



RESUME

Prof. Dr.R.Elangovan

M.Sc.,M.Phil.,M.Ed.,Ph.D(Statistics),,Ph.D(BusinessAdministration).

Name : **Prof. Dr. R. Elangovan**
 University : Annamalai University
 Position : Professor of Statistics (Rtd.)

Date of Birth : 16.07.1962. Age 61 Years.
 Date of Joining permanent : 15.11.1991
 Date of Retirement : 30.06.2023
Present Position : Professor, School of Management, SASTRA Deemed University, SASTRA, Thanjavore – 613 401.

Teaching and Research Experience: 33

Ph.D. Awarded : **23 (twenty three, since 2001)**

M.Phil. Awarded: **43 (Forty-Three, since 2001)**

Total Number of Papers to my credit: **158 (one hundred and fifty-eight)**

Invited Talk/ Guest Lecturer/Special Lecturer Delivered: **74 (seventy-four)**

Paper Presented in the National, International Level Conferences, Seminars and Symposium : **102 (one hundred and two)**

Workshop / Seminar / Colloquium Attended: **36 (THIRTY-SIX)**

Chaired a Session in the National / International Conferences: **34 (Thirty-four)**

Foreign Visit: 8 (Eight)

USA, France, Nantes, Hong Kong, Sri Lanka, UAE, U.K

Research Interests : Business Analytics and Big-Data Analytics using R

Stochastic Processes and its Applications, Various Aspects of Mathematical and Stochastic Models – Applied to Industry (Manpower Planning), Statistical Quality Control, Operations Research, Reliability Theory and Survival Analysis, Regression Analysis and Time Series, Bio-Statistics and Survival Analysis, Clinical Trails, Human Resources Management.

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Address for Correspondence: No 3/2. Gandhi Nagar, Chidambaram – 608 001.

Prof. R. Elangovan

BIO-DATA

***Residence: No 3/2 Gandhinagar
Chidambaram-608 001***

Dr. R. Elangovan, Ph.D.

S/o. S. Ramaiyan

Professor

School of Management

SASTRA Deemed University

SASTRA, Thanjavore – 613 401.

Tamil Nadu, India.

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Mobile: 09443665846

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Personal Details

Name : Prof. Dr. R. Elangovan

University : SASTRA Deemed University, SASTRA

Current Position : Professor, School of Management since December 2023.

Date of Birth : 16.07.1962. Age 60 Years.

Date of Joining permanent : 15.11.1991

Date of Retirement from Annamalai University:30.06.2023,

Professor, SoM, SASTRA since December 2023.

Academic Qualifications

1982 : B.Sc. Statistics

1984 : M.Sc. Statistics

1987 : B.Ed. Education

1988 : M.Phil. Statistics

1994 : M.Ed. Education

2000 : Ph.D. Statistics

2013 : M.B.A. (HRM)

2021 : Ph.D. Business Administration (MBA)

Additional Qualifications

- 1984 : One year Certificate Course in Computer Programming (FORTRAN, COBOL, BASIC, PL 1)
- 1987 : Certificate Course in PASCAL Programming and its Applications
- 1987 : Certificate Course in COBOL Programming and DATA Processing
- 2000 : Certificate Course in C++ and Object-Oriented Programming

Brief Outline of Career History

- 01.03.2021 onwards upto 30.06.23: Professor of Statistics
- 2018-2021 : Professor and Head (01.03.2018 to 28.02.2021)
- 2007-2018 : Professor (up to February 2018)
- 2001-2006 : Reader
- 1997-2001 : Senior Lecturer
- 1991-1997 : Lecturer
- 1990-91 : Tutor

Name of the Employer

The Registrar
 Annamalai University
 Annamalai Nagar – 608 002
 Tamil Nadu
 India.

Present Positions : Professor of Statistics

Teaching Experience : 33Years

Research Experience :33 years

Teaching Disciplines : Descriptive Statistics; Real Analysis ; Linear Algebra and Matrices ; Probability Theory; Distribution Theory; Econometrics ; Statistical Inference; Statistical Quality Control ; Sampling Theory ; Measure Theory ; Stochastic Processes; Multivariate Statistical Analysis ; Statistical Methods, Bio-Statistics ; Advanced Business Statistics ; Estimation Theory ; Operational Research ; Regression Analysis ; Business Data Processing ; Management Information System ; Optimization Methods; Computer Programming ; Agricultural Statistics; Mathematical Statistics ; Quantitative Methods and Advanced Design of Experiments for other Sister Departments.

Course Related Responsibilities

M.Sc.Statistics (CBCS)

M.Sc.Statistics (Five Year Integrated)

M.Sc., M.Phil., (Micro Biology)

B.Sc. and M.Sc. Agricultural Statistics.

M. Phil and Ph.D. degree in Statistics

M.P.T

Ph. D Agricultural Statistics.

Teaching Statistics to the PG students of other sister departments

Research Interests

Stochastic Processes and its Applications, Various Aspects of Mathematical and Stochastic Models – Applied to Industry (Manpower Planning), Statistical Quality Control, Operations Research, Reliability Theory and Survival Analysis, Regression Analysis and Time Series, Bio-Statistics and Survival Analysis, Clinical Trails.

Postgraduate / Research Supervision

Past : 50, Project Guidance for the Post Graduate Students of Statistics

Ph.D. Awarded : 23

Submitted : 2

| S.No. | Name | Title | Area of Specialization | Year of Award |
|-------|-----------------|---------------------------------------------------------------------------|-------------------------------------------|---------------|
| 1. | N. Vijayasankar | Contributions to the Development of models in Manpower Planning | Stochastic Processes and its Applications | 2009 |
| 2. | C. Anandharaj | Contributions to the Study of Some Stochastic Models in Manpower Planning | Stochastic Processes and its Applications | 2009 |

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|-----|--------------------|---------------------------------------------------------------------------------|-------------------------------------------|------|
| 3. | S. Eakambaram | On some Applications of Least Absolute Deviations Regression Theory and Methods | Regression Analysis | 2010 |
| 4. | G. Arivazhagan | Stochastic Models for Optimal Recruitment Policies in Manpower Planning | Stochastic Processes and its Applications | 2011 |
| 5. | E. Susiganeshkumar | Stochastic Models for Manpower Planning | Stochastic Processes and its Applications | 2011 |
| 6. | R. Arulpavai | Optimal Recruitment Policies of Manpower Planning using Stochastic Approach | Stochastic Processes and its Applications | 2014 |
| 7. | U. Niyamathulla | Stochastic Models for Various Modes of HIV Transmission | Bio-Statistics and Survival Analysis | 2014 |
| 8. | A. Lokeshmaran | Statistical Approach to the Study of Variable Selection in Survival Analysis | Reliability Theory and Survival Analysis | 2015 |
| 9. | R. Ramajayam | Prediction of Time to Seroconversion of HIV infected – A Stochastic Approach. | Bio-Statistics and Survival Analysis | 2016 |
| 10. | T. Ramani | Stochastic Models for Optimal Recruitment Policies in Manpower Planning. | Stochastic Processes and its Applications | 2016 |
| 11. | J. Kalaivani | Manpower Planning Models and their Estimation | Stochastic Processes and its Applications | 2016 |
| 12. | B. Ashok | Least Absolute Deviations Methods in Estimation for the Regression Model | Regression Analysis | 2016 |
| 13. | B. Sanjith | A Study on Least Absolute Deviations Methods in Regression Model | Regression Analysis and Time Series | 2016 |
| 14. | S. Sivanesan | Stochastic Degradation Models using Accelerating Variables | Reliability Theory and Survival Analysis | 2018 |
| 15. | S. Sathishkumar | A Study on Variable Selection for Survival Analysis | Bio-Statistics and Survival Analysis | 2018 |

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|-----|------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------|------|
| 16. | R. Murugan | Stochastic Models for Policy Decisions in Manpower Planning | Stochastic Processes and its Applications | 2018 |
| 17. | M. Govindhan | Stochastic Models for some Inventory Problems | Operations Research | 2019 |
| 18. | B. Jayakumar | On some Inferential Methods for Cure Rate Models | Bio-Statistics and Survival Analysis | 2019 |
| 19. | K. Manoj | A Study on Competing Risks in Survival Data Analysis | Bio-Statistics and Survival Analysis | 2020 |
| 20. | C. Silambarasan | Inferential Procedure for Competing Risks Current Status Data with Continuous Observations Times | Reliability Theory and Survival Analysis | 2021 |
| 21. | Mercy Anthony | Variable Selection in Accelerated Failure Time Models for Survival Analysis | Reliability Theory and Survival Analysis | 2021 |
| 22. | R. Mohanasundari | Accelerated Failure time model and Their Applications in Cancer Research | Bio-Statistics and Survival Analysis | 2021 |
| 23 | S. Arunkumar | Statistical Analysis of Censored Data for Parametric Survival Model with Time Dependent Covariates | Bio-Statistics and Survival Analysis | 2022 |

M.Phil. Awarded: 43 (Forty-Three, since 2001)

| S.No | Title | Area of Specialization | Year of Award |
|------|------------------------------------------------------------------------------------------------|---------------------------------------------|---------------|
| 1 | An Extension of Replacement Strategies in Manpower Planning | Stochastic Processes and its Applications | 2001 |
| 2 | On a Stochastic Model to Determine the Expected Time to Recruitment using Shock Model Approach | Stochastic Processes and its Applications | 2002 |
| 3 | On some Estimation Methods for Incomplete Manpower Data | Stochastic Processes and its Applications | 2002 |
| 4 | Estimation Method for Censored Data in Manpower Planning | Stochastic Processes and its Applications | 2003 |
| 5 | A Study on the Progressively Censored Reliability Sampling Plans | Statistical Quality Control and Reliability | 2004 |
| 6 | A Study on Approximation Methods for Tied Survival Times in Cox Regression | Bio-Statistics and Survival Analysis | 2005 |
| 7 | A Study on Variance Estimation for the Regression Estimator | Regression Analysis and Time Series | 2005 |

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| 8 | A Study on Variance Estimation for the Regression Estimator in Two-Phase Sampling | Regression Analysis and Time Series | 2005 |
| 9 | A Study on Failure-Censored Variables-Sampling Plans for Lognormal and Weibull Distributions | Statistical Quality Control and Reliability | 2005 |
| 10 | A Study on Estimation Procedures in Manpower Planning | Stochastic Processes and its Applications | 2005 |
| 11 | A Review of Some Statistical Techniques Relevant to Manpower Planning | Stochastic Processes and its Applications | 2005 |
| 12 | Stochastic Models for Manpower Planning | Stochastic Processes and its Applications | 2005 |
| 13 | Application of Cox's Regression Model in the Analysis of Wastage of Manpower Data | Stochastic Processes and its Applications | 2005 |
| 14 | A Study on Estimation of the Survival Function based on Censored Data | Bio-Statistics and Survival Analysis | 2005 |
| 15 | A Study on Regression Analysis of Grouped Survival Data | Bio-Statistics and Survival Analysis | 2005 |
| 16 | A Study on Least Absolute Deviation Regression | Regression Analysis and its Applications | 2005 |
| 17 | A Study on Simple Regression Methods for Survival Time Studies | Bio-Statistics and Survival Analysis | 2006 |
| 18 | Stochastic Modelling for Incubation Time Relating to HIV Infection | Bio-Statistics and Survival Analysis | 2006 |
| 19 | A Study on Variance Estimation Under Regression Imputation Model | Regression Analysis and its Applications | 2006 |
| 20 | On the Analysis of Censored Data in the Study of HIV Infection and AIDS | Bio-Statistics and Survival Analysis | 2006 |
| 21 | A Study on Variable Selection for Survival Analysis | Reliability and Survival Analysis | 2007 |
| 22 | A Study on Regression Analysis of Censored Survival Data | Bio-Statistics and Survival Analysis | 2007 |
| 23 | Stochastic Model for the Estimation of Expected Time to Recruitment | Stochastic Processes and its Applications | 2007 |
| 24 | A Study on the Efficiency of Ordinary Least Squares in Regression Models | Regression Analysis and Time Series | 2007 |
| 25 | A Study on Tests for Detecting over Dispersion in Poisson Regression Models | Regression Analysis and Time Series | 2007 |
| 26 | On Some Methods of Estimation in Generalized Linear Regression Models | Regression Analysis and Time Series | 2007 |
| 27 | A Markov Chain Monte Carlo Technique for Signature Verification | Stochastic Processes and its Applications | 2007 |
| 28 | Manpower Planning Models and their Estimation – A Review | Stochastic Processes and its Applications | 2007 |
| 29 | Least Absolute Deviation Regression – A Review | Regression Analysis and Time Series | 2007 |
| 30 | A Study on Regression Models and Life – Table | Regression Analysis and Time Series | 2007 |
| 31 | A Study on Asymptotic Theory of Least Absolute Error Regression | Regression Analysis and Time Series | 2007 |

