**Curriculum Vitae**

**Rajesh.G**

Associate Professor

Department of Statistics

Cochin University of Science and Technology

Cochin- 682 022

Kerala, India.

Phone No.9447280968, 7025324230

Email: [rajeshg75@yahoo.com](mailto:rajeshg75@yahoo.com) , [rajeshgstat@gmail.com](mailto:rajeshgstat@gmail.com), rajeshgstat@cusat.ac.in.

**Present Position**

Professor and Head, Department of Statistics, Cochin University of Science and Technology

Cochin- 682 022,Kerala, India.

**Former Positions**

Associate Professor and Head, Department of Statistics, Cochin University of Science and Technology

Joined as Assistant Professor on 05-08-2015 in the Department of Statistics, Cochin University of Science and Technology.

Associate Professor – 01-06-2010 to 04-08-2015 D.B.Pampa College Parumala

Lecturer Selection Grade- 01-06-2007 to 31-05-2010 D.B.Pampa College Parumala

Lecturer Senior Scale- 01-06-2002 to 31-05-2007 D.B.Pampa College Parumala

Lecturer -01-06-1998 to 31-05-2002 D.B.Pampa College Parumala

**Permanent Residence**

Plammottil Nandanam

Thittamel, Chengannur P.O.

Alapuzha, Kerala.

Present Address

Plammottil Nandanam

Vadacode P.O.

Kangarapadi

Puthiaroad

Thrikkakara North

Kochi-21

**Educational Qualifications:** M.Sc. (Statistics), M.Phil., Ph.D., CSIR NET.

**M.Sc. Project Title**: On Copulas and Measures of Dependence (University Of Kerala)

**M.Phil. Dissertation Title**: Some Characterization Problems associated with the Pareto distribution.

(Cochin University of Science and Technology)

**Ph.D. Thesis Title**: Characterization of Probability Distributions using Residual Entropy Function

(Cochin University of Science and Technology)

**Membership in Professional Societies/ Academic / Extension activities:**

Chairman, Board of Studies of Integrated Studies, SNM College Malliankara

Member, Board of Studies , Department of Mathematics, Assumption College Changanasserry sep 2019( 2 years)

Member, Board of Studies , Department of Statistics, MA College, Kothamangalam20th October 2018.

Member, Board of Studies , Department of Statistics, Faculty of Management, Humanities and social Sciences., KUFOS, 17 -03-2018,( 3 years)

Secretary, Department Council, Department of Statistics, CUSAT.

Member Anti- Ragging Cell, Department of Statistics, CUSAT.

President Old Student Forum, Department of Statistics CUSAT.

Coordinator- UGC Planning Board, D.B.Pampa College, Parumala.( December 2012-July 2015)

Nodal Officer- Higher Education Council Scholarship, D.B.Pampa College, Parumala. .( December 2012-July 2015)

Member, UG Board of Studies (Statistics), Kerala University- 2011-2014March

Life Member, Kerala Statistical Association

Life member, ISPS

Senior Assistant Superintendent, D.B.Pampa College, Parumala. ( March 2010- December 2012)

Secretary- Alumni Association, Department of Mathematics, D.B.Pampa College, Parumala (2010-2015)

