

Curriculum Vitae

DR. SUDHANSU SEKHAR MAITI

Department of Statistics, Visva-Bharati

Santiniketan-731235, India

Mobile No - +919434013574

Email – dssm1@rediffmail.com

EDUCATION

- **Ph.D.** Calcutta University 1999
- **M.Sc. in Statistics** Calcutta University 1990
- **B.Sc. in Statistics** Ramakrishna Mission Residential College, Narendrapur 1988

PROFESSIONAL EDUCATION

- **PGDOM** IGNOU 1994
- **DCA** ICEI 1992

ACADEMIC AWARDS

- **Young Scientists' Awardee in Statistics** Indian Science Congress Association 1994
- **CSIR-NET Fellowship** 1991

MEMBERS OF ACADEMIC / PROFESSIONAL BODIES

- Indian Statistical Institute, Kolkata.
- Indian Association for Productivity, Quality and Reliability, Kolkata
- Calcutta Statistical Association, Kolkata.
- Indian Science Congress Association, Kolkata.
- International Indian Statistical Association.
- Indian Society for Probability and Statistics.
- Society for Application of Statistics in Agriculture and Allied Sciences (SASAA).

ACADEMIC / TEACHING EXPERIENCE

- **Professor** in Department of Statistics, Visva-Bharati University, March, 2013
- **Associate Professor** in Department of Statistics, Visva-Bharati University, March, 2010
- **Reader** in Department of Statistics, Visva-Bharati University, March, 2007
- **Senior Lecturer** in Department of Statistics, Visva-Bharati University, November 2003
- **Lecturer** in Department of Statistics, Visva-Bharati University, November 1999
- **Lecturer** in Department of Statistics, R. K. Mission College, Narendrapur, July 1999
- **Research Associate cum resource person** in Indian Institute of Social Welfare and Business Management, Kolkata, August 1997.
- Guest Faculty in IGNOU (center code- 2814) 1998 - 1999.
- Adjunct Faculty, Visva-Bharati Centre for Management Studies, 2007 - 2008.
- Guest Faculty in the Dept. of Statistics, Burdwan University 1997-2013.

- Guest Faculty in the Dept. of Statistics, Kalyani University 2017

MEMBERS OF ACADEMIC / PROFESSIONAL BODIES OUTSIDE VISVA-BHARATI

- Member, Council of Directors, Calcutta Statistical Association, Kolkata.
- Member, Undergraduate Board of Studies in Statistics, Kalyani University.
- Member, Undergraduate Board of Studies in Statistics, Burdwan University.
- Member, Undergraduate Board of Studies in Statistics, Gourbanga University.
- Member, Postgraduate Board of Studies in Statistics, Tripura University.
- Member, Board of Research Studies in Statistics, Burdwan University.
- Member, Departmental Research Committee, Kalyani University.

RESEARCH

- **Ph. D. Work** in the field of Industrial Statistics under the supervision of Prof. S. P. Mukherjee, Department of Statistics, Calcutta University on the topic entitled “**Some Problems of Statistical Inference in Reliability Analysis**” 1992 – 1997.
- Research Work on the topic entitled “**Quality Assurance in Materials Management – A TQM Approach**” in Centre for Research in Materials Management, Indian Institute of Social Welfare and Business Management 1997 - 1999.
- **Research Interest** : Reliability /Survival Analysis, Industrial Statistics, Information Theory, Distribution Theory, Bayesian Inference, Operations Research
- **Editorial Board Member**, International Journal of Agricultural and Statistical Sciences
- **Ph. D. Guidance: 8**
- **Ph. D. Ongoing: 3**

ADMINISTRATIVE EXPERIENCE

- Vice Principal (Assistant Dean), Siksha Bhavana (Institute of Science), Visva-Bharati 2003 – 2006, 2016-2018
- Member of Standing Committee on the Affairs of the Associates, Visva-Bharati and Member of the Visiting team for NIMT, Ghaziabad, constituted by the Hon’ble High Court, Kolkata
- Nodal Officer, Remedial Coaching for SC/ST and Minority Students, Siksha Bhavana (Institute of Science), Visva-Bharati since 2008
- HOD, Statistics, Visva-Bharati 2006 - 2010, 2011, 2013-2016, 2019-.
- Nodal Officer, Visva -Bharati on All India Survey on Higher Education 2009-, Swachh Bharat Sumer Internship 2018
- Nodal Officer, Online-RTI, Visva-Bharati 2020-
- Nodal Officer, NIRF, Visva-Bharati 2021-
- Member, Visva –Bharati Admission Coordination Cell 2009-2011
- Chairman, Visva –Bharati Admission Coordination Cell 2012-2014
- Coordinator, Visva –Bharati Admission Coordination Cell 2023-