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| 32 | Logistic Regression Models for Multivariable Binary Time Series | Regression Analysis and Time Series | 2007 |
| 33 | Applied Multivariate Regression Analysis – A Review | Regression Analysis and its Applications | 2007 |
| 34 | Markov Decision Process and its Applications | Stochastic Processes and its Applications | 2007 |
| 35 | Stochastic Models for Various Modes of HIV/AIDS Epidemic | Stochastic Processes and its Applications | 2007 |
| 36 | Application of ARMA and ARIMA Models | Regression Analysis and Time Series | 2008 |
| 37 | A Study on Regression Models with Incidental Parameters | Regression Analysis and its Applications | 2008 |
| 38 | Bootstrapping Methods in Time Series Analysis | Regression Analysis and Time Series | 2008 |
| 39 | An Application of Hazards Model with Time-Dependent Covariates | Reliability and Survival Analysis | 2008 |
| 40 | Fitting of Cox's Regression and Life Models | Reliability and Survival Analysis | 2008 |
| 41 | Manpower Planning Models and its Applications | Stochastic Processes and its Applications | 2009 |
| 42 | Optimal Compound Test Plans for a Parallel Systems based on Censoring | Statistical Quality Control and Reliability | 2011 |
| 43 | Variable Selection for the Accelerated Failure time model as an alternative to the Cox regression model in Survival Analysis | Reliability Theory and Survival Analysis | 2014 |

Presently Guided:

Ph.D. : 2 (Two)

Awards / Fellowships / Projects/Organizing Seminar/Symposium: 14

Awards : 6 (Six)

Symposium/Workshop/Special Lecture Organized :6 (Six)

Fellowships : 1 (One)

Projects (Student) : 1 (One)

| Sl. No. | Awards / Fellowships / Projects |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Indian Institute of Science / Tata Institute of Fundamental Research, Visiting Fellowship Programme, Indian Institute of Science, Bangalore, India. June 2001. |
| 2 | Organizing UGC – CSIR Sponsored National Symposium on Statistical Methods and Applications. Department of Statistics, Annamalai University, Annamalai Nagar – 608 002. Tamil Nadu, India. 15 – 16, March 2002. |
| 3 | Assess the Immunization and Nutritional Status among U/5 Children in the Thuraiyur Taluk of Trichy District in Tamil Nadu –, Student Project Sponsored by |

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| | Tamil Nadu State Council for Science and Technology, Chennai, Tamil Nadu, India. 2002-2003. |
| 4 | Best Research Paper Award for the Paper “Optimization Model for Hiring of Specialized Service in Manpower Planning “ - Presented in the UGC National Seminar on Profitability through Creativity and Innovation, Department of Business Administration, Annamalai University, Annamalai Nagar. 10th March 2009 |
| 5 | Best Research Paper Award for the paper “Determination of Expected time to Recruitment when the threshold has Three components “, Presented in the International Conference on Management Practices for Sustainable Growth, Department of Business Administration and Management Wing, DDE, Annamalai University, Annamalai Nagar. 28-30th July 2010. |
| 6 | Ph.D Guidance – One time Cash award for producing five Ph.D’s – 2011. |
| 7 | Best Research Paper Award for the Paper “A HRM Strategy to determine the optimal manpower reserve at three nodes in series”, Presented in the International conference on synchronizing management theories and business Practice: Challenges ahead, Department of Business Administration, Annamalai University, Annamalai Nagar. 27th to 29th July 2012 |
| 8 | Organized a three days’ Workshop on Reliability Theory and Survival Analysis (IWRS 2014), Department of Statistics, Annamalai University, Annamalai Nagar – 608 002, India, 17 th to 19 th of November 2014 |
| 9 | Organized a Two days Faculty training program on Statistical Data Analysis using SPSS, Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, India. 19 and 20 th of March 2015. |
| 10 | Coordinated One day Special Lecture entitled “SPSS Hands on Experience” to be held in the Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, India on 19 th March 2015. |
| 11 | National Workshop on “New Trends on Stochastic Processes, SQC & Reliability Using R Programming” to be held in the Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, India on 11 & 12 th July 2019. |
| 12 | National Conference on “Stochastic Processes, Bayesian Inference and Reliability Theory” to be held in the Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, India on 15 th & 16 th March 2018 |
| 13 | Dr. Radha Krishnan Best Teacher National Award-2020, Bahujana Writers 3rd South India Conference, Tirupathi, Andhra Pradesh, on 15th March 2020 |
| 14 | Ratna Prasad Multidisciplinary Research And Education Society, Iconic Professor and Research award January 26, 2023 |

Foreign Visit: 8(Eight)

1. International Conference on Statistics in Health Sciences, Nantes University ,France. 23rd to 25th June 2004.
2. International Conference on Statistics, Hong Kong, Baptist University, Hong Kong. 20rd to 24th June 2005.
3. International Conference on Statistics, Probability and Data Analysis, North Carolina State University (NCSU), Raleigh ,NC ,**USA**. 21st to 24th of April 2011.

4. International Statistics conference, Institute of Applied Statistics Sri Lanka (IASSL), Colombo ,Sri Lanka, 28th to 30th2014
5. **United Arab Emirates**in connection with conducting Overseas Distance Examinations of Annamalai University, 2014
6. Seventh International Conference on Dynamic Systems and Applications & Fifth International Conference on Neural, Parallel and Scientific Computations, Atlanta, Georgia, **USA**, May 27th to 30th, 2015.
7. California, 10th International Conference on Multiple Comparison Procedures **USA** in connection with attending the International Conference, June 20th to 23rd 2017bridge .
8. Leadership for Academicians Programme, Judge Business School, University of Cambridge UK:19-26 January 2020.

Books / Lessons and Reports:09 (Nine)

| Sl. No. | |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Editor of the Proceedings brought out in connection with the National Symposium on Statistical Methods and Application. Organized by Department of Statistics, Annamalai University, March 15 –16, 2002. |
| 2 | Directorate of Distance Education, Annamalai University. Biometry lessons written to the M.Sc. Botany students of our Directorate of Distance Education, 2003. |
| 3 | Directorate of Distance Education, Annamalai University. Bio-Statistics lessons written to the M.Sc. Bio-Informatics students of our Directorate of Distance Education, 2003. |
| 4 | Directorate of Distance Education, Annamalai University. Statistical Quality Control lesson written to the B.Sc. Operation Research (Double Degree Programme) Students of our Directorate of Distance Education, 2004. |
| 5 | Directorate of Distance Education, Annamalai University. Lessons written to the P.G. Diploma in Software Based Statistical Analysis students of our Directorate of Distance Education, 2005. |
| 6 | Directorate of Distance Education, Annamalai University. Operation Research to the M.B.A. (Overseas Programme) Students of our Directorate of Distance Education, 2007. |
| 7 | A Text Book on Biometry, Thaiyalnayagi Publishers, Chidambaram, Tamil Nadu, 2007. |
| 8 | A Monograph on LAD Regression Theory, 2011. Lambert Academic Publishing, Germany. |
| 9 | Workshop Proceedings UGC-SAP-DRS I Sponsored National Workshop On New Trends on Stochastic Processes, SQC & Reliability Using R Programming . |

Academic Achievements (since 1991)

- (i) Number of M.Phil guided and awarded : 43 (Forty Three)
- (ii) Number of Ph. D awarded under my Guidance : 22 (Twenty Two)
- (iii) Number of Paper published (both National and International Level): 139(one hundred and thirty nine)

Publication List

Total Number of Publication (Refereed Journal): 139(one hundred and thirty nine)

| | | |
|---------------------|---|-------------------|
| Proceedings | : | 12 (Twelve) |
| National Level | : | 21 (Twenty one) |
| International Level | : | 79 (Seventy Nine) |

Total Number of Papers to my credit: 139(one hundred and thirty nine)

| Sl. No. | Publications: International Level / National Level / Proceedings |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Sathiyamoorthi, R. and R. Elangovan (1997). Optimal Recruitment Policy for Training Prior to Placement, Journal of Decision and Mathematika Sciences, Vol. 2, No. 1-3, pp 87-93 |
| 2. | Sathiyamoorthi, R. and R. Elangovan (1998). A Stochastic Model for Optimum Training Duration, IAPQR Transactions, Vol.23, No.2, pp 127-131. |
| 3. | Sathiyamoorthi, R. and R. Elangovan (1998). Shock Model Approach to Determine the Expected Time for Recruitment, Journal of Decision and Mathematika Sciences, Vol. 3, No 1-3, pp 67-78. |
| 4. | Sathiyamoorthi, R. and R. Elangovan (1999). Optimal Time Interval Between Recruitment Programmes, International Journal of Management and Systems, Vol. 15, No. 2, pp 117-128. |
| 5. | Elangovan, R. and M. Shanmugham (2002). A Study on Some Strategies for Women into Information Technology Profession. Proceedings of the First Annual Conference on Women in Information Technology, WIT'2002, Department of Computer Science and Engineering and Department of Library and Information Science, Annamalai University, August 29-30,2002, Vol. 2, pp 125 – 128. |
| 6. | Elangovan, R. and M. Shanmugham (2002). Analysis of Completed Length of Service Using Cox Regression Model under Shock Model Approach. Proceeding of the National Symposium on Statistical Methods and Application (NSSMA), Department of Statistics, Annamalai University, March 15-16, 2002, pp 14-26. |
| 7. | Elangovan, R., Vanimalini, R and R. Thaiyalnayagi (2002). Expected Time to Recruitment using Truncated Poisson Distribution. Proceedings of the National Symposium on Statistical Methods and Application (NSSMA), Department of Statistics, Annamalai University, March 15-16, 2002, pp 33-43. |
| 8. | Elangovan, R. (2002). Use of Maximum Likelihood Method for Clustering of Observations. Proceedings of the National Symposium on Statistical Methods and Application (NSSMA), Department of Statistics, Annamalai University, March 15-16, 2002, pp 107 – 115. |
| 9. | Elangovan, R. and V. Ramachandran (2003). A Study on the Least Absolute Value Analysis of Variance. Proceeding of the National Conference on Modelling and Simulation in Manufacturing, Department of Manufacturing Engineering, Annamalai University, March 15 – 16, 2003, pp D-104 – D108. |
| 10. | Elangovan, R., Shanmugham,M.,andD.Venketesan (2003). An Appraisal of Indian Women Empowerment through Information Technology Profession. Proceedings of the International Conference on Women in the Digital Era: Opportunities and Challenges, Department of Library and Information Science, Annamalai University, December 10-12, Vol. 6, pp 1743 – 1752. |

