

Dr K Senthamarai Kannan

Senior Professor & Head in Statistics, Dean, Faculty of Science

Manonmaniam Sundaranar University

@ senkannan2002@gmail.com 0462-256-3432 Tirunelveli, India
www.senthamaraikannan.blogspot.com/ www.orcid.org/0000-0003-1984-242X
https://www.researchgate.net/profile/Senthamarai_Kaliyaperumal



Profile

Dr. K. Senthamarai Kannan studied his **M.Sc.**, (1987), **M.Phil.**, (1989), and **Ph.D.**, (1994) degree programs in **Statistics** at Annamalai University, Annamalainagar and **M.Tech.**, in CS & IT (2009), **Ph.D.**, in CS & IT (2016) in Manonmaniam Sundaranar University, Tirunelveli. He joined the Department of Statistics, Manonmaniam Sundaranar University as **Lecturer in the year 1991** and was selected to the post of **Reader in April, 1998**. Subsequently, he was **promoted as Professor in April 2006** and also, promoted as **senior Professor in April 2016**.

His area of specialization is "**Stochastic Processes and their Applications**", Dr. K. Senthamarai Kannan was awarded doctoral degree for his dissertation on '**General Bulk Queues**'. The results of his dissertation have applications in many real-life situations, which enable the service providers to reduce the waiting time, queue length and to improve their services optimally. His contributions on this important topic have been referred and cited by many scholars and attracted many young researchers to this field.

He has **published 184 research papers** in various International and National Journals and Proceedings and **presented 169 papers in conferences**, both at National and International levels. He has **authored and edited 10 (Ten) books** on the titles (i) **Introduction to Fuzzy Sets and Fuzzy Logic: Theory and Applications** (With E. Sakthivel), 2018 (ii) **Data Mining for Outlier Detection in Digital Images** (With M. Manikandan), 2016 (iii) **Identifying Outliers in Data Mining** (With K. Manoj), 2016 (iv) **New Methodologies in Statistical Research**, (Edited) (with A. Loganathan), 2012 (v) **Recent Advances in Statistics and Computer Applications** (with A. Loganathan), 2011 (vi) **Recent Trends in Statistical Research** (with A. Loganathan), 2010 (vii) **Introduction to Statistical Methods** (with D. Venkatesan), 2006 (viii) **Contributions to Statistical Research (Edited)**, 2005 (ix) **Business Statistics (Vanikapulliyal) in Tamil**, 1998 (x) **Applications of Some Markovian Queues and Inventory Models** (with R. Sivasamy), 1998.

He has supervised the research works of **39 (Thirty Nine) research scholars till 2020, successfully for the award of their Ph.D's in Statistics** as well as in other diversified fields such as **Data Mining, Image Processing, Bio-informatics, Birth Interval in Human Fertility and Stock Market**. Presently, there are 7(Seven) research scholars under his supervision for Ph.D program in Statistics and inter-discipline of Statistics. He has successfully completed **10(Ten) research projects** funded by the National and International funding agencies under various schemes. The problems discussed in the projects are relevant to the society and for policy making.

He collaborated with academic experts from New York, Sweden for a research project on Tobacco Consumption in Four Nordic Countries (*Norway, Sweden, Denmark and Finland*) which was supported by the Swedish Federation of Commerce. He has submitted a proposal with Prof. Massimo Squillante (Italy) for a **joint research project on Development of New Stochastic Models for Genomic Data Mining under Indo-Italian Program of Cooperation in Science & Technology 2005-2007**. The project proposal has been approved by the DST, GOI. Subsequently, he joined as collaborative initiatives, representatives from Italy, Cambodia and Spain under Asia - Link Project to offer a Master's Course in Quantitative Methods for E-Governance and Quality Evaluation in the Public Sector.

He was awarded **BSR One Time grant** by **UGC, New-Delhi** in 2012, **Young Scientist Award** by Tamil Nadu State Council for Science and Technology in 1996 and **SERC Visiting Fellowship** by the Department of Science and Technology, Govt. of India in 1999. He is a recipient of **Academic Excellence Award** from Manonmaniam Sundaranar University in 2008.

He has gained **EXPERIENCE IN ACADEMIC ADMINISTRATION** as well in the **UNIVERSITY ADMINISTRATION** by shouldering additional responsibilities. In the initial days of his professional carrier, he was the **Academic Co-ordinator** in Manonmaniam Sundaranar University for conducting post-graduate courses in Statistics, Operations Research, Computer Applications, Computer Science and Nuclear Physics during the two formative years of Manonmaniam Sundaranar University. He has been the **Head of the Department** of Statistics for a period of three years and seven months. He served as **Principal in-charge** of MANO College, a constituent college of Manonmaniam Sundaranar University in Puliangudi (Tirunelveli District). He was appointed as **Co-ordinator, National Service Scheme** of Manonmaniam Sundaranar University. He was appointed as **Director, Centre for Research** at Manonmaniam Sundaranar University. Now, he is appointed as **Dean, Faculty of Science** at Manonmaniam Sundaranar University.

He visited **Turkey, Singapore, Malaysia, Hong Kong and Thailand** to participate in academic programmes.

Sr. Prof. K. Senthamarai Kannan has planned ...

- To form a Statistical Research Group for carrying out research projects on socio-economic, demographic, health and environmental problems, to evaluate various welfare policies and programmes of the Government, to conduct training and workshops to project managers, academicians and field workers.
- To prepare status reports on current issues for policy makers and planners.
- To provide consultancy to the researchers from various disciplines in data analysis.
- To collaborate with experts in Computer Science and Information Technology of academic and research organization of International repute.