

CURRICULAM VITAE

Name : KUKI KALPITA MAHANTA

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Father's Name : Late Protap Mahanta

Mother's Name : Mrs. Usha Mahanta



Permanent Address : Dergaon Town, Ward No. 2, Near A.S.T.C Bus Stand

P.O: Dergaon, Dist: Golaghat, Assam, Pin:785614

Date of Birth : 20-05-1991

Gender : Female

Cast : General

Religion : Hinduism

Nationality : Indian

Objective:

Seeking a career to share my knowledge and experience with students for their better development and gain more experience into the education and teaching field.

Educational Qualification:

Examination Passed	Year of Passing	Institution	Subject	Board/ University	Marks (%)	Division /Class	Remark
HSLC	2007	Dergaon Girl's H.S. School, Dergaon	–	SEBA	78%	1st	Star Mark
HS	2009	D.K.D. College, Dergaon	Science	AHSEC	60%	1st	–
B.Sc.	2012	J.B. College, Jorhat	Statistics (Major)	Dibrugarh University	75.20%	1st	3 rd Rank
M.Sc.	2014	Dibrugarh University	Statistics	Dibrugarh University	83.40% 8.34(CGPA)	1st	1 st Rank
Ph.D.	2018	Dibrugarh University	Statistics	Topic of Research: Some Aspects of Frailty Models in Survival Analysis in the Context of Bayesian Mechanism			

Examination Cleared for Eligibility for Lecturership:

Name of the Examination	Year of passing	Subject	Marks(%)
SET(NE)	2017	Mathematical Science (Statistics)	66.85%

Awards/Achievements:

Awarded **DST-INSPIRE Fellowship** from Department of Science and Technology, Government of India on 19/10/2015 with effective date from 28/04/2015

Teaching Experience:

1. Working as a part time lecturer in the Department of Statistics, D.R. College, Golaghat, Assam from 05/08/2014 to 31/03/2015.
2. Working as an Assistant Professor on Contract basis in the Department of Statistics, Dibrugarh University from 13/08/2019 to till now.
3. Working as a part time teacher in the Department of Commerce, Dibrugarh University from August, 2019 to December, 2019.

Research Experience:

1. Working as a INSPIRE Research Fellow in the Department of Statistics, Dibrugarh University from 28/04/2015 to 31/10/2018 under DST INSPIRE Fellowship.
2. Registered Ph.D Research Scholar in the Department of Statistics, Dibrugarh University from 01/10/2015 to 31/10/2018 and received the Ph.D degree on 01/11/2018 from Dibrugarh University in Statistics on the Research Topic "**Some Aspects of Frailty Models in Survival Analysis in the Context of Bayesian Mechanism**" under the supervision of **Prof. Jiten Hazarika**, Dept. of Statistics, Dibrugarh University.

Research Publications:

1. **Hazarika, J., & Mahanta, K. K. Performance of Students in Combined Entrance Examination (CEE) for Admission to Medical Colleges in Assam: A Case Study.** The International Journal of Humanities & Social Studies, Volume-3, Issue-8, (August 2015), PP 366-371
2. **Hazarika, J., & Mahanta, K. K. Studies on Survival Analysis using Frailty Models under Bayesian Mechanism and its Further Scope.** IOSR Journal of Mathematics (IOSR-JM) Volume 12, Issue 4 Ver. V (Jul. - Aug.2016), PP 15-21
3. **Mahanta, K. K., & Hazarika, J. A Bayesian Analysis of Univariate Proportional Hazard, Accelerated Failure Time and Proportional Odds Model under Frailty Approach.** International Journal of Creative Research Thoughts (IJCRT) Volume 6, Issue 1, February 2018, PP 755-765
4. **Mahanta, K. K., & Hazarika, J. A Bayesian Analysis of Univariate Proportional Hazards Frailty Models with Different Hazard Functions.** Assam Statistical Review, Volume-31, Issue-1&2. 2018. PP.93-115.