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| 11. | Elangovan, R., Shanmugham, M. (2003). Safety Management in Building Construction – Statistical Methodology of Appraisal. Allied Publishers Private Ltd, India. pp 417 – 424. |
| 12. | Elangovan, R. (2004). Socio – Economic Study of the Slumdweller in Chidambaram Town – A Multivariate Approach. Journal of the Science, Annamalai University. pp 19 – 24. |
| 13. | Elangovan, R, and R. Kalyanaraman (2004). Estimation Method for Censored Data in Manpower Planning. Journal of Science, Annamalai University. pp. 13-18. |
| 14. | Elangovan, R, and C. Anantharaj (2005). Women Students in Information Technology – A Statistical Appraisal of Kanyakumari District. Proceedings of the International Conference on Emerging Adaptive Systems and Technologies. Noorul Islam College of Engineering, Kumaracoil, India. pp 264-277. |
| 15. | Elangovan, R, N.Vijayasankar and R. Sathiyamoorthi (2005). Estimations of Expected Time to Recruitment using Shock Model Approach. Bulletin of Pure and Applied Sciences, Vol. 24E, 1, pp. 195-205. |
| 16. | Elangovan, R, C. Anantharaj and R. Sathiyamoorthi (2005). Optimal Policy for Hiring of Expertise Service in Manpower Planning. Bulletin of Pure and Applied Sciences, Vol. 25E, 1, pp. 51-65. |
| 17. | Elangovan, R, M. Sivasubramanian and M. Syed Zafar (2006). A Stochastic Model to Determine the Expected Time to Recruitment in Manpower Planning. Behavioural Dimensions in Human Resource Management. Excell Books, New Delhi, India. pp 24 – 31. |
| 18. | Elangovan, R, C. Anantharaj and R. Sathiyamoorthi (2006). Shock Model Approach to the Determination of Optimal Time Interval Between Recruitments. Journal of Ultra Scientist of Physical Sciences, Vol. 18(2)M, pp 233-238. |
| 19. | Elangovan, R. C. Anantharaj and R. Sivasamy (2006). Replacement Strategies in Manpower Planning. Journal of Science, Annamalai University, Vol. 43, pp.161-172. |
| 20. | Elangovan, R. N.Vijayasankar and R. Sathiyamoorthi (2006). Application of Cox's Regression Model in the Analysis of Wastage of Manpower Data. Journal of Science, Annamalai University, Vol.43, pp. 173-186. |
| 21. | Elangovan, R, and M. Shanmugham (2007). The Immunization and Nutritional Status among Children Aged under five in a Major District in India. Journal of Ultra Scientist of Physical Sciences, Vol. 19(3)M, pp 521-532. |
| 22. | Elangovan, R, V. Ramachandran and M. Ramalakshmi (2007). Appraisal of Least Absolute Value Analysis of Variance. Journal of Ultra Scientist of Physical Sciences, Vol. 19(3)M, pp 547-558. |
| 23. | Elangovan, R, C. Anantharaj and R. Sathiyamoorthi (2008). Optimization Model for Hiring of Specialized Service in Manpower planning. International Journal of Business Insights and Transformation, Vol. 1, No.1, pp 46-50. |
| 24. | Elangovan, R, N. Vijayasankar and R. Sathiyamoorthi (2008). A Stochastic Model for the Estimation of Expected Time to Recruitment due to Attrition. International Journal of Agriculture. Stat. Sci., Vol. 4, No.2, pp 387-397. |
| 25. | Vijayasankar, N., R. Elangovan, R. Sathiyamoorthi and R.Sureshkumar. (2009). Estimation of Expected time to Recruitment with Wastage Threshold as Truncated Distribution. Journal of Indian Academy of Mathematics, Vol. 31, No.1, pp. 259-268. |
| 26. | Eakambaram, S and R. Elangovan. (2009). Least Squares Versus Least Absolute Deviations Regressions Estimation in Regression Models. International Journal and Agricultural and Statistical Sciences, Vol.5, No.2, pp. 355-372. |
| 27. | Elangovan, R., R. Jaisankar and R. Sathiyamoorthi. (2009). On the time to Cross the Antigenic Diversity Threshold in HIV Infection – A Stochastic Approach. |

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| | International Transactions in Mathematical Sciences and Computer, Vol. 2, No. 2, pp. 261-268. |
| 28. | Susiganeshkumar, E and R. Elangovan. (2009). Analysis of Flows in a Manpower System with a Special Reference to Tamil Nadu Software Industry. International Journal and Agricultural and Statistical Sciences, Vol.5, No.2, pp. 629-640. |
| 29. | Susiganeshkumar, E and R. Elangovan. (2009). Predicting the Growth of Manpower for the Tamil Nadu Software Industry. International Journal of Physical Sciences, Vol.21 (2) M, pp. 377-392. |
| 30. | Arivazhagan, G., R. Elangovan and R. Sathiyamoorthi. (2010). Determination of Optimal Manpower Reserve when demand for Manpower has Fluctuations, Bulletin of Pure and Applied Sciences. Vol.29 E, No.2, pp. 243-248 |
| 31. | Eakambaram, S and R. Elangovan. (2010). On the Least Absolute Error Estimation of Linear Regression Models with Auto-Correlated Errors, International Journal of Physical Sciences, Vol.22(1)M, pp. 213-220. |
| 32. | Arivazhagan, G., R. Elangovan and R. Sathiyamoorthi. (2010). Determination of Expected time to Recruitment when the Breakdown Threshold has three Components, International Journal of Agricultural and Statistical Sciences. Vol.6, No.2, pp. 203-213. |
| 33. | Susiganeshkumar, E and R. Elangovan. (2010). Predicting the Growth of Manpower Wastage in Tamil Nadu Software Industry using Cox's Regression Approach. International Journal of Physical Sciences, Vol.22 (2) M, pp. 383-396. |
| 34. | Elangovan, R, Arivazhagan, G, and R. Sathiyamoorthi. (2010). A Stochastic Model for Estimation of time to Stop Enrolment for Recruitment, International Journal of Operations Research and Optimisation. Vol.1, No. 1, pp 95-106. |
| 35. | Susiganeshkumar, E, and R. Elangovan (2010). A Stochastic Model for the Prediction of Staffing Structure with Special reference to Tamil Nadu Software Industry. Asian Journal of Science and Technology. Vol.6, pp.127-131. |
| 36. | Susiganeshkumar, E, and R. Elangovan (2010). A Stochastic Model for the Prediction of Manpower using Incomplete Manpower Data in Tamil Nadu Software Industry. International Journal of Current Research, Vol. 9, pp. 58-61. |
| 37. | Elangovan, R, R. Jaisankar and R. Sathiyamoorthy (2010). On the Time to Cross the Antigenic Diversity Threshold in HIV infection – a Stochastic Approach. International Journal of Physical Sciences, Vol. 22(1)M, pp. 247-252. |
| 38. | Elangovan, R, G. Arivazhagan and R. Sathiyamoorthy (2010). Determination Expected Time to Recruitment when the Attrition Threshold has Three Components. Proceeding of the International Conference on Sustainable Growth, TISSL International Publications, New Delhi, pp. 37-42. |
| 39. | Vijayashankar, N. and R. Elangovan (2010). Determination of Expected Time to Recruitment when Change of Threshold under Correlated Times of Wastage. Proceeding of the International Conference on Sustainable Growth, TISSL International Publications, New Delhi, pp. 261-267. |
| 40. | Eakambaram, S. and R. Elangovan (2010). Application of Least Absolute Deviations Regression for Censored Data. Proceeding of the International Conference on Sustainable Growth, Anuragam Publications, Chennai, pp. 550-552. |
| 41. | Vijayashankar, N. K. Kannadasan and R. Elangovan (2012). A Study on Some Estimation Methods for Human Resource Management. Proceeding of the International Conference on Leading Beyond Horizon: Engaging Future, SCITECH Publications (India) Pvt. Ltd., New Delhi, pp. 155-159. |

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| 137. | Elangovan R, Venkatesan Dand Govindhan M (2019). A New Extension of Pranav Distribution, Proceeding of the UGC– SAP -DRS I sponsored National Workshop on New trends on Stochastic Processes & Reliability using R Programming.pp.167-177 |
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| 142. | Elangovan R and Arunkumar S (2022). A New Extension of Adya Distribution using Time Dependent Covariates in Survival Analysis, High Technology Letters, Vol. 28, Issue 8, pp. 527 - 540. |
| 143. | G. Prabavathi and R. Elangovan (2022) A New Generalized Length Biased Hamza-Exponential Frailty Model in Survival Analysis. High Technology Letters. Volume 28, Issue 8, pp 395-407 |
| 144. | G. Prabavathi and R. Elangovan (2022) Length Biased Adya Distribution for Accelerated Failure Time Model in Survival Analysis and its Application, Indian Journal of Natural Sciences. Volume 13, Issue 74, pp 48550-48560 |
| 145. | G. Prabavathi and R. Elangovan (2022) A New Generalization of Shambhu Distribution with Properties and its Applications to Real Life Data, International Journal of Statistics and Applied Mathematics. Vol7, Issue 6,pp. 01-09 |
| 146. | G. Prabavathi and R. Elangovan (2022) A New Generalized Weibull - Gamma Frailty Model in Survival Analysis, International Journal of Scientific Development and Research (IJS DR). Vol 7, Issue 9, pp. 309-316 |

Invited Talk/ Guest Lecturer/Special Lecturer Delivered: 68

| Sl. No. | Invited Talk/ Guest Lecturer/Special Lecturer Delivered |
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| 1. | Delivered an Invited talk entitled “On Some Statistical Techniques for Data Analysis”, Theivanai Ammal College for Women, Villupuram. 30 th November 2005. |

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| 2. | Delivered a Lecture in Prof. K. S. Sonachallam Memorial, XVI Interdisciplinary Research Methodology Workshop, Department of Economics, Annamalai University, Annamalainagar. 9-12 February 2006. |
| 3. | Delivered an Invited talk entitled “Computer Oriented Statistical Data Analysis”, Theivanai Ammal College for Women, Villupuram. 28 th February 2007. |
| 4. | Delivered an Invited talk entitled “Optimal Policy for Hiring of Specialist Service in Manpower Planning” in the National level Conference on “Optimization Techniques in Engineering and Technology”, KirupanandaVariyar Engineering College, Vinayaka Mission University, Salem, India. 28-29, March 2008. |
| 5. | Delivered an Invited talk entitled, “Least Squares Versus Least Absolute Deviations Regressions Estimation in Regression Models”, Department of Statistics, 96 th Indian Science Congress, Shillong, Meghalaya, on 3 – 7 January, 2009. |
| 6. | Delivered an Invited talk entitled “Estimation of Expected Time to Seroconversion of HIV infected” in the National Conference on Recent Trends in Biotechnology, Department of Biotechnology, Dr. N.G.P. Arts and Science College, Coimbatore, India. 30 th and 1 st September, 2010. |
| 7. | Delivered a Lecture entitled in the Instructional Workshop on Random Process and Their Applications, Department of Mathematics, Annamalai University, Annamalainagar. 10-23, November 2010. |
| 8. | Delivered an Invited talk entitled “Use of SCBZ Property for Replacement Strategies in Manpower Planning” in the UGC Sponsored National Conference on Recent Advances in Statistics and Computer Applications, Department of Statistics, School of Mathematics and Statistics, Bharathiar University, Coimbatore, India. 21-23, December 2010. |
| 9. | Deliver a Special Lecturer entitled “Multivariate Analysis Technique in Nursing in the National Level CNE Workshop on “Global Status of Nursing Research”, Adhiparasakthi College of Nursing, Melmaravathur. 28.01.2011 |
| 10. | Delivered an Invited talk entitled “Application of Data Mining in Bioinformatics” in the International Conference on Bio-Informatics and System Biology, Department of Zoology, DDE, Annamalai University, Annamalainagar, India. 16-17, February 2011. |
| 11. | Delivered an Invited talk entitled “Estimation of the Likely time for Seroconversion in HIV Injection” in the International Conference on Natural Products and Biomedical Technology, Department of Biochemistry and Biotechnology and Faculty of Marine Science, Annamalai University, Annamalainagar, India. 10-12, January, 2011. |
| 12. | Delivered an Invited talk on 5 th National Statistics Day cum “Summer Training Program on Optimization and Business Analytics, Department of Statistics, Sri Venkateshwara University, Tirupati, India. 29-30, June 2011. |
| 13. | Resource person for Mathematical Sciences papers II and III, SET Coaching Programme for SC/ST, Minority and OBC Students, Department of Economics, Annamalai University, Annamalai Nagar from 13.07.2011 to 12.08.2011. |
| 14. | Delivered a Lecture entitled “Variable Selection for Survival Analysis” in the ISI, Kolkata, 23-25, November 2011. |
| 15. | Delivered a Lecture entitled “Statistics and its Applications: Computer Oriented Statistical Data Analysis. UGC Academic Staff College, Bharathidasan University, Tiruchirappalli. 10.05.2012. |
| 16. | Delivered an Invited talk on Stochastic Models for Manpower Planning, Department of Statistics, ManonmaniamSundaranar University, Tirunelvely, 27-28, September 2012 |

