BRIEF PROFILE

Name	:	**DEBASIS BHATTACHARYA**
Permanent Address	:	10 Galiff Street, Block #6, Flat #67, Calcutta-700003
e-mail	:	debasis_us@yahoo.com
Phone number	:	**9434493185**
Present Position and Affiliation	:	Professor of Statistics (since August, 2006), Department of Agricultural Statistics, Institute of Agriculture, Visva-Bharati University, Santiniketan, W.B, India
Research Interests	:	Statistical Inference for dependent processes, Probability, Contiguity problems, Risk Analysis, Reliability engineering, Reliability Management, Bayesian Inference
Academic Qualification	:	Ph.D.(Statistics)
Academic Identities	:	Orcid Id: http://www.orcid.org/0000-0002-0002-135X Scopus Id: http://www.scopus.com/authid/detail.url?authorId=35476231600 Researcher Id: http://www.researcherid.com/rid/bhattacharyadebasispsbvb@gmail.com Google Scholar Id: http://scholar.google.co.in/citations?user=bhattacharyadebasispsbvb@gmail.com

Administrative Experience:

Serving as **Chair Professor**, A.K. Dasgupta Centre for Planning and Development, Niti Ayog.
Serving as **Hony. Director**, Agro-Economic Research Centre, Minstry of Agriculture and Farmers' Welfare, GoI and Visva-Bharati
Serving as **Head**, Department of Agricultural Statistics, Institute of Agriculture, Visva-Bharati, since 2016
Served as Professor-in-charge, Academic and Research of Visva-Bharati university during 2012-2014.
Served as **Dean**, Institute of Agriculture, Visva-Bharati, since September 2019- September 2021.
Served as Department Head during June, 2009 - December, 2014

Teaching Experience:
Since 1989, 33 years of teaching experience at both, undergraduate and postgraduate levels.

Visiting Professor in the Department of Statistics, University of California, Davis, USA, since 1998-2001, 2006,

2007, 2008, 2009, 2012
Visiting Fellow (under UGC-SAP), Department of Statistics, Panjab University, Chandigarh, 2011. 2014
Visiting Fellow (under UGC-SAP), Department of Statistics, Sardar Patel University, Vallbh Vidyanagar, Anand, Gujrat, 2019
.
Publication Summary:

Total publications: **115** (published with renowned international publishers like Elsevier, Marcel Dekker, Kluwer, Wiley, Springer, Taylor and Francis, World Scientific, Sage, Allerton Press, IMS etc.)
Journals of International Repute: 52; Reputed National Journals**:** 25; Books Authored: 8; Book Chapters: 19; Technical Reports: 9; Books Edited: 2

Research Grants:

Grant from Teaching Resources Center, University of California, Davis, California, USA.
Grant from University Grants Commission in the form of fellowship.
Partial Financial Grant for research from Visva-Bharati.

Award
Award of "Distinguished Statistician" has been conferred by the Indian Society for Probability and Statistics.

Membership of Learned Society:

Institute of Mathematical Statistics, USA, American Statistical Association, Indian Statistical Institute, Calcutta Statistical Association, Indian Science Congress Association, Indian Association for Productivity, Quality and Reliability
International research collaboration: Collaborative research work done at the University of California, Davis, USA

Supervised Ph.D. Students: Awarded: 4, Continuing: 6

Editorial Responsibility:

Editor of the Journal "Stochastic Modeling and Applications": ISSN: 0972-3641
Associate Editor "Journal of the Indian Society for Probability and Statistics" : ISSN: 2364-9569
Editorial Board Member "Calcutta Statistical Association Bulletin": ISSN: 1095-4872
Editorial Board Member "IAPQR Transaction": ISSN: 0970-0102

Products Developed : Developed a Statistical Calculator for analyzing Data Sets.

