

**Faculty Name:** Dr. Javaid Ahmad Reshi

**Designation:** Assistant Professor (Statistics)

**Area of Specialization:** Generalized Probability Distributions, Bayesian Statistics, Bio-Statistics

**College:** Govt. Degree College Boys Anantnag

**Email:** [reshijavid19@gmail.com](mailto:reshijavid19@gmail.com)/[reshijavid19@yahoo.com](mailto:reshijavid19@yahoo.com)

**Phone:** 07006045794

**Date of Appointment:** 06-January 2017



### 1. Summary:

J.A. Reshi is an Assistant Professor at Department of Statistics, Jammu & Kashmir Higher Education, India. He received the Ph.D. degree in Statistics at Department of Statistics, University of Kashmir, Srinagar, Jammu and Kashmir, India. He has also worked as a Contractual Assistant Professor at Department of Statistics, University of Kashmir, Srinagar, Jammu and Kashmir, India for a period of three years. His research interests are in the areas of Generalization and Optimization of Probabilistic models, Bayesian Statistics and Information theory including the weighted equilibrium, Transmutation of classical and generalized probability distributions, Information measures and Bio-statistics. He has published many research articles in different international and national reputed, indexed journals in the field of Mathematical Sciences. He is also referee of various mathematical and statistical journals especially Applied Mathematics and information Sciences, Journal of Applied Statistics and Probability, Journal of Applied Statistics and Probability Letters, Applied Mathematics and Information Letters, Journal of Reliability and Statistical Studies, International Journal of Modern Mathematical Sciences, Journal of Modern and Applied Statistical Methods and Pakistan Journal of Statistics. He has presented several research articles in many international and national conferences.

### 2. ACADEMIC QUALIFICATIONS

B.Sc. (Mathematics, Statistics and Physics) from University of Kashmir, Srinagar in 2008 with second Division.

M.Sc. (Statistics) from University of Kashmir, Srinagar in 2010 with First Division.

B.ED from University of Kashmir, Srinagar in 2011 with First Division.

Ph.D. on the thesis entitled "On Some Contributions to Size-biased Probability Distributions" from University Kashmir, Srinagar in 2014.

### 3. SPECIALIZATION/ THURST AREAS

Probability and Generalized Probability Distributions, Bayesian Statistics, Bio-Statistics

### 4. Computer Knowledge:

MS office (MS-Word, MS-Excel and MS -PowerPoint)

### 5. Statistical Software's :

R-Software (Stats 4, Stats, VGAM, MASS, FITDISTR, DIRMULT,DIRMULTREG), SPSS Software, Minitab, FORTRAN Language, C- Programming Language and SPLUS-2000.

## 6. Sample Survey Project Conducted:

- I. A Sample Survey Regarding the Activities of Kashmir University Ministerial Staff Association (KUMSA).
- II. Work as Co-advisor of three M.Sc. Projects in the year 2016 at University of Kashmir:
- III. Characterization and Estimation of Generalized Gamma Distribution and its
- IV. Characterization and Estimation of Generalized Rayleigh Distribution and its
- V. Characterization and Estimation of Lognormal Distribution and its Application.
- VI. Work as Co-advisor of the B.Sc Projects of IUST Awantipora in the year 2016 entitled as "Statistical Modeling in Medical Science s".
- VII. Work as Advisor on the B.Sc. Projects entitled as "Characterizations and estimations of Life time distributions".

## 6. Teaching Experience:

| Courses Taught                                   | Name of the University/ College/ Institution | Duration         |
|--|--|------------------|
| U.G<br>(B.A/B.Sc. etc.)<br>B.A/B.Sc. etc. Hons.) | Govt. Degree College ( Boys) Anantnag        | 4 YEARS 2 MONTHS |
| PG<br>(M.A/M.Sc. etc.)                           | University of Kashmir, Srinagar.             | 3 years          |

| S.NO | Organization                     | Designation                 | FROM       | TO         |
|------|----------------------------------|-----------------------------|------------|------------|
| 01   | University of Kashmir, Srinagar  | Contractual Astd. Professor | 01-04-2014 | 31-01-2015 |
| 02   | University of Kashmir, Srinagar  | Contractual Astd. Professor | 19-04-2015 | 31-01-2016 |
| 03   | University of Kashmir, Srinagar  | Contractual Astd. Professor | 01-04-2016 | 31-12-2016 |
| 04   | Jammu & Kashmir Higher Education | Assistant Professor         | 06-01-2017 | Till date  |

## 7. REVIEWER OF REPUTED RESEARCH JOURNALS:

| Name of Teacher        | Name of the Journal   |
|------------------------|---|
| Dr. Javaid Ahmad Reshi | I. Journal of Modern Applied Statistical Methods(DIGITALCOMMONS@WAYNESTATE) |
|                        | II. Pakistan Journal of Statistics(Scopus Indexing)                         |
|                        | III. Applied Mathematics and Information Sciences (Scopus Indexing)         |
|                        | IV. Journal of Applied Statistics and Probability (Scopus Indexing)         |
|                        | V. Journal of Applied Statistics. (Scopus Indexing)                         |

## 8. Conferences Organized:

Organized One day conference on “Learning Outcomes Based Curriculum Framework in subject Statistics on the Sub-theme entitled as “New trends in Statistics and optimization” held on 03 March 2020.