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| 17. | Delivered an Invited talk titled “Cox’s Proportional Hazards Model Under Correlated Survival Times-Frailty and Marginal Model”, Department of Mathematics and Statistics, Indian Institute of Technology, Kanpur. 3-5 December 2012. |
| 18. | Delivered a Lecture on entitled “Statistical Methods and its Applications”, ICPR Sponsored Refresher Course (Multidisciplinary) Teaching Value Education, Department of Philosophy, Annamalai University, Annamalainagar. 6-26, June 2012. |
| 19. | Delivered an Invited talk entitled “A Study on Multiple Myeloma Using Cox’s Proportional Hazards Model”, International Conference on Phytochemical in Health and Disease: Challenges and Future Opportunities, Department of Biochemistry and Biotechnology, Annamalai University, Annamalainagar, 23-25, January 2013. |
| 20. | Delivered an Invited talk entitled “Scope for the Graduates of Statistics”, Department of Statistics, Periyar Arts College, Cuddalore, 4 th January 2013. |
| 21. | Delivered an Invited talk entitled “Reliability and Survival Analysis”, International Year of Statistics: Special National Training on “Applications of Statistical Methods”, Department of Statistics, Bharathidasan University, Trichirapallei, 3 rd October 2013. |
| 22. | Delivered an Invited talk entitled “ A Stochastic Model to Determine the Expected time to Recruitment with three sources of depletion of manpower under correlated interarrival times in the International Conferences on Recent Advances in Statistics and theory applications, Department of Statistics, Dr, Babasaheb Ambedkar Marathwada University Aurengabad (M.S), India. December 26-28, 2013. |
| 23. | Delivered an Invited talk entitled,” Advance Training Programme in Statistics, Department of Statistics, Indira Gandhi College of Arts and Science, Kathirkamam, Puducherry, 8 to 22, November 2013. |
| 24. | Delivered an Invited talk entitled ‘Variable Selection for the Accelerated Failure time model in International Workshop on Reliability Theory and Survival Analysis, Department of Statistics, Cochin University of Science and Technology. Dec 31- Jan 2, 2014 |
| 25. | Delivered an Invited talk entitled “Variable Selection for a Parametric and Non-Parametric Competing risk model” in the National Conference on Mathematical Modelling, Department of Mathematics, Annamalai University, February, 21-22, 2014. |
| 26. | Delivered an Invited talk entitled “Variable Selection for Cox’s Models” in the National Conference on Advances in Statistical Theory, Modeling and Applications, Department of Statistics, Bharathiar University, Coimbatore, during March 27-28, 2014. |
| 27. | Delivered an Invited talk entitled “Applied Regression Analysis” in the Multiplicity of Paradigms in Social Science Research- Critical Analysis of Trends and Issues, Department of Statistics, Periyar Arts College, Cuddalore, during 9-10, 2014. |
| 28. | Delivered an Invited talk entitled “Cox’s Proportional Hazard Model” in the Workshop on Reliability Theory and Survival Analysis, Department of Statistics, Annamalai University, Annamalainagar, 17 to 19 November, 2014. |
| 29. | Delivered an Invited talk entitled “Least Absolute Residual Estimate for the Accelerated Failure Time Model”, Department of Statistics, Annamalai University, Annamalainagar, 17 to 19 November, 2014. |
| 30. | Delivered an Invited talk entitled “Binary Logistic Regression Approach For The Prediction of Incidence of Tuberculosis”, in the international conference on “New Horizons in Statistical Modeling and Applications”, Department of Statistics, Presidency College (autonomous), Chennai, 27 to 28 February 2015. |
| 31. | Delivered an Invited talk entitled “Estimation of Expected time to sero conversion with the change in the virulence distribution”, Department of Statistics, University of Lucknow, November 28-30, 2015 |

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| 32. | Delivered an Invited talk entitled “Variable Selection for the Accelerated Failure time model” in the International Workshop on Reliability theory and Survival Analysis, Department of Statistics, Cochin University of Science and Technology, Cochin, December 31, 2013 – January 2, 2014. |
| 33. | Delivered an Invited talk entitled “Stochastic Model to Determine the Expected time to Recruitment with three sources of depletion of manpower under correlated interarrival times” in the Seventh International Conference on Dynamic Systems and Applications & Fifth International Conference on Neural, Parallel and Scientific Computations, Atlanta, Georgia, USA, May 27-30, 2015. |
| 34. | Delivered an Invited talk on “Social development: Health, Education, Poverty, Employment, Social backwardness, Housing and Environmental” in the celebrations of “Statistics Day” organize by Ministry of Statistics and Programme Implementation, Government of India through National Sample Survey Organization (NSSO), Field Operations Divisions (FOD), Tamilnadu (South) Region, Madurai, at Sub-Regional Office, Thanjavur, on 29 June 2015. |
| 35. | Delivered an Invited Talk on “Inferential Methods for Cure Rate Model” International Conference on Statistics for Twenty-first Century-2015 Department of Statistics, University of Kerala, Trivandrum During 17-19 December 2015. |
| 36. | International Conference on Statistics and Related Areas for Equity, Sustainability Development in Conjunction Department of Statistics, University of Lucknow, Lucknow, India. |
| 37. | Delivered an Invited Talk on “Cure Rate Models” International Workshop on Reliability and Survival Analysis, Organized by the Department of Statistics, Panjab University, Chandigarh during Nov.4-6,2015 |
| 38. | Invited Presentation on “Stochastic Model to Determine the Expected Time to Recruitment with Three sources of Depletion of Manpower under Correlated Interarrival Time” Seventh International Conference on Dynamic Systems and Application. USA. During May 27 to 30, 2015. |
| 39. | Delivered the lecture on fractional calculus in the national conference on recent trends in Fractional Calculus theory and applications at LokneteVyankatraoHiray Arts, Science & Commerce College, Panchavati, Nashik-3(Maharashtra State) on 10 th March 2016 |
| 40. | Delivered the lecture on “Prediction the growth of Manpower using Markov Chain Approach” in the International Conference on Business Decision Making- Ancient Indian business paradigms, computer technologies for future, Department of Business Administration, Annamalai University, Annamalai Nagar January 6 th & 7 th , 2016. |
| 41. | Delivered on invited talk on “Stochastic Degradation Models” in the international workshop on Reliability Theory and Survival Analysis Savitribai Phule Pune University, Pune,3-5, November 2016. |
| 42. | Delivered and Invited talk on “Predicting the Growth of manpower system using Markov Chain Approach” VIII International Seminar on Statistical Inference, sampling and optimization Techniques and related areas (ISSAC-2016), Department of Statistics and Operation Research, Aligarh Muslim University,Aligarh,India During December 17-19 2016. |
| 43. | Delivered an Invited Talk On “Stochastic Degradation Model” National conference on Present Scenario in Statistical Research & Application. PSG College of Arts & Science, Coimbatore, 10 to 11 Feb 2017. |

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| 44. | Delivered an Invited Talk on “Cox’s Proportional Hazard and Accelerated Failure Time Models for Survival Analysis” International Indian Statistical Association (IISA) 2017 International Conference on Statistics, to be held in Hyderabad, India, on December 28-30, 2017. |
| 45. | Delivered an Invited Talk on “Stochastic Degradation Process Using Several Accelerating Variables” workshop on Reliability Theory & Survival Analysis. ISI Kolkata, November 20-22, 2017. |
| 46. | Delivered an Invited Talk on "Adaptive Design in Clinical Trials" The X th International conference on multiple comparisons procedures, University of California, USA, June 20-23 2017 |
| 47. | Delivered an Invited Talk on " Stochastic Degradation Model" in UGC Sponsored Two-days National Conference on "Present Scenario in Statistical Research & Applications”, Department of Statistics college of Arts and Science, Coimbatore on 10-11, February 2017 |
| 48. | Delivered an Invited Talk on “Stochastic Degradation Model for Simple Step-Stress Model Using Inverse Gaussian Process” International Conference on Theory and Applications of Statistics and Information Sciences (<i>TASIS 2018</i>), 05-07, January 2018, at Bharathiyar University Coimbatore. |
| 49. | Deliver the Talk on Data Recruitments for Research Scholars" in Regional Level Conference on Statistical Data Sharing, 23.02.2018, at Nagappattinam |
| 50. | Delivered an Invited Talk on “Non-Parametric Test” One-week short term course on Experimental Data Analysis and Winning Research Proposal on 27.11.2018 at Annamalai University, Annamalai Nagar. |
| 51. | Delivered an Invited Talk on “Fractional cumulative Risk Model using Weibull Triangular and Weibull Trapezoidal Distributions”, Organized by Department of Statistics, Annamalai University, during 15" and 16" of March, 2018. |
| 52. | Delivered an Invited Talk on “Research Methodology Workshop on Research Tools and Techniques" organized by the Department of Library and Information Science, Annamalai University on 27th April 2018. |
| 53. | Delivered an Invited Talk on “Competing risks in Current Status Data” International Conference on Advances Statistical methods and Data Science at Department of Statistics, University of Madras on 22.12.2018. |
| 54. | Delivered an Invited Talk on “Stochastic Degradation Process using Accelerated Life Testing” International Conference on Emerging Innovations in Statistics & Operations Research (EISOR-2018) at Department of Statistics, M.D. University, Rohtak during on Dec 27-30, 2018. |
| 55. | Delivered an Invited Talk on “Stochastic Degradation process for cumulative Damage Model in Accelerating variable using Generalized Pareto distribution”, Organized by Department of Statistics, Annamalai University, during 15" and 16 of March, 2018. |
| 56. | Delivered an Invited Talk on “Statistical opportunities in Multidisciplinary Research” National Conference on Statistical Opportunities and Challenges in Multidisciplinary Research at Department of Statistics, St. Joseph’s college, Tiruchirappalli, during on 14.12.2018. |
| 57. | Delivered an Invited Talk on Interdisciplinary Research methodology workshop “Data Collection and Processing of Data, Department of Economics, Annamalai University, Annamalai Nagar During on 23 to 29 march 2018. |
| 58. | Delivered an Invited Talk on "Research Methodology, Scientific Writing and Critical Analysis of Scientific Publications" Annamalai University, Department of Pharmacy ,4" to 9" June 2018. |
| 59. | Delivered an Invited Talk on “Optimization in matching methods through R Packages” National Seminar on Optimization, Inference, Sampling Techniques and |

