Curriculum Vitae

Dr. Sreenivasan Ravi

Professor of Statistics
Department of Studies in Statistics
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Additional Duty held:

1. From July 01, 2015 – Registrar (Evaluation) Incharge, University of Mysore, Crawford Hall, Mysore 570 005, till September 15, 2015.
2. From January 01, 2014 – Finance Officer Incharge, University of Mysore, Crawford Hall, Mysore 570 005, India till June 12, 2014.
3. From April 12, 2013 - Director, Planning, Monitoring and Evaluation Board (PMEB), University of Mysore, Crawford Hall, Mysore 570 005, till July 18, 2016

Contents:

Academic qualifications:

- Post-Doctoral Fellow in Tinbergen Institute of Erasmus University, Rotterdam, The Netherlands during May-October 1993
- Ph.D. in Statistics, 26 December 1992.
  (Title of thesis: Contributions to Extreme Value Theory, Supervisor: Prof. N.R.Mohan),
- M.Sc. (Master of Science) in Statistics, 1984-86.
- B.Sc. (Bachelor of Science) with Physics, Chemistry, Mathematics, 1981-84.
- Post-Secondary Certificate Course, Junior and Senior Diploma in German language (Total Three Years as Evening Course), 1985-87.
- Diploma in Music (Veena) (Two Years as Evening Course), 1988-89.
  (All the above degrees from University of Mysore, Mysore, India).

Research interests:

- Weak and Almost Sure Limit Theorems   Characterization problems
- Extreme Value Theory   Record Values
- Statistics of Extremes   Compound Distributions
- Generalized Pareto & Log-Pareto Distributions   Spacings
- Subexponential and Heavy Tailed distributions   Reliability Theory
- Entropy Limit Theorems   Linear Models
- Ageing classes and Characterizations   Design and Analysis of Experiments
- Regression Analysis

Teaching Experience:

- Professor of Statistics – Since March 2010
- Reader / Associate Professor in Statistics - July 2003 – February 2010
- Senior Lecturer in Statistics-1998-2003,
- Lecturer in Statistics-1997-2003, (All at Dept. of Statistics, Univ. of Mysore, Mysore,)

- Lecturer in Statistics-1994-1997, Dept. of Statistics, Univ. of Bombay.

Courses taught (at M.Phil. and Post-graduate level) :

Measure theory,	Probability theory,	Stochastic Processes,
Real & Complex Analysis,	Matrix Analysis,	Bio-statistics,
Reliability Theory,	Linear Models,	Regression Analysis,
Advanced Probability Theory,	Probability Measures on Metric Spaces,	
Time Series Analysis,	Numerical techniques.	Computational Statistics
Design & Analysis of Experiments		Demography

Academic Honours and Fellowships

- Received DST MATRICS Fellowship for three years from March 2019 for Rs. 2 lakh per year.
- Received UGC Major Research Project (MRP) during 2015-2018 for Rs. 12 lakh.
- Received Travel Grant Award from ICM to attend **ICM 2018** at Rio de Janeiro.
- Chaired a session in Probability in the **International Congress of Mathematicians (ICM) at Hyderabad 2010.**
- Selected as a member of Subcommittee to modify Syllabi of ISS and SSS exams by the National Academy for Statistics Administration (NASA), Ministry of Statistics and Programme Implementation, Govt. of India during 2009.
- University Grants Commission (UGC, New Delhi, India) Visiting Professor at Department of Statistics, Kolkata University – February 2008
- Selected by National Board for Higher Mathematics (NBHM, Department of Atomic Energy, Government of India) to participate in the **First Indo-Brazil Mathematics Symposium held at IMPA, Rio-de-Janeiro, Brazil during July-August 2008.**
- Selected by NBHM to participate in **International Congress of Mathematicians (ICM) in Madrid, Spain during 2006**
- Research Visitor – McMaster University, Hamilton, Canada – July-August, 2003
- Commonwealth Research Fellow (awarded by the Association of Commonwealth Universities (ACU), London, UK) for research work with Prof. C.W.Anderson at the Department of Probbability & Statistics, University of Sheffield, Sheffield, U.K. - October 2001-September 2002.
- NBHM Post-Doctoral Fellow in Indian Statistical Institute (ISI), New Delhi - December 15, 1993 till June 30, 1994
- Post-Doctoral Fellow in Tinbergen Institute, Erasmus University, Rotterdam, The Netherlands - May 01, 1993 till October 30, 1993 for research work with Prof. Laurens de Haan.
- University Grants Commission (UGC, New Delhi, India) Research Fellow at the Department of Statistics, University of Mysore, Mysore, India - 1987 till 1992.
- Resource person in at least 5 UGC Refresher Courses
- Ranked Second amongst 24 students in Post-graduate studies.
- Recipient of Government of India National Merit Scholarship during Graduate & Post-graduate studies