- Expert Member, WBCSC SET Committee in Mathematical Sciences, 2014, 2015, 2016, 2018, 2019, 2021.
- Expert Member, WBCSC Selection Committee in Statistics, 2015, 2019.
- Expert Member, Selection Committee in Statistics, 2016, Ravenshaw University, Cuttack.
- Expert Member, Selection Committee in Statistics, 2020, Manipur University, Imphal.
- Adhyaksha (Dean) nominee, Siksha-Bhavana (Institute of Science) Admission Committee, Visva-Bharati 2016.
- Expert Member, Board of Research Studies, Burdwan University 2015-
- Expert Member, PG Board of Studies, Burdwan University 2019-
- Expert Member, PG Board of Studies, Raiganj University 2019-
- Expert Member, Departmental Research Committee, Kalyani University 2017-
- Expert Member, PG Board of Studies, Alia University 2019-
- Expert Member, PG Board of Studies, Tripura University 2014-2017, 2020-
- Expert Member, PG Board of Studies, North-Eastern Hill University 2021-
- Expert Member, UG & PG Board of Studies, Sister Nivedita University 2021-
- RTI Management Module Administrator, SAMARTH ERP of Visva-Bharati 2020-

ORGANISING EXPERIENCE

- Organizing Committee Member, Seventh Triennial International Calcutta Symposium on Probability and Statistics 2009.
- Joint convener 12th Annual Conference of Society of Statistics, Computer and Applications 2010.
- Convener National Seminar on Applications of Statistics in Industry and Planning 2012.
- Organizing Committee Member, 5th Indian Youth Science Congress 2013

RESEARCH COLLABORATORS

- Dr. Asok K. Nanda, IISER Kolkata, India
- Dr. Atanu Biswas, ISI Kolkata, India
- Dr. Gaurangdeb Chattopadhyay, Calcutta University, Kolkata, India
- Dr. Chanchal Kundu, Rajib Gandhi Institute of Petroleum Technology, Raeberili, India
- Dr. Tanujit Dey, Department of Surgery, Harvard Medical School, USA
- Dr. Sanku Dey, St. Anthony's College, Shillong, India
- Dr. Shovan Chowdhury, IIM Kozikode, India
- Dr. Navin Chandra, Pondicherry University, India
- Dr. Munir Ahmad, National College of Business Administration and Economics, Lahore, Pakistan
- Dr. Chi-Hyunck Jun, Department of Industrial & Management Engineering, POSTECH, Republic of Korea.
- Dr. Amal S. Hassan, Institute of Statistical Studies & Research, Cairo University, Egypt.
- Dr. Saeed E. Hemeda, Institute of Statistical Studies & Research, Cairo University, Egypt.

- Dr. Subhradev Sen, Alliance University, India
- Dr. Mahendra Saha, University of Delhi, India
- Dr. Rahul Bhattacharya, Calcutta University, Kolkata, India
- Dr. Indrani Mukherjee, MAKAUT, Kolkata, India
- Dr. Sumanta Adhya, WBSU, Barasat, India
- Dr. Arindam Gupta, The University of Burdwan, India