**Examinations**

1. Answer script valuation of M.Sc. Statistics at Kerala University of Fisheries and Ocean Studies, Panangad on 04-06-2018.
2. External Examiner for IV Semester M.Sc. Statistics Examination Project and Dissertation Evaluation, University of Kerala, Dated 08-06-2018.
3. Question Paper Setter for B.Tech Degree III Semster , CUSAT, dated 16-03-2018..
4. External examiner for II Semester M.Sc. Statistics Examination 2016 of Kerala University of Fisheries and Ocean Studies, Panangad, 26-02-2018.
5. Question Paper Setter for M.Sc. Degree II Semester, BioTechnology, CUSAT, dated 14-02-2018.
6. Question paper setter for M.Sc. Statistics CSS Examinations, 06/02/2018 Kerala University.
7. Question Paper Setter for II Semester M.Sc. Statistics Examination 2016 of Kerala University of Fisheries and Ocean Studies, Panangad, 10-11-2017
8. Question paper setter M.Sc. First and third Semester Degree Examination, Kannur University, 25/10/2017.
9. Question Paper Setter for M.Sc. Photonics Degree( Five year Integrated ) I Semester, CUSAT, dated 21/10/2017.
10. Attended the Passing Board meeting of second semester M.Sc. Statistics KUFOS 10.10.2017
11. Question paper setter for M.Sc. Statistics CSS Examinations, 09/10/2017 Kerala University.
12. Question Paper Setter for BSc. Degree Examination, Assumption College Changanassery, Dated 06/09/2017
13. Question paper setter for M.Sc Statistics Examinations, 13/06/2017 Kerala University
14. Question paper setter MSc Second Semester Degree Examination, Kannur University, 12/6/2017.
15. Question paper setter M.Sc. Biotechnology, CUSAT, 01/02/2017.
16. Question paper setter for M.Sc. Statistics Examinations, 08/12/2016 Kerala University
17. Question Paper Setter for M.Sc. Photonics Degree I Semester, CUSAT, dated 03/10/2016
18. External Examiner for IV Semester M.Sc. Statistics Examination Project and Dissertation Evaluation, University of Calicut, Dated 05/10/2016.
19. Question Paper Setter for BBA Degree Examination, Assumption College Changanassery, Dated 02/09/2016
20. External Examiner for II Semester M.Sc. Statistics Practical Examination in Maharajas College, Ernakulum Dated 13/07/2016.
21. Question Paper Setter for M.Sc. Statistics Examination 2016 of Calicut University.
22. Question Paper Setter for II Semester M.Sc. Statistics Examination 2016 of Kerala University of Fisheries and Ocean Studies, Panangad.
23. Answer script valuation of M.Sc. Statistics at Kerala University of Fisheries and Ocean Studies, Panangad on 18/03/2016.
24. Question Paper Setter for II Semester M.FSc. Fishery Resource Management Examination 2016 of Kerala University of Fisheries and Ocean Studies, Panangad
25. Question Paper Setter for II Semester M.Sc. Statistics Examination 2015 of Kerala University of Fisheries and Ocean Studies, Panangad

**Extension Activities**

1. Special Class on Probability theory for M.Sc. Mathematics at D.B.Pampa College, Parumala on 30/03/2016.
2. Referring work for Journal of Statistical Computation and Stimulation April 2015.

Manuscript ID GSCS-2014-0759 R1 dt 02/04/2015

1. Referring work for PHYSICA January 2017.
2. Referring work for filomat may 2020

**Refresher courses/Training Programmes Attended**

1. UGC Sponsored Orientation Programme – Academic Staff College, Thiruvananthapuram, 20-11-2001 to 17-12-2001.
2. UGC Sponsored Refresher Course- Academic Staff College, Thiruvananthapuram, 27-07-2002 to 17-08-2002.
3. UGC Sponsored Refresher Course- Cochin University of science and Technology, 25-11-2004 to 16-12-2004.
4. UGC Sponsored Refresher Course- Academic Staff College, Thiruvananthapuram, 14-10-2005 to 04-11-2005

