

Nijara Rajbongshi

MSc, PhD (Statistics)

GAUHATI UNIVERSITY, GUWAHATI, ASSAM, INDIA

Ph: 9395368253, 9435396488

Email: sta.nijara@bhattadevuniversity.ac.in

Personal Information:

Date Of Birth:	01-06-1987
Sex:	Female
Nationality	Indian
Educational Status:	M.Sc., PhD (Statistics)
Languages Known	English, Assamese and Hindi
Marital status	Married
Permanent Address	C/o Simanta Kr. Deka, Musti Bhikhya Path, Tamuli Chupa, Sarthebari , Barpeta, 781307
Correspondence Address	Same as Above

Educational Qualification:

Exam Passed	School/College/ University	Board/Unive rsity	Year of passing	Marks/Grade point	Subjects
H.S.L.C	Diphu Govt. Girls High School	S.E.B.A	2003	73%	English ,Assamese, Math, Science, Social Studies, Adv. Math
H.S.	Cotton College	A.H.S.E.C	2005	66.2%	English, Assamese, Math, Economics, Statistics, Logic &Philosophy
B.Sc.	Cotton College	Gauhati University	2008	64.7% (1st class 10th)	Statistics(H),Economics, Math(Pass course)
M.Sc.	Gauhati University	Gauhati University	2010	71%(CGPA 7.6, 1st class 5th)	Statistics (Sp. Paper: Actuarial Statistics)
Pre-PhD Course Work	Gauhati University	Gauhati University	2011	7	Statistics

Research Experience

Worked as Junior Research fellow in the CCNS division of Institute of Advanced Study in Science and Technology, Boragaon, Guwahati Assam from 02.02.2011 to 03.09.2014

Working Experience

1. Research Assistant in the ICSSR sponsored project entitled “Assess the Health Status of Slum Dwellers with respect to Utilisation of Health Services and Socio-Demographic Impact of the Same” from 11.10.2014 to 31.12.2015
2. Statistician in ICMR Project “Hospital Based Cancer Registry” at Dr B. Borooah Cancer Institute from 25.05.2016 to 15.12.2016
3. Assistant Accounts officer & Deputy Accounts officer at Assam Power Distribution Company limited from 19.12.2016 to 14.12.2020.
4. Assistant Professor, Department of Statistics, Dudhnoi College, Goalpara from 17th of December, 2020 to 06.02.2023

Current Designation

Working as Assistant Professor, Department of Statistics, Bhattadev University since 7th of February, 2023

Training & courses:

1. Completed 3 Months training on “Epidemiology, Cancer Registry and Bio-Statistics” at Dr. B. Borooah Cancer Research Institute.
2. Completed 10 days training programme on Computer and Statistical Methods in Social Science sponsored by Indian Council of Social Science Research, New Delhi, April 18-27, 2013
3. Completed a national-level online training on NSS 75th Round (Health Data): Hands-on practice with STATA software on 29-30 December 2022" conducted by **VART Consulting Pvt. Ltd. Mumbai.**

Workshop attended

1. Attended the workshop on “**Statistical Data Analysis Using SPSS**”, February 15 to February 18, 2011 at department of Statistics, Gauhati University jointly organized by Computer & Statistical Service Centre, ISI Kolkata and Department of Statistics, Gauhati University
2. Attended the Summer School on “**Statistical Theory and Applications** ”, during March 24-28, 2014 organized by Bayesian and Interdisciplinary Research Unit, ISI Kolkata
3. Attended the National Workshop on **Medical Image Processing** during February 19-20, 2016 organized by Institute of Advanced Study in Science and Technology, Guwahati.

4. Attended the 7 Day Online Workshop on “R” for Data Science organized by Department of Statistics, S.S. College, Hailakandi in collaboration with Department of Statistics, Assam University
5. Attended the One week Online National Workshop on “Statistical Data Analysis using SPSS” held during 25th-31st May, 2023 organised by Department of Statistics, Dibrugarh University.

Membership

Student Memberships taken at International Bio-Metric Society

List of Publications (Journal Articles)

1. **Rajbongshi N.**, Mahanta LB., Nath DC (2018). Estimating Risk of Breast Cancer Occurrences at Different Ages: Application of Survival Techniques. Asian Pac J Cancer Prev, 9 (11), 3033-3038.
2. **Rajbongshi N**, Bora K, Nath DC, Das AK, Mahanta LB (2018). Analysis of morphological features of benign and malignant breast cell extracted from FNAC microscopic image using the pearsonian system of curves. J Cytol; 35:99-104.
3. **Rajbongshi N.**, Nath DC. and Mahanta LB. (2016). Exploring age distribution pattern of female breast cancer patients in Assam, India using gamma probability distribution model. J. Applied Sci., 16: 496-503.
4. Bora K., **Rajbongshi N**, Mahanta LB., Sharma P., Dutta D. (2016). Assessing the Awareness level of Breast and Cervical Cancer: A Cross Sectional Study in North East India. International Journal of Medical Science and Public Health. 5(10).
5. **Rajbongshi N.**, Mahanta LB., Nath DC. (2015). Evaluation of female breast cancer risk among the betel quid chewer: A bio-statistical assessment in Assam, India. Nepal J Epidemiol.5 (2):494-498.
6. **Rajbongshi N**, Mahanta LB, Nath DC, Sarma JD (2015). A matched case control study of risk indicators of breast cancer in Assam, India. Mymensingh Med J. 24(2):385-391.
7. Mahanta, LB, Nath, DC., and **Rajbongshi, N.** (2012). On the Study of Risk Factors of Ca. Cervix and Ca. Breast: a Case Study in Assam. Bonfring International Journal of Data Mining.2 (2)