Conferences / Workshops / Summer-Schools participated and Invited Visits (Participated in the following Conferences / Seminars / Workshops / Summer-Schools and Visited places listed below to give Invited Talks)

- Invited Talk entitled `On Tail Equivalence of Distributions and some Recent Applications' at NSSTA 2019, the National Seminar on Recent Trends in Statistical Theory and Applications at the Department of Statistics, Kerala University, Kariavattom, Thiruvananthapuram, Kerala, India during June 27-28, 2019. Talk supported by Government of India DST SERB MATRICS fellowship MTR/2018/001052

- Invited Talk entitled `Extreme Tales of Tails' in National Conference on Trends in Statistics and Applications TISA 2019 at Department of Statistics, Government Arts

College, Coimbatore, on Feb. 25, 2019.

- **ICM 2018** at Rio de Janeiro and presented a contributory talk entitled `On quality of convergence of power normalized maxima of iid random variables' in the Probability and Statistics section, during August 01-09, 2018
- Invited Talk on Linear Models in the Faculty Development Programme held at BMIT and Management, Yelahanka, Bengaluru on June 05, 2018.
- Lectures on Probability and Stochastic Processes XII at ISI Kolkata during December 15-19, 2017.
- Lectures on Probability and Stochastic Processes XI at ISI Delhi during November 25-29, 2016.
- Invited talk at National Conference at Department of Statistics, Shivaji University, Kolhapur, during March 11-12, 2016, `Some results on k-th extremes using tail equivalence'.
- Lectures on Probability and Stochastic Processes X at IISc, Bengaluru during December 14-16, 2015.
- UGC Refresher course at Madras University, Resource person, November 16-17, 2015.
- National Conference at Department of Statistics, Madras University, Chennai, March 17, 2015, Invited talk - `Pareto tale – A tale of Pareto tails'.
- Invited lectures at Department of Statistics, Karnatak University, Dharwad, March 13-14, 2015 on `Cantelli to Bernstein'
- National Seminar at Department of Statistics, Karnatak University, Dharwad – Invited talk on `Pareto tale – A tale of Pareto tails, Feb. 27, 2015
- Lectures on Probability and Stochastic Processes IX at ISI, Kolkata during Dec. 12-16, 2014.
- Lectures on Probability and Stochastic Processes VIII at ISI, Bangalore during Dec. 06-10, 2013.
- National Seminar on Statistical Inference and Stochastic Modelling at Dept. of Statistics, Karnatak Univ. Dharwad during March 15-16, 2013
- International Conference on Recent Advances in Statistics with Application in Finance and Insurance at Rajastan Central Univ. Jaipur during January 22-23, 2013
- International Workshop on Heavy tailed distribu1lons at Indian Statistical Institute Kolkata during January 14-17, 2013
- International Workshop on Topics in Probability at Chennai Mathematical Institute during December 18-20, 2012
- National Conference on Statistics in 20th century at Dept. of Statistics, Kerala Univ. Trivandrum during December 10-11, 2012
- International Workshop on Lectures in Probability and Stochastic Processes at Indian Statistical Institute Delhi during November 29-December 03, 2012
- National Seminar on Recent Developments in Statistics at Shivaji University Kolhapur during October 12-13, 2012
- National Symposium on Statistics and its Applications for Young Researchers, Dept. of Statistics, Madras Univ. during February 24-25, 2012.
- National Conference on Advances in Statistical Theory and Applications, Dept. of Statistics, Bangalore Univ. during November 16-18, 2011.
- UGC sponsored National Seminar on Stochastic Modelling and Analysis, Dept. of Statistics, Cochin Univ. of Science and Technology, Kochi, Kerala, during March 24-25, 2011.
- National Conference on Statistics for Twenty first century and Annual conference of the Kerala Statistical Association, Dept. of Statistics, Univ. of Kerala, Trivandrum, Kerala, during March 17-19, 2011.
- International Conference on Actuarial Statisitcs, Biostatistics and Stochastic Models, Dept. of Statistical Sciences, Kannur Univ., Kerala, on Jan. 13, 2011.
- Lectures on Probability and Stochastic Processes V, Indian Statistical Institute, Bangalore, during December 23-27, 2010