## 9. Role of Faculty Members in Governance, Leadership and management.

| <b>Role of Faculty Member</b>  |
|--|
| Head of Department.  |
| Worked as “In charge Data Analysis Section at Divisional COVID-19 Control Room, Divisional Commissioner Office, Srinagar” on deputation Basis. |
| Nodal Officer –ATMA NIBAR ABIYAN.  |
| CO-Coordinator-IQAC.   |
| Convener-Time Table and Classification.  |
| Convener- Online Classes.  |
| CO-Convener-Academic Affairs Committee.  |
| Coordinator- Examination Committee.  |
| Convener-Result Evaluation Committee.  |
| Convener- Statistics & Estates Committee.  |
| Co-Convener-UGC.   |
| Member- Research and Development Committee.  |
| Member-Career Counseling Committee.  |
| Member-Scholarship Committee.  |
| Member- Accounts and Tax Committee.  |
| Convener- Sports Committee   |

## 10. Extension Lectures Delivered:

Actuarial Statistics, Food Technology, Bio-chemistry, Clinical-Biochemistry, Director of Distance Education (Commerce Department), Economics, Geology and Geophysics.

## 11. Courses Taught at Post- Graduate Level and Graduate Level:

- I. Advanced Statistics for Management Students (MBA)
- II. Probability and Probability Distributions
- III. Multivariate Analysis
- IV. Applied Statistics and Mathematics
- V. Operations Research
- VI. Research Methodology
- VII. Non-Linear Programming
- VIII. Statistical Computing
- IX. Statistical Softwares
- X. Information Theory Business Mathematics (BUSINESS SCHOOL)

- XI. Business Statistics (DDE).
- XII. Bio-Statistics and Bio-informatics.
- XIII. Statistical Methods (PG Course)
- XIV. Statistics-I
- XV. Introduction to SPSS.
- XVI. Statistical Methods (UG Course)

**12. Research Publications:**

| <b>Research Citations</b> |            |
|---------------------------|------------|
| <b>Citations</b>          | <b>113</b> |
| <b>h-index</b>            | <b>6</b>   |
| <b>i10-index</b>          | <b>3</b>   |

| <b>TITLE</b>   | <b>CITED BY</b> | <b>YEAR</b> |
|--|-----------------|-------------|
| <b>WEIGHTED GAMMA-PARETO DISTRIBUTION AND ITS APPLICATION.</b><br>AA Dar, A Ahmed, JA Reshi<br>Pakistan Journal of Statistics 36 (4)   |                 | <b>2020</b> |
| <b>Bayesian Inference of Ailamujia Distribution Using Different Loss Functions</b><br>SPA J A Reshi, A Ahmad<br>Bayesian Analysis and Reliability Estimation of Generalized Probability                          | <b>2*</b>       | <b>2019</b> |
| <b>AN EXTENSION OF POWER DISTRIBUTION</b><br>AA Dar, A Ahmed, JA Reshi<br>Investigation Operacional 39 (4), 626-638  | <b>4</b>        | <b>2018</b> |
| <b>Characterization and Estimation of Weighted Maxwell-Boltzmann Distribution</b><br>AA Dar, A Ahmed, JA Reshi<br>Applied Mathematics & Information Sciences 12 (1), 193-202                                     | <b>2</b>        | <b>2018</b> |
| <b>Obtaining strata boundaries under proportional allocation with varying cost of every unit</b><br>F Danish, SEH Rizvi, MI Jeelani, JA Reashi<br>Pakistan Journal of Statistics and Operation Research, 567-574 | <b>9</b>        | <b>2017</b> |
| <b>Transmuted Weighted Exponential Distribution and Its Application</b><br>* Aijaz Ahmad Dar <sup>1</sup> , Aquil Ahmed <sup>1</sup> and J. A. Reshi <sup>2</sup>  | <b>6</b>        | <b>2017</b> |