**Seminars and Workshops Attended.**

1. Attended and presented a paper on Estimation of Shannon entropy in the presence of length-bias and type 1 censoring in three-day International Virtual Conference on Statistics in the Era of pandemic in conjunction with th42nd Annual Conference of KSA 2021 held at NAS College Kanhangad on 04-06 March 2021.
2. Attended and presented a paper on Non parametric estimation f copula entropy in the presence of censored data in the three-day international virtual conference on advanced statistical Techniques in Business and industry, A regional Virtual conference of ISBIS organized by Department of statistics, Cochin University of Science and Technology, Kochi during 28-30 December 2020.
3. Attended and presented a paper on Non parametric estimation of entropy of conditional distribution under length biased censored data in the International Conference on ‘Recent advances in statistics and Data Science for Sustainable Development ‘organized by PG Department of Statistics, Utkal University, Odisha in conjunction with Indian Society for probability and Statistics (ISPS) during 21-23rd December 2019.
4. Attended and presented a paper on non parametric estimation of entropy function under length biased and censored data in the National seminar on Recent trends in statistical Sciences in conjunction with 40th Annual Conference of KSA 07-09 ,March 2019 conducted by Department of Statistics, University of Kerala.
5. Attended and presented a paper on Kernel estimation of entropy function under length biased sampling in the International Conference on Emerging Innovations in Statistics & Operations Research ( EISOR-2018) on December 27-30, 2018 at Department of Statistics, M D University, Rohtak, Haryana.
6. Attended and presented a paper on Kernel estimation of dynamic weighted failure entropy of order alpha under Koziol Green Model in the National seminar on Recent trends in statistical theory and applications -2018( NSSTA-2018) 28-30 June 2018conducted by Department of statistics, University of Kerala.
7. Organized a workshop on STATISTICAL DATA ANALYSIS USING R SOFTWARE, at Department of Statistics, Sree Sankara College, Kalady jointly by OLD STUDENT’S FORUM, Department of Statistics, Cochin University of Science and Technology, February 20,2018.
8. Attended and presented a paper on Estimation of Inaccuracy measure for censored dependent data in the International Conference on Theory and Applications of Statistics and Information Sciences (TASIS 2018) at Bharathiar University, Coimbatore, January 5-7, 2018.
9. Attended and presented a paper on A study on weighted failure entropy of order alpha at 2017 IISA International Conference on Statistics, December 27-30 at the Hyderabad Convention Centre, Hyderabad Organized by International Indian Statistical Association
10. Attended a workshop on Times- to Events and Time Series data analysis using R, STATIB- 2017, December 15-16 2017.
11. Organized a one day seminar on Applied Statistical Techniques’, 30th November,2017 at St. Joseph College, Irinjalakuda.
12. Attended a workshop on reliability theory and survival analysis, 20-22 November , 2017 conducted by Applied Statistical Unit, Indian Statistical Institute, Kolkata.
13. Attended the National workshop on statistical methods for data analytics using R (SMDA 2017), October 23-28, 2017, conducted by Department of Statistics, University of Kerala.
14. Organized a one day seminar on applied statistics 26th September, 2017 at St. Mary’s College, Trissur in association with Old Students forum, Department of Statistics, CUSAT.
15. Organized a workshop on Time Series Analysis using R Package during June 29-30 2017 in connection with National Statistics Day.
16. Organized a workshop on ‘A**pplied Statistical Techniques’ during January 19-21 2017 sponsored by UGC and KSCSTE in the department of Statistics, Cochin University of Science and Technology.**
17. Participated and presented a paper on ‘Some Properties of Cumulative Tsallis Entropy of Order Alpha’ in the International Symposium on Statistics and Optimization in conjunction with XXXVI Annual Convention of ISPS and Seminar on Statistical Inference, Sampling and Optimization Techniques and Related Area, December, 17-19, 2016.