List of Publications (Book Chapters)

- **Rajbongshi N.**, Nath DC. and Mahanta LB. (2020). Prediction of significant nuclear morphometric features in a cytological image of benign and malignant breast lesions using

SVM classifier. 1st edition DELTA; Purbayon Publication; ISBN Number: 978-93-89940-81-7.

List of paper presentation in the Conference/Seminar

1. Presented a paper entitled “*A statistical approach on the characterisation of the shape features of benign and malignant breast cells in FNAC image*” in the National Seminar on *Recent Trends in Theoretical and Applied statistics-I* during March 11-12, 2016 in the department of Statistics, Dibrugarh University.
2. Presented a paper entitled “*Statistical analysis of shape features of benign and malignant Breast cell using FNAC microscopic image*” at *National Meet of Research Scholars in Mathematical Sciences sponsored by SERB, DST*, Govt. Of India during November 24-28, 2015.
3. Presented a paper entitled “*Evaluation of female breast cancer risk among the betel quid chewer: A bio-statistical assessment in Assam, India*” in the *International Conference on Disease Biology and Therapeutics* organized by *IASST* during December 3-5, 2014.
4. Presented a paper entitled “*Association of Socio economic and Female Reproductive factors with Breast Cancer: A Matched Case Control Study in Assam*” at *North East Indian Universities Research Scholars Conference on Statistics* during February 25-26, 2014.
5. Presented a paper entitled “*On the study of Risk factors of Ca. Cervix and Ca.Breast –A case study in Assam*” jointly with Dr. Lipi B. Mahanta and Prof. Dilip C. Nath in the *XI Biennial conference of the International Biometric Society (Indian Region) on Computational Statistics and Bio-Sciences* March 8-9, 2012, organized by Department of Statistics, Pondicherry University, Puducherry.
6. Presented a paper “*Statistical analysis on the risk factors of Breast Cancer based on the data collected from Dr. B. Borooh Cancer Research Institute, Guwahati*” jointly entitled with Dr. Lipi B. Mahanta and Prof. Dilip C. Nath in the *30th National conference of Indian Society for Medical Statistics* during 6-8 October, 2012 organized by department of Community Medicine, Dayanand Medical college and hospital, Ludhiana, Punjab.
7. Presented a paper entitled “*Exploring the Changes and Factors Influencing GER of Higher Education on the Prospect of National Education Policy 2020*” in the national conference on *Challenges in Achieving 50 % GER in NE States By 2035 in Tertiary Education* organized by IQAC, Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Tulungia, Bongaigaon-783383 and sponsored by ICSSR.

Engagements with the Dudhnoi College (other than Academics)

1. Worked as Assistant Zonal Officer at T.D.C. Semester III exam /2021 (CBCS & NON-CBCS) Dudhnoi College Zone 2021 (Zone-A/03).
2. Worked as AOC in the HS 1st Year Examination Committee, Dudhnoi College for the academic year 2021-2022
3. Presiding Officer, General Election, 2021
4. Executive Member (Auditor), Dudhnoi College Teachers Association , Dudhnoi , Goalpara
5. Auditor, EWS Society, DCTA, Dudhnoi.
6. Secretary, Assam Science Society, Dudhnoi College Branch, Goalpara
7. Member, IQAC, Dudhnoi College, Goalpara
8. Member, Editorial Board, Souvenir Sub-Committee, Dudhnoi College Golden Jubilee Celebration.
9. Member, Institutional Innovation Council, Dudhnoi College.
10. Member, SSR, Sub-Committee Criterion II "Teaching-Learning and Evaluation" Dudhnoi College.

Others

1. Completed **Online Faculty Induction Programme** held from **17 July 2021 to 24 August 2021**. Conducted by UGC Human Resource Development Centre, Aligarh Muslim University.
2. Completed **Online Faculty Development Programme on "Academic Writing and Publication"** held from **01-07 November, 2022** organised by Teaching and Learning Centre (TLC), Tezpur University, Assam
3. Completed **Online Faculty Development Programme on "Implementation of NEP 2020 in Higher Education Institutions"** held during **26th of April-02nd May, 2023** organised by Teaching and Learning Centre (TLC), Tezpur University, Assam

Declaration:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date: 09.09.2024

Place: Pathsala

Nijara Rajbongshi

Nijara Rajbongshi