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| | Related Areas at Department of Statistics and Operation Research, Aligarh Muslim University, during March 9-10, 2019. |
| 60. | Delivered an Invited Talk on “Stochastic Degradation models using Accelerating variables” International workshop on adva in stochastic modeling and its applications (IWRTSMA 2019) at Dept. of Statistics, ManonmaniamSundaranar University, Tirunelveli on 11 &12 January, 2019. |
| 61. | Delivered an Invited Talk on “Climate Resilient Agriculture for Abiotic Stress – A Statistical Appraisal” UGC SAP National Seminar on Climate Resilient Agriculture for Abiotic Stress at Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University on 12 th and 13 th , March, 2019. |
| 62. | Delivered an Invited Talk on “Nonparametric estimation of current status competing risk data” National conference on Statistical Theory, Modeling and Applications (NCoSTMaA-2019) at Department of Statistics, Bharathiyar University Coimbatore, during march 14-15, 2019. |
| 63. | Delivered an Invited Talk on “A study on new Length Biased Distribution using blood Cancer Data”, (NTSPQCR 2019) Organized by the Department of Statistics, Annamalai University during 11th and 12th of July 2019. |
| 64. | Delivered an Invited Talk on “Inferential Procedures for the Proportional Hazards model with competing Risks and current Status Data, (NTSPQCR 2019) Organized by the Department of Statistics, Annamalai University during 11th and 12th of July 2019. |
| 65. | Delivered an Invited Talk on “Competing risks in current status data using R – Programming” New Trends on SQC, Reliability with R – Programming at Department of Statistics, Acharya Nagarjuna University, Guntur, during on 30 th & 31 st January, 2019. |
| 66. | Delivered an Invited Talk on “Current status data based on Censoring” National Conference on Trends in Statistics and Applications at Department of Statistics, Government Arts College, Coimbatore, during 25 th February 2019. |
| 67. | Delivered an Invited Talk on “Parametric and Non-Parametric Test” National Seminar on “Quantitative Techniques in Research Data Analysis. Faculty of Agriculture, Annamalai University, Annamalai Nagar During on 19 & 20 September 2018 |
| 68. | Delivered an Invited Talk on “Competing Risks Current Status Data” National Seminar on “Advanced Statistical Methods and Application”. Department of Statistics, Government Arts College (Autonomous), Salem-636007, Tamil Nadu, India 17 th February, 2020 |
| 69. | Delivered a lecture on “Methods of Determination of Function of Random variables”, Department of Statistics, University of Madras, Chennai ,13.10.2020 |
| 70. | International Conference on Recent Trends in Stochastic Modelling and its Applications title is “Non-Parametric Inference for internal Censored Current Status Data with Competing Risks”, Department of Statistics, MononmaniamSundaranar University. Tirunelveli, Tamilnadu, India during January 9 th to 11 th 2020 |
| 71. | Delivered an Invited Talk on “Applications of Statistical Methods for Social Sciences”, Dwaraka Doss Govendhan Doss Vaishnav College (Autonous), Arumbakam, Chennai. 29.01.2021 |
| 72. | Delivered an Invited talk on “Statistics and its Applications” New Arts and Commerce College, Tikota BLDE Association's,Vijayapur Internal Quality Assurance Cell& Department of Statistics. 23th July 2021 |
| 73. | Delivered an Invited talk on,”Variable Selection for Cluster Failure Time Data”“Emerging Trends in Statistics and Data Science in Conjunction with 40 th |

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| | Annual Convention of India Society for Probability & Statistics (ISPS), University of Kerala, Trivandrum, 7 to 10, September 2021. |
| 74. | Delivered an Invited talk on “Accelerated Failure Time Models Using Frailty in Survival Analysis” International Virtual Conference on “Statistics and Data Science: Theory and Practice for Progress and Prosperity”, Department of Statistics, University college of science, Osmania University, Hyderabad, on 11 to 13 March, 2022 |

Coordinator

| Sl. No. | Coordinator | Project Coordinator Period |
|---------|------------------|-------------------------------|
| 1 | DST-FIST-Phase I | From 01.03.2018 to 28.02.2021 |
| 2 | UGC-SAP-DRS I | From 01.04.2016 to 31.03.2022 |

Paper Presented in the National, International Level Conferences, Seminars and Symposium

a) National Conferences/Seminars/Symposium/Workshop

Attended and Paper Presented : 65 (Fifty Five)

b) Poster Presentation : 3 (Three)

c) International Conferences/Workshops

Attended and Paper Presented : 33 (Twenty Five)

d) Best Teacher Award : 1

Total : 102 (Eight Four)

| Sl. No. | Paper Presented: National Level/International Level / Conferences/Seminars/ Symposium |
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| 1. | U.G.C Sponsored Seminar on “Application on Graph Theory and Stochastic Processes”, Department of Mathematics, A.V.C. College, Mayiladuthurai, Tamil Nadu, India. 17-18 February 1995. |
| 2. | National Seminar on Statistics, Department of Statistics, Salem Sowdeswari College, Salem, Tamil Nadu, India. Title of the paper “An Algorithm for Clustering Sample Observations from Exponential Distributions”, 22, October 1999. |
| 3. | National Seminar on Statistical Modelling, Department of Statistics, Shivaji University, Kolhapur, India. Title of the paper “An Optimal Policy for Hiring of Expertise Service in Manpower Planning”, 25-27, November 1999. |
| 4. | Annual Conference on Indian Society for Agricultural Statistics, Department of Statistics, St. Josephs College, Tiruchirappalli, Tamil Nadu, India. Title of the paper “Forecasting Rainfall for Agricultural Application”, 2-4, December 1999. |
| 5. | National Conference on Statistics and its Applications, Tiruchirappalli, Tamil Nadu, India. Title of the paper “An Application of Least Absolute Value Analysis of Variance”, 5 th of December 1999. |
| 6. | National Conference on Reliability Analysis, Department of Statistics, Cochin University of Science and Technology, Cochin, India. Title of the Paper “Cox Regression Model in the Analysis of Completed Length of Service under Shock Model Approach”, 28-29, December 1999. |
| 7. | National Seminar on Probability Models and Applied Statistics, Department of Statistics, University of Calicut, Kerala, India. Title of the paper “Optimal Time |

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| | Interval Between Recruitment Programmes – Shock Model Approach”, 24-25, February 2000. |
| 8. | UGC National Seminar on Institute – Industry Interactions – Ways and Means, School of Management, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper “On the Application of Statistical Models for Recruitment in Industries”, 21 st of March 2000. |
| 9. | National Conference on Statistical Inference and Reliability. Department of Statistics, Panjab University, Chandigarh, India. Title of the paper “On the Propensity of Leaving a Job using Shock Model Approach and CoxRegressionModel”, 15-17, November 2000. |
| 10. | Southern Regional Conference on Research Trends in Commerce, Department of Commerce, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper “On Some Aspects of Data Collection in Research Problems”, 24-25, November 2000. |
| 11. | UGC-CSIR Sponsored National Symposium on Statistics Methods and Applications, Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper “Replacement Strategies in Manpower Planning – A Review”. 15 – 16, March 2002. |
| 12. | UGC Sponsored National Symposium on Globalization of Business Organized by the School of Management, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper “Time Series Model for Business Forecasting”. 27 March 2002. |
| 13. | International Symposium and Advances in Statistical Methods and Application (ISASMA), Department of Statistics, University of Madras, Chennai, Tamil Nadu, India. Title of the paper “On the Determination of Optimal Policy for Hiring Expertise Service in Manpower Planning”, 21-22, December 2000. |
| 14. | International Conference on Statistical Inference and Reliability to honor Prof. Jayand V. Deshpande along with The XXI Annual Conference of Indian Society for Probability and Statistics (ISPS) and Annual Conference of Indian Chapter of International Society of Bayesian Analysis, Department of Statistics, Panjab University, Chandigarh, India. Title of the paper “Shock Model Approach to the Determination of Optimal Time Interval Between Recruitments”, 21-24, December 2001. |
| 15. | “A study on some strategies for Women into IT PROFESSION” in the WIT 2002 Conference that was held at the LIBA, Library Building, Annamalai University, Annamalainagar-608 002 (INDIA) in the Sessionattended the conference from 29th & 30th August 2002. |
| 16. | U.G.C. Sponsored National Seminar on Women Empowerment through Microfinance (WEM), Department of Agricultural Economics, Faculty of Agriculture, Annamalai University, Tamil Nadu, India. Title of the paper “Socio-Economic Study of the Self Help Groups–A Multivariate Approach”, 7-8 March 2003. |
| 17. | U.G.C. National Seminar on Changing Youth Population: A New Challenge, Department of Population Studies, Annamalai University, Tamil Nadu, India. Title of the paper “Age – Structured Compartmental Models – A Review”, 26 – 27, March 2003. |
| 18. | 18 th Annual conference of the Ramanujan Mathematical Society, Department of Mathematics, Annamalai University, Tamil Nadu, India. Title of the paper “Estimation of Incomplete Manpower Data Using Weibull Distribution”, 17-20, July 2003. |

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| 19. | International Conference on Women in the Digital Era: Opportunities and Challenges, Department of Library and Information Science, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper presented “An Appraisal of Indian Women Empowerment Through Information Technology Profession “, 10-12 th December 2003. |
| 20. | U.G.C Sponsored National Seminar on “Managing Business in Knowledge Age”, Management Wing, Directorate of Distance Education, Annamalai University, Tamil Nadu, India. Title of the paper “A Statistical Study on the Role of Information Technology in Management”. 20 – 21 February 2004. |
| 21. | National Seminar on Recent Developments in Reliability and Biostatistics. Department of Statistics, Chennai, Tamil Nadu, India. Title of the paper “An Analysis of the Estimation of Censored Data in Manpower Planning”. 26-27, March 2004. |
| 22. | International Conference on Statistics in Health Sciences. Nantes University, Nantes, France. Title of the paper “The Immunization and Nutritional Status Among Children aged under Five in a Major District in India”, 23-25, June 2004. |
| 23. | International Conference on the Future of Statistical Theory, Practice and Education, Indian School of Business, Hyderabad, Andhra Pradesh, India. Title of the paper presented “Appraisal of Least Absolute Value Analysis of Variance”, December 29, 2004 – January 1, 2005. |
| 24. | International Conference on Recent Developments in Statistics and Their Applications, Department of Statistics, Sri Venkateswara University, Tirupati, India. Title of the paper presented “the Recruitment Using Shock Model Approach”, 3-4 January 2005 |
| 25. | International Conference on Recent Developments in Statistics and Their Applications, Department of Statistics, Sri Venkateswara University, Tirupati, India. Title of the paper presented “A Study on the Estimation on Censored Data in Manpower Planning “, 3-4 January 2005. |
| 26. | UGC National Seminar on Present Scenario in Plant Science Research, Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper presented “Designs for Intercrops Raising “, 19-20 February 2005. |
| 27. | UGC sponsored National Seminar on New Frontiers of Soil Science Research towards Sustainable Agriculture, Department of Soil Science and Agricultural Chemistry, Faculty of Agriculture, Annamalai University, Tamil Nadu, India. Title of the paper presented “Design and Analysis of Data from Intercropping Experiments”, 11-12 March 2005. |
| 28. | International Conference on Statistics in Honor of Professor Kai-Tai Fank’s 65 th Birth Day, Hong Kong Baptist University, Hong Kong. Title of the paper presented “Optimal Policy for Hiring of Expertise Service in Manpower Planning”, 20-24 June 2005. |
| 29. | International Conference on Emerging Adaptive Systems and Technologies (EAST – 2005). Noorul Islam College of Engineering, Kumarakoil, Thucklay – 629 180, Kanyakumari District, Tamil Nadu, India. Title of the paper presented “Women Students in Information Technology – A Statistical Appraisal of Kanyakumari District “, 16-17 th December 2005. |
| 30. | International Conference on Gender Issues in E-Society (WIT-2005). Annamalai University Women’s Training Centre in ICT, India, Computing Research Association Women Chapter Washington DC, USA and Department of Computer Science and Mathematics, University of House-Downtown, Texas, USA. Title of the paper presented “Role of Rural Women Students in ICT – A Statistical Appraisal of Cuddalore District”, 19-20 th December 2005. |

