

Faculty Profile

Name: Dibyojyoti Bhattacharjee

Designation: Professor

Department: Statistics

Phone Numbers:

Email id:



Educational Qualifications: M. Sc in Statistics, University of Delhi (1997); M. Phil in Statistics, University of Delhi (2000); M. Sc in Computer Science, North Orissa University (2007), Ph.D in Statistical Graphics, Gauhati University (2007), Post-Doc in Cricket Analytics from XLRI School of Management, Jamshedpur

Areas of Interest: (Not more than 5) Statistical Graphics, Data Mining in Sports, Cricket Analytics

Work Experience: [In chronological order with the recent one at the last.]

Name of the Organization	Designation	Period		Nature of Post (permanent/temporary/Adhoc/ contractual etc.)
		From	To	
Ram Lal Anand College, New Delhi	Lecturer	17.11.1998	2.4.1999	Ad-hoc
Central Statistical Organization, New Delhi	ISS Probationer	31.8.1999	2.2.2000	Probation
G C College, Silchar	Lecturer	5.2.2000	4.2.2005	Permanent
	Senior Lecturer	5.2.2005	1.9.2006	Permanent
Gauhati University	Senior Lecturer	2.9.2006	24.11.2008	Permanent
Department of Business Administration, Assam University	Reader	25.11.2008	24.11.2011	Permanent
	Associate Professor	25.11.2011	24.11.2014	Permanent
	Professor	25.11.2014	19.1.2015	Permanent

Department of Statistics, Assam University	Professor	20.1.2015	Till date	Permanent
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Awards and Honours (if any): [Maximum upto 5]

[In chronological order with the recent one at the last.]

Award Details	Awarding Agency	Year	Remark (if any)
Best Science Graduate	Assam University	1995	Gold Medallist
Doctoral Fellowship	Indian Council of Social Science Research (ICSSR)	2003 – 2004	
Appreciation Certificate for the role of Dean Students Welfare	International Council of CCLP Worldwide	2012	For maintain peace among students of Assam University
Prof. K Srinivasan Award for the best paper published in “Demography India”	Indian Association for the Study of Population	2013	

Projects: [In chronological order with the recent one at the last. Mention shall be made if the project is ongoing or completed]

Project Title	Awarding Agency	Period	Amount Sanctioned	Ongoing/ Completed
Comparison of Survey Methodologies to Estimate Total Vaccination Coverage	Indian Council of Medical Research (ICMR)	2012-14	Rs. 3,04,340/- (Coinvestigator)	Completed

Consultancy/International Collaboration: [In chronological order with the recent one at the last.]

NIL

Details	Year	Remark (if any)
[Type of consultancy/ collaboration], [Party details], [Period], [Amount (if any)]		

Publications in Peer Reviewed Journals/Book Chapters (Maximum 5)

Authors	Title of the Paper/Chapter	Name of the Journal/Book	Journal/Book details	ISSN/ISBN
Bhattacharjee D and Talukdar P.	Predicting outcome of matches using pressure index: evidence from Twenty20 cricket	Communications in Statistics - Simulation and Computation	2019 DOI: 10.1080/03610918.2018.1532003 pp. 1-13	ISBN: 0361-0918
Bhattacharjee D and Chakraborty A.	“Breathing Room” for Bowlers: On Scrapping of Batting Power Play from 50 Overs Cricket	Sport Science International Scientific Journal of Kinesiology	2018 Vol. 11, Issue 2 pp. 46-53	ISSN: 1840-3662
Bhattacharjee D. and Saikia H	An objective approach of balanced cricket team selection using binary integer programming method	Opsearch	2016 Springer Link Vol. 53, No. 2 pp. 225- 247	ISSN: 0030-3887
Bhattacharjee D. and Saikia H.	On Performance Measurement of Cricketers and Selecting	International Journal of Performance Analysis in Sport	2014 Vol. 14, No. 1, pp. 262-275	ISSN 1474-8185, Online ISSN: 1474-8185

	an Optimum Balanced Team			
Choudhury S and Bhattacharjee D	Optimal number of scale points in Likert type scales for quantifying compulsive buying behaviour	Asian Journal of Management Research	2014, Vol. 4, No. 3, pp. 432-440.	ISSN:2229 3795

