

## Faculty Profile

Name: Dibyojyoti Bhattacharjee

Designation: Professor

Department: Statistics

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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 (XLRI, Jamshedpur in 2018)

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

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

Name of the Organization	Designation	Period		Nature of Post (permanent/temporary/Ad-hoc/ 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

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/- (Co-investigator)	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

### 1. Research Papers/Chapters in Edited Books

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Book
1.	Bhattacharjee D	Classifying districts of North East India by level of deprivation in basic facilities	Chapter in Raul and Saikia edited book, "North East India: Approaches towards Sustainable Development" pp. 113-131(Southern Economist, Bangalore) (2011) (ISBN 978-81-910247-1-5)
2.	Bhattacharjee D and Nath D. C.	Literacy Amongst Disables: Issues and Suggestions	Chapter in Somayajulu, Singh, Subrahmanyam and Pandey edited book, "Population and Reproductive Health: Perspectives and Issues" pp. 301-306 (Hindustan Pub., New Delhi)(2011) (ISBN 81-7075-089-X)
3.	Bhattacharjee D. and Chakroborty N.	Deprivation of Basic Facilities in the North Eastern States: A District Level Study	Agarwal and Singh edited book, "Understanding India's North East" pp. 27-34. (DVS Publishers, Delhi) (2011) (ISBN: 978-81-86307-42-7)
4.	Adhikari K. and Bhattacharjee D.	A Study of Human Development in Districts of Assam	Agarwal and Singh edited book, "Understanding India's North East" pp. 217-226. (DVS Publishers, Delhi) (2011) (ISBN: 978-81-86307-42-7)
5	Bhattacharjee D.	<b>Urban congestion: An empirical story from Northeast India</b>	M. Amarjeet Singh and Komol Singha edited book "Understanding Urbanisation in Northeast India Issues and Challenges" pp. 16-38 (April 2020) Routledge, CRC Press, Taylor and Francis Group, New Delhi (ISBN: 9780367466190)
6	Bhattacharjee B. and Bhattacharjee D.	Quantifying Players' Monopoly in a Cricket Team: An Application of Bootstrap Sampling	Krishna Kumar Mohbey, Arvind Pandey and Dharmendra Singh Rajput edited book "Predictive Analysis Using Statistics and

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Book
			Big Data: Concepts and Modelling", pp. 19-29 (2020) Bentham Science Publishers Pvt. Ltd. Singapore. ISBN (Print): 978-981-14-9051-4

## 2. Research Papers in Seminar Proceedings

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Book
1	Bhattacharjee, D.	Data Analysis with Bayesian Techniques: A Review	"Prod. Nat. Conf. on Rec. Dev. in Mat. and App." organized by Dept. of Math., Assam Univ., pp. 200-204. (2001).
2.	Bhattacharjee, D.	Some Issues on Fertilizer Consumption of North-East India (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1624732">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1624732</a> )	<i>Economic Reforms and Development In North East India</i> , eds. Sengupta and Roy, Mittal Publications, pp. 41-46, (2003). ISBN:81-7099-919-7
3.	Bhattacharjee, D. and Das, K. K.	Statistical Graphics: Some Delights and Discontents from Indian Print Media	<i>Statistical Thinking: Methods and Applications</i> , eds. Nath and Das, Capital Publishing Company, Guwahati, pp. 119-130. (2004)
4.	Bhattacharjee, D. and Kar, D.	Use and Abuse of Copyright Rules by Commercial Photostat Centers (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630696">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630696</a> )	<i>Intellectual Property Rights Some Issues</i> , eds. Das and Bhattacharya, Department of Commerce, G.C. College, Silchar, Assam, pp. 81-86. (2004)
5.	Bhattacharjee, D. and Das, P.	A Model for IQAC to Compare the Departments of a College using NAAC's New Methodology of Assessment and Accreditation. (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630694">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630694</a> )	Proceedings of "National Conference on impact of Assessment and Accreditation of Educational Institutions" pp. 44-49, 2008.
6	Paul C. and	An Algorithm and	Begam and Das edited book,