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| 31. | National Seminar on Health Sector Reforms, Division of Community Medicine, Rajah Muthiah Medical College and Department of Economics, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper presented “Assess the Immunization and Nutritional Status Among U/5 Children in the Thuraiyur Taluk of Trichy District in Tamil Nadu”, 30-31 January 2006. |
| 32. | National Workshop on Recent Trends in Tribal Demography, Department of Population Studies, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper presented “A Study on Status of Tribal Women in India “, 23-24 th February, 2006. |
| 33. | UGC Sponsored National Seminar on Statistical Models and Methods for Data Analysis (NSSMMDA-2006) – Recent Developments, Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper presented “Application of Reliability Theory in Manpower System Analysis “, 8-9 th March 2006. |
| 34. | National Colloquium on “Behavioral Dimension in Human Resource Management”, Directorate of Distance Education, Management Wing, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper presented “A Stochastic Model to Determine the Expected Time to Recruitment in Manpower Planning”, 30 th March 2006. |
| 35. | XXX Indian Social Science Congress, Indian Academy of Social Sciences, Alagappa University, Karaikudi, Tamil Nadu, India. Title of the paper presented “A Study on Structural Change in a Markov Manpower Model “, 27-31 st December 2006. |
| 36. | XXX Indian Social Science Congress, Indian Academy of Social Sciences, Alagappa University, Karaikudi, Tamil Nadu, India. Title of the paper presented “Estimation of Expected Time to Recruitment with Wastage Threshold Distribution as Truncated “, 27-31 st December 2006. |
| 37. | XXX Indian Social Science Congress, Indian Academy of Social Sciences, Alagappa University, Karaikudi, Tamil Nadu, India. Title of the paper presented “Replacement Strategies in Manpower Planning”, 27-31 st December 2006. |
| 38. | XXX Indian Social Science Congress, Indian Academy of Social Sciences, Alagappa University, Karaikudi, Tamil Nadu, India. Title of the paper presented “On the Time to Cross the Antigenic Diversity Threshold in HIV Infection – A Stochastic Approach”, 27-31 st December 2006. |
| 39. | 94 th Indian Science Congress, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper (Poster Presentation) “Progressively Censored Reliability Sampling Plans”, 3-7 th January 2007. |
| 40. | 94 th Indian Science Congress, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper (Poster Presentation) “Applications of Cox’s Regression Model in the Analysis of Wastage of Manpower Data “, 3-7 th January 2007. |
| 41. | 94 th Indian Science Congress, Annamalai University, Annamalai Nagar, Tamil Nadu, India. Title of the paper (Poster Presentation) “On the Application of Replacement Strategies for Promotion in Manpower Planning”, 3-7 th January 2007. |
| 42. | Association of Economists of Tamil Nadu 27 th Annual Conference, Theivanai Ammal College for Women, Villupuram, Tamil Nadu, India. Title of the paper presented “Socio-Economic Study of the SHG’s – A Statistical Appraisal of Villupuram District”, 27-28 th January 2007. |
| 43. | National Seminar on Stochastic Processes its Applications, Department of Mathematics, Annamalai University, Annamalai Nagar, India. Title of the paper presented “Least Absolute Deviation Regression”, 15-16 th March 2007. |

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| 44. | National Conference On "Optimization Techniques in Engineering and Technology held at V.M.K.V. Engineering College on March 28th and 29th 2008 |
| 45. | International Conference on Indigenous Management Practise, Department of Business Administration, Annamalai University, Annamalainagar, India. Title of the Paper presented "Human resource Management Strategy for Attainable and Maintainable Structures in a Graded Manpower Systems", 16 th to 18 th July 2009. |
| 46. | International Conference on Indigenous Management Practise, Department of Business Administration, Annamalai University, Annamalainagar, India. Title of the Paper presented "A HRM Strategy for Estimating the Time to Recruitment", 16 – 18 July 2009. |
| 47. | National Seminar on Climate Change and Environment Challenges "Handling and Treatment of Waste – A Statistical Methodology of Appraisal" Department of Botany, Annamalai University, on 7 to 8, March ,2009. |
| 48. | National Seminar on Globalization and Development Issues, Directorate of Distance Education, Sociology Wing, Annamalai University, Annamalainagar, India. Title of the Paper presented "Attitudes of Employees towards Globalization and Development", 18-19, March 2009. |
| 49. | National Conference on Mathematical Modelling – 2009, Department of Mathematics, Annamalai University, Annamalainagar, India. Title of the Paper presented "Variance Estimation for the Regression Estimations in Two Phase Sampling", 26-28, March 2009. |
| 50. | National Conference on Mathematical Modelling – 2009, Department of Mathematics, Annamalai University, Annamalainagar, India. Title of the Paper presented "Stochastic Model for the Estimation of Expected Time to Recruitment Due to Wastage", 26-28, March 2009. |
| 51. | UGC Sponsored National Seminar on Millennium Development Goals: Achievements and Problems in India, Department of Population Studies, Annamalai University, Annamalainagar, India. Title of the Paper presented "A Study on Physiological Characteristics of HIV/AIDS Epidemic", 30-31, March 2009. |
| 52. | National Conference on Mathematical Modelling in Biology and Medicine, Department of Mathematics & Department of Biomedical Engineering, Rajalakshmi Engineering College, Thandalam, Chennai, India. Title of the Paper presented "On the Time to Cross the Antigenic Diversity Threshold in HIV Infection-A Stochastic Approach", 20-21, August 2009. |
| 53. | UGC Sponsored National Seminar on Profitability Through Creativity and Innovation, Department of Business Administration, Annamalai University, Annamalainagar, India. Title of the Paper presented "Optimisation Model for Hiring of Specialised Service in Human Resource Management", 10 th March, 2009. |
| 54. | International Conference on Statistics, Probability, Operations Research, Computer Science and Applied Areas, Department of Statistics, Andhra University, Visakhapatnam, Title of the Paper presented "Determination of Optimal time to Recruitment in a two-grade organization", 4 th to 8 th January 2010. |
| 55. | International Conference on Statistics and Information Analytics, Department of Statistics, Loyola College, Chennai, India, Title of the Paper presented "Stochastic Model for Determination of Expected Time to Recruitment", 11 th to 13 th January 2010. |
| 56. | International Conference on Bioinformatics and System Biology, Department of Biotechnology, Annamalai University, Annamalainagar, India. Title of the Paper presented "A Stochastic Model to Determine the Expected Time to Cross the Antigenic Diversity Threshold in HIV Infection". 19 th to 21 st February 2010 |

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| 57. | International Conference on Management Practices for Sustainable Growth, Department of Business Administration, Management Wing, DDE, Annamalai University, Annamalainagar, India. Title of the Paper presented “Prediction of Manpower Wastage in Tamil Nadu Software Industry using Cox’s Regression Approach”, 28 th to 30 th July 2010. |
| 58. | International Conference on Management Practices for Sustainable Growth, Department of Business Administration, Management Wing, DDE, Annamalai University, Annamalainagar, India. Title of the Paper presented “Determination of Expected Time to Recruitment when the Attrition Threshold has Three Components”, 28 th to 30 th July 2010. |
| 59. | National Conference on Recent Trends in Biotechnology, “Estimation of Expected time to Seroconversion of HIV infected” held at the Dr.N.G.P.Arts and Science college on September 30 & October 1. 2010 |
| 60. | International Conference on Development and Applications of Statistics in Emerging Areas of Science & Technology, Department of Statistics, University of Jammu, India. Title of the Paper presented “A Stochastic Model to Determination of Optimal Recruitment using Order Statistics”, 8 th to 10 th December 2010. |
| 61. | National Conference on Sustainable Community Construction Concepts for Evolving the Slums, Department of Civil Engineering, Faculty of Engineering and Technology, Annamalai University, Annamalainagar, India. Title of the Paper presented “A Study on the Sustainable Community of Slum Dwellers – Socio Economic Welfare Evolution”, 20-21, February 2010. |
| 62. | UGC Sponsored National Seminar Cum Workshop on Recent Trends in Plant Science Research, Department of Botany, Annamalai University, Annamalainagar, India. Title of the Paper presented “Effect of Salinity on Biochemical Components of the Mangrove, <i>Lumnitzera racemosa</i> Willd – A Statistical Methodology of Appraisal”, 18-20, February 2010. |
| 63. | Interdisciplinary National Seminar on Biodiversity Conservation and Sustainable Development in Connection with 2010 International year of Biodiversity, Directorate of Distance Education, Economic Wing, Annamalai University, Annamalainagar, India. Title of the Paper presented “A Study on Sustainable Development of Women Empowerment through Self-Help Groups”, 20-21, December 2010. |
| 64. | “Use Of Scbz Property For Replacement Strategies In Manpower Planning” in the National Conference held during 21-23 Dec. 2010 at the Department of Statistics, Bharathiar University, |
| 65. | National Seminar on Women Empowerment: Issues & Strategies, Directorate of Distance Education, Sociology Wing, Annamalai University, Annamalainagar, India. Title of the Paper presented “Women Empowerment through self Help Groups – An Appraisal of Villupuram Dist”, 1-2, April 2010. |
| 66. | International Conference on “Management Practices for Sustainable Growth “ (ICMPSG), 2010) Department of Business Administration, Annamalai University. Title of the paper presented “Prediction of Manpower Wastage in Tamilnadu Software Industry Using Cox’s Approach”, 28-30, July 2010. |
| 67. | Indian International Statistical Association and North Carolina State University International Conference on Statistics, Probability and Data Analysis, Department of Statistics, North Carolina State University, Raleigh, NC, USA. Title of the paper presented “On the Determination of Optimal Manpower Reserve at three nodes in Series”. 21 st to 24 th April 2011. |

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| 68. | International Conference on Leading Beyond Horizon: Engaging Future, Department of Business Administration, Annamalai University, Annamalainagar, India. Title of the Paper presented "Migration of Software Personnel – A Study from HRM view Point. 28 th to 30 th July 2011. |
| 69. | National Seminar on Ageing: Issues and Strategies, Directorate of Distance Education, Sociology Wing, Annamalai University, Annamalainagar, India. Title of the Paper presented "Perceptions of youth on Aged – A Statistical Methodology of Appraisal", 11-12, January 2011. |
| 70. | Workshop on "Multiplicity of Paradigms in Social Science Research - Critical Analysis of Trends and Issues" as a delegate and delivered an Invited Lecture a paper entitled "ON APPLIED REGRESSION ANALYSIS" on 9. 4. 2012. |
| 71. | International Conference on Synchronizing Management Theories and Business Practices: Challenges Ahead. Department of Business Administration, Annamalai University, Annamalai Nagar, India. Title of the Paper presented "A HRM Strategy to determine the optimal manpower reserve at three nodes in series". 27 th to 29 th July 2012. |
| 72. | International Conference on Frontiers of Statistics and its applications and 32 nd Annual Convention of Indian Society for Probability and Statistics. Department of Statistics, Pondicherry University, India. Title of the Paper presented "Stochastic Models for Manpower Planning". 21 st to 23 rd Dec 2012. |
| 73. | Workshop on Reliability Theory and Survival Analysis in "Cox's Proportional Hazards Model Under Correlated Survival Times-Frailty and Marginal Model" December 3-5, 2012 |
| 74. | International Conference on Mathematical Modelling and its Applications. Department of Mathematics, Annamalai University, Annamalai Nagar, India. Title of the Paper presented "Variable Selection for Multivariate Failure Time Data". 22 nd to 24 th Dec 2012. |
| 75. | National Seminar on "Recent Advances in Computational Statistics – Theory and Methods" title on "Data Mining and Knowledge Discovery in Database", Department of Statistics, Bharathidasan University, Tiruchirappalli, 17-18, February, 2012. |
| 76. | National Conference on Stochastic Modelling and its Applications. Department of Statistics, Manonmaniam Sundaranar University, Thirunelveli, India. Title of the Paper presented "Stochastic Modelling and its Applications". 26 th to 28 th Sep 2012. |
| 77. | ISBA Regional Meeting and International Conference on Bayesian Theory and Applications. Department of Statistics, Banaras Hindu University, Varanasi, India. Title of the Paper presented "Bayesian Variable Selection for Cox's Regression Model". 6 th to 10 th Jan 2013. |
| 78. | International Conference on Phytochemicals in Health and Disease: Challenges and Future Opportunities. Department of Bio-chemistry and Biotechnology in collaboration with Faculty of Marine Sciences. Annamalai University, Annamalai Nagar, India. Title of the Paper presented "A study on Multiple Myeloma using Cox's proportional hazards model", 23 rd to 25 th Jan 2013. |
| 79. | National Conference on Production and Consumption of Genetically Modified Food. Title of the Paper presented "Production and Consumption of Genetically Modified Food: A Statistical Perspective" Directorate of Distance Education, Economics Wing, Annamalai University, during 18-19, December 2013. |
| 80. | International Conference on "Recent Advances in Statistics and their Applications" (ICRASTAT 2013) "A Stochastic Model to Determine the Expected Time to Recruitment al with three sources of Depletion of Manpower under Correlated |