PUBLICATION

Research Papers

Statistics

- i) Halder, S., Maiti, S. S. and Choudhury, M. M. (2024): Bayesian Estimation of $P(X \leq Y)$ for Power-Series Model, *Reliability: Theory & Applications*, 19(2), 138-155.
- ii) Maiti, S. S., Ruidas, M. K. and Adhya, S. (2024): Natural Discrete One Parameter Polynomial Exponential Family of Distributions and the Application, *Annals of Data Science*, 11(3), 1051-1076, <https://doi.org/10.1007/s40745-022-00422-8>
- iii) Maiti, S. S., Bhattacharya, A., Choudhury, M. M. and Gupta, A. (2024): On Estimation of Generalized Process Capability Index C_{py} for One Parameter Polynomial Exponential Family of Distributions and its Natural Discrete Version, *International Journal of Reliability, Quality and Safety Engineering*, 31(1), 2350033.
- iv) Maiti, S. S. and Biswas, S. (2024): Double sampling plan for OPPE model using combined mean, *Colombian Journal of Statistics (Revista Colombiana de Estadística)*, 47(2), 211-235.
- v) Das, S. and Maiti, S. S. (2024): A Bayesian Extended Exponentially Weighted Moving Average Control Chart, *Stochastics and Quality Control*, <https://doi.org/10.1515/eqc-2023-0021>.
- vi) Das, S. and Maiti, S. S. (2024): A New Bayesian Control Chart for Process Mean using Empirical Bayes Estimates, *Reliability: Theory & Applications*, 19(2), 209-217.
- vii) Saha, M., Devi, A., Yadav, A. S. and Maiti, S. S. (2024): Evaluation of a novel loss-based process capacity index $S_{pk'}$ and its applications, *International Journal of System Assurance Engineering and Management*, 15(6), 2188-2201.
- viii) Mondal, A. and Maiti, S. S. (2023): Reliability Acceptance Sampling Plan for One Parameter Polynomial Exponential Distribution, *Reliability: Theory & Applications*, 18(3), 596-609.
- ix) Saha, M., Bhattacharya, A., Pramanik, S., Maiti, S. S. and Gupta, A. (2023): A unified generalized process capability index and its applications to logistic-exponential distributed characteristic, *European Journal of Industrial Engineering (EJIE)*, Accepted.
- x) Dey, S., Saha, M., Anis, M. Z., Maiti, S. S. and Kumar, S. (2023): Estimation and confidence intervals of $CNp(u,v)$ for logistic-exponential distribution with application, *International Journal of System Assurance Engineering and Management*, 14(1), 31-446.

- xi) Das, S. and Maiti, S. S. (2022): Statistical Quality Control Charts - A Review, Journal of Statistical Approaches in Research, Accepted.
- xii) Mukherjee, I., Maiti, S. S. and Singh, V. V. (2023): On estimation of the PDF and the CDF of the one-parameter polynomial exponential family of distributions, Communications in Statistics-Theory and Methods, 52(1), 104-120, <https://doi.org/10.1080/03610926.2021.1910302>
- xiii) Chatterjee, S. and Maiti, S. S. (2022): A Sharp Approximation of Stress-Strength Reliability for a Hollow Rectangular Tube under the Weibull Setup, International Journal of Statistics and Reliability Engineering, 9(3), 475-480.
- xiv) Maiti, S. S., Ruidas, M. K. and Adhya, S. (2022): Natural Discrete One Parameter Polynomial Exponential Family of Distributions and the Application, Annals of Data Science, <https://doi.org/10.1007/s40745-022-00422-8>
- xv) Ruidas, M. K., Mukherjee, I., Choudhury, M. M., Maiti, S. S. and Adhya, S. (2022): One parameter polynomial exponential distribution with binomial mixture, RevStat, Published Online.
- xvi) Biswas, S. and Maiti, S. S. (2022): Multiple dependent state sampling inspection plan for Lindley distributed quality characteristic, Stochastic and Quality Control, 37(1), 85-99. <https://doi.org/10.1515/eqc-2021-0038>
- xvii) Singh, V. V., Ismail, A. L. and Maiti, S. S. (2022): Performance assessment of complex system under the k-out-of- n: G type configuration with k consecutive degraded states through the copula repair approach, International Journal of Reliability, Quality and Safety Engineering, 29(2), 2150047(29 pages) <https://doi.org/10.1142/S0218539321500479>
- xviii) Yadav, A. S., Maiti, S. S. and Saha, M. (2021): The inverse xgamma distribution: statistical properties and different methods of estimation, Annals of Data Science, 8(2), 275-293.
- xix) Saha, M., Tripathi, H., Dey, S. and Maiti, S. S. (2021): Acceptance sampling inspection plan for the Lindley and power Lindley distributed quality characteristics, International Journal of System Assurance Engineering and Management, 12, 1410-1419. <https://doi.org/10.1007/s13198-021-01349-8>.
- xx) Choudhury, M. M., Bhattacharya, R. and Maiti, S. S. (2021): Estimation of $P(X \leq Y)$ for Discrete Distributions with Non-identical support, Transition in Statistics (Accepted).
- xxi) Mukherjee, I., Maiti, S. S. and Shanker, R. (2021): On Estimation of the Probability Mass function and the Cumulative Distribution function of a Natural Discrete One Parameter Polynomial Exponential distribution, International Journal of Applied Mathematics and Statistics, 60(3), 49-61.
- xxii) Choudhury, M. M., Bhattacharya, R. and Maiti, S. S. (2021): On estimating reliability function for the family of power series distribution, Communications in Statistics-Theory and Methods, 50(12), 2801-2830, DOI: 10.1080/03610926.2019.1676446.
- xxiii) Mukherjee, I. and Maiti, S. S. (2020): Estimation of the PDF and the CDF of the two-parameter exponential distribution for type-II censored sample, Journal of Statistical Modelling: Theory and Applications, 1(2), 131-151.
- xxiv) Maiti, S. S., Bhattacharya, A. and Saha, M. (2021): On Generalizing Lifetime Performance Index, Life Cycle Reliability and Safety Engineering, 10(1), 31-38.
- xxv) Hemeda, S. E., Pramanik, S. and Maiti, S. S. (2020): Kumaraswamy Inverse Lindley Distribution with Stress-Strength Reliability, Gazi Journal of Engineering Sciences (GJES), 6(3), 255-264.