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Book
	Bhattacharjee D.	Graphical Representation for the Printer-Binder Sequential Problem	"Advanced Computing Applications, Databases and Networks" pp. 122-128. (Narosa Publishing House, New Delhi) (2011) (ISBN 978-81-8487-109-8)
7	Saikia H and Bhattacharjee D.	Data Mining into the performance of all-rounders in Indian Premier League (IPL)	Begam and Das edited book, "Advanced Computing Applications, Databases and Networks" pp. 197-204. (Narosa Publishing House, New Delhi) (2011) (ISBN 978-81-8487-109-8)
8	Bhattacharjee D.	Dimension Reduction Using Flying Kites: Visualization of Higher Dimensional Data in two Dimensions	Begam and Das edited book, "Advanced Computing Applications, Databases and Networks" pp. 190-196. (Narosa Publishing House, New Delhi) (2011) (ISBN 978-81-8487-109-8)
9	Saikia H. and Bhattacharjee D.	Estimating the Success Rate of Rural Housing Scheme in South Assam: An Application of Bootstrapping Method	Roy and Mandal edited book, "A tapestry of Research in Economics in Northeast India" pp. 155-165. (Publisher: Assam University, Silchar), 2012 ISBN:978-81-908202-2-6
10	Bhattacharjee D.	Visualizing the Health Infrastructure and Economic Condition of Indian States using Time Series Data	Roy and Mandal edited book, "Segments from Development Discourse in Northeast India" pp. 173-184. (Publisher: Assam University, Silchar), 2012 ISBN:978-81-908202-1-9
11	Kashyap M P and Bhattacharjee D.	An Empirical Study on the District Level Infrastructure in Assam	Roy and Mandal edited book, "Segments from Development Discourse in Northeast India" pp. 149-162. (Publisher: Assam University, Silchar), 2012 ISBN:978-81-908202-1-9
12	Adhikari K and Bhattacharjee D	Market Leader Satisfaction Level Plot: A Visual Display of Quantitative Information	Dey, Goswami and Kumar edited book, "Entrepreneurship and Small Business Management in North East India" pp. 196-205. (Publisher: Global Publishing

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Book
			House), 2012 ISBN:978-93-81563-80-3
13	Bhattacharjee D	A Comparative Study of Graphical Tools for Testing the Goodness of Fit to Poisson Distribution	Dutta Choudhury, Biswas and Saha edited book, "Mathematical Sciences and their Applications" pp. 230-241. (Publisher: Narosa Publishing House), 2013 ISBN:978-81-8487-191-3
14	Kashyap MP and Bhattacharjee D	An Empirical Comparison of the Queue of Customers in Grocery Stores of Rural and Urban Area	Dutta Choudhury, Biswas and Saha edited book, "Mathematical Sciences and their Applications" pp. 271-283. (Publisher: Narosa Publishing House), 2013 ISBN:978-81-8487-191-3
15	Saikia H and Bhattacharjee D	You Play World Cup: We? Indian Premier League	Dutta Choudhury, Biswas and Saha edited book, "Mathematical Sciences and their Applications" pp. 284-299. (Publisher: Narosa Publishing House), 2013 ISBN:978-81-8487-191-3
16	Bhattacharjee D	Moving Bubbles: An Example of Dynamic Visualization	Dey and Nag edited book, "Contemporary trends in Research in Physical Science " pp. 111-116. (Publisher: Department of Physics, G C College), 2012 ISBN:978-81-923616-0-4
17	Chakroborty N and Bhattacharjee D	Digital Divide Measurement: A Review Based Study on analyzing the ICT Penetration in Society	Dey and Nag edited book, "Contemporary trends in Research in Physical Science " pp. 133-141. (Publisher: Department of Physics, G C College), 2012 ISBN:978-81-923616-0-4
18	Paul C, Bhattacharjee D and Singh R	Drawing Dynamic Bands Around a Fitted Line in a Scatter Plot: An Application in Security Analysis	Dey and Nag edited book, "Contemporary trends in Research in Physical Science" pp. 142-152. (Publisher: Department of Physics, G C College), 2012 ISBN:978-81-923616-0-4
19	Saikia H and Bhattacharjee D	Team Selection for Twenty20 World Cup following the Indian	Nayeem, Mukhopadhyay and Rao edited book, "Mathematics and Computing Current Research and Developments" pp. 77-85.