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| | interarrival times" held in the Department of Statistics, Dr.Babasantmoukarrathwada University, Aurangabad . December 26-28, 2013 |
| 81. | Variable selection for the Time model in the International Workshop on Reliability Theory and Survival Analysis during December 31, 2013 January 2, 2014 at Department of Statistics, Cochin University of Science and Technology, |
| 82. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Estimation of the Survival Function based on Censored Data", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 83. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Optimal Component Test Plans for a Parallel Systems Based on Censoring", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 84. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Survival Trend of HIV/AIDS Epidemic based on Anti-Retroviral Therapy", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 85. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Reliability Sampling Plans for the Two-Parameter Gamma Distribution under Progressive Censoring", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 86. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Application of Reliability Theory for a Graded Manpower System", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 87. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Variable Selection for the Accelerated Failure Time Model", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 88. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Estimation of the Survival Function using Incomplete Manpower Data" in the, Department of Statistics, Annamalai University, Annamalainagar,during 17 to 19 November, 2014. |
| 89. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "A New Approach to Analyze Real World Impacts on Software Reliability and Reusability in Computer Based Software Development", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 90. | Workshop on Reliability Theory and Survival Analysis (IWRS-2014). Title of the Paper presented "Software Reliability and Efficiency – A Review", Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 91. | International Statistics Conference Organized by Institute of Applied Statistics Sri Lanka (IASSL). Title of the paper presented "Variable Selection for Cox's Proportional Hazard Model",28-30 December, 2014, Colombo, Sri Lanka. |
| 92. | International Conference on New Horizons in Statistical Modeling and Applications (NHSMA – 2015). Title of the paper presented "Binary Logistic Regression |

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| | Approach for the Prediction of Incidence of Tuberculosis”, 27-28 February 2015, Presidency College, Chennai – 600 005. |
| 93. | National Conference on Statistical Opportunities and Challenges in Multidisciplinary Research, Department of Statistics, St. Josephs College, Tiruchirappalli, Tamil Nadu, India. 14 th December 2018. |
| 94. | National Conference on Stochastic Process, Bayesian Inference and Reliability Theory. Department of Statistics, title of the paper is “Fractional Cumulative Risk Model using Weibull Triangular and Weibull Trapezoidal Distribution” Annamalai University, Annamalai Nagar, 15 th and 16 th of March, 2018. |
| 95. | National Conference on Statistical Theory, Modeling and Applications Department of Statistics, title of the paper is “Nonparametric Estimation of Current Status Competing Risks Data” Bharathiar University during 14 th and 15 th of March, 2019. |
| 96. | International Conference on Recent Trends in Stochastic Modeling and its applications (IWRTSMA 2019) Title of the paper presented “Stochastic Degradation Models using Accelerating Variables”, 11 th & 12 th January 2019, Department of Statistics, Manonmaniam Sundaranar University. |
| 97. | International Conference on Statistics for Twenty-first Century -2015(ICSTC-2015) Annamalai University, Annamalai Nagar during 17 th to 19 th of December, 2015. |
| 98. | Entrepreneurship, Innovation and Career Hubs of RUSA 2.0 Hon’ble Prime Minister Shri Narendra Modi, February 3 rd 2019, at the Hi-Tech Hall, Kumararaja Muthaiah Chettiar Building |
| 99. | National Workshop on “Essential and Practices of Lates” Department of Mathematics, Krishnasamy college of Science, Arts & Management for Woman on 27 th January |
| 100. | International Virtual Conference on, “Emerging Trends in Statistics and Data Science in Conjunction with 40 th Annual Convention of India Society for Probability & Statistics (ISPS), University of Kerala, Trivandrum, 7 to 10 September 2021. |
| 101. | International Virtual Conference on, “Role and the impact of Science and Technology in the Development of India ’75 (IVC-RISTDI’75), Faculty of Science, Annamalai University, 22-23, November 2021. |
| 102. | International Virtual Conference on “Statistics and Data Science : Theory and Practice for Progress and Prosperity”, Department of Statistics, University college of science, Osmania University, Hyderabad, on 11 to 13 March, 2022. |

WORKSHOP / SEMINAR / COLLOQUIUM ATTENDED: 26 (TWENTY SIX)

| Sl. No. | Workshop / Seminar / Colloquium Attended |
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| 1. | Patent Awareness Workshop, Institute of Pharmaceutical Technology, Annamalai University, Annamalai Nagar. 24 th , April 2000. |
| 2. | Workshop on Bayesian Inference and Its Applications, Indian Statistical Institute, Bangalore, India. 12–16, March 2001. |
| 3. | National Level Workshop on “The Latest Trends and Issues in Social Science Research Methodology”, Department of Political Science and Public Administration, D.D.E, Annamalai University, Annamalai Nagar, Tamil Nadu, India. 23-24 th April 2004. |
| 4. | Workshop on Business Intelligence. Computer Science and Engineering Wing – D.D.E, Department of Business Administration and Department of Computer |

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| | Science and Engineering, Annamalai University, Annamalai Nagar, Tamil Nadu, India. 7 th April, 2004. |
| 5. | UGC Sponsored National Workshop on Software Development in Statistical Applications. Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, India. 11-12 th April 2004. |
| 6. | National Level Workshop on "The Latest Trends and Issues in Social Science Research Methodology" held during 23-24 April, 2004 at Annamalai University, Annamalai Nagar. |
| 7. | National Workshop on Evaluating the Distance Education System: The Need for Developing New Indicators. Directorate of Distance Education, Annamalai University, and Distance Education Council, New Delhi, India. 17-18 January 2005. |
| 8. | UGC Sponsored National Seminar on Need of Human Rights Education, Department of History, Annamalai University, Annamalai Nagar, Tamil Nadu, India. 25-26 th February 2005. |
| 9. | Seminar-cum-Workshop on "Developing a Model Syllabus for Improving Uniting Skills of Researchers across Disciplines," on March 15 and 16, 2005. |
| 10. | UGC Sponsored Seminar-cum-Workshop on Developing A Model Syllabus for Improving Writing Skills of Researchers Across Disciplines, Department of English, Annamalai University, Annamalai Nagar, Tamil Nadu, India. 15-16 th March 2005. |
| 11. | One Day Colloquium on "Water Management in Cuddalore District", Department of Economics, Annamalai University, Tamil Nadu, India. 25 th January 2006. |
| 12. | Four- Day Workshop on "Development of Special Skills" Jointly Organized by CYP Asia Centre, Common wealth Secretariat, Chandigarh and Directorate of Distance Education, Annamalai University, Tamil Nadu, India. 16- 19 th June 2006. |
| 13. | National Workshop on Recent Advances in Decision Support Models and Their Applications, Sri venkateshwar University tirupati 10-14 December 2008. |
| 14. | One Week National Workshop on Mathematical Modelling for Performance Oriented Heuristic Techniques and its Applications to Industry, Department of Operation Research & Statistical Quality Control, Rayalaseema University, Kurnool, A.P., India. 07-11, December 2009. |
| 15. | National Workshop on Mathematical Modelling for Performance Oriented Heuristic Techniques and its Applications to Industry, M.S. Ramaiah Institute of Technology, Bangalore, India. 7-11, December 2009. |
| 16. | International Workshop on Recent Advances in Mathematical Algorithms and Data Analyses, Department of Statistics, Andhra University, Visakhapatnam, India, 2 nd to 5 th January 2010. |
| 17. | International Workshop on Recent Advances in Mathematical Algorithms and Data Analyses, Department of Statistics, Andhra University, Visakhapatnam, India. 2-5, January 2010. |
| 18. | One Day Workshop on Latex, Department of Computer Science and Engineering, Annamalai University, 1 st to 2 nd September 2012. |
| 19. | National Workshop on Reliability Theory and Survival Analysis. Department of Mathematics and Statistics, Indian Institute of Technology, Kanpur, India. 3 rd to 5 th Dec 2012. |
| 20. | The Workshop on LATEX held on September 1st and 2nd, 2012 organized by the Department of Computer Science and Engineering, Annamalai University, Annamalai Nagar, Tamilnadu. |

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| 21. | International Workshop on Reliability theory and Survival Analysis, Department of Statistics, Cochin University of Science and Technology, Cochin, December 31, 2013 – January 2, 2014 |
| 22. | Workshop on Reliability theory and Survival Analysis, Department of Statistics, Punjab University, Chandigarh. Nov 4,5- 2015 |
| 23. | International Workshop on Reliability theory and Survival Analysis Savitribai Phule Pune University, 3 to 5 November 2016. |
| 24. | Workshop on Reliability Theory and Survival Analysis. Indian Statistical Institute, Kolkatta, 20 -22, November 2017. |
| 25. | Under the Aegis of IQAC and DST-PURSE II sponsored National workshop on Computational Methods in Statistics using SPSS and R. Department of Statistics, Annamalai University During 26 th and 27 th Nov 2018. |
| 26. | Workshop on Reliability Theory and Survival Analysis. Indian Statistical Institute, Bangalore During 28-30 November 2018. |
| 27. | Five days training program on SAS. Department of Statistics, Annamalai University during 07 th to 11 th , January, 2019. |
| 28. | Workshop on Innovations and Good Practices in Institutional Governance of Higher Education. National Institute of Educational Training and Administration, New Delhi , 19-21, August 2019. |
| 29. | AICTE-ISTE Sponsored One Week Induction Programme on “Research Methodology, Scientific Writing and Critical Analysis of Scientific Publication” Annamalai University, Annamalai Nagar, Tamil Nadu, 4 th to 9 th June 2018 |
| 30. | One Week Short Term course “Experimental Data Analysis and Winning Research Proposal Writing” Faculty of Agriculture on 27 th November, Annamalai University Annamalai Nagar, 27 th November |
| 31. | Five Days Training Program on SAS. Department of Statistics, Annamalai University, Annamalai Nagar, Tamil Nadu, 7 th to 11 th January 2019 |
| 32. | National workshop on New Trends on Stochastic Processes, SQC & Reliability Using R Programming (NTSPQCR 2019) title of the paper “Inferential Procedures for the Proportional Hazards Model with competing Risks and Current Status Data” Department of Statistics, Annamalai University ,11 th and 12 th 2019. |
| 33. | Dr. Ambedkar chair The Special Lecture on “Role of Teachers and the National Educational Policy 2019” Annamalai University on 3 rd September 2019. |
| 34. | National workshop on Cultivating Emotional Quotient and Emotional Intelligence, two days IQAC enabled National Workshop on Cultivating Emotional Quotient & emotional intelligence (CEOQEI-2019) Department of Psychology, Annamalai University, 14 th and 15 th b November 2019 |
| 35. | National Workshop on "Essentials and Practices of Latex" organized by the PG and Research Department of Mathematics, Krishnasamy College of Science Arts & Management for Women on 27.01.2020. |
| 36. | Faculty development program on “Essentials of Research and Publications”, organized by Department of Management studies, Easwari Engineering college, Chennai, from 13 to 17, March of 2023 |

Special skill acquired and gained:

1. Attended Orientation Course for College and University Teachers at the Academic Staff College, Pondicherry, Tamil Nadu, India. 3–30, June 1992.
2. Attended UGC Refresher Course in Statistics – PG Level at Indian Statistical Institute, Calcutta, India. 14 November- 4 December, 1996.
3. Attended UGC Refresher Course in Statistics, Department of Statistics, University of Madras, Chennai, Tamil Nadu, India. 3–31, March 1998.
4. Participated in the Refresher Course in Population Studies/Demography, International Institute of Population Sciences, Mumbai, India. 26 June– 14 July, 2000.

Visiting Faculty / Member of Board of Studies / Examiner / Project Guide / Member of the Doctoral Committee / Conducting University Examinations / Convener for conducting Ph.D. Viva-Voice Examination / Thesis Evaluation / Members of the Organizing Committee.