5. **Mahanta, K. K. & Hazarika, J. [2019] Multivariate Accelerated Failure Time Frailty Models with Different Hazard Functions under Bayesian Approach.** International Journal of Agricultural and Statistical Sciences. Vol.15, No. 2, December 2019.(Scopus)

Book Chapter Published:

1. **Mahanta, K. K., & Hazarika, J. An Overview on Proportional Odds Frailty Models and Its Real Life Application under Bayesian Mechanism.** Research Trends in Mathematics and Statistics, Volume-2, PP.17-40. Akinik Publications, New Delhi, ISBN:978-93-5335-049-9.

Papers Presented in Conferences, Seminars:

1. **“An Overview on Different Software for Statisticians”** at **National Seminar** on “Recent developments in Statistics and its applications in allied disciplines” on 21-22 March, 2014 organized by Dept. of Statistics, Dibrugarh University.
2. **“Frailty Models and Bayesian Analysis: A Review”** at **National Seminar** on “Recent Trends in Theoretical and Applied Statistics-I” on 11-12 March, 2016 organized by Department of Statistics, Dibrugarh university.
3. **“A Bayesian Analysis of Parametric and Semiparametric Univariate Frailty Model with the help of Skew Normal Frailty”** in the **International Conference** on 22-24th December 2016 at Manipal University, Jaipur.
4. **“A Bayesian Analysis of Parametric Skew Normal Univariate Frailty Model with Log-Logistic Hazard”** at **National Seminar** on RTTAS-II on 24-25th March, 2017 organized by Department of Statistics, Dibrugarh University.
5. **“Bayesian Analysis of Multivariate Accelerated Failure Time model with Lognormal Hazard under Frailty Approach”** on **ICSTC-2017, Third International Conference On Statistics For Twenty-First Century** on 14 -16th December, 2017 organized by University of Kerala at Technopark Campus, Trivandrum, Kerala, India.
6. **“A Proportional Odds Frailty model with Lognormal hazard for Multivariate Survival Data in context of Bayesian Mechanism”** at **National Seminar** on “RTTAS-III” 16-17th March, 2018 organized by Department of Statistics, Dibrugarh university.
7. **“A Multivariate Proportional Odds Frailty Model with Log-logistic Hazard in the Context of Bayesian Mechanism”** at **National Seminar** on “Statistics, Big Data and Data Science” 21-22nd November, 2019 organized by **Department of Statistics NEHU, Shillong.**

Workshop Attended:

1. **North-East Region Workshop on Probability & Statistical Methods** at D.R. College, Golaghat, Assam organized by ISI Applied Statistics Division [Bayesian & Interdisciplinary

Resarch Unit, BIRUJ] & Dept. of Statistics, D.R. College, Golaghat, Assam on October 25-29, 2010

2. **North-East Workshop on Probability** at Dept. of Mathematics, Tezpur University organized by ISI Statistics and Mathematics Unit, Kolkata on January 02-10,2014

3. **Workshop on Survival Analysis** conducted by ISI(ASD) Kolkata at Department of Statistics, Tripura University, Tripura on December 17-18, 2015.

4. **First Workshop on Computing: Theory and applications** at ISI North-East Centre at Tezpur on March 14-18,2016

5. One week national workshop on **Quantitative Techniques and Use of Statistical Software in Research(QTSSR)** organized by Department of Statistics, Dibrugarh University on 3-7 December, 2019.

Computer Knowledge:

1. Three months computer fundamental certificate course from Community Information Centre (under MIT, Govt. of Assam), Dergaon, Golaghat, Assam.

Extra Curricular Activity:

1. Participated and represent Assam in the **12th National level National Children's Science Congress** during 27-31 December, 2004 held at Cotton College, Guwahati and Presented a project titled "**A study on conservation of Discard water and its reuse**".
2. Ankan Bikash Senior Diploma from Society of Art and Craft, West Bengal in the year 2002-2003
3. Win several prizes in Drawing, Singing, Rangoli, Poem Recitation, Debating etc. at School, College and University level competitions.

Hobby:

Painting, Travelling, Reading Books, Knitting woolen products, Cooking etc.

Declaration:

I declare that all the above information are correct to the best of my knowledge and belief.

Place: Dibrugarh, Assam

Date:

(Kuki Kalpita Mahanta)