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Book
		Premier League	(Publisher: Narosa Publishing House, New Delhi), 2013 ISBN:978-81-8487-321-4
20	Kashyap MP and Bhattacharjee D	An Empirical Comparison of Brand Switching Behaviour of Rural and Urban Consumer: A Markovian Approach	Proceedings of International Conference on Frontiers in Mathematics 2015 March 26-28, 2015, Gauhati University, Guwahati, Assam, India. pp. 108-112 ISBN: 978-81-928118-9-5

### 3. Research Articles in Journals

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Journal
1.	Bhattacharjee, D.	On Search of a Relation between Earthquake and Weather (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630688">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630688</a> )	<i>Ecobios</i> (ISSN: 0972-6446), Vol.1, No. 1. pp. 16-23. (2002).
2.	Bhattacharjee, D.	Some Issues on Earthquake Trends (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630691">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630691</a> )	<i>Ecobios</i> (ISSN: 0972-6446), Vol.2, No. 1 and 2, pp. 34-37. (2003).
3.	Bhattacharjee, D.	Solving a Problem of Reliability for Fixed Time Using Monte Carlo Technique (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630698">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630698</a> )	<i>Gujrat Statistical Review</i> , Vol. 30. pp. 67-76. (2003).
4.	Bhattacharjee, D. and Das, K. K.	Chi-plot for Studying the Randomness of Residuals from a Fitted Model	<i>Interstat</i> , an internet journal at <a href="http://statjournals.net">http://statjournals.net</a> . (2005) ISSN 1941-689X
5.	Bhattacharjee, D. and Das, K. K.	A Comparative Study of Some Graphic Features of Some Statistical Packages for Social Scientists	<i>Journal of Empirical Research in Social Science</i> , Vol. 1, No. 1, pp. 72-80. (2005)

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Journal
		(Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1622314">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1622314</a> )	ISSN: 0973-2985
6.	Bhattacharjee, D. And Bhattacharjee, B. J.	Impact of Packaging on the Buying Behaviour of Consumers in a Communicationally Remote Urban Area <sup>⊕</sup> (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630695">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630695</a> )	<i>Research Bulletin of the Institute of Cost and Works Accountants of India</i> , Vol. XXVII, pp. 200-204. (2005) ISSN: 0973-2985
7.	Bhattacharjee, D. and Bhattacharjee, B.	A Mathematical Model for Comparing the Facilities Provided in Various Municipal Wards of Karimganj Town (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630863">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630863</a> )	<i>Ecobios</i> (ISSN: 0972-6446), Vol.3, No. 1 and 2, pp. 21-25. (2005)
8.	Bhattacharjee, D. and Das, K. K.	Graphical Techniques for Representing Values in a Two-Way Contingency Table	<i>Contributions to Applied and Mathematical Statistics</i> , Vol. 3, Department of Statistics, Gauhati University, Guwahati, pp. 19 - 36.(2005)
9.	Bhattacharjee, D. and Adhikari, K.	Urbanization Trend in Assam: An Analysis (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1626922">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1626922</a> )	<i>Journal of Empirical Research in Social Science</i> , Vol. 1, No. 2. pp. 34-42, (2006) ISSN: 0973-2985
10.	Bhattacharjee, D.	On Use of Simulation Technique to Augment the Reliability of a System (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630782">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630782</a> )	<i>The Aligarh Journal of Statistics</i> , Vol. 26, pp. 1-7. (2006) (ISSN 0971-0388)
11.	Bhattacharjee, D.	Cosmetics Consumers: Buying Behaviour and Awareness (Also available at: <a href="http://papers.ssrn.com/sol3/p">http://papers.ssrn.com/sol3/p</a> )	<i>Research Bulletin of the Institute of Cost and Works Accountants of India</i> , Vol. XXX. pp. 148-



Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Journal
		<a href="#">apers.cfm?abstract_id=1622119</a> )	153, (2007)
12.	Bhattacharjee, D. and Gupta, R.	A Meta Analytic Model for Comparing the Departments of an Institute	<i>The Icfai University Journal of Computational Mathematics</i> , Vol. 1, No. 2, pp. 46-55, 2008. (ISSN 0974-6544)
13.	Bhattacharjee, D.	Algorithm for Drawing a Jittered Plot with Extensions	<i>Gujrat Statistical Review</i> , Vol. 34–35, pp.3–11, 2007– 2008
14	Deb Roy, T., Bhattacharjee D. and Das K. K.	Comparing the Ability of Microsoft Excel and R in Simulating from Poisson Distribution (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630783">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630783</a> )	Assam University Journal of Science and Technology, Vol. 4, No. II, pp.1–6, 2009. (ISSN 0975-2773)
15	Bhattacharjee, D., and Das, K. K.	On Using Empirical Distribution Function Plot for Checking the Normality Assumptions of a Data Set (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630692">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630692</a> )	Assam Statistical Review, Vol. 22, No. 1, pp. 50–58. 2009
16	Bhattacharjee, D., and Das, K. K.	Population Pyramid: Some Extensions and Enhancements (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630697">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1630697</a> )	Demography India, Vol. 38(1), 2009, pp.161- 170 (ISSN 0970-454X)
17	Bhattacharjee, D., and Das, K. K.	On Choosing Optional Distributions in Case of Poor fit of a Discrete Data to Poisson Distribution especially at the Tails (Also available at: <a href="http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1469413">http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1469413</a> )	<i>The Icfai University Journal of Computational Mathematics</i> , Vol. II, No. 3, pp. 45-51, 2009. (ISSN 0974-6544)
18	Bhattacharjee, D.	Algorithm for Drawing a Mean Box Plot.	<i>Contributions to Applied and Mathematical Statistics</i> , Vol. 4, pp. 65-

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Journal
			70, 2009
19	Das, K. K. and Bhattacharjee D.	On Application of Generalized Poisson and Compound Distribution in Control Chart for Number of Defects per Unit Also available at: <a href="http://www.inflibnet.ac.in/ojs/index.php/AUJSAT/article/viewFile/83/81">http://www.inflibnet.ac.in/ojs/index.php/AUJSAT/article/viewFile/83/81</a>	<i>Assam University Journal of Science and Technology</i> , Vol. 5 (II), pp. 21-28, 2010 (ISSN 0975-2773)
20	Saikia, H., Paul, C. and Bhattacharjee, D.	Comparing Performance of some Brands of Laptop Computers with Special Reference to Booting Time (Also available at: <a href="http://www.inflibnet.ac.in/ojs/index.php/AUJSAT/article/view/85/83">http://www.inflibnet.ac.in/ojs/index.php/AUJSAT/article/view/85/83</a> )	<i>Assam University Journal of Science and Technology</i> , Vol. 5 (II), pp. 38-44, 2010 (ISSN 0975-2773)
21	Singh, R. and Bhattacharjee, D.	Impact of Demographic Variables on Indirect Equity Investment: <i>An Empirical Study</i>	<i>Indira Management Review</i> , Vol. IV (1), pp. 4-11, 2010 (ISSN 0974 3928)
22	Saikia, H. and Bhattacharjee, D.	A Study on Similarity of Websites of Management Institutes Using Data Mining Tools	<i>Prabandhan: Indian Journal of Management</i> , Vol. 3 (5), May 2010 pp. 3-11 (ISSN 0975-2854) (Impact Factor 0.259)
23	Saikia, H. and Bhattacharjee, D.	Data Mining into the Websites of Management Institutes using Binary Representation (Available at: <a href="http://jaqm.ro/issues/volume-5,issue-1/pdfs/saikia_bhattacharjee.pdf">http://jaqm.ro/issues/volume-5,issue-1/pdfs/saikia_bhattacharjee.pdf</a> )	<i>Journal of Applied Quantitative Methods</i> , Vol. 5, (1), 2010, pp. 53-63. (ISSN 1842-4562)
24	Saikia, H. and Bhattacharjee, D.	On the Effect of Home Team Advantage and Winning the Toss in the Outcome of T20 International Cricket Matches (Can be downloaded from:	<i>Assam University Journal of Science and Technology</i> , Vol. 6, No. 2, 2010. pp. 88-93 (ISSN 0975-2773)

