

R. Senthil Kumar
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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

<i>Course</i>	<i>Subject</i>	<i>College / University</i>	<i>Year</i>	<i>Class</i>
	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 adoption 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 Inventory 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.