- **ICM 2010** at Hyderabad and chaired a session in Probability and Statistics, during August 18-27, 2010.
- Satellite Meeting of the ICM 2010 at Stat-Math. Unit, Indian Statistical Institute (ISI), Bangalore during August 13-17, 2010.
- Seventh International Triennial Calcutta Symposium on Probability and Statistics during December 28-31, 2009.
- IV Lectures on Probability and Stochastic Processes at ISI, Delhi, during November 20-24, 2009.
- First Research Meeting on the Application of Advanced Computational and Mathematical Methods in Finance at Institute of Financial Management and Research (IFMR), Chennai during Sept. 26-27, 2009.
- 24th Annual Conference of the Ramanujan Mathematical Society t ISI, Bangalore, during May 11-13,2009
- UGC sponsored National Seminar on Recent Developments in Statistics at BLDEA's S.B.Arts and K.C.P. Science College, Bijapur, during April 16-17, 2009.
- Workshop on Random Walks at ISI, Bangalore during December 05-08, 2008.
- III Lectures on Probability and Stochastic Processes at ISI, Kolkata, during November 20-24, 2008.
- The First Indo-Brazil Joint Symposium in Mathematics at IMPA, Rio de Janeiro, Brazil, during 28.07.2008 to August 01, 2008, sponsored by the Department of Science & Technology (DST), Government of India, New Delhi.
- National Seminar on Recent Advances in Statistics and Analysis of Non-conventional Data, Farook College, Kozhikode, Kerala, during 15-17 March 2008.
- Visiting Professor at Dept. of Statistics, Calcutta Univ., during February 18-22, 2008.
- National Conference on Reliability and Statistical Methods at CUSAT, Cochin during January 28-30, 2008.
- International Conference on Stochastic Processes organized by IISc., Bangalore during July 16-20, 2007
- Annual Conference of the Ramanujan Math. Soc. at National Institute of Technology Karnataka, Surathkal during June 06-08, 2007.
- International Conference on Recent Developments in Statistics at Dept. of Stat., Mumbai Univ., Mumbai during May 31-June 02, 2007
- Natl. Conf. on Stochastic Modelling and Statistical Inference at Dept. of Stat., Shivaji Univ., Kolhapur during February 12-14, 2007
- Discussion Meeting of the Indian Academy of Sciences at Coorg during November 28-December 03, 2006 on Financial and Insurance Mathematics.
- SCRA at Tomar, Portugal, September 1-4, 2006
- **ICM 2006** at Madrid, August 22-31, 2006
- National Conf. at Dept. of Statistics, Kolkata Univ., Kolkata during March 2006
- Annual Conf. of the Indian Society for Prob. and Stat. at Dept. of Stat., Bangalore University, Dec. 2005
- Natl. Conf. on Statistical Inference and its Applications at Dept. of Statistics, Shivaji Univ., Kolhapur, Maharashtra - February 24-26, 2005
- Conf. on Recent Advances in Probability and Stochastic Processes at Stat-Math Unit, Indian Statistical Institute, Kolkata – Jan. 10-12, 2005
- Natl. Seminar on Order Statistics and Concomitants held at Dept. of Statistics, Univ. of Mysore - November 26-28, 2004
- Natl. Seminar on Recent Advances in Statistical Theory and Applications, held at St. Thomas College, PAla, Kerala - November 04-06, 2004
- 15th Mid-year meeting of the Indian Academy of Sciences at Bangalore- July 01-03, 2004
- Visited Prof. Clive W. Anderson} and the Univ. of Sheffield, Sheffield, U.K., during Oct. 01, 2001 - Sept. 30, 2002, under the Commonwealth Fellowship Prog. sponsored by the Univ. of Mysore, Mysore, and the Association of Commonwealth Universities, U.K.

