R**, *and S.Raguraman (2019), "Fitting a Poison model for the effects of air pollution on cardiovascular disease"in* **Pollution Research,** *Vol. 38(Nov. Suppl. Issue), pp. S11-S17.*
- **SASIKUMAR.R** *and Sheik Abdullah A. (2018), "Comparison Study on Exponential Smoothing and ARIMA Model for the Fuel Price" in* **Logistics, Supply Chain and Financial Predictive Analytics: Theory and Practice, Springer.**
- **SASIKUMAR.R** *and Sheik Abdullah. A (2018), "Vector Autoregressive Approach for Impact of Oil India Stock Price on Fuel Price in India "in* **Communications in Statistics: Case Studies, Data Analysis and Applications**, *Volume 3, Nos. 1-3, 41-47,* **Taylor and Francis**, *UK (SCI Base)..*
- **SASIKUMAR R** *and Bangusha Devi S. (2017) "Performance of three Statistical methods for the Surveillance of birth defect" in* **Journal of Statistics & Management Systems**, *Volume 20, No. 5, 835-846.* **Taylor and Francis**, *UK.*

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