18. Participated in National Workshop on Statistical Computing organized by Department of Statistics, University of Kerala, TVM 14-19th November 2016.
19. Participated in the workshop on Probability and applications organized by Department of Mathematics, D.B.Pampa College Parumala on 23 February 2016 and delivered a talk.
20. Participated in the two- day Induction Programme for newly recruited Teacher conducted by Cochin University of Science and Technology on 15-16 February 2016.
21. Attended and presented a paper on ‘Local linear estimation of residual entropy function of conditional distributions’ in the national seminar on applied statistical methodology with special emphasis on time series analysis and conference of the Kerala Statistical Association 12-13 February 2016 held at Nirmala College, Muvattupuzha.
22. Attended and presented a paper on Bivariate extension of Cumulative past entropy function in the International conference on Statistics for Twenty first Century-2015 on December 17-19. 2015 conducted by department of statistics, University of Kerala.
23. Attended and presented a paper on ‘The conditional dynamic cumulative residual entropy’ in the National Conference on Statistics for Twenty First Century-2014 20-03-2014 to 22-03-2014 conducted by Department of Statistics, University of Kerala.
24. National Workshop on Recent Development in Statistics with special emphasis on Computational Statistics, Department of Statistics, University of Kerala, 01-03-2013 to 07-03-2013.
25. Attended and presented a paper on Bivariate weighted information measures in the national conference on Statistics for twenty first century-2012, conducted by Department of Statistics, University of Kerala, 10-12-2012 to 12-12-2012.
26. Advanced training on GNU/R software conducted by International centre for free and open source software and Department of Statistics, University of Kerala, 01-08-2011 to 02-08-2011.
27. Attended and presented a paper on Non parametric estimation of residual entropy function in the National Conference on Statistics for twenty first century conducted by Department of Statistics, University of Kerala, 17-03-2011 to 19-03-2011.
28. NAAC sponsored National seminar on Quality evaluation in higher education: The new approach conducted by IQAC, St.Thomas College Pala 01-03-2010 to 02-03-2010.
29. UGC sponsored workshop on Modern applied statistical methods in statistical software’s conducted by Nirmala College Muvattupuzha 24-02-2009 to 26-02-2009.
30. UGC sponsored National Seminar on Functional Analysis conducted by department of Mathematics, D.B.Pampa College, Parumala, 25-09-2008 to 27-09-2008.
31. National Seminar on modeling and Analysis of life time data conducted by Cochin University of Science and technology, 20-02-2006 to 22-02-2006.
32. UGC sponsored Workshop in Non parametric inference conducted by University College, Thiruvananthapuram, 13-02-2006 to 15-02-2006.
33. National Seminar on operations research and Applications conducted by department of Mathematics, D.B.Pampa College, Parumala, 13-02-2004 to 15-02-2004.
34. One day seminar in Mathematics conducted by department of Mathematics, D.B.Pampa College, Parumala, 09-12-2000.
35. New Trends in Mathematics conducted by Department of Mathematics, D.B.Pampa College, Parumala, 21-01-2000 to22-01-2000.
36. Attended and presented a paper on On averaging the residual entropy function in the national Conference on Reliability analysis conducted by Cochin University of Science and Technology, 28-12-1999 to 29-12-1999.
37. Attended and presented a paper on On residual entropy of conditional distributions in the international conference on combinatorics, statistics, Pattern recognition and related areas conducted by department of Statistics, University of Mysore, Mysore- 28-12-1998 to 30-12-1998.
38. Attended and presented a paper on Characterization of distributions using residual entropy function in the National Seminar on Stochastic Systems conducted by Department of Statistics, Mangalore University, 05-02-1998 to 07-02-1998.