- Visited Prof. Ivette Gomes and Univ. of Lisbon, Portugal, during April 29-May 05, 2002
- Visited Prof. Michael Falk and Univ. of Wuerzburg, Germany, during April 23-26, 2002
- Visited Prof. Frank Marohn and Edgar Kaufmann and Catholic Univ. of Ingolstadt and Eichstaett, Germany, during April 15-23, 2002
- Visited Prof. A.A.Balkema and Univ. of Amsterdam, during April 07-14, 2002
- Natl. Seminar on Reliability Theory and its Applications Dept. of Statistics, Univ. of Pune, Pune, India during June 21-23, 2001
- Workshop on Bayesian Inference and its Applications, held at the Indian Statistical Institute, Bangalore, during March 12-16, 2001.
- International Conference on Order Statistics and Extreme Values : Theory and Applications held at the Dept. of Statistics, Univ. of Mysore, Mysore during December 18-20, 2000 Also, worked as a member of the Intl. Org. Comm. in the same Conference.
- Natl. Workshop on Reliability at Dept. of Stat., Univ.of Panjab, Chandigarh – Nov. 2000
- Disc. Meeting of Indian Acad. of Sci. on Stat. Meth. in Decis. Sci. at Coorg – Feb. 2000.
- II Workshop on Appl. Bayesian Meth. in Eco. & Forecasting at ISI, Bangalore-Jan. 2000.
- Discussion Meeting of the Indian Academy of Sciences, Bangalore, on Statistical Methodology in Decision Sciences at Coorg, during February 21-26, 2000.
- Second Workshop on Applied Bayesian Methods in Econometrics and Forecasting at Indian Statistical Institute, Bangalore, during January 10-15, 2000.
- Visited Professor A.A.Balkema and the University of Amsterdam, Amsterdam, The Netherlands, during June 17-24, 1999 and gave a talk on "Extreme Value Limit Laws and Generalised Pareto Distributions".
- Visited Professor Adam Jakubowski and the Department of Mathematics and Informatics, Nicolus Copernicus University, Torun, Poland, during June 09-16, 1999 and gave a talk on "Geometric Max Semistable Laws, Geometric Max Domains of Attraction and of Partial Attraction".
- Visited Professor A.Klopotowski and the University of Paris XIII, Paris, during June 01-07, 1999 and gave a talks on "Geometric Max Semistable Laws, Geometric Max Domains of Attraction and of Partial Attraction".
- Visited Professor Juerg Huesler and the Institute of Mathematical Statistics, University of Bern, Bern, Switzerland during May 10-31, 1999 and gave a talk on "On a Characteristic Property of Extreme Value Laws".
- Visited Professor Michael Falk and the Mathematisch-Geographische Fakultaet, Katholische Universitaet, Eichstaett, Germany, the visit sponsored by the Maximilian Bickhoff Stiftung, Eichstaett, Germany, during April 15 - May 10, 1999 and gave a talk on "On a Property of Extreme Value Laws".
- Visited Professor Rolf-Dieter Reiss and the University of Siegen, Siegen, Germany, on May 04, 1999 and gave a talk on "On a Property of Extreme Value Laws".
- International Conference on Combinatorics, Statistics, Pattern Recognition and Related Areas held at the Department of Statistics, University of Mysore, Mysore during December 28-30, 1998 and presented the paper entitled "Geometric Max Semistable Laws, Geometric Max Domains of Attraction and of Partial Attraction".
- UGC Refresher Course in Statistics for Post-Graduate teachers in Statistics held at the Indian Statistical Institute, Calcutta during March 10-April 02, 1998.
- National Seminar on Developments in Statistical Science held at the Department of Statistics, Bangalore University during August 12-13, 1998 and presented the paper entitled "On a Property of Extreme Value Distributions".
- National Seminar on Deliberations in Statistics and Statistics in Industry and Banking held at the Department of Statistics, University of Bombay during December 17-20, 1997 and presented the paper entitled "A Review of Extreme Value Theory".
- UGC sponsored Three-day Seminar on Applications of Statistics held at the Department of Statistics, University of Mysore during February 12-14, 1997 and gave two talks on

"Predicting the unpredictable using Extreme Value Theory".