Technologies Developed:

Developed a Statistical Calculator for analyzing Data. The calculator has become very popular among the researchers and students of agriculture considering its usefulness. The calculator has been briefly described in the paper "Statistical Analysis Step-By-Step Using Statistical Calculator" published in International journal of Current Microbiology and Applied Sciences, 2018, 7(11), 901-921 (co-authored by Dr. D.S.Dhakre)

Patents: Nil

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Visited Universities abroad for Academic purpose:

Stanford University, USA (2000), Purdue University, USA (1995), University of California, Davis, USA (1998-2001, 2006, 2007, 2008, 2009, 2012), Korea University, Seoul (1998), National University of Singapore, Singapore (2002), Kazakhstan Institute of Management, Economics and Strategic Research (KIMEP)(2003), Rice University, Houston, Texas, USA (2004), Fu Jen University, Taipei, Taiwan (2007), National Cheng- Kung University, Tainan, Taiwan (2008)

Referee /Reviewer of the journals:
Journal of Inequality and applications, Statistics and Probability Letters, Journal of Statistical Planning and Inference, Journal of Multivariate Analysis, Communication in Statistics; Theory and Methods, Naval Research Logistics, Journal of Applied Statistics, Sankhyā, Model Assisted Statistics and Applications, Calcutta Statistical Association

Home page:

https://sites.google.com/view/bhattacharyadebasis/home
http://www.visvabharati.ac.in/DebasisBhattacharya.html

Sl. No.	Details of Publications in the format given above	NAAS Journal ID and (Score)	Number of Citations
List 20 most important research publications, in chronological order. For each publication, give name(s) of the author(s), indicate the corresponding author£ by '*' after his/her name, year of publication, full title of the paper, name of the journal, volume No. and page Nos.			
1.	Jorge Navarro, Francisco Samaniego, N. Balakrishnan, **Debasis Bhattacharya**, 2008, On the Application and Extension of System Signatures in Engineering Reliability, Naval Research Logistics, 55,313-327.	Thompson Reuter ID 8770, IF=0.989,Equivalent NAAS score= 6.989	Citation 167
			Reads 81
2.	F.J. Samaniego, E. M.Vestrup, **D. Bhattacharya**, 2007, On constrained estimation problems in time-use survey data, Statistics & Probability Letters, 77, 204-210.	NAAS Journal ID: S066, Score 6.62	
3.	George Roussas, **Debasis Bhattacharya**, 2008, Hajek-Inagaki representation theorem, under a general stochastic processes frame work, based on stopping times, Statistics & Probability Letters, 78, 2503-2510.	NAAS Journal ID: S066, Score 6.62	Citation 3 Reads 22
4.	**Debasis Bhattacharya**, F.J. Samaniego, 2007, On the optimal allocation of components within coherent systems, Statistics & Probability Letters, 78, 938-943.	NAAS Journal ID: S066, Score 6.62	Citation 26 Reads 12
5.	**Debasis Bhattacharya**, F.J. Samaniego, 2010, Estimating component characteristics from system failure-time data, Naval Research Logistics, 57,380-389.	Thompson Reuter ID 8770, IF=0.989,Equivalent NAAS score= 6.989	Citation 45 Reads 112
6.	S. Roychowdhury, **D. Bhattacharya**, 2010, Improving system reliability using conditional reliability importance, Proceeding of the Institution of Mechanical Engineering, Part O, Risk and Reliability, 225,91-99	Thompson Reuter ID 7052, IF=1.373, Equivalent NAAS score= 7.373	Citation 3
7.	George G. Roussas and Debasis Bhattacharya*, 2020, A Conversation with Francisco J. Samaniego, Statistical Science, 35(2), 321–333 (there is no system of indicating corresponding author)	Thompson Reuter ID 3968, IF=2.324,Equivalent NAAS score= 8.324	
8.	**Debasis Bhattacharya***, F. J. Samaneigo, 2010, A conversation with George G. Roussas, Statistical Science, 25(4), 566-587 (there is no system of indicating corresponding author)	Thompson Reuter ID 3968, IF=2.324, Equivalent NAAS score= 8.324	
9.	A.K.Basu, **D.Bhattacharya***, 1993, On the speed of convergence in the central limit theorem of log-likelihood ratio processes, Journal of Theoretical Probability,6(4),619-634 (this work is a part of the Ph.D.thesis and during that time/ year there was no system of indicating corresponding author)	Thompson Reuter ID 8736, IF=0.883, Equivalent NAAS score= 6.883	Citation 3
10.	Adhir K. Basu, **Debasis Bhattacharya***, 1999, Asymptotic minimax bounds for sequential estimators of parameters in a locally asymptotically quadratic family, Brazilian Journal of Probability and Statistics,13, 137-148 (this work is a part of the Ph.D. thesis and during that time/ year there was no system of indicating corresponding author)	Thompson Reuter ID 9537, IF=0.819, Equivalent NAAS score= 6.819	Citation 2