**Published/Accepted Papers**

1. Rajesh G, Sunoj S M and Richu Rajesh ( 2021)Kernel estimation of entropy function under length-biased sampling, Communications in Statistics Theory and Methods, Accepted.
2. Silpa Subhash, S. M. Sunoj, P. G. Sankaran, and G. Rajesh( 2021) Nonparametric estimation of quantile-based entropy function, Communications in Statistics - Simulation and Computation, https://doi.org/10.1080/03610918.2021.1890773.
3. David Chris Raju, S. M. Sunoj and Rajesh G ( 2020) Some Reliability Properties of Bivariate Cumulative Residual Tsallis Entropy, Journal of Statistical Theory and Practice, https://doi.org/10.1007/s42519-020-00129-0.
4. G. Rajesh, E.I. Abdul-Sathar, K.V. Reshmi (2020).Bivariate extension of past entropy, Journal of Iranian Statistical Society (JIRSS),  [19(1): 185-208](http://jirss.irstat.ir/browse.php?mag_id=36&slc_lang=en&sid=1)
5. N. Unnikrishnan Nair · S. M. Sunoj · Rajesh Ganapathy (2019). Some aspects of reversed hazard rate and past entropy. Communications in Statistics Theory and Methods, DOI:10.1080/03610926.2019.1659970.
6. E. I. Abdul Sathar, K. V. Viswakala & G. Rajesh (2019) Estimation of past inaccuracy measure for the right censored dependent data, Communications in Statistics - Theory and Methods, DOI: 10.1080/03610926.2019.1651859.
7. N. Unnikrishnan Nair · S. M. Sunoj · Rajesh Ganapathy (2019) ,Some New Results on Residual Entropy, J Indian Soc. Probab. Stat., DOI 10.1007/s41096-019-00067-6.
8. Baby A.K. , Rajesh G and P.G. Sankaran (2019) Non-parametric estimation of copula based mutual information, Communications in Statistics Theory and Methods, DOI.org/10.1080/03610926.2018.1563180.
9. Rohini, S. Nair., E. I. Abdul Sathar and G. Rajesh (2018). Bivariate Dynamic Weighted Failure entropy of order Alpha, American Journal of Mathematical and Management Sciences, DOI: 10.1080/01966324.2018.1483855.
10. T. B. Sreejith, S. M. Sunoj and G. Rajesh ( 2018) Nonparametric estimation of reciprocal coordinate subtangent for right censored dependent scheme, Communications in Statistics Theory and Methods, 48:13, 3177-3190( DOI:10.1080/03610926.2018.1473610)
11. K. R. Renjini , E. I. Abdul Sathar, and G. Rajesh(2018) Bayesian Estimation of Dynamic Cumulative Residual Entropy for Classical Pareto Distribution, American Journal of Mathematical and Management Sciences, DOI: 10.1080/01966324.2017.1364184.
12. Rohini, S. Nair., E. I. Abdul Sathar and G, Rajesh (2017). A study on dynamic weighted failure entropy of alpha order, American Journal of Mathematical and Management Sciences, 36(2), 137-149.
13. G. Rajesh., E.I., Abdul-Sathar and Viswakala K.V. (2017). Estimation of inaccuracy measure for censored dependent data, Communications in Statistics – Theory and Methods, DOI: 10.1080/03610926.2016.1228969.
14. G.Rajesh, E.I.Abdul Sathar and Rohini S Nair (2017) On Dynamic weighted survival entropy of order alpha, Communications in Statistics- Theory and Methods, DOI:10.1080/03610926.2015.1033552
15. Suchandan Kayal, Sreenarayanapurath Madhavan Sunoj and Ganapathy Rajesh (2017) ON DYNAMIC GENERALIZED MEASURES OF INACCURACY, STATISTICA, anno LXXVII, n. 2, 2017.
16. E.I. Abdul-Sathar, K.R. Renjini, G. Rajesh and E.S. Jeevanand (2016).A Bayesian study of Lorenz curve and Gini index for power model, IAPQR Transactions, Vol.41 (1), 43-59.
17. Rajesh.G. and S.M. Sunoj. (2016). Some properties of cumulative Tsallis entropy of order alpha, Statistical Papers, DOI 10.1007/s00362-016-0855-7.
18. Rajesh.G, E. I. Abdul Sathar and Rohini, S. Nair (2016). Bivariate weighted residual and past entropies, J. Japan Statist. Soc. Vol. 46 No. 2 2016 165–187.
19. K.R. Renjini, E.I. Abdul-Sathar and G. Rajesh (2016). Bayes estimation of dynamic cumulative residual entropy for Pareto distribution under type II right censored data, Applied Mathematical Modelling, 40 (2016) 8424–8434
20. K.R. Renjini, E.I. Abdul-Sathar and G. Rajesh and E.S.Jeevanand) (2015).Quasi-Bayesian Estimation of Lorenz curve and Gini-index in the Power Model, Aligarh Journal of Statistics. Vol. 35,1-14..
21. G. Rajesh, E.I. Abdul-Sathar, K.V. Reshmi (2015). The conditional dynamic cumulative entropy , Journal of Japan Statistical Society,45(2),99-119.
22. E.I. Abdul-Sathar, K.R. Renjini, G. Rajesh and E.S. Jeevanand (2015). Bayes estimation of Lorenz curve and Gini Index for Power function distribution, South African Journal of Statistics, 49, 21-33.
23. G. Rajesh, E.I. Abdul-Sathar, R. Maya ( 2015).Local linear estimation of residual entropy function of conditional Distributions, Computational Statistics and Data Analysis, 88(2015),1-14.
