## R. Senthil Kumar

A3, Sun Shine Apartments, Sun Shine Nagar, Mannivakkam Extn, Vandaloor, Chennai - 600 048



Mobile: 98411-98108 Email: statsenthil@gmail.com

### **OBJECTIVE**

To serve in your esteemed organization, contribute something different from others, expand my horizon of knowledge towards the organization with my abilities, hard work and perseverance.

#### **EXPERIENCE**

- Worked as a Research Fellow in Kerala Forest Research Institute (KFRI), Thrissur, Kerala from Nov'03 May'04.
- Worked as a guest lecturer in Government Arts College, Coimbatore from June'04 Sep'04.
- Worked as an Online Tutor in Tutors World Wide India (P) Ltd, Velacherry, Chennai from Sep'04 Mar'05. (Night Shift)
- Worked as a Lecturer in T.J.Institute of Technology, Chennai from Oct'04 Aug'06.
- Worked as a Lecturer in Vel's Srinivasa College of Engineering and Technology, Chennai from Aug'06 Jan'08.
- Worked as a Senior Lecturer in Mohammed Sathak A.J.College of Engineering, Chennai from Feb'08 Jun'09.
- Worked as an Assistant Professor in R.M.K Engineering College, Chennai from Jun'09 May'12.
- Worked as an Assistant Professor in VIT University Chennai Campus from Jun'12 Dec' 19.
- Now, working as an Assistant Professor in Madras Christian College Campus from Dec'19.

### **COMPUTER SKILLS**

- C, C++, MS-OFFICE
- SPSS, R, SAS, PYTHON
- MATLAB

# **PROJECTS**

- Dissertation in "Finite Server Models" M.Sc
- Dissertation in "Inference on Mixtures of Distributions" M.Phil
- Worked in the project "Quantitative Inventory of Non-Wood Forest Products (NWFP's) in Northern Kerala".
- Ph.D Thesis titled as "Clustering of Fuzzy Data Sets using Credibility Theory".

# **EDUCATIONAL QUALIFICATION**

Course	Subject	College / University	Year	Class
	Data Science for Engineers	NPTEL-IIT Madras	2019	88%
TNSET	Mathematical Sciences	Mother Teresa Women's University, Kodaikanal	2017	
Ph.D	Statistics	University of Madras, Chennai	2016	Highly Recommended
M.Phil	Statistics	Loyola College, Chennai – 34	2002-03	70% I class
M.Sc	Statistics	P.S.G College of Arts & Science, Coimbatore.	2000-02	81.03% I class with Distinction (Rank Holder)
B.Sc	Statistics	Govt.Arts College, Udumalpet. Bharathiyar University	1995-98	63.3% I class
H.Sc	-	Govt. Hr. Sec. School, Negamam	1994-95	75%
S.S.L.C	-	Govt.High School, Kaliannanpudur	1992-93	82%

### **ACADEMIC ACTIVITIES**

- Completed short course on **SAS** (**Statistical Analysis System**) in Christian Medical College, Vellore, 09-13 Jun 2014.
- Completed Six-Sigma Green belt certification.
- MATLAB and R coordinator.
- Resource person for Faculty Development Program in Probability and Random Processes programming held at Kumaraguru College of Technology, 11-December 2017.
- Resource person for Faculty Development Program in Probability, Statistics and R programming held at Sri Krishna College of Engineering and Technology, 7-July 2018.

### **PUBLICATION DETAILS**

- Sampath, S. and Senthil Kumar, R. (2013). Fuzzy Clustering using Credibilistic Critical Values, *International Journal of Computational Intelligence and Informatics*, 3(3), 213–221.
- Sampath, S. and Senthil Kumar, R. (2014). Clustering of Fuzzy data using Credibilistic Expected and Critical Values, In: IEEE International Conference on Computer Communication and Systems, India, 176–181.
- Sampath, S. and Senthil Kumar, R. (2015). Rough *k*-means clustering using Credibilistic Critical Values, *International Journal of Data Mining and Emerging Technologies*, **5(1)**, 24–30.
- Sampath, S. and Senthil Kumar, R. (2015). Image Segmentation using Credibility Critical Values, *Journal of Image Processing & Pattern Recognition Progress*, 2(2), 1–10.
- Anitha, S. and Senthil Kumar, R (2017). A study on usage and adpotion of Mobile Banking: Special reference to District Thiruvallur (Chennai), *International Journal in Commerce, IT & Social Sciences*, **4**(7),1-7.
- Sampath, S. and Senthil Kumar, R. (2018). Fuzzy Inventroy Model with Re-order Level, *International Journal of Pure and Applied Mathematics*, **120(8)**, 147-155.
- Senthil Kumar, R and Felix, A. (2019). Fuzzy Single Period Inventory Model, *AIP* conference proceedings, **2095**,030025, 1-7.
- Felix, A and Senthil Kumar, R.(2019). Soft Computing Decision Making System to Analyze the Risk Factors of T2DM, *AIP conference proceedings*,**2112**,020086,1-12...

### WORKSHOP/CONFERENCES/FDP

- Participated in the Workshop on "**Probability and Queueing Theory**" conducted by Anna University from 29'Nov'10 07' Dec'10.
- Attended Mission 10X Faculty Empowered Program at RMK Engineering College, Chennai.

- Participated in National level workshop on "Recent Advances in Mathematical Computing", VIT University Chennai, 30 Nov-01 Dec 2012.
- Participated in National Conference on Recent Trends in Mathematical Computing 2013,
   VIT University Chennai, 23-24 Aug 2013.
- Paper presented in IEEE International Conference on Computer Communication and systems, Saveetha Engineering College, Chennai, 20–21 Feb 2014.
- Paper Presented in International Conference on Mathematical Computer Engineering–2017(ICMCE-2017), Vellore Institute of Technology, Chennai, 3–4 November 2017.
- Paper Presented in National Conference on Mathematical Analysis and Computing (*NCMAC 2018*), SSN Engineering College, Chennai, 13–14 December 2018.
- Attended Faculty Development Programme on Machine Learning and Artificial Intelligence, Vellore Institute of Technology Chennai, 17-23 April 2019.

#### PERSONAL INFORMATION

Father's Name : V. Ramakrishnan

Date of Birth : 11<sup>th</sup> May '1978

Passport Number : G7953136

Sex : Male

Permanent Address : 1/58, Kakkadavu,

Kakkadavu post,

Negamam (via), Kinathukkadavu,

Pollachi - 642120 Coimbatore (Dist).

#### **DECLARATION**

I hereby declare that the above-furnished details are true to the best of my knowledge and belief.

Place: Chennai-48 Yours faithfully,

Date:

(R.SENTHIL KUMAR)