CURRICULUM VITAE

SULAXANA BHARALI

Assistant Professor
Department of Statistics and Mathematics
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Academic Qualification:

Sl. no.	Examination	Year	Name of institutions
5	Ph. D	Awarded on 01/03/2022	Dibrugarh University *Topic: An Econometric Study on Regression Models with Stochastic Regressors*
4	M.Sc. (Statistics)	2014	Dibrugarh University *(STATISTICS: Econometrics & Biostatistics specialized)*
3	B.Sc.	2012	J.B. College, Jorhat
2	HS (Arts)	2009	J.B. College, Jorhat
1	HSLC	2007	Don Bosco High School, Lichubari

Professional Qualification:

Sl. no.	Degree	Year	Board/ University	Subject
2	Diploma in Fine Arts and Craft	2018	Chitralekha Fine Art and Craft Academy under Sattriya Academy, Jorhat, Assam	Fine Arts
1	Post Graduate Certificate in Computer Application (PGCCA)	2015	Manipal Institute of Computer Education (MICE)	Basics of Computer

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Awards & Achievements:

5 2018 - 2021   UGC-BSR Fellowships in Sciences (SRF)

4 2016- 2018   UGC-BSR Fellowships in Sciences (JRF)

3 2014   Secured First Class Third position in M.Sc. examination (Statistics), DU

2 2012- 2014   UGC- Post Graduate Indira Gandhi Scholarship for Single Girl Child.

1 2012   Secured First Class Tenth position in B.Sc. examination (Statistics Major), conducted by Dibrugarh University

Research Publication:

5 2022 **"Stochastic Regression Model with Marginal Extreme Value Distribution and Conditional Normal Distribution".** Journal of Scientific Research. Vol.66, No. 3, ISSN: 0447-9483 (with J.Hazarika) UGC Care List

4 2020 **"Projections for COVID-19 pandemic in India and effect of temperature and humidity".** Diabetes & Metabolic Syndrome: Clinical Research & Reviews. Vol.14, pp.801-805, ISSN: 1871- 4021, (with K.Goswami, J. Hazarika) Scopus No.- 10347

3 2020 **"Prediction of Monthly Mean Temperature by SARIMA Model".** International Journal of Advanced Science and Technology, Vol. 29, No. 5, pp. 3937 – 3949, ISSN: 2005-4238 (with J. Hazarika, K.Goswami, S. L. Borah and A. N. Patowary) Scopus No.- 17613

2 2019 "**Regression Models with Stochastic Regressors: An Expository note**" International Journal of Agricultural and Statistical Sciences, Vol.15, No.2, pp.873-880, ISSN: 0973-1903 (with J. Hazarika) UGC No.- 16341, NAAS - 5.13, Scopus No.- 17637

1 2016 "**Decision Making in Optimizing a Product of a Small Scale Industry: A Bayesian Analysis Approach**", International Journal of Advanced Engineering, Management and Science (IJAEMS), Vol.2, Issue.11, Nov-2016, pp.1866-69, ISSN:2454-1311.(with A.N Patowary, J. Hazarika)

Book Chapter Published:

3 2022 **"Regression Analysis in Machine Learning: An Overview"**, "Exploring Conventions of Statistical Discourse", 2022, pp.67-76, ISBN: 978-93-90692-62-0 by Department of Statistics, Gargoan College (with J.Hazarika)

2 2021   "**Modified Maximum Likelihood Estimators for Stochastic Explanatory Variable**", Statistical Research, 2021, pp. 241-249, ISBN 978-81-951950-0-8 by Department of Statistics, Dibrugarh University (with J.Hazarika)

1 2020   **"Extreme Value Theory and Modified Maximum Likelihood Estimation Technique: A Note",** Demystifying Research in Applied Statistics, 2020, pp.227-235, ISBN: 978-81-929186-8-6 by Department of Statistics, Dibrugarh University (with J.Hazarika)

International Conferences:

6 2023   **"Regression Model when both explained and explanatory variable follow Non-Normal Distribution"** was presented at 1st International Conference on Advances in Science at Gargaon College [5th - 6th May, 2023; Gargaon College]