Books Authored/Edited Books (Maximum 5)

Authors	Title of the Book	ISBN	Publisher Details	Authored/Edited
Saikia, H., Bhattacharjee, D. and Mukherjee, D.	Cricket Performance Management Mathematical Formulation and Analysis	978-981-15- 1353-4	Springer Nature, Singapore (2019)	Co-Authored
Das, K. K. and Bhattacharjee, D.	Handbook of Statistical Graphics	978-81-224- 1227-9	New Age International Publishers, New Delhi, India. (2008)	Co-Authored
Das, K.K. and Bhattacharjee, D.	A Treatise on Statistical Inference and Distributions	81-8412-082-6	Asian Books, New Delhi, India (2008)	Co-Authored
Bhattacharjee, D.	Practical Statistics using Microsoft Excel	9788184121186	Asian Books, New Delhi, India (2010)	Authored

Das, K. K. and Bhattacharjee, D.	Statistics for Business and Marketing Research	978-81-203- 4076-3	PHI Learning, India. (2010)	Co-Authored
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Peer Reviewed Publications in Proceedings of National/International
Conference/Workshop/Symposium (Maximum 5)

Authors	Title of the Paper	Name of the Program and Organizer	Publisher Details	ISBN/ISSN
Bhattacharjee D.	Dimension Reduction Using Flying Kites: Visualization of Higher Dimensional Data in two Dimensions	“National Conference on Current Trends in Computer Science” Organized by Dept. of Computer Science, AUS	Narosa Publishing House, New Delhi (2011)	ISBN 978-81- 8487-109-8
Bhattacharjee D.	Visualizing the Health Infrastructure and Economic Condition of Indian States using Time Series Data	Annual Conference of the North East Economic Association Organized by Dept. Of Economics , AUS	Assam University, Silchar, 2012	ISBN:978- 81908202-1-9
Bhattacharjee D	A Comparative Study of Graphical Tools for Testing the Goodness of Fit to Poisson Distribution	National Conference on Recent Advances in Mathematical Sciences and their Applications. Deptt. of Mathematics, AUS	Publisher: Narosa Publishing House, 2013	ISBN:978-818487- 191-3

Bhattacharjee D	Moving Bubbles: An Example of Dynamic Visualization	Contemporary Trends of Research in Physical Sciences, Organized by Deptt. of Physics, G C College, Silchar	Publisher: Department of Physics, G C College, 2012	ISBN:978-81923616-0-4
Kashyap MP and Bhattacharjee D	An Empirical Comparison of Brand Switching Behaviour of Rural and	“International Conference on Frontiers in Mathematics” organized by Deptt. Of	Publisher: Gauhati University, Guwahati, Assam, India.	ISBN:978-81928118-9-5
	Urban Consumer: A Markovian Approach	Mathematics, Gauhati University March 26-28, 2015		

Patents (if any): **NIL**

Patent Details	Awarding Agency	Year	Remark (if any)

Details of Ph.D degree awarded (Under the supervision of the faculty):

Name of the Scholar	Title of the Thesis	Year award of	Remark (if any)
Dr. Hemanta Saikia	Application of Bayesian Data Analysis and Neural Network for Evaluating Cricketers' Performance and Compensation Packages in Twenty20 Cricket	2013	Department of Business Administration, Assam University

Dr. Chayan Paul	Data visualization some issues, perspectives and impediments	2014	Department of Business Administration, Assam University
Dr. Manash Pratim Kashyap	Application of statistical models for comparing some aspects of consumer behaviour of rural and urban population	2014	Department of Business Administration, Assam University
Dr. Nilanjana Deb	A Study on Digital divide and it's measure: Issues, models and perspectives	2016	Department of Business Administration, Assam University
Dr. Deepjyoti Choudhury	Attitude of Salaried Employees Towards Some Selected E-Banking Delivery Channels in Barak Valley	2017	Department of Business Administration, Assam University
Dr. Himadri Barman	Effectiveness of Enterprise Resource Planning on Enterprise Productivity - A Study on the Refineries of Assam	2017	Department of Business Administration, Assam University
Mr. Debtosh Chakraborty	A Stochastic Approach in Inventory Management of Sualkuchi Silk Industry, Assam	2020 (Submitted)	Department of Statistics, Assam University