

# Curriculum Vitae

## Dr. Ahmadur Rahman

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### CURRENT POSITION

**Assistant Professor**, Department of Mathematics, School of Basic & Applied Science,  
Galgotias University, Greater Noida, UP, India. **[From April 06, 2018 - Present]**

### EDUCATION

- **2017**      **Ph.D. (Statistics)**  
Aligarh Muslim University, Aligarh, India  
**Thesis Title:** Analysis of Mathematical Models in Accelerated Life Testing
- **2013**      **M.Sc. (Statistics)**      82.83%  
Aligarh Muslim University, Aligarh, India  
**Project:** The Opinion of The Students of Aligarh Muslim University, Aligarh on  
Improvement of Quality of Education in India in the session 2012-13.
- **2011**      **B.Sc. (Statistics)**      72.07%  
Aligarh Muslim University, Aligarh, India  
**Project:** The Opinion of The Students Aligarh Muslim University, Aligarh about  
Their Career in the session 2010-11.
- **2008**      **10+2. (Mathematics, Physics & Chemistry)**      69.2%  
Jigar Memorial Inter College, Gonda, UP Board, India.

## TEACHING EXPERIENCE

- **Assistant Professor (Visiting)**, Department of Applied Sciences, Faculty of Engineering & Technology, The NorthCap University, Gurgaon, Haryana- 122505, India (From Oct, 2017 to 05 April, 2018)
- Have more than two years of experience in teaching Statistics and Operations Research at undergraduate and graduate levels and some Mathematics at undergraduate level.

## TEACHING INTEREST

- Reliability Theory
- Probability Theory
- Descriptive Statistics
- Statistical Inference
- Sample Surveys
- Applied Statistics
- Operations Research
- Business Mathematics/ Statistics
- Mathematics (UG Level)
- Computing Lab [Statistical Computing Using R-Software]

## RESEARCH INTEREST

- Reliability Theory
- Life Testing
- Accelerated Life Tests
- Estimation/ Optimization

## RESEARCH PUBLICATIONS

- **A. Rahman**, S.A. Lone, A. Islam,. Parameter Estimation of Mukherjee-Islam Model under Step-Stress Partially Accelerated Life Tests with Failure Constraint, *RT&A* No.4 (43), Vol. 11, December, 2016.

- **A. Rahman**, S.A. Lone, A. Islam,. Application of Geometric Process for Generalized Exponential Distribution in Accelerated Life Testing with Complete Data, *International Journal of Scientific and Engineering Research*, Volume 7, Issue-4 April, 2016..
- S.A. Lone, **A. Rahman**, A. Islam, Estimation in Step-Stress Partially Accelerated Life Test the Mukherjee-Islam Distribution under Time Constraint, *International Journal of Modern Mathematical Sciences*, 2016, 14(3): 227-238.
- S.A. Lone, **A. Rahman**, A. Islam, A Study of Accelerated Life Testing Design using Geometric Process for Generalized Exponential Distribution using Time Constraint, *International Journal of Engineering Sciences and Research Technology*, 5(2), February, 2016.
- S.A. Lone, **A. Rahman**, A. Islam, Likelihood Estimation of Exponentiated Exponential Distribution under Step Stress partially Accelerated life Test using Progressive Type-I censoring, *Applied Mathematics and Information Science Letters* 5, No.3, 107-112 (2017).
- S.A. Lone, **A. Rahman**, A. Islam. Step Stress Partially Accelerated Life Testing Plan for Competing Risk Using Adaptive Type-I Progressive Hybrid Censoring , *Pakistan Journal of Statistics*.2017 Vol. 33(4) 237-248.
- **A. Rahman**, S.A. Lone, A. Islam,. Analysis of Exponentiated Exponential Model under Step Stress Partially Accelerated Life Testing Plan using Progressive Type-II Censored Data, **Accepted** in *Revista Investigacion Operacional*.
- **A. Rahman**, S.A. Lone, A. Islam,. Statistical Analysis for Type-I Progressive Hybrid Censored Data from Burr Type XII Distribution under Step-Stress Partially Accelerated Life Test Model, *RT&A*, No. 3(46) Vol.12, September, 2017.
- S.A. Lone, **A. Rahman**, A. Islam, Step Stress Partially Accelerated Life Testing Plan for Rayleigh Distribution using Adaptive type-II Progressive Hybrid Censoring, *Soft Computing: Theories and Applications*, pp. 67-77, *Advances in Intelligent Systems and Computing*, Springer Link.

