



Dr. K. SENTHAMARAI KANNAN  
Professor and Head  
Department of Statistics

**Educational Qualifications:**

Ph.D., (Statistics) 1994 :	Department of Statistics, Annamalai University.
M.Phil., (Statistics) 1989 :	Department of Statistics, Annamalai University.
M.Sc., (Statistics) 1987:	Department of Statistics, Annamalai University.
M.Tech., (CS & I.T.,)2009:	Center for Information Technology, MSU, TVL.

**Academic Affiliation:**

From 20.04.2006 to till date : Professor, Department of Statistics, MSU.  
From 20.04.1998 to 19.04.2006 : Reader, Department of Statistics, MSU.  
From 21.02.1991 to 19.04.1998 : Lecturer, Department of Statistics, MSU.

**Professional Affiliation:**

- Life Member in Indian Society for Probability and Statistics (ISPS),
- Member in Indian Science Congress Association (ISCA)
- Indian Society for Information theory and Application (ISITA)
- Indian Bayesian Society (IBS)

**Training and Consultancy:**

Attended Five Training Programmes including one UGC sponsored orientation course and two UGC sponsored refresher courses

**Area of Research:**

Stochastic Processes and Their Applications, Queuing Theory, Bio statistics, Data Mining.

**Research Guidance**

Ph.D., Programme : Completed -11; under Guidance -10  
M.Phil., Programme: Completed -11; under Guidance - 03

**Research Projects: 11**

Major Project : completed - 01; Ongoing - 02  
Minor Projects : completed - 08;

**Books: 04**

- ❖ Recent Trends in Statistical Research, 2010, (jointly with Dr.A.Loganathan) Publication Division, Manonmaniam Sundaranar University, Tirunelveli Tamilnadu, India, ISBN : 978-81-908352-8-2.
- ❖ Introduction to Statistical Methods, 2006, (Jointly with Dr.D.Venkatesan), SCITECH Publications (India) Pvt. Ltd., Chennai. ISBN 81-8371-012-3(pbk.)
- ❖ Contributions to statistical Research, 2005, Publication Division, Manonmaniam Sundaranar University, Tamilnadu, India,

- ❖ Business Statistics (in Tamil), 1998, under the Book Writing Scheme of Tamil Nadu State Council for Higher Education, Chennai, Publication Division, Manonmaniam Sundaranar University, Tirunelveli.

**Publications: 67**

Refereed journals : International level - 30; National level - 06

Conferences Presented : International level - 20; National level - 42

Published in Proceedings : International level - 11; National level – 20

2010	Title Co-author Journal Vol. & Pages ISSN	A framework for Computing Linguistic Hedges in Fuzzy Queries Balamurugan, V. International Journal of Database Management Systems 2 (1), 01-07., 0975 -5985
2010	Title Co-authors Journal Vol. & Pages ISSN	Hibrid Image Compression by Blurring Background and Non-Edges Jacob Vetharaj, Y., Mohamed Sathik, M International Journal of Multimedia & Applications 2 (1), 32-41. 0975-5578
2009	Title Co-authors Journal Vol. & Pages ISSN	Implementation of Contextual Clustering Method for Statistical Parametric Maps in Functional Magnetic Resonance Images Vijayalakshmi, C The International Arab Journal of Information Technology 6(1), 33-39. 1683-3198
2008	Title Co-author Journal Vol. & Pages ISSN	An analysis of the stochastic nature of the evolution of radar signature by comparing observable operator model and hidden Markov model Vijayalakshmi, C Int. Journal of Statistics and Applications 3(1), 87-110 0973-4600
2008	Title Co-author Journal Vol. & Pages	<i>An asymptotic analysis of a queueing model for a call center</i> Vijayalakshmi, C <i>Int'l J. of Business Data Communications and Networking</i> 1(4), Pp 449-461
2007	Title Co-author Journal Vol. & Pages ISSN	Analysis of human fertility using gamma and Weibull distribution Nagaraj, V <i>Journal of Interdisciplinary Mathematics</i> 10(4), Pp 593 – 600 0972-0502
1997	Title Co-author Journal Vol. & Pages Impact factor	Markov Renewal Queues of M/M (a,d)/1/(b,N) System – Part I. Optimization. Sivasamy,R. A Journal of Mathematical Programming and Operations Research. 40, pp. 121-131. 0.915
1997	Title Co-author Journal Vol. & Pages Impact factor	Markov Renewal Queues of M/M (a, d)/1/ (b, N) System – Part II.. Sivasamy,R. A Journal of Mathematical Programming and Operations Research. 40, pp. 133-145. 0.915
1994	Title Co-author Journal Vol. & Pages ISSN Impact factor	Embedded Processes of a Markov Renewal Bulk Service Queue. Sivasamy,R. Asia Pacific Journal of Operational Research. 11(1), pp. 51-65. 0217 – 5959 0.303

**Awards: 03**

- ❖ ACADEMIC EXCELLENCE AWARD (2008)  
by Manonmaniam Sundaranar University, Tirunelveli
- ❖ SERC VISITING FELLOWSHIP (1998).  
by Department of Science and Technology, New Delhi.
- ❖ YOUNG SCIENTIST AWARD (1996)  
by Tamil Nadu State Council for Science and Technology, Chennai.

**Countries Visited:**

Istanbul (Turkey), Malaysia, Singapore, Israel and Hong Kong



**Declaration**

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

(Signature of the Faculty)

(Head of the Department)