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Journal
		<a href="http://www.inflibnet.ac.in/ojs/index.php/AUJSAT/article/view/187/190">http://www.inflibnet.ac.in/ojs/index.php/AUJSAT/article/view/187/190</a>	
25	Bhattacharjee, D.	Book Review: <i>Doing Data Analysis with SPSS version 16</i>	<i>The Strategist: Journal of Business Management</i> , Vol.1, No. 1, 2010 pp. 56-57. (ISSN 0976 0393)
26	Bhattacharjee D, Nath D.C., Das K. K., and Acharjee P. R.	Awareness Level of Married Couples on HIV/ AIDS in Northeast India – An Empirical Analysis (Available at: <a href="http://www.iomcworld.com/ijcrimph/files/v02-n08-02.pdf">www.iomcworld.com/ijcrimph/files/v02-n08-02.pdf</a> )	<i>International Journal of Collaborative Research on Internal Medicine &amp; Public Health</i> (IJCRIMPH), Vol. 2 No. 8 (August 2010), pp. 267-278. (ISSN 18404529)
27	Kashyap M.P., Butt N. S. and Bhattacharjee D	Simulation Study to Compare the Random Data Generation from Bernoulli Distribution in Popular Statistical Packages (Can be downloaded from: <a href="http://www.pjsor.com/index.php/pjsor/article/view/146">www.pjsor.com/index.php/pjsor/article/view/146</a> )	<i>Pakistan Journal of Statistics and Operation Research</i> , Vol.V. No.2 (2009), pp. 99-106 (ISSN 1816-2711)
28	Bhattacharjee D and Bhattacharjee M	Measuring Happiness at Workplace	<i>Pacific Business Review</i> . Vol. 2, No. 4 (2010), pp. 59-65 (ISSN 0974-438X)
29	Mishra RM, Rajeev PV, Bhattacharjee D and Biswas N	Increasing Oil Prices and its Relation with Economic Indicators of India	<i>Prabandhan &amp; Taqniki</i> . Vol. 4, (Oct 2010), pp. 38-46. (ISSN 0974-8563)
30	Kashyap M.P., and Bhattacharjee D	Brand Categorization Process for Staple Goods: Comparison between rural and urban customers (Can be downloaded from: <a href="http://www.ifrnd.org/IMBR/2011/BrandCategorizationProcess_forStapleGoods.pdf">http://www.ifrnd.org/IMBR/2011/BrandCategorizationProcess_forStapleGoods.pdf</a> )	<i>Journal of Information Management and Business Review</i> Vol. 2, No. 4 (2011) pp. 162-172 (ISSN 2220-3796)
31	Bhattacharjee D.	An Application of Markov	<i>Amity International</i>