- xxvi) Yadav, A. S., Sen, S., Maiti, S. S., Saha, M. and Shukla, S. (2020): Some further properties and Bayesian inference inverse xgamma distribution under progressive type-II censored scheme, *Annals of Data Science*. <https://doi.org/10.1007/s40745-020-00286-w>
- xxvii) Bhattacharya, R., Maiti, S. S., Choudhury, M. M. and Mukherjee, D. (2020): MINIMUM VARIANCE UNBIASED ESTIMATION OF RELIABILITY FUNCTION FOR CLASS OF GENERALIZATIONS OF LINDLEY DISTRIBUTION, *Calcutta Statistical Association Bulletin*, 72(1), 43-57.
- xxviii) Sahu, S., Harirajan, K., Maiti, S. S., Mahapatra, G. and Sahu, S. (2020): DISTRIBUTION DEPENDENT EQUALIZATION OF SCORES TOWARDS REMOVING EXAMINERS' BIAS: A CASE STUDY OF AN ENGLISH PAPER, *International Journal for Research in Engineering Application and Management*, 5(12), 127-135.
- xxix) Samanta, S., Banerjee, S., Patra, P. K., Maiti, S. S. and Chattopadhyay, N. (2020): Choice of ideal sunshine hour based model to predict global solar radiation in India, *Mausam*, 73(3), 451-466.
- xxx) Tripathi, H., Maiti, S. S., Biswas, S. and Saha, M. (2020): SAMPLING INSPECTION PLAN FOR EXPONENTIALLY DISTRIBUTED QUALITY CHARACTERISTIC AND BEYOND, *IAPQR Transactions*, 44(2), 157-173.
- xxxi) Sen, S., Al-Mofleh, H and Maiti, S. S. (2021): ON DISCRIMINATION BETWEEN THE LINDLEY AND XGAMMA DISTRIBUTIONS, *Annals of Data Science*, 8(3), 559-575. <https://doi.org/10.1007/s40745-020-00243-7>.
- xxxii) Saha, M., Kumar, S., Maiti, S. S., Yadav, A. S. and Dey, S. (2020): ASYMPTOTIC AND BOOTSTRAP CONFIDENCE INTERVALS FOR THE PROCESS CAPABILITY INDEX C_{py} BASED ON LINDLEY DISTRIBUTED QUALITY CHARACTERISTIC, *American Journal of Mathematical and Management Sciences*, 39(1), 75-89.
- xxxiii) Mukherjee, I. and Maiti, S. S. (2019): A NOTE ON ESTIMATION OF THE PDF AND CDF OF THE LOGNORMAL DISTRIBUTION, *Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science*, 8, 163-174.
- xxxiv) Hassan, A. S., Nassr, S. G., Pramanik, S. and Maiti, S. S. (2020): Estimation in constant stress partially accelerated life tests for Weibull distribution based on censored competing risks data, *Annals of Data Science*, 7(1), 45-62. DOI: 10.1007/s40745-019-00226-3.
- xxxv) Hemeda, S. E., Abdallah, A. B., Maiti, S. S. and Pramanik, S. (2019): Generalized Inverse Weibull-G family of distributions with application to lifetime data, *Far East Journal of Mathematical Sciences (FJMS)*, 112(2), 237-266.
- xxxvi) Saha, M., Dey, S. and Maiti, S. S. (2019): Bootstrap Confidence Intervals of C_{pTk} for two parameter Logistic Exponential distribution with applications, *International Journal of System Assurance Engineering and Management*, 10(4), 623-631.
- xxxvii) Maiti, S. S. and Pramanik, S. (2019): ODDS XGAMMA-G FAMILY OF DISTRIBUTIONS, *IAPQR Transactions*, 43(2), 135-163.
- xxxviii) Hemeda, S. E., Abdallah, A. B., Maiti, S. S. and Pramanik, S. (2019): GENERALIZED INVERSE WEIBULL-G FAMILY OF DISTRIBUTIONS WITH APPLICATION TO LIFE TIME DATA, *Far East Journal of Mathematical Sciences (FJMS)*, 112(2), 237-266.
- xxxix) Mukherjee, I., Maiti, S. S. and Das, M. (2018): ON ESTIMATION OF THE PMF AND CDF OF THE LOGARITHMIC SERIES DISTRIBUTION, *Rashi*, 3(2), 34-44.