11.	A.K. Basu, **Debasis Bhattacharya***, 1994, On the speed of convergence in the central limit theorem of sequential log-likelihood ratio processes, Sequential Analysis (-Design Methods and Applications),13(2), 97-111 (this work is a part of the Ph.D.thesis and during that time/ year there was no system of indicating corresponding author)	Thompson Reuter ID 11269, IF=0.441, Equivalent NAAS score= 6.441	
12.	A.K. Basu, **Debasis Bhattacharya***, 1994, On the speed of convergence of log-likelihood ratio processes to standard mixture of normal distributions, Indian Journal of Pure and Applied Mathematics, 25(10), 1017-1029. (this work is a part of the Ph.D. thesis and during that time/ year there was no system of indicating corresponding author)	Thompson ReuterID 11268, IF=0.325, Equivalent NAAS score= 6.325	
13.	Soma Roychowdhury, **Debasis Bhattacharya**, 2009, Rearrangement of components in a system using component importance measures, Journal of Statistical Theory and Practice, 3(4), 841-854	NAAS Journal ID: J481, Score 5.90	Reads - 8
14.	D.S.Dhakre, **D. Bhattacharya**, 2013, Growth and instability analysis of vegetables in West Bengal, India, International journal of Bio-resource and Stress Management, 4(3), 456-459.	NAAS Journal ID: I179, Score 4.65	Citation 12
15.	Abhiram Dash, D.S. Dhakre, **D. Bhattacharya**, 2017, Fitting of Appropriate model to study growth rate and instability of mango production in India, Agricultural Science Digest, 37(3), 191-196	NAAS Journal ID: A090, Score 4.21	
16.	A. Dash. D.S. Dhakre, **D. Bhattacharya**, 2017, Analysis of growth and instability in pulse production of Odisha during Rabi season: A statistical modelling approach, International journal of Current Microbiology and Applied Sciences, 6(8), 107-115.	NAAS Journal ID: I190, Score 5.38	
17.	A. Dash, D.S.Dhakre, **D. Bhattacharya**, 2017, Fitting of appropriate statistical model for study of growth and instability in cereal production of Odisha, Journal of Pharmacognosy and Phytochemistry, 6(5), 2495-2499.	NAAS Journal ID: J399, Score 5.21	
18.	A. Dash. D.S. Dhakre, **D. Bhattacharya**, 2017, Analysis of growth and instability in rice production of Odisha by fitting appropriate statistical models, International journal of Current Microbiology and Applied Sciences, 6(10), 3313-3322	NAAS Journal ID: I190, Score 5.38	
19.	B. Nath, D.S. Dhakre,and **D. Bhattacharya***, 2019, Forecasting wheat production in India: An ARIMA modelling approach, Journal of Pharmacognosy and Phytochemistry, 8(1),2158-2165.	NAAS Journal ID: J399, Score 5.21	
20.	A. Pal, D.S.Dhakre and **D.Bhattacharya*.** 2019, An Analysis of Constraints in Large Scale Dissemination of System of Rice Intensification (SRI) in Odisha, India, International Journal of Current Microbiology and Applied Sciences, 8 (7)	NAAS Journal ID: I190, Score 5.38	