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Journal
		Model in Consumer Base Analysis	<i>Strategic Management Review</i> (2011), Vol. 4, No. 1, pp. 29-35.
32	Saikia H. and Bhattacharjee D.	Quantifying Basic Health Care Facilities in Assam: Where do the Districts Stand?	<i>Elixir Social Science Journal</i> (2011), Vol. 36 pp. 3476-82. (ISSN 2229-712X)
33	Bhattacharjee A and Bhattacharjee D.	A Bayesian Approach to Compare Statewise Malaria Death Counts in India (Can be downloaded from: <a href="http://www.iapsmgc.org/healthlinevol2issue22011.pdf">http://www.iapsmgc.org/healthlinevol2issue22011.pdf</a> )	<i>Healthline</i> (2011), Vol. 2, No. 2, pp. 54-58. (ISSN 2229-337X)
34	Singh R. and Bhattacharjee D.	Equity Investment Decisions: Are Demographic Variables Really Significant?	<i>Paradigm</i> (2010), Vol. XIV, No.1, pp. 7-11. (ISSN: 09718907)
35	Bhattacharjee A. and Bhattacharjee D.	A Bayesian Approach to Compare the Statewise Dengue Death Counts in India (Available at: <a href="http://iomcworld.com/ijcrimph/ijcrimph-v03-n10-02.htm">http://iomcworld.com/ijcrimph/ijcrimph-v03-n10-02.htm</a> )	<i>International Journal of Collaborative Research on Internal Medicine &amp; Public Health</i> (IJCRIMPH), Vol. 3 No. 10 (October 2011), pp. 715-723. (ISSN 18404529) (Impact Factor: 0.796)
36	Bhattacharjee D. and Saikia H.	Marketing Educational Institutes in the Net: Data Mining into Websites of North Eastern Universities	<i>International Journal of Management Sciences</i> . Vol. 6 No. 2, Dec. 2010. pp. 39-49 (ISSN 0973-2101)
37	Saikia H. and Bhattacharjee D.	On Classification of All-rounders of the Indian Premier League (IPL): A Bayesian Approach	<i>Vikalpa: The Journal of Decision Makers</i> . Vol. 36, No. 4, Oct-Dec. 2011. pp. 51-66 Impact factor: 0.91 (ISSN 0256-0909)
38	Bhattacharjee D. and Adhikari K.	Deprivation of Household amenities of Assam- where do the districts stand?	<i>Banijya</i> . Vol. 4, No. 1, July 2011. pp. 10-20. (ISSN 0975-010)
39	Bhattacharjee A.	A Bayesian approach in	<i>Healthline</i> (2012), Vol. 3,

Sl. No.	Author(s)'s Name	Title of the Paper	Complete Reference of the Journal
	and Bhattacharjee D.	agreement analysis: An application in Artemisin Combination Therapies (ACTs) for malaria patients	No. 1, pp. 36-40. (ISSN 2229-337X)
40	Saikia H., Bhattacharjee D. and Bhattacharjee A.	<u>Is IPL Responsible for Cricketers' Performance in Twenty20 World Cup?</u> (Available at: <a href="http://www.worldacademicunion.com/journal/SSCI/SSCIvol06no02paper04.pdf">http://www.worldacademicunion.com/journal/SSCI/SSCIvol06no02paper04.pdf</a> )	<i>International Journal of Sports Science and Engineering</i> Vol. 6 No. 2, June 2012. pp. 96-110 (ISSN 1750-9823)
41	Saikia H., Bhattacharjee D. and Lemmer. HH	Predicting the Performance of Bowlers in IPL: An Application of Artificial Neural Network	<i>International Journal of Performance Analysis in Sport</i> , 2012 Vol. 12, No.1, pp. 75-89. ISSN: 1474-8185
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47	Saikia H., Bhattacharjee D. and Lemmer. HH	A Double Weighted Tool to Measure the Fielding Performance in Cricket	<i>International Journal of Sports Science &amp; Coaching</i> Vol. 7, No. 4, pp. 699-713. 2012 ISSN:1747-9541 (Impact Factor 1.1)
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#### 4. Books

Sl. No.	Author(s)'s Name	Title of the Book	Publisher and Year of Publication
1	Adhikari, K. and Bhattacharjee, D.	Statistics- Theory and Applications	B. R. Paul, (2003)
2	Bhattacharjee, D. and Adhikari, K.	Business Statistics	Kalyani Publishers, Ludhiana, India, (2005). ISBN: 81-272-1994-0
3	Bhattacharjee, D. and Adhikari, K.	First Step to Statistics	Kalyani Publishers, Ludhiana, India, (2005). ISBN: 81-272-2360-3
4	Bhattacharjee, D. and Adhikari, K.	Fast Track to Statistics	Kalyani Publishers, Ludhiana, India, (2006) ISBN: 81-272-2750-1 (Second Edition released in 2009)
5	Bhattacharjee, D. and Bhattacharjee, D.	B.Sc Statistics: Theory and Practicals Vol. I	Kalyani Publishers, Ludhiana, India, (2006) ISBN: 81-272-2932-6 (Enlarged and Revised second edition released in 2010)
6	Bhattacharjee, D. and Bhattacharjee, D.	B.Sc Statistics: Theory and Practicals Vol. II	Kalyani Publishers, Ludhiana, India, (2006) ISBN: 81-272-3144-4 (Enlarged and Revised second edition released in 2010)