5 2021   **"A Case of Non-normal Distribution in both Explained and Explanatory Variable"** was presented at International Conference (virtual mode) on Emerging Trends in statistics and Data science in conjunction with 40th Annual Convention of Indian Society for Probability & Statistics (ISPS) [Sept 07-10th, 2021]

4 2020   "**Modified Maximum Likelihood Estimators for Stochastic Explanatory Variable**" was presented at International Conference on "Recent Trends in Theoretical and Applied Statistics (online mode)" at Dibrugarh University [Sept 18-20, 2020; Deptt. of Statistics, Dibrugarh University]

3 2019   **"A Regression Model with Non-normal Explanatory Variable"** was presented at International Conference on Recent Advances in Statistics and Data Science for Sustainable Development at Utkal University, Bhubaneswar, Odisha [Dec 21-23, 2019; P.G. Department of Statistics, Utkal University].

2 2019   "**Use of Non-parametric approaches in detection of trend in hydroclimatic data**" was presented at the International Conference on Applied Probability and Statistics (CAPS2019) at Vietnam Institute for Advanced Study in Mathematics [April 02-07, 2019; VIASM, Hanoi, Vietnam].

1 2019   "**Hydroclimatic Study with the Aid of Non-parametric Method**" was presented at International Multidisciplinary Research Conference on Biodiversity, Climate Change, Physical and Life Sciences at DHSK College [Jan 21-22, 2019; DHSK College, Dibrugarh, Assam]

National Seminars/ Conferences:

6 2019 "**An overview on Stochastic Explanatory Variables**" was presented at National Seminar on "Recent Trends in Theoretical and Applied Statistics-IV" at Dibrugarh University [March 15-16, 2019; Deptt. of Statistics, Dibrugarh University]

5 2017 "**Regression Models with Stochastic Regressors: An Expository Note**" was presented at National Conference on Advanced Developments in Theoretical and Applied Statistics at Banaras Hindu University [Nov 13-15, 2017; Deptt. of Statistics, BHU].

4 2017 "**Forecasting Monthly Temperature of Dibrugarh, Assam (India): A time domain Approach**" was presented at UGC sponsored National Seminar on "Recent Trends in Theoretical and Applied Statistics-II" at Dibrugarh University [March 24-25, 2017; Dept. of Statistics, Dibrugarh University].

3 2017 "**Bayesian Analysis in Decision Making: A Case study**" was presented at National Seminar on Science and Technology for Human welfare at 62nd Annual Technical Session of Assam Science Society [Feb 27, 2017; IASST, Guwahati].

2 2016 "**Decision Making in Optimizing a Product of a Small Scale Industry: A Bayesian Analysis**" was presented at UGC sponsored National Seminar on "Recent Trends in Theoretical and Applied Statistics-I" at Dibrugarh University [March 11-12, 2016; Dept. of Statistics, Dibrugarh University].

1 2014 "**Use of Probability Models in DNA Sequence Analysis**" was presented at UGC sponsored National Seminar on Recent Developments in Statistics and its Applications in Allied Disciplines at Dibrugarh University [March 21-22, 2014; Dept. of Statistics, Dibrugarh University].

Workshop/ Short Term Training Programme:

15 2023 "**Workshop on Implementation of Four Year Undergraduate Program in Colleges under Dibrugarh University**" organized by Dibrugarh University in association with CKB Commerce College, Jorhat [9th June, 2023; CKB Commerce College, Jorhat]

14 2022 "**One Week National Workshop on Statistical Analysis Using SPSS**" organized by Department of Statistics, Dibrugarh University, Dibrugarh, Assam [March 21st – 25th, 2022]

13 2020 **"One Week Online Workshop on Statistical Inference"** organized by Department of Statistics, Dibrugarh University, Dibrugarh, Assam [August 24th -28th, 2020 through online mode]

12 2020 **"LaTex: Aesthetic of Scientific Documentation"** organized by Department of Mathematics and Computer Science, Bahona College, Jorhat, Assam in Collaboration with Assam Science Society, Bahona Branch, Jorhat, Assam [August 7th - 13th, 2020 through online mode]

11 2020 **"Data Analysis with SPSS"** organized by Department of Geography, Bodoland University, Kokrajhar, Assam [July 4th-10th, 2020 through online mode]