- xl) Saha, M., Kumar, S., Maiti, S. S. and Yadav, A. S. (2018): ASYMPTOTIC AND BOOTSTRAP CONFIDENCE INTERVALS FOR THE PROCESS CAPABILITY INDEX C_{py} FOR EXPONENTIALLY DISTRIBUTED QUALITY CHARACTERISTIC, Life Cycle Reliability and Safety Engineering, 7(4), 235-243.
- xli) Nanda, A. K., Maiti, S. S., Kundu, C. and Kundu, A. (2018): PARAMETER ESTIMATES OF GENERAL FAILURE RATE MODEL: A BAYESIAN APPROACH, Journal of Computational and Applied Mathematics, 351, 317-330.
- xl ii) Maiti, S. S., Dey, M. and Sarkar (Mondal), S. (2018): Discrete xgamma distributions: Properties, Estimation and an application to the collective risk model, Journal of Reliability and Statistical Studies, 11(1), 117-132.
- xl iii) Maiti, S. S. and Mukherjee, I. (2018): On estimation of the PDF and CDF of the Lindley distribution, Communications in Statistics-Simulation and Computation, 47(5), 1370-1381.
- xl iv) Sen, S., Chandra, N. and Maiti, S. S. (2018): ON PROPERTIES AND APPLICATIONS OF A TWO-PARAMETER XGAMMA DISTRIBUTION, Journal of Statistical Theory and Applications, 17(4), 674-685.
- xl v) Saha, M., Dey, S. and Maiti, S. S. (2018): PARAMETRIC AND NON-PARAMETRIC BOOTSTRAP CONFIDENCE INTERVALS OF C_{Npk} FOR EXPONENTIAL POWER DISTRIBUTION, Journal of Industrial and Production Engineering, 53(3), 160-169.
- xl vi) Sen, S., Chandra, N. and Maiti, S. S. (2018): SURVIVAL ESTIMATION IN XGAMMA DISTRIBUTION UNDER PROGRESSIVELY TYPE-II RIGHT CENSORED SCHEME, Model Assisted Statistics and Applications, 13, 107-121.
- xl vii) Dey, S., Saha, M., Maiti, S. S. and Jun, C-H. (2018): BOOTSTRAP CONFIDENCE INTERVALS OF GENERALIZED PROCESS CAPABILITY INDEX C_{pyk} , Communications in Statistics-Simulation and Computation, 47(1), 249-262.
- xl viii) Gupta, A., Nazrin, C. S. and Maiti, S. S. (2017): SITUATION OF INTIMATE PARTNER VIOLENCE-A STATISTICAL STUDY, International Journal of Reviews and Research in Social Sciences, 5(2), 93-102.
- xl ix) Hassan, A. S., Hemeda, S. E., Maiti, S. S. and Pramanik, S. (2017): THE GENERALIZED ADDITIVE WEIBULL-G FAMILY OF DISTRIBUTIONS, International Journal of Statistics and Probability, 6(5), 65-83.
- l) Maiti, S. S. and Mukherjee, I. (2017): ESTIMATION OF THE PMF AND CDF OF SOME STANDARD DISCRETE DISTRIBUTIONS USEFUL IN RELIABILITY MODELLING, International Journal of Agricultural and Statistical Sciences, 13(2), 735-751.
- li) Sen, S., Chandra, N. and Maiti, S. S. (2017): THE WEIGHTED XGAMMA DISTRIBUTION: PROPERTIES AND APPLICATION, Journal of Reliability and Statistical Studies, 10(1), 43-58.
- li i) Mukherjee, I., Dey, S. and Maiti, S. S. (2016): COMPARISON OF ESTIMATORS OF THE PDF AND CDF OF THE GENERALIZED EXPONENTIAL DISTRIBUTION, Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science, 5, 266-281.
- li ii) Saha, M. and Maiti, S. S. (2016): CONFIDENCE INTERVALS OF C_{pyk} FOR INVERSE RAYLEIGH AND LOG-LOGISTIC DISTRIBUTED QUALITY CHARACTERISTICS, Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science, 5, 254-265
- li v) Maiti, S. S. and Pramanik, S. (2016a): ODDS GENERALIZED EXPONENTIAL-