Sl. No.	Author(s)'s Name	Title of the Book	Publisher and Year of Publication
7	Bhattacharjee, D. and Das, K. K.	Statistical Graphics for Everyone	South Asian Publishers Pvt. Ltd., New Delhi 14, India, (2007) ISBN: 81-7003-315-2
8.	Das, K. K. and Bhattacharjee, D.	Handbook of Statistical Graphics	New Age International Publishers, New Delhi, India. (2008) ISBN: 978-81-224-1227-9
9.	Bhattacharjee, D. and Das, K. K.	101 Graphical Techniques	Asian Books, New Delhi, India. (2008) ISBN: 81-8412-048-6
10.	Das, K.K. and Bhattacharjee, D.	A Treatise on Statistical Inference and Distributions	Asian Books, New Delhi, India (2008). ISBN: 81-8412-082-6
11.	Das, K.K. and Bhattacharjee, D.	An Introduction to Probability Theory	Asian Books, New Delhi, India (2010).ISBN: 978818412141-4
12.	Bhattacharjee, D. and Adhikari, K.	Business Mathematics and Statistics	Kalyani Publishers, Ludhiana, India, (2009). ISBN: 978-81-272-5244-1
13.	Bhattacharjee, D.	Practical Statistics using Microsoft Excel	Asian Books, New Delhi, India (2010) ISBN: 9788184121186
14.	Das, K. K. and Bhattacharjee, D.	Statistics for Business and Marketing Research	PHI Learning, India. (2010) ISBN: 978-81-203-4076-3
15	Bhattacharjee, D. and Adhikari, K.	Statistics for Commerce and Management	Kalyani Publishers, Ludhiana, India, (2014). ISBN: 978-93-272-4238-6
16	Saikia, H., Bhattacharjee, D. and Mukherjee D.	Cricket Performance Management Mathematical Formulation and Analysis	Springer Nature, Singapore (2019) ISBN: 978-981-15-1353-4 ISBN: 978-981-15-1354-1 (online)

Patents (if any): **NIL**

Patent Details	Awarding	Year	Remark (if any)
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	<b>Agency</b>		

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

<b>Sl. No.</b>	<b>Name of the candidate</b>	<b>Thesis Title</b>	<b>Type</b>	<b>Year</b>
1	Dr. Chayan Paul	Data visualization some issues, perspectives and impediments	Ph. D	Awarded on 21.04.2014
2	Dr. Manash Pratim Kashyap	Application of statistical models for comparing some aspects of consumer behaviour of rural and urban population	Ph. D	Awarded on 28.10.2014
3	Dr. Hemanta Saikia	Application of Bayesian Data Analysis and Neural Network for Evaluating Cricketers' Performance and Compensation Packages in Twenty-20 Cricket	Ph. D	Awarded on 6.5.2013
4	Dr. Nilanjana Deb	A Study on Digital divide and it's measure: Issues, models and perspectives	Ph. D	Awarded on 25.2.2016
5	Mr. Santanu Choudhury	Some issues on attitude measurement using Likert scale	Ph. D	On Going (Started: 2016)
6	Dr. Himadri Barman	Effectiveness of Enterprise Resource Planning on Enterprise Productivity - A Study on the Refineries of Assam	Ph. D	Awarded on 23.2.2017
7	Mr. Debtosh Chakraborty	A Stochastic Approach in Inventory Management of Sualkuchi Silk Industry, Assam	Ph. D	Awarded in 2021
8	Dr. Deepjyoti Choudhury	Attitude of Salaried Employees Towards Some Selected E-Banking Delivery Channels in Barak Valley	Ph. D	Awarded in 2017