10 2019 *"*Quantitative Techniques and Use of Statistical Software in Research (QTSSR)* at Department of Statistics, Dibrugarh University [Dec 3rd – 7th, 2019; Department of Statistics, Dibrugarh University]

9 2019 One Day Seminar on **"Draft New Education Policy 2019"** at Dibrugarh University [Oct 26th, 2019; IQAC and Office of the Registrar, Dibrugarh University]

8 2019 Workshop on **"Data Analysis with R"** at CCSA, Dibrugarh University [Oct 24th – 25th, 2019; Anazori, CCSA, Dibrugarh University]

7 2019 **One week Short term Course on "Linear Algebra and its Applications in Engineering Sciences"** at DUIET, Dibrugarh University [Aug 12th – 16th, 2019; TEQIP-III Project, DUIET, Dibrugarh University]

6 2019 **One week Short term Training Programme on "Advanced Experimental Techniques"** at DUIET, Dibrugarh University [May 28th – June 1st, 2019; TEQIP-III Project, DUIET, Dibrugarh University]

5 2016 **National Workshop on Research Paper and Project Proposal Writing** at Dibrugarh University [Oct 24th -25th, 2016; Dibrugarh University Research Scholars' Association].

4 2016 **First Workshop on Computing: Theory and applications** at ISI N-E Centre at Tezpur [March 14th -18th, 2016; CCSD, ISI].

3 2014 **N-E Workshop on Probability** at Tezpur University [Jan 02-10, 2014; SMU, ISI, Kolkata].

2 2013 **Data Dissemination Workshop on Houses, Household amenities and Assets , Census Info & Primary census abstract, Census of India 2011** at Dibrugarh University [Sept 29th, 2013; Directorate of Census Operations, Assam].

1   2010   **N-E Region Workshop on Probability & Statistical Methods** at DR College, Golaghat, Assam [Oct 25-29, 2010; BIRU, ISI, Kolkata].

As Resource Person:

1   2023   Acted as **Resource Person** in the **"One Week National Workshop on Use of SPSS in Research"** organized by Department of Statistics, Dibrugarh University. [20nd-26th Feb, 2023]

Academic Projects:

3   2022   "**An Econometric Study on Regression Models with Stochastic Regressors**" a thesis submitted to the Department of Statistics, Dibrugarh University for the requirement of the degree of Doctor of Philosophy (Ph.D) in Statistics.

2   2014   "**Bayesian Analysis in Decision Making: A Case Study**" a dissertation submitted to the Department of Statistics, Dibrugarh University for partial fulfillment of the requirement of the degree of M.Sc. in Statistics

1   2012   "**A Study on Mortality Pattern of Murmuria Tea Estate, Jorhat, Assam**" a dissertation submitted to the Department of Statistics, J.B. College for partial fulfillment of the requirement for the Degree of B.Sc. in Statistics

Membership:

2   Dibrugarh University Alumni Association- Life Membership

1   Institute of Mathematical Statistics-IMS Student Membership
Member Id: 1320368   Valid Upto: 12/31/2022

Work experience:

Sl. No.	Name of the Employer	Period of Service From	To	Post Held	Nature of Work
7	CKB Commerce College, Jorhat	June, 2023	till date	Assistant Professor	To teach Statistics in HS, UG and PG Course
6	CKB Commerce College, Jorhat	Oct, 2022	May, 2023	Part-time tutor (Sanctioned Post)	To teach Statistics in HS, UG and PG Course
5	Centre for Women's Studies, Dibrugarh University	Sept, 2021	Sept, 2022	Data Analyst	To analyze data of the project funded by NCW

4	Department of Physics, Dibrugarh University	July, 2020	Augt, 2021	Part-time Teacher	To Teach Statistics in IMSc in Physics
3	Dibrugarh University Open and Distance Learning (DODL).	2017	2022	Counselor	To teach Statistics in M.A Course of Education and Economics
2	Jorhat College(Amalgamated), Jorhat	June,2015	May,2016	Assistant Professor (Non-Sanctioned Post)	To teach Statistics in HS and UG course
1	Asom Sarba Siksha Abhiyan, Govt. of Assam	Nov, 2014	Dec, 2014	Enumerator	Data Collection of the project funded by SSA, Assam

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