- PARETO DISTRIBUTION: PROPERTIES AND APPLICATION, Pakistan Journal of Statistics and Operations Research, 12(2), 257-279.
- lv) Maiti, S. S. and Pramanik, S. (2016b): ODDS GENERALIZED EXPONENTIAL-UNIFORM DISTRIBUTION AND ITS APPLICATION, Research & Reviews: Journal of Statistics, 5(1), 33-45.
 - lvi) Sen, S., Maiti, S. S. and Chandra, N. (2016): THE XGAMMA DISTRIBUTION: STATISTICAL PROPERTIES AND APPLICATION, Journal of Modern Applied Statistical Methods, 15(1), 774-778.
 - lvii) Dey, S., Maiti, S. S. and Ahmad, M. (2016): COMPARISON OF DIFFERENT ENTROPY MEASURES, Pakistan Journal of Statistics, 32(2), 97-108.
 - lviii) Maiti, S. S. and Murmu, S. (2015): BAYESIAN ESTIMATION OF RELIABILITY IN TWO-PARAMETER GEOMETRIC DISTRIBUTION, Journal of Reliability and Statistical Studies, 8(2), 41-58.
 - lix) Maiti, S. S. and Pramanik, S. (2015): ODDS GENERALIZED EXPONENTIAL-EXPONENTIAL DISTRIBUTION, Journal of Data Science, 13(4), 733-754.
 - lx) Maiti, S. S., Murmu, S. and Chattopadhyay, G. (2015): INFERENCE ON RELIABILITY FOR TWO-PARAMETER GEOMETRIC DISTRIBUTION, International Journal of Agricultural and Statistical Sciences, 11(2), 291-300.
 - lxi) Dey, S., Dey, T. and Maiti, S. S. (2015): BAYES SHRINKAGE ESTIMATION OF THE PARAMETER OF RAYLEIGH DISTRIBUTION FOR PROGRESSIVE TYPE-II CENSORED DATA, Austrian Journal of Statistics, 44, 3-15
 - lxii) Chowdhury, S. and Maiti, S. S. (2014): BAYESIAN ESTIMATION OF TRAFFIC INTENSITY IN AN M/Er/1 QUEUEING MODEL, Research & Reviews: Journal of Statistics, 1, 99-106
 - lxiii) Maiti, S. S., Bhattacharya, A. and Saha, M. (2014): A NEW PROCESS CAPABILITY INDEX AND ITS APPLICATION TO LINDLEY DISTRIBUTED CHARACTERISTICS, Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science, 3, 202-212
 - lxiv) Mukherjee, S. and Maiti, S. S. (2014): SAMPLING INSPECTION PLAN BY VARIABLE FOR LINDLEY DISTRIBUTED QUALITY CHARACTERISTICS, Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science, 3, 213-223
 - lxv) Maiti, S. S. and Murmu, S. (2014): INFERENCE ON $P(X < Y)$ FOR EXTREME VALUES, American Journal of Applied Mathematics and Statistics, 2(3), 121-128.
 - lxvi) Maiti, S. S. and Saha, M. (2013): ON GENERALIZED QUALITY CAPABILITY INDEX, Calcutta Statistical Association Bulletin, 65, 201-218.
 - lxvii) Maiti, S. S. and Murmu, S. (2013): DYNAMIC $P(X < Y)$ AND RELATED INFERENCE, Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science, 2, 92-108.
 - lxviii) Dey, S., Dey, T. and Maiti, S. S. (2013): BAYESIAN ESTIMATION AND PREDICTION INTERVALS FOR MAXWELL DISTRIBUTION UNDER CONJUGATE PRIOR, Model Assisted Statistics and Applications, 8(3), 193-203.
 - lxix) Maiti, S. S. and Murmu, S. (2013): INFERENCE ON RELIABILITY WITH GEOMETRIC LIFETIME, Advances in Statistics and Optimisation (Eds.: A. H. Khan & R. Khan), R. J. Enterprises, New Delhi, India, 194-208.
 - lxx) Saha, M. and Maiti, S. S. (2012): ESTIMATION OF GENERALIZED PROCESS CAPABILITY INDICES: A COMPARATIVE STUDY, Journal of Applied Statistical Science, 20(2), 1-10.

