**CURRICULUM VIATE**

**Name: DR. TRIPAKSHI BORTHAKUR**

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**Caste:** General  **Nationality:** Indian **Language known:** Assamese, Hindi, English

 **ACADEMICS:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Exam Appeared** | **Institution** | **Subjects** | **Year of Passing** | **Marks (%)** | **Class**/**Grade**  |
| **HSLC** | **Kuralguri H.S. School** | **Eng., Maths, Sc., Social Sc., MIL(Assamese), Sanskrit** | **2006** | **73.8** | **Ist**  |
| **HS** | **D.K.D. College** | **Eng., Maths, Eco., Pol Sc., MIL(Assamese), Statistics** | **2008** | **77.2** | **Ist** |
| **B.Sc.** | **D.K.D. College** | **Statistics (M), Maths., Eco., Eng.** | **2011** | **84.0** | **Ist** |
| **M.Sc.** | **Dibrugarh University** | **Statistics** | **2013** | **85.3** | **Grade E** |
| **Ph.D.** | **Dibrugarh University** | **Topic: A Study on Goodness of Fit Tests for Different Distributions under Various Alternatives** | **2019** |  |  |

**PUBLICATIONS:**

1. Borthakur, T., and Gogoi, B. (2016): **A Study on Some Tests of Goodness of Fit for Exponentiality,** ***IARJSET***,Vol. 3(3), March 2016, 147-156, e-ISSN: 2393-8021 & p-ISSN: 2394-1588.
2. Borthakur, T., and Gogoi, B. (2016): **A Study on Goodness of Fit for Normality,** ***IARJSET***,Vol. 3 (6), June 2016, 230-240, e-ISSN: 2393-8021 & p-ISSN: 2394-1588.
3. Borthakur, T., and Gogoi, B. (2016): **A Study on Uniformity Tests under Various Alternatives**, ***Global and Stochastic Analysis***, (Special Issue), 25th International Conference of Forum for Interdisciplinary Mathematics, 65-73.
4. Borthakur, T., and Gogoi, B. (2017): **A Study on Some Tests of Uniformity and Their Performances**, ***IOSR Journal of Mathematics***, Vol. 13(1), Ver. III, Jan.-Feb. 2017, 06-19, e-ISSN: 2278-5728 & p-ISSN: 2319-765X.
5. Borthakur, T., and Gogoi, B. (2017): **A Study on Goodness of Fit Tests for One Parameter Pareto Distribution under Various Alternatives, *Assam Statistical Review***, A Research Journal of Statistics, Vol. 31 (1 & 2), March 2017, 75-92, ISSN: 0976-4291.

**SEMINAR ATTENDED:**

1. “A Study Goodness of Fit Tests for Pareto Distribution” presented in the National Seminar on RTTAS-I on 11-12 March, 2016 organized by Department of Statistics, Dibrugarh university.
2. “A Study on Uniformity Tests under Various Alternatives” presented in the International Conference on Interdisciplinary Mathematics, Statistics and Computational Techniques on 22-24December, 2016 at Manipal University, Jaipur.
3. “A Study on Goodness**-**of-fit Tests for GammaDistribution” presented in the National Seminar on RTTAS-II on 24-25March, 2017 organized by Department of Statistics, Dibrugarh University.
4. “A Study on Goodnessof Fit Tests for ParetoDistribution under VariousAlternatives” presented in ICSTC-2017, Third International Conference on Statistics for Twenty-First Century on 14 -16 December, 2017 organized by University of Kerala at Technopark Campus, Trivandrum, Kerala, India.
5. “Goodness of Fit for Pareto Distributionusing Various Tests underDifferent Alternatives” presented in the National Seminar on RTTAS-III 16-17March, 2018 organized by Department of Statistics, Dibrugarh University.

**BOOK CHAPTERS PUBLISHED:**

1. Borthakur, T., and Gogoi, B. (2019): A Survey on Some Normality Tests, ***Research Trends in Mathematics and Statistics***, Vol. 2, ***AKINIK PUBLICATION***, 67-83, ISBN: 978-93-5335-049-9.
2. Borthakur, T., and Gogoi, B. (2020): A Survey on Some Goodness of Fit Tests based on Gamma Distribution, ***Demystifying*** ***Research in Mathematical Sciences***, Vol. 1, ***Dibrugarh university***, 125-138, ISBN: 978-81-929186-9-3.