- UGC sponsored National level Workshop on Order Statistics, Extremes and their Applications held at the Department of Statistics, University of Mysore during July 08-12, 1996 and delivered two lectures on Extremes and their applications in Finance.
- UGC sponsored National level Seminar on Statistical Inference held at the Department of Statistics, Shivaji University, Kolhapur during February 05-07, 1996 and presented a paper entitled "On a Property of Extreme Value Distributions", written jointly with Professor N.R.Mohan.
- Workshop on The Mathematical Heritage of Norbert Wiener held at Indian Statistical Institute, New Delhi during December 28-30, 1995.
- UGC-DST sponsored National level Workshop on Stochastic Calculus held at the Department of Statistics, University of Mysore during March 13-17, 1995.
- Workshop on Analysis of Censored Data held at the Department of Statistics, University of Pune during December 28, 1994 to January 01, 1995.
- Annual conference of the Indian Society for Probability and Statistics held at the Department of Statistics, Manonmaniam Sundaranar University, Tirunelveli during December 21-23, 1994 and presented a paper entitled "Extremes under Power Normalization".
- Visited Professor Juerg Huesler and the Institute of Mathematical Statistics, University of Bern, Bern, Switzerland during October 18-30, 1993 and gave two invited talks on "Extreme Value Limit Laws under Power Normalization" and "Limit Laws for Extremes under the one of r Population Scheme".
- Visited Professor Georg Lindgren and the Department of Mathematical Statistics, University of Lund, Lund, Sweden during October 13-15, 1993 and gave an invited talk on "Extremes under Power Normalization".
- Visited the Department of Technical Mathematics and Information, Technical University, Delft, The Netherlands during September 21, 1993 and gave two invited talks on "Extreme Value Limit Laws under Power Normalization" and "Limit Laws for Extremes under the one of r Population Scheme".
- Annual conference of the International Bernoulli Congress on Stochastic Processes and their Applications held at the Free University, Amsterdam, The Netherlands, during June 20-25, 1993.
- National Seminar on Statistical Inference and related topics held at the Department of Statistics, Bangalore University during March 07-08, 1991 and presented a paper entitled "von-Mises type Parametric representation for p-Max Stable Laws".
- The 77th session of the Indian Science Congress held at CUSAT, Cochin, India during February 04-09, 1990 & presented paper entitled "On Multivariate g-Max Stable Laws".
- The 12th annual conference of the Indian Society for Probability and Statistics held at the Indian Institute of Technology, Bombay during December 27-30, 1990 and presented a paper entitled "Tail Equivalence of Distribution Functions attracted to the Max Domains of attraction of Multivariate p-Max Stable Laws".
- Summer course in Probability and Analysis at the ISI, Bangalore, during May 09 - June 04, 1988, where Functional Analysis, Discrete parameter Martingales and Brownian Motion were taught.

Conferences and Workshops organized
- Worked as Course Coordinator in the seventh Refresher Course in Mathematical Science organized by the UGC HRDC during Nov. 13 – Dec. 03, 2018.
- Orgnized Three-day Workshop-cum-seminar on R in the Department of Studies in Statistics, University of Mysore, during February 28-March 02, 2019.
- Organized Three-day Workshop-cum-Seminar to commemorate the 75th year of teaching of M.Sc. Statistics at the Department of Studies in Statistics, University of Mysore, during February 08-10, 2018 as Chairman of the Department.
- Organized the University of Mysore Centenary Lectures in Statistics series by inviting 16 experts during September 2015 – June 2016 as part of the Centenary celebrations of

the University of Mysore.
- Was member of the Local organizing committee for the International Conference on Combinatorics, Statistics, Computer Science and related areas held during December 1998 at the University of Mysore, Mysore, India.
- Was member of the Organizing committee of the International Conference on Order Statistics and Extremes held at University of Mysore during December 2000, jointly with the Department of Statistics, Ohio State University, USA
- Has conducted Seminars and Workshops in the Department as faculty and Chairman of the Department.

Membership of Professional Bodies:
- **Member – Editorial Board of Calcutta Statistical Association Bulletin – Since 2008.**
- Member of Reviewers for Biomed Central journals – Affymetrix, Biotechnology, Bioinformatics.
- Member of IMS (Institute of Mathematical Statistics, USA) since 2008
- Member of AMS (American Mathematical Society, USA) since 2003;
- Life member of Indian Society for Probability & Statistics;
- Life member of the Indian Statistical Association;
- Student member of American Stat. Assn. -1989-91.
- Refereed articles for Communications in Statistics – Theory and Methods, Journal of Inequalities, Probstat Forum – online journal, TEST, Extremes, Pakistan Journal of Statistics, Indian Journal of Pure and Applied Mathematics, Journal of Statistical Planning and Inference, Journal of the Indian Statistical Association.