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| 1 | Organized two days UGC/CSIR Sponsored National Symposium of Statistical Methods and Its Application. 15 – 16 March 2002. |
| 2 | Member, Board of Studies, Annamalai University, Tamil Nadu, India |
| 3 | Setting of Question Papers in the Subject Statistics, Tamilnadu Public Service Commission (TNPSC), Chennai. |
| 4 | Question paper setter in Ph.D. Programme course work, Annamali University, Tamil Nadu, India. |
| 5 | Member, Board of Studies, Bharadhidasan University, Trichrappalli, Tamil Nadu, India |
| 6 | Paper Setting UG and PG (Boards), SASTRA, Vallam, Thanjavur, Tamil Nadu, India |
| 7 | Paper Setting Boards, Examiner, Periyar University, Salem, Tamil Nadu, India. |
| 8 | Member, Board of Studies, EVR, Periyar College, Autonomous, Trichirappalli, Tamil Nadu, India. |
| 9 | Paper Setting Boards, PSG College of Arts and Science, Coimbatore, Tamil Nadu, India. |
| 10 | Paper Setting Boards, Anna University, Chennai, Tamil Nadu, India. |
| 11 | Chief Superintendent for the conduct of D.D.E. Examinations, Annamalai University, May 2009. |
| 12 | Paper Setting Boards, Thiruvalluvar University, Vellore, Tamil Nadu, India. |
| 13 | Paper Setting Boards, Bharathiyar University, Coimbatore, Tamil Nadu, India. |
| 14 | Member of the Doctoral Committee, Bharathidasan University, Trichy, Tamil Nadu, India. |
| 15 | Member of the Doctoral Committee, Noorul Islam Deemed University, Kumaracoil, India |
| 16 | Subject expert in the selection committee in Statistics, ManomaniamSundaranar University, Tirunelveli. |
| 17 | Thesis in Statistics entitled “Stock Market Prediction by Mathematical Modelling using Stochastic Process” evaluated for the award of Ph.D. degree in Statistics and |

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| | convener for conducting the Viva-Voice Examination, ManomaniamSundaranar University, Tirunelveli, 2009. |
| 18 | Thesis in Statistics entitled “Contribution of Sampling Plans Indexed Through Convex Combination of AOQL and MAAOQ” evaluated for the award of Ph.D. degree in Statistics and External Examiners for conducting the Viva-Voice Examination, Bharathiar University, Coimbatore, 2011. |
| 19 | Thesis in Statistics entitled “Some Tandem Queueing Models with Bulk Arrivals Having Load Dependent Service Rates” evaluated for the award of Ph.D. degree in Statistics, Andhra University, Visakhapatnam, Andhra Pradesh, India, 2012. |
| 20 | Members of the organizing committee in the Workshop on Reliability and Survival Analysis, Department of Mathematical Statistics, Indian Institute of Technology, Kanpur. 3-5, December, 2012. |
| 21 | Thesis in Statistics entitled “Constructional Aspects of Slope Rotatable designs” evaluated for the award of Ph.D. degree in Statistics, Acharya Nagarjuna University, Andhra Pradesh, India, 2013. |
| 22 | Members of the organizing committee in the International Workshop on Reliability and Survival Analysis, Department of Statistics, Cochin University of Science and Technology, Cochin. 31 st December 2013 – 2 nd January 2014. |
| 23 | The Board of Studies Meeting in STATISTICS of our College has been scheduled to be held on Friday, the 11th April 2014 in the Statistics Department |
| 24 | Tamil Nadu Public Service Commission Appointment of Examiners for attend the Valuation of Answer Books (Degree Standard). From 30.01.2017 to 04.02.2017. |
| 25 | Chair Persons of Board of Studies –(STATISTICS – UG) , Annamalai University, Annamalai Nagar, India, on 3 rd July 2018. |

Chaired a Session in the National / International Conferences: 34 (Thirty four)

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| 1 | Chaired a Session in the International Conference on Statistics, Probability, Operations Research, Computer Science and Applied Areas, Department of Statistics, Andhra University, Visakhapatnam, 4-8, January 2010. |
| 2 | Chaired a technical session in the International Conference on “Management Practices for Sustainable Growth “(ICMPGS), 2010) in Department of Business Administration, Annamalai University, 28-30, July 2010 |
| 3 | Chaired a Session in the International Conference on Development and Applications of Statistics in Emerging Areas of Science and Technology, Department of Statistics, University of Jammu, India, 8-10, December 2010. |
| 4 | Chaired a Session in the International Conference on Natural Products and Biomedical Technology, Department of Biochemistry and Biotechnology and Faculty of Marine Science, Annamalai University, Annamalai nagar, India. 10-12, January, 2011. |
| 5 | Chaired a session on “Advances in Contemporary Statistical Methods” in the 2011 Indian International Statistical Association (IISA) and North Carolina State University (NCSU) International Conference on Statistics, Probability and Data Analysis, Department of Statistics, North Carolina State University, Raleigh, NC, USA., 21-24, April 2011. |

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| 6 | Chaired a Session in the International Conference on Frontiers of Statistics and its applications and 32 nd Annual Convention of Indian Society for Probability and Statistics. Department of Statistics, Pondicherry University, 23-25, December, 2012. |
| 7 | Chaired a Session in the Workshop on Reliability and Survival Analysis, Department of Mathematical Statistics, Indian Institute of Technology, Kanpur. 3-5, December, 2012. |
| 8 | Rapporteur in a Poster session at ISBA Regional Meeting and International Conference on Bayesian Theory and Applications. Department of Statistics, Banaras Hindu University, Varanasi, India. 6 th to 10 th Jan 2013. |
| 9 | Chaired a Session ISBA Regional Meeting and International Conference on Bayesian Theory and Applications. Department of Statistics, Banaras Hindu University, Varanasi, India. 6 th to 10 th Jan 2013. |
| 10 | Chaired a session in the International Conference on Phytochemicals in Health and Disease: Challenges and Future Opportunities. Department of Bio-chemistry and Biotechnology in collaboration with Faculty of Marine Sciences. Annamalai University, Annamalai Nagar, India. 23 rd to 25 th Jan 2013. |
| 11 | Chaired a session in the National Conference on Production and Consumption of Genetically Modified Food. Directorate of Distance Education, Economics Wing, Annamalai University, during 18-19, December 2013. |
| 12 | Chaired a session in the International Statistics Conference Organized by Institute of Applied Statistics Sri Lanka (IASSL). 28-30 December, 2014, Colombo, Sri Lanka. |
| 13 | Chaired a session in the International Conferences on Recent Advances in Statistics and their applications, Department of Statistics, Dr. Babasaheb Ambedkar Marathwada University Aurangabad (M.S), India. December 26-28, 2013. |
| 14 | Chaired a session in the International Workshop on Reliability Theory and Survival Analysis, Department of Statistics, Cochin University of Science and Technology. Cochin, 2.01.2014. |
| 15 | Chaired a session in the National Conference on Mathematical Modelling, Department of Mathematics, Annamalai University, February, 21- 22, 2014. |
| 16 | Chaired a session in the National Conference on Advances in Statistical Theory, Modeling and Applications, Department of Statistics, Bharathiar University, Coimbatore, during March 27-28, 2014. |
| 17 | Chaired a session in the Multiplicity of Paradigms in Social Science Research- Critical Analysis of Trends and Issues, Department of Statistics, Periyar Arts College, Cuddalore, during 9-10, 2014. |
| 18 | Chaired a session in the Workshop on Reliability Theory and Survival Analysis, Department of Statistics, Annamalai University, Annamalainagar, during 17 to 19 November, 2014. |
| 19 | Chaired a session in the international conference on “New Horizons in Statistical Modeling and Applications”, Department of Statistics, Presidency College (autonomous), Chennai, during 27 to 28 February 2015. |

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| 20 | Chaired a session in the International Workshop on Reliability theory and Survival Analysis, Department of Statistics, Cochin University of Science and Technology, Cochin, December 31, 2013 – January 2, 2014. |
| 22 | Chaired a session in the celebrations of “Statistics Day” organize by Ministry of Statistics and Programme Implementation, Government of India through National Sample Survey Organization (NSSO), Field Operations Divisions (FOD), Tamilnadu (South) Region, Madurai, at Sub-Regional Office, Thanjavur, on 29 June 2015. |
| 23 | Chaired a session in the International Conference on Statistics for Twenty-first Century-Department of Statistics, University of Kerala, Trivandrum During 17-18 December 2015. |
| 24 | Chaired a session in the International Conference on Statistics and Related Areas for Equity, Sustainability Development in Conjunction Department of Statistics, University of Lucknow, Lucknow, India. 2015 |
| 25 | Chaired a session in the International Workshop on Reliability and Survival Analysis, Organized by the Department of Statistics, Panjab University, Chandigarh during Nov.4-6,2015 |
| 26 | Chaired a session in the Seventh International Conference on Dynamic Systems and Application. USA. During May 27 to 30, 2015. |
| 27 | Chaired a session in the national conference on recent trends in Fractional Calculus theory and applications at LokneteVyankatraoHiray Arts, Science & Commerce College, Panchavati, Nashik-3(Maharashtra State) on 10 th March 2016 |
| 28 | Chaired a s International Conference on Business Decision Making- Ancient Indian business paradigms, computer technologies for future. Annamalai University during January 6 th & 7 th , 2016. |
| 29 | Chaired a session in the international workshop on Reliability Theory and Survival Analysis, Savitribai Phule Pune University during November 3-5 2016. |
| 30 | Chaired a session in the VIII International Seminar on Statistical Inference, sampling and optimization Techniques and related areas (ISSAC-2016). Lucknow during December 17-19, 2016. |
| 31 | Chaired a session in the National conference on Present Scenario Statistical Research & Application. PSG College of Arts & Science, Coimbatore, during Feb-10 to 11 (2017). |
| 32 | Chaired a session in the workshop on Reliability Theory & Survival Analysis at ISI Kolkata during November 20-22, 2017. |
| 33 | Chaired a session in International Conference on Theory and Applications of Statistics and Information Sciences (<i>Tasis 2018</i>) on <i>January 05-07, 2018</i> , at Bharathiyar University Coimbatore. |
| 34 | Chaired a session in Seventh International Conferenc on statistics for Twenty-First Century (ICSTC-2021), University of Kerala, Trivandrum,19 th December 2019. |

Reference

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| 1 | Dr. S. Selvabaskar Dean, School of Management SASTRA Deemed University SASTRA, Thanjavur – 613 401 Email : selvabaskar@mba.sastra.edu Cell : 9003790047 | 2. | Dr. V. Badrinath Dean, Coroporte Relation and Extension Activities SASTRA Deemed University SASTRA, Thanjavur – 613 401 Email : deanbadri@sastra.edu Cell : 9443148947 |
| 3. | Prof. Dr. Anup Dewanji Professor of Statistics Applied Statistical Unit Indian Institute of Technology Kolkata. 203, B.T. Road Kolkata – 700 108, INDIA e-mail: dewanjia@isical.ac.in Office: (091)(033) 2577-8085*2808 | 4. | Prof. Dr. Neeraj Misra Professor of Statistics Department of Mathematics & Statistics Indian Institute of Technology, Kanpur 208 016 Uttar Pradesh, INDIA Talk (Office): 91-512-2597087; 2597500; 2597636 Fax: 91-512-2597500 Email: neeraj@iitk.ac.in |
| 5 | Prof. Dr. P. Vellaisamy Professor of Statistics Department of Mathematics & Statistics Indian Institute of Technology, Bombay Powai Mumbai-400076, India. Phone: +91-22-25767464 Fax: +0091-22-25723480 Email: pv@math.iitb.ac.in, pvellaisamy@gmail.com | | Prof. N. Balakrishnan Professor of Statistics Department of Mathematics and Statistics McMaster University Hamilton, Ontario Canada L8S 4K1 Phone: (905) 522-1676 e-mail:bala@mcmaster.ca |



Prof. Dr. R. Elangovan