

## Curriculum Vitae

<b>Name</b>	Dr Sangeeta Kalita					
<b>Designation</b>	Assistant Professor (Grade-II)					
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<b>Address for correspondence</b>	Department of Statistics Cotton University, Panbazar Guwahati- 781001, Assam					
<b>Permanent Address</b>	A-502, Gokul Homes, Barsapara Guwahati-781 018, Assam.					
<b>Educational Qualification</b>	<ol style="list-style-type: none"><li>1. Ph.D in Statistics from Gauhati University in 2005</li><li>2. M.Sc. in Statistics from Delhi University in 1996.</li><li>3. B.Sc. in Statistics from Cotton College in 1993.</li></ol>					
<b>Career Profile/Services</b>	<ol style="list-style-type: none"><li>1. JRF at IASST (1996-2000)</li><li>2. Assistant Professor, THB College ( 2002-2015)</li><li>3. Assistant Professor, Cotton University (2015-till date)</li></ol>					
<b>Research Interests</b>	Stochastic process/Queueing Theory. Demography/ Bio-Statistics.					
<b>Educational Qualification</b>	Ph.D in Statistics from Gauhati University in 2005 M.Sc. in Statistics from Delhi University in 1996. B.Sc. in Statistics from Cotton College in 1993.					
<b>Career Profile/Services</b>	JRF at IASST (1996-2000) Assistant Professor, THB College ( 2002-2015) Assistant Professor, Cotton University (2015-till date)					
<b>Research Projects</b>						
Sl. No	Role	Title	Period	Sponsoring Agency	Amount	Status
1	Principal Investigator	Batch Arrival Queueing Models with Vacations: An Analytical Study	2005-2007	UGC	60,000.00	Completed

2	Co-Principal Investigator	Studies on Some Retrial Queueing Models with Two Phases of Service	2006-2009	DST	7,90,000.00	Completed
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### Professional Development Programme

1. Refresher course in Statistics at Academic Staff College, Gauhati University, during 2<sup>nd</sup> Dec to 22<sup>nd</sup> Dec 2003.
2. UGC- Sponsored Orientation Programme at Academic Staff College, Himachal Pradesh University, Shimla during 28th Feb to 27th March, 2006.
3. Multi disciplinary Refresher course in “Environmental Studies and Geography” at Academic Staff College, Gauhati University, during 23<sup>rd</sup> Jan to 12<sup>th</sup> Feb 2012.
4. Inter disciplinary Refresher course in “Disaster and their Management” at Academic Staff College, Gauhati University, during 28<sup>th</sup> Jan to 17<sup>th</sup> Feb 2013.
5. Refresher Course in Statistics during 15<sup>th</sup> February, 2021 to 27<sup>th</sup> February, 2021 organized by UGC-HRDC, NEHU.
6. Faculty Induction Programme (FIP) from 30<sup>th</sup> May, 2022 to 28<sup>th</sup> June, 2022 organized by UGC-HRDC, NEHU.
7. FDP on “E-learning Platform” organized by E&ICT Academy, IIT, Guwahati in association with IQAC, Arya Vidyapeeth College, Guwahati during 31<sup>st</sup> August, 2020 to 7<sup>th</sup> September, 2020.
8. Workshop on “Statistical data analysis using R and SPSS” organized by department of Statistics, Arya Vidyapeeth College, Guwahati during 14-15 February, 2020

### Research paper publications

#### 2023

1. P. Saharia and S. Kalita, **Different Occupational Mortality Risks of Assam Government Employees after Retirement**, Administrative Development: A journal of HIPA, Volume , Year 2023, vol. Vol X, No. 1, 2319-2976, 2023.

#### 2021

2. M. Deka and S. kalita, **Determinants of growth in Assam, India: A Statistical Perspectives**, International journal of Agricultural Statistical Sciences, vol. Vol 17, 279-284, 0973-1903, 2021

#### 2014

3. M. Deka and S. kalita, **Model of Age Onset Distributions for the Study of Chronic Diseases in Assam, India**, International Journal of Statistics and Analysis, vol. Vol 4, 7 - 10, No. 1, 2014

4. M. Deka and S. kalita, **A Statistical Study on Awareness and Attitude of Students of Assam, India towards HIV/AIDS**, Research on Humanities and Social Sciences, vol. Vol.4, 72-82, No. 16, 2014

#### 2009

5. G. Choudhury and S. kalita, **A Two Phase Queueing System With Repeated Attempts and Bernoulli Vacation Schedule**, International Journal of Operational Research, vol. Vol. 5, 392 - 407, 2009 <http://dx.doi.org/10.1504/IJOR.2009.0257>

#### 2005

6. G. Choudhury and S. kalita, **On a batch arrival Poisson queue under threshold policy and a grand vacation**, International Journal of Information and Management Sciences, vol. Vol. 17, 29 - 43, No. 3, 2005.

#### 2003

7. G. Choudhury and S. kalita, **Analysis of the M/M/1 queueing system with an exponential set up time under N-policy with finite capacity**, IAPQR Transactions, vol. Vol-28, 43 - 53, No. 1, 2003.

#### 2002

8. G. Choudhury and S. kalita, **Analysis of a batch arrival Poisson queue under single vacation policy**, Calcutta Statistical Association Bulletin, vol. Vol 53, 81-91, No. 209, 2002 <http://dx.doi.org/10.1177/0008068320020106>.
9. G. Choudhury and S. kalita, **Some aspects of a batch arrival Poisson queue with N-policy**, Stochastic Modelling and Applications, vol. Vol 5, 21 - 32, No. 2, 2002.

#### 2001

10. G. Choudhury and S. kalita, **Some results of bulk service queue with finite waiting space**, Stochastic Modelling and Application, Volume , Year 2001, Pages , vol. Vol. 4, 44 - 55 , No. 2, 2001

#### 1999

11. G. Choudhury and S. kalita, **Some aspects of N-policy queueing system of type MX/G/1 with generalized vacation**, Far East Journal of Theoretical Statistics, vol. Vol 3, 9-17 , No. 1, 1999.

### Conference Proceedings

12. M. Deka and S. kalita, **Study on Prevalence of disability in Assam in the context of Census 2011: A Statistical Approach**, Co-production of Science and Social Order, 199-209, 978-81-924066-7-1, 2018.

### Book Chapter

- P. Saharia and S. Kalita, **Estimate Gain in Life Expectancy after Partial and Complete Elimination of some major causes of death in Assam during 2010-2020**, Health and Demography in North East India: A regional Perspective, 169-183, 978-81-924066-7-1, 2023.

## **Research Guidance**

Total Number of PhD Scholars being supervised: 02 (Ongoing)

## **Membership of Professional Bodies**

1. Member of Board of Studies (BoS), Department of Statistics, Arya Vidyapeeth College (Autonomous), Guwahati for a period of three years with effect from April, 2023
2. Member of Technical Committee for formulation of WPI (nonagricultural commodities) for Assam Directorate of Economics and Statistics, Assam since July 2022.

## **Invited Lecture/ Talk/ Resource person**

Participated as a Resource person in the five-day National level workshop on “Bioinformatics as a tool in Biomedical research” during 4<sup>th</sup> May – 8<sup>th</sup> May, 2019, organized by the department of Biotechnology, Bodoland University, Kokrajhar.

## **Other Academic Activities**

Worked as a Mentor for the NPTEL Online Certificate Course on “Regression Analysis” for the session July-December, 2021.

(Dr Sangeeta Kalita)

\*\*\*As updated till 16/08/2024\*\*\*