Computer Literacy: Have good working knowledge of Statistical Softwares : R, XTREMES, SYSTAT, MINITAB, JMPin. Have sound knowledge of LATEX.

Current Research and Teaching Interests:
- Teaching Probability, Statistics & Biostatistics at Masters and M.Phil. level;
- Research in Probability & Mathematical Statistics, in particular, in
  - Extreme Value Theory and Statistics of Extremes
  - Reliability Theory
- Lecturing on Applications of Probability & Statistics in Economics, Insurance, Finance and other areas;
- Refereeing articles for Journals
- Writing reviews of articles and books for Mathematical Reviews, and Zentrallblatt for Mathematics
- Reviewing books for Journals.

Academic Experience:
- Working as Chairman of the Deparrtment of Studies in Statistics of the University of Mysore since November 2017.
- Working as Chairman, Composite Board of Studies in Statistics (Under-graduate and Post-graduate) since June 2009.
- Worked as member of subcommittee of the National Academy of Statistics Administration, Ministry of Statistics and Programme Implementation, Government of India, to modify Syllabi of Indian Statistical Service (ISS) examinations during 2009.
- Worked as member of Advisory committee of the Ministry of Statistics and Programme Implementation, Government of India, to suggest was to popularize Statistics among students.

Examination Experience:
- Worked as Chairman, Board of Examiners in Statistics of the University of Mysore during 2016.
- Worked as Chairman, Board of Examiners in Statistics of the University of Mysore during 2008.
- Worked as member of Board of Examiners in Statistics of University of Mangalore, Calicut University.

- Assisted in Practical exams, Paper setting and valuation of answer scripts in M.Sc. Statistics exams of Mysore, Bangalore, Mangalore, Karnatak, Shivaji, Mumbai Universities and B.Sc. Biophysics exams of Calicut University.

Administrative Experience:
- Worked as nominee of Vice Chancellor of the University of Member in the Management Council of Regional Institute of Education, Mysore since 2014 and in J.S.S. Autonomous college, Ooty road Mysore since 2015.
- Worked as member of Selection committee to select Reader in Biostatistics for the All India Institute of Speech and Hearing (AIISH) during Juy 2015.
- Worked as member of Selection committee to select Lecturer in Biostatistics and Registrar (Academic) for the All India Institute of Speech and Hearing (AIISH) during 2010.
- Working as Chairman of the Statistics Department in University of Mysore since July 01, 2007.
- Worked as Special Officer of Ph.D. section of University of Mysore during Nov. 2004-Oct.2007 and the work involved processing all Ph.D. theses submitted to the University of Mysore for examination.
- Worked/Working in several academic / administrative committees of the University of Mysore including Academic Calendar committee, Choice based paper allotment committee, Ph.D. regulations committee, Fee Committee, etc.

Personal:
- Languages known : Sufficiently well proficient in English, Kannada, Tamil, knowledge of German & Hindi satisfactory.
- Hobbies and Sports : Playing Carnatic Music on Veena, Reading tech. and nontechnical books, bird watching, trekking. Playing Chess, Badminton, Swimming.

Published papers
- 1. On Multivariate g-Max Stable Laws. **The Journal of the Kerala Statistical Association {7(1)}{1991}{11-20}**
- 2. Tail Equivalence of Distribution Functions attracted to the Max Domanis of attraction of Univariate p-Max Stable Laws. **The Journal of the Indian Statistical Association, {29}{1991}{69-77}**
- 3. A Note on Weak Convergence to Extremal Processes. **Statistics & Probability Letters, {13}{1992}{301-306}**
- 4. On Scale and Exponent Functions of a Class of Limiting Processes. (with N.R.Mohan) **The Journal of the Ramanujan Mathematical Society, {7(1)}{1992} {32-41}**
- 5. Tail Equivalence of Distribution Functions attracted to the Max Domanis of attraction of Multivariate p-Max Stable Laws. **The Journal of the Indian Statistical Association, {30}{1992}{43-49}**
- 6. On Max Domains of attraction of Univariate and Multivariate p-Max Stable Laws. (with N.R.Mohan) **Theory of Probability and its Applications, {37(4)}{1993}{632-643}**
- 7. On the Limit Distribution of Maxima of Random Number of Bivariate Random Vectors. (with N.R.Mohan) **Mathematica Balkanica, {8}{1994}{239-250}**
- 8. A Characterization of Negative Binomial Distribution. {with Y.S.Sathe} **The Journal of the Indian Statistical Association, {35}{1997}{31-32}**
- 9. On a Property of Extreme Value Distributions. {with N.R.Mohan} **The Journal of the Indian Statistical Association, {36} {1998}{115-123}**
- 10. Geometric Max Semistable Laws, Geometric Max Domains of Attraction and of Partial Attraction. {with N.R.Mohan} **Stochastic Modelling and Applications, {2} {1999}{55-66}**
- 11. Limit Laws for Partial Maxima of Independent Random Variables having one of m