24. K.R. Renjini, E.I. Abdul-Sathar and G. Rajesh (2015). A study of the effect of loss functions on the Bayes estimates of dynamic cumulative residual entropy for Pareto distribution under upper record values, Journal of Statistical Computation and Simulation, DOI: 10.1080/00949655.2015.1007986.
25. G .Rajesh, E.I. Abdul-Sathar, R. Maya and K.R. Muraleedharan Nair (2015) [Nonparametric estimation of the residual entropy function with censored dependent data](http://imstat.org/bjps/papers/BJPS250.pdf), Brazilian Journal of Probability and Statistics, 29(4) 866-877.
26. P.P.Chandrasekhara Pillai, G. Rajesh and E.I.Abdul-Sathar (2014) Semi-Parametric Estimation of Lorenz Curve and Gini-index in an Exponential Distribution, Sreelankan Journal of Statistics, 19-29,Vol.35.
27. G. Rajesh, E.I. Abdul-Sathar, K.V. Reshmi and K.R.M. Nair (2014) [Bivariate generalized cumulative residual entropy](http://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=mAv5xNQAAAAJ&citation_for_view=mAv5xNQAAAAJ:Y0pCki6q_DkC), Sankhya A ,76 (1), 101-122.
28. G .Rajesh, E.I .Abdul-Sathar, K.R. Muraleedharan Nair and K.V. Reshmi (2014) [Bivariate extension of dynamic cumulative residual entropy](http://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=mAv5xNQAAAAJ&citation_for_view=mAv5xNQAAAAJ:qjMakFHDy7sC), Statistical Methodology 16, 72-82.
29. G. Rajesh, E.I. Abdul-Sathar, R. Maya and K.R.M. Nair (2014). [Nonparametric Estimation of the Geometric Vitality Function](http://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=mAv5xNQAAAAJ&citation_for_view=mAv5xNQAAAAJ:YsMSGLbcyi4C), Communications in Statistics-Theory and Methods 43 (1), 115-130.
30. R. Maya, E.I. Abdul-Sathar, G. Rajesh and K.R.M. Nair (2014)[Estimation of the Renyi’s residual entropy of order alpha with dependent data](http://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=mAv5xNQAAAAJ&citation_for_view=mAv5xNQAAAAJ:9yKSN-GCB0IC), Statistical Papers, 55,585–602.
31. R. Maya, E.I. Abdul-Sathar and G. Rajesh (2014) [Nonparametric estimation of the generalized past entropy function with censored dependent data](http://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=mAv5xNQAAAAJ&citation_for_view=mAv5xNQAAAAJ:2osOgNQ5qMEC) , Statistics and Probability Letters 90, 129-135.
32. E.I.Abdual Sathar, K.R.Renjini, E.S.Jeevanand and G.Rajesh (2013) Estimation of Lorenz Curve and Gini Index for exponential distribution, Collection of Recent statistical methods and Applications, Kerala University, 245-261.
33. Sathar, A.E.I., Renjini, K.R. and Rajesh, G. (2013). Estimation of Power model in the presence of k-outliers, Proceedings of UGC sponsored National Seminar on Process Capability Studies with special emphasis on computational techniques and recent trends in statistics organized by postgraduate dept of statistics, Nirmala College, Muvattupuzha, 27-40.
34. G.Rajesh, E.I. Abdul Sathar, R. Maya and K.R. Muraleedharan Nair (2012) [Nonparametric estimation of the residual entropy function with complete dependent data](http://imstat.org/bjps/papers/BJPS250.pdf), Collection of Recent statistical methods and Applications, Kerala University, 263-277.
35. Rajesh G., Sathar, A.E.I. and Nair, K.R.M. (2010) Bivariate Extension of Residual Entropy and Some Characterization Results, Journal of Indian Statistical Association, 47(1), 91-107.
36. Sathar, A.E.I., Nair, K.R.M.and Rajesh G. (2010) Generalized Bivariate Residual Entropy Function and Some Characterization Results. , South African Journal of Statistics, 44, 43-59.
37. Sathar, A.E.I., Jeevanand, E.S. and Rajesh. G (2010) Bayes Estimation of residual entropy function from classical Pareto model containing spurious observations, IAPQR Transactions, 35(1), 15-27.
38. Sathar, A.E.I., Rajesh G. and Nair, K.R.M (2010) Bivariate geometric vitality function and some characterization results, Calcutta Statistical Association Bulletin, 62,207-227.
39. G.Rajesh and K.R. Muraleedharan Nair (2003) Characterization of probability distributions using properties of reliability measures, Journal of Kerala Statistical Association, 14,1-9.
40. Sathar, A.E.I., Rajesh G. and Nair and K.R.M, (2003) On Truncated Versions of Certain Measures of income inequality, Aligarh Journal of Statistics, 23, 7-12.
41. Rajesh, G. and Nair, K.R.M. (2000), Residual entropy of conditional distributions, Statistical Methods, 2 (1), 72-80.
42. Nair, K.R.M. and Rajesh, G. (2000), Geometric vitality function and its application to reliability, IAPQR Transactions, 25(1), 1-8.
43. Nair, K.R.M. and Rajesh, G. (1998) Characterization of probability distributions using the residual entropy function, Journal of Indian Statistical Association, 36, 157-166.
44. Rajesh, G. and Nair, K.R.M (1998), Residual entropy function in discrete time, Far East Journal of Theoretical Statistics, 2(1), 1-10.