- lxxi) Maiti, S. S. and Saha, M. (2012a): GENERALIZED PROCESS CAPABILITY INDICES, Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science, 1, 1-18.
- lxxii) Maiti, S. S. and Saha, M. (2012b): BAYESIAN ESTIMATION OF GENERALIZED PROCESS CAPABILITY INDICES, Journal of Probability and Statistics, 2012, Article ID 819730, 15 pages, doi:10.1155/2012/819730.
- lxxiii) Maiti, S. S. and Dey, M. (2012): TILTED NORMAL DISTRIBUTION AND ITS SURVIVAL PROPERTIES, Journal of Data Science, 10, 225-240.
- lxxiv) Dey, S. and Maiti, S. S. (2012): BAYESIAN ESTIMATION OF THE PARAMETER OF RAYLEIGH DISTRIBUTION UNDER THE EXTENDED JEFFREY'S PRIOR, Electronic Journal of Applied Statistical Analysis, 5(1), 44-59.
- lxxv) Maiti, S. S. and Murmu, S. (2011): ON $P(X < Y)$ FOR EXTENDED FAMILY OF DISTRIBUTIONS, Calcutta Statistical Association Bulletin, 63, 339-357.
- lxxvi) Dey, S. and Maiti, S. S. (2011): BAYESIAN INFERENCE ON THE SHAPE PARAMETER AND FUTURE OBSERVATION OF EXPONENTIATED FAMILY OF DISTRIBUTIONS, Journal of Probability and Statistics, 2011, Article ID 457472, 17 pages, doi:10.1155/2011/457472.
- lxxvii) Maiti, S. S. and Saha, M. (2011): INFERENCE ON GENERALIZED PROCESS CAPABILITY INDEX, IAPQR Transactions, 36(1), 45-67.
- lxxviii) Maiti, S. S. and Murmu, S. (2011): INFERENCE ON $P(X < Y)$ FOR EXPONENTIATED FAMILY OF DISTRIBUTIONS, Pakistan Journal of Statistics and Operations Research, 7(2), 109-138.
- lxxix) Dey, S. and Maiti, S. S. (2010): BAYESIAN ESTIMATION OF THE PARAMETER OF MAXWELL DISTRIBUTION UNDER DIFFERENT LOSS FUNCTIONS, Journal of Statistical Theory and Practice, 4(2), 279-287.
- lxxx) Maiti, S. S., Saha, M. and Nanda, A. K. (2010): ON GENERALIZING PROCESS CAPABILITY INDICES, Journal of Quality Technology and Quantitative Management, 7(3), 279-300.
- lxxxi) Kundu, C., Nanda, A. K. and Maiti, S. S. (2010): SOME DISTRIBUTIONAL RESULTS THROUGH PAST ENTROPY, Journal of Statistical Planning and Inference, 140(5), 1280-1291.
- lxxxii) Sen, S., Dey, M. and Maiti, S. S. (2010): DISCRETE BIRNBAUM-SAUNDERS DISTRIBUTION AND ITS PROPERTIES RELATED TO RELIABILITY ANALYSIS, IAPQR Transactions, 35(1), 67-78.
- lxxxiii) Maiti, S. S. and Nanda, A. K. (2009): A LOGLIKELIHOOD BASED MEASURE OF INACTIVITY TIME DISTRIBUTION, CSA Bulletin, 61, 303-320.
- lxxxiv) Nanda, A. K. and Maiti, S. S. (2007): REYNI INFORMATION MEASURE FOR A USED ITEM, Information Sciences, 177, 4161-4175.
- lxxxv) Maiti, S. S. and Biswas, A. (2007): "A NEW CHARACTERIZATION OF GEOMETRIC DISTRIBUTION", Kybernetika, 43(1), 97-102.
- lxxxvi) Nanda, A. K. and Maiti, S. S. (2006): "GENERALIZED RESIDUAL INFORMATION, LIKELIHOOD AND AN INTRINSIC RESIDUAL LIFE DISTRIBUTION MEASURE", Statistical Methods, Special Issue, 77-86.
- lxxxvii) Maiti, S. S. (2006): "ON ESTIMATION OF $P(X \leq Y)$ FOR DISCRETE DISTRIBUTIONS USEFUL IN LIFE TESTING", IAPQR Transactions, 31, 39-46.
- lxxxviii) Maiti, S. S. and Kanji, A. (2005): "A NOTE ON CHARACTERIZATION OF $P(X \leq Y)$ FOR DISCRETE LIFE DISTRIBUTIONS", Journal of Applied Statistical Science, 14, 275-279.