specified Distributions under Power Normalization. **Calcutta Statistical Association Bulletin, {50, Nos. 197-198} {March & June 2000} {1-15}**

- 12. Some Properties of Two Classes of Life Distributions (with N.R.Mohan).**Journal of Applied Probability, 39, 581-589, 2002.**
- 13. On L-Class, G-Class and Compound Distributions in Reliability. (with N.R.Mohan) **Statistics & Probability Letters, 61 (3), 269-76, 2003.**
- 14. New Order Preserving Properties of Geometric Compounds. (with Bhattacharjee, M.C., Vasudeva, R., Mohan, N.R.) **Statistics & Probability Letters, 64, 2, 113-120, 2003.**
- 15. Section on `Power Max Stable Laws' in the book **Laws of Small Numbers: Extremes and Rare Events,** by Falk, M., Huesler, J., and Reiss, R.-D., Second Edition, **2004.**
- 16. On Extremes of Mixtures of Distributions. (with Sreehari, M.) **Metrika 2009.**
- 17. On a Characteristic Property of Generalized Pareto Distributions, Extreme Value Distributions and their Max Domains of Attraction. **Statistical Papers 2009.**
- 18. A note on the tail behaviour of distributions in the max domain of attraction of the Frechet / Weibull law under power normalization. (With A.S.Praveena). **ProbStat Forum, e-journal, Volume 3, January 2010,** 01-10.
- 19. On extrema of a bivariate exponential random vector. (with A.S.Praveena). **myScience**, Science Journal of the University of Mysore, **2010.**
- 20. On sums of independent random variables whose distributions belong to the max domains of attraction of max stable laws. (with Sreehari, M. and Vasudeva, R.) **Extremes, 2010.**
- 21. On von Mises type conditions for p-max stable laws, rates of convergence and generalized log-Pareto distributions. (with A.S.Praveena) **Journal of Statistical Planning and Inference, 2011.**
- 22. On Storage Models (with A.S.Praveena) **Journal of the Indian Statistical Association, Vol. 49, No.2, 2011.**
- 23. Relationship between certain classes of life distributions and some stochastic orderings. (with Prathibha). **ProbStat Forum, e-journal, Volume 5, January 2012,** 01-07.
- 24. On reliability concepts for discrete lifetime random variables. (with Prathibha) **myScience**, Science Journal of the University of Mysore, **2012.**
- 25. On the intersection of max domains of attraction of p-max stable laws and the class of subexponential distributions (with Dr.A.S.Praveena) Accepted for publication in **Communications in Statistics – Theory and Methods, 2012.**
- 26. A note on entropies of l-max stable, p-max stable, generalized Pareto and genera1ized log-Pareto distribu1lons (with Ali Saeb) **ProbStat Forum, e-journal, Volume 5, July 2012,** 62-79.
- 27. On reliability properties of series and parallel systems when the system size is random (with Ahmad Aghazadeh Attari) Accepted for publication in **Open Journal of Statistics, 2012.**
- 28. A note on some reliability properties of extreme value, generalized properties and transformed distribu1lons (with Ahmad Aghazadeh Attari). **myScience**, Science Journal of the University of Mysore, **2012.**
- 29. On the asymptotic behaviour of extremes and near maxima of random observations from the general error distributions. (with Vasudeva and Vasanthakumari) **J. Appl. Prob.** 51(2), **2013.**
- 30. On information theory and its applications (with Ali Saeb). **ProbStat Forum, e-journal, Volume 7, July 2014,** 45-54.
- 31. The interplay between l-max, l-min, p-max and p-min stable distributions. (with Mavitha, T.S.) **Mathematical Journal of Interdisciplinary Sciences, Vol. 4, No.1**, 49-63, **Sept. 2015.**
- 32. Distance between exact and approximate distributions of partial maxima under power normalization (with Praveena, A.S.). **Modern Stochastics, Theory Alli., 2015, Vol.2 , No.4, 391–399.**