| TITLE  | CITED BY | YEAR |
|--|----------|------|
| J. Stat. Appl. Pro. 6 (1), 219-232   |          |      |
| <b>BAYESIAN ANALYSIS OF MAXWELL-BOLTZMANN DISTRIBUTION UNDER DIFFERENT LOSS FUNCTIONS AND PRIOR DISTRIBUTIONS</b><br>AAJAR A.A. Dar<br>Pakistan Journal of Statistics 33 (6), 419-440  | 4        | 2017 |
| <b>On some contributions to size-biased probability distributions.</b><br>JAS Reshi, A Ahmed, KA Mir   |          | 2016 |
| <b>Characterization and Estimations of Weighted Generalized Beta Probability Distributions</b><br>JA Reshi, A Ahmed<br>Journal of Statistics Applications & Probability 4 (3), 513   |          | 2015 |
| <b>Bayesian analysis of generalized gamma distribution using R software</b><br>K Ahmad, SP Ahmad, A Ahmed, JA Reshi<br>Journal of Statistics Applications & Probability 4 (2), 323-335   | 8        | 2015 |
| <b>Characterization, Reliability and Information measures of Even-Power Weighted Generalized Gamma Distribution</b><br>JA Reshi, A Ahmed   |          | 2015 |
| <b>Some important Statistical properties, Information measures and Estimations of Size biased Generalized Gamma Distribution</b><br>JA Reshi, A Ahmed, KA Mir<br>Journal of Reliability and Statistical Studies, 161-179           | 1        | 2014 |
| <b>Bayesian estimation of size biased classical gamma distribution</b><br>JA Reshi, A Ahmed, KA Mir<br>Journal of Reliability and Statistical Studies, 31-42   | 6        | 2014 |
| <b>On new moment method of estimation of parameters of size-biased classical gamma distribution and its characterization</b><br>JA Reshi, A Ahmed, KA Mir<br>International Journal of Modern Mathematical Sciences 10 (2), 179-190 | 2        | 2014 |
| <b>Characterizations and Estimations of Size Biased Generalized Rayleigh Distribution</b><br>JA Reshi, A Ahmed, KA Mir<br>Mathematical Theory and Modeling 4 (6), 87-101   | 4        | 2014 |

| TITLE   | CITED BY | YEAR |
|---|----------|------|
| <b>Bayesian analysis of size-biased generalized gamma distribution-a simulation study</b><br>JA Reshi, A Ahmed, KA Mir, SP Ahmad<br>International Journal of Modern Mathematical Sciences 10 (1), 45-59                       | 5        | 2014 |
| <b>Analysis of different pastry samples available in local market of Kashmir (India)</b><br>DM J A RESHI, S.M.DAR<br>International Journal of Food Nutrition and Safety 5 (3), 146-156  |          | 2014 |
| <b>Bayesian Analysis of Size biased Exponential Distribution</b><br>AAKAMIR J. A RESHI<br>International Journal of Modern Mathematical Sciences 12 (1), 16-29   |          | 2014 |
| <b>On New Moment Method of Estimation of Parameters of Size biased Classical Gamma Distribution and its Characterization</b><br>JAR A Ahmed, K A Mir<br>International Journal of Modern Mathematical Sciences 10 (2), 189-200 |          | 2014 |
| <b>Bayesian Analysis of Scale parameter of the Generalized Inverse Rayleigh Model using different Loss Functions</b><br>JAR A.Ahmed, S.P.Ahmad<br>International Journal of Modern Mathematical Sciences 10 (2), 151-162       | 2        | 2014 |
| <b>On new method of estimation of parameters of Size-biased Generalized Gamma Distribution and its Structural properties</b><br>A Ahmed, KA Mir, JA Reshi<br>IOSR Journal of Mathematics 5 (2), 34-40                         | 11       | 2013 |
| <b>A new class of Weighted Generalized Beta distribution of first kind and its statistical Inferences</b><br>A Mir, JA Reshi<br>International journal of Research in Management 6 (3), 49-58                                  | 3        | 2013 |
| <b>Bayesian analysis of Rayleigh distribution</b><br>A Ahmed, SP Ahmad, JA Reshi<br>International Journal of Scientific and Research Publications 3 (10), 1-9   | 18       | 2013 |
| <b>Structural Properties of length biased Beta distribution of first kind</b><br>KA Mir, A Ahmed, JA Reshi  | 8        | 2013 |

| TITLE   | CITED BY | YEAR |
|---|----------|------|
| American Journal of Engineering Research 2 (2), 1-6   |          |      |
| <b>On size biased generalized beta distribution of first kind</b><br>A Ahmed, KA Mir, JA Reshi<br>IOSR J Math 5, 41-48  | 3        | 2013 |
| <b>On Size-biased Exponential Distribution</b><br>KA Mir, A Ahmed, JA Reshi<br>Journal of Modern Mathematics and Statistics 7 (2), 21-25  | 4        | 2013 |
| <b>Structural properties of size biased Gamma distribution</b><br>A Ahmed, JA Reshi, KA Mir<br>IOSR Journal of Mathematics 5 (2), 55-61   | 11       | 2013 |
| <b>Bayesian estimation of parameter of Size biased Generalized Rayleigh Distribution under the extended Jaffrey's prior and new loss functions</b><br>JAR , A.Ahmed, K.A.Mir<br>International Journal of Mathematical Research Science 1 (3), 49-61 |          | 2013 |
| <b>On Size biased Gamma Distribution</b><br>KAM A.Ahmed ,J.A.Reshi<br>Journal of Modern Mathematics and Statistics 7 (5), 55-57   |          | 2013 |
| <b>On Size biased Generalized Beta distribution of second kind</b><br>KA Mir, A Ahmed, JA Reshi   |          |      |

### 13. Workshops, Seminars and Conferences attended:

#### a