## LIST OF RESEARCH PAPER PRESENTED IN CONFERENCES

- Presented a paper entitled as **Statistical Analysis for Type-I Progressive hybrid Censored Data from Burr Type XII Distribution under Step Stress Partially Accelerated Life Test Model** in XIX Annual National Conference of Society of Statistics, Computer and Applications, Division of Statistics and Computer Science Faculty of Basic Sciences, SKUAST- JAMMU, March, 06-08, 2017.
- Presented paper entitled as **Comparative Study of Two Progressive hybrid Censoring Schemes using Step-Stress Partially Accelerated Life Test Model** in VII International Symposium on Statistics and Optimization (ISSAC-2016), Department of Statistics & Operations Research, A.M.U., Aligarh, Dec., 17-19, 2016.
- Presented paper entitled as **Step Stress Partially Accelerated life testing Plan for Competing Risk using Adaptive type-I Progressive Hybrid Censoring** in VII International Symposium on Statistics and Optimization (ISSAC-2016), department of Statistics & Operations Research, A.M.U., Aligarh, Dec., 17-19, 2016.
- Presented paper entitled as **Application of Geometric Process for Generalized Exponential Distribution in Accelerated Life Testing with Complete Data** in International Conference on Statistics and Related Areas for Equity, Sustainability and Development (SRAESD-2015), Department of Statistics, University of Lucknow, Lucknow, Nov.,28-30, 2015.

## LIST OF CONFERENCES/WORKSHOPS/SYMPOSIA ATTENDED

- Participated in the **National Workshop on Scientific Writing using Latex** Offered by Dr. Shakuntala Misra National Rehabilitation University, Lucknow, February 14-20, 2017.
- Attended workshop on **Modeling, Optimization and Simulation of Stochastic Systems (MOSSS-16)**, Mathematical Colloquium, Department of Mathematics, IIT Roorkee, Nov., 26, 2016.
- Attended a one week workshop on **Big Data Stream Analytic** Discipline of Mathematics, IIT Indore under GIAN Course, MHRD, GOI, Oct 26-Nov01, 2016.
- Participated in a workshop on **Data Analysis/SPSS & R/MINITAB**, UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh, Sept. 05-11, 2016.

- Participated in one week **Workshop on Computational Statistics**, Interdisciplinary Statistical Research Unit, Indian Statistical Institute, Kolkata, Feb 22-26, 2016.
- Participated in a workshop on **Reliability Theory and Survival Analysis**, Department of Statistics, Panjab University, Chandigarh, Nov., 4-6, 2015.
- One-Day Data Dissemination Workshop on Census-2011 organized by Directorate of Census Operations, Uttar Pradesh, Govt. of India, Ministry of Home Affairs Jangarna Bhawan, Aliganj, Lucknow, India, in the Department of Statistics and Operations Research, Aligarh Muslim University, Aligarh, India, November 19, 2014.
- Participated in the one week training program on **Official Statistics** for the post Graduate students of various Universities at National Academy of Statistical Administration (NASA), Ministry of Statistics & Program Implementation, government of India held during June 17-21, 2013.
- Attended workshop on **Data Analysis and Graphics with R Software**, Department of Statistics & Operations Research, A.M.U. Aligarh, February 18-23, 2013.
- Participated in **V National Conference on Statistical Inference, Sampling Techniques and Related Areas**, held during March 24-25, 2015 at Dept of Statistics and Operations Research, Aligarh Muslim University, Aligarh.

#### COMPUTER KNOWLEDGE

- Programming/Statistical packages: R, SPSS, Minitab and Excel
- Operating System: Microsoft Windows, WINDOWS XP, 7, 8, 10
- Computer Packages: LATEX.

#### FELLOWSHIPS

- Received **Maulana Azad National Fellowship (MANF)** by UGC from 2014-2017
- Awarded **PG Merit Scholarship** in the session 2011-12

#### PERSONEL PROFILE

**Father's Name** : Mr. Ateequr Rahman  
**Date of Birth** : 09/09/1990  
**Nationality** : Indian  
**Marital status** : Married  
**Sex** : Male

**Permanent address** : H.No.- 102, Village- Ghazipur, Post- Gaura Chauki,  
District- Gonda, Pin-271312, U.P., India

## REFERENCES

- **Prof. Ariful Islam (Supervisor)**  
Department of Statistics & Operations Research  
Aligarh Muslim University, Aligarh-202002, U.P., India.  
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- **Dr. Rafiqullah Khan**  
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