- 33. New Limit Distributions for Extremes Under a Nonlinear Normalization (with Mavitha, T.S.) **ProbStat Forum e-journal**, Volume 09, January 2016, Pages 01 – 20.
- 34. On the asymptotic behaviour of maxima and near maxima of random observations from three parameter log-normal distribution (with J.Vasantha Kumari and R.Vasudeva), Accepted for publication in **Communications in Statistics – Theory and Methods**. Vol. 46, Issue 17, 8737-8747.
- 35. On subexponentiality of order statistics and a few other functions of random variables (with Bhalachandra, M.S. and Praveena, A.S.). **Journal of the Indian Statistical Association,** Vol 55 (1), 2017, 1-19.
- 36. On tail behaviour of k-th upper order statistics under fixed and random sample sizes via tail equivalence (with M.C.Manohar). Published online in **Statistics – A Journal of Theoretical and Applied Statistics.** http://dx.doi.org/10.1080/02331888.2017.1335316 **(2017) Vol. 52, No. 1, 2018, 156-176**
- 37, Some new characterizations of max domains of attraction of Frechet and log-Frechet laws under power normalization (with Deepesh Bhati). **Statistics and Probability Letters. 2017, Vol. 130, 92-99.**
- 38. On a characterization of Frechet and Weibull max domains under power normalization (with Praveena, A.A.). **Journal of Probability and Statistical Science, 2018, Vol. 16, No. 1, 1-9.**
- 39. On generalized log-Moyal distribution: a new heavy tailed size distribution (with Deepesh Bhati). **Insurance: Mathematics and Economics. 2018, Vol. 79(C), 247-259.**
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- Applications of Empirical Process Theory, by Sara van de Geer. **The Statistician,** Vol. 51, No. 3, 2002, pp.416-417.
- Modeling in Medical Decision Making: A Bayesian Approach, by G.Parmigiani. **The Statistician,** Vol. 52, No. 2, 2003, pp.246.
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- Probability and Random Variables, by G.P.Beaumont. **JRSS Series A: Statistics in Society,** Vol. 170, No. 2, March 2007, pp. 504.
- Testing Statistical Hypotheses, by E.L.Lehmann and J.P.Ramano, Third Edition. **JRSS Series A: Statistics in Society,** Vol. 170, No. 2, March 2007, pp. 508.
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- Bayesian Reliability, by Hamada et al., 2010.
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- Statistical Tests for Mixed Linear Models, **SMMR,** Vol. 13, February 2004, p.85.
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- Elements of Distribution Theory, by Thomas Severini. 2005
- An Introduction to Stein's Method, by A.D.Barbour and L.H.Y.Chen. 2007
- An Introduction to Measure Theoretic Probability, by George G. Roussas. 2008

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- Introduction to Nonparametric Estimation, by Alexandre B.Tsybakov. 2009.
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<u>Research Guidance:</u>
M.Phil. in Statistics:
> 1. M.S.Bhalachandra – On sub-exponential distributions – 2001
> 2. T.S.Mavitha - Near Maxima & related random variables – 2007
> 3. J.Vasanthakumari - Random Sums & random maxima – 2010

Ph.D. in Statistics:
> 1. A.S.Praveena - Some problems in extreme value theory & subexponential distributions – 2010
> 2. Prathibha - Contributions to Reliability Theory – 2012
> 3. Mirza Ahmad Aghazadeh Attari – Contributions to Reliability Theory and Survival Analysis - 2013
> 4. Ali Saeb – On Information Theory and Extreme Value Theory – 2013
> 5. Mavitha, T.S. - A Study of Records, Near Maxima and related random variables - 2016
> 6. Vasantha Kumari, J. - A Study of Near Maxima, Compound Distribu1lons and some problems in Reliability, 2017.
> 7. Deepesh Bhati – On Size Distributions and Statistical Modelling using Extreme Value and Related Laws, June 2018.
> 8. Manohar, M.C. - On Univariate and Multivariate Extremes, Extremal Processes and Related Topics, (thesis submitted on 26.02.2019)