- lxxxix) Mukherjee, S. P. and Maiti, S. S. (2005): "STRESS-STRENGTH RELIABILITY UNDER TWO-COMPONENT STRESS SYSTEM", Journal of Statistical Theory and Application, 5, 341-347.
- xc) Maiti, S. S. (2005): "BAYESIAN ESTIMATION OF $P(X \leq Y)$ FOR SOME DISCRETE LIFE DISTRIBUTIONS", Contribution to Applied and Mathematical Statistics, 3, 81-96.
- xc i) Mukherjee, S. P. and Maiti, S. S. (1999): "A SEQUENTIAL BAYES ESTIMATION OF RELIABILITY", BAYESIAN ANALYSIS, 65-71.
- xc ii) Mukherjee, S. P. and Maiti, S. S. (1998): "STRESS-STRENGTH RELIABILITY IN THE WEIBULL CASE", FRONTIERS IN RELIABILITY, World Scientific, Vol. - 4, 231-248.
- xc iii) Mukherjee, S. P. and Maiti, S. S. (1996): "A PERCENTILE ESTIMATOR OF THE INVERSE RAYLEIGH PARAMETER", IAPQR Transactions, 21, 63-65.
- xc iv) Mukherjee, S. P. and Maiti, S. S. (1996): "RELIABILITY FROM DAMAGED STRESS AND STRENGTH DATA", CSA Bulletin, 46, 135-141.
- xc v) Maiti, S. S. (1995): "ESTIMATION OF $P(X \leq Y)$ IN THE GEOMETRIC CASE", JISA, 33, 87-91.
- xc vi) Mukherjee, S. P. and Maiti, S. S. (1995): "A PRAGMATIC APPROACH TO ESTIMATION OF STRESS-STRENGTH RELIABILITY", IAPQR Transactions, 20, 123-131.
- xc vii) Mukherjee, S. P. and Maiti, S. S. (1994): "RELIABILITY ESTIMATION FOR INDEPENDENT NON-IDENTICAL STRESS AND STRENGTH", ESSAYS ON PROBABILITY AND STATISTICS, 221-230.

Interdisciplinary

- i) Banerjee, P., Maity, S., Maiti, S. S. and Banerjee, N. (2007): INFLUENCE OF GENOTYPE ON IN VITRO MULTIPLICATION POTENTIAL OF ARACHIS HYPOGAEA L., Acta Bot. Croat., 66 (1), 15-23.
- ii) Majumdar, M., Maiti, S. S. and Banerjee, N. (2010): Direct and Callus-mediated Protocorm-like Body Induction and High Frequency Adventitious Shoot Regeneration in an Endangered Orchid – *Dendrobium farmeri* Paxt. (Orchidaceae), Floriculture and Ornamental Biotechnology, 4(1), 22-28.

Other Articles

- i) "Changing Scenario : A Better Scope to Young Scientists in R & D", R & D AS A CAREER CHALLENGES TO YOUNG SCIENTISTS, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi- 110016 in 1995.
- ii) "ISO 9000: A Gateway towards TQM", Published in SURVEY.
- iii) "Materials Management Department: Growing importance as a Service Centre in an Organisation", Published in SURVEY

Book

- i) Das, J. K. and Maiti, S. S. (2001): BANIJYA SASTRA RASHIVIGYAN, Netaji Subhas Open University, Kolkata.