**Research Projects Undertaken**

Minor research project UGC

1. MRP(S)-1015/10-11/KLMG047/UGC-SWRO Dated 22-12-2010

Period- 16-03-2010 to 15-09-2012 Total amount- Rs.1,50,000/-

Title: Non parametric estimation of residual entropy function (completed)

1. No.F.1984-MRP/14-15/KLMG047/UGC-SWRO dated 14-02-2015

Period -01-01-2015 to….

Title: A study on properties of weighted information measures. (Ongoing)

Total amount-Rs.2, 50,000/-

1. No.PL.(UGC)1/SPG/SMNRI/2017-18 Dated 02/11/2017

Nonparametric Estimation of weighted Information measures.

Period-2 years, Amount-1 lakh.

1. SERB MATRICS PROJECT FEB 2020

**List of Submitted Projects**

1. Modelling and analysis of Tsallis entropy and its related measures

Project Proposal submitted to SERB, Government of India, July 2017.

Official Statistics- Indian Context Venue Department of Statistics, CUSAT Month and Year October 20, 2015 Coordinator Dr.AshaGopalakrishnan Organizing Committee Dr. V. K. Ramachandran Nair Dr. N. Balakrishna Dr. K. C. James Dr.AshaGopalakrishnan Dr. P. G. Sankaran Dr. S. M. Sunoj Dr. G. Rajesh Dr. K. G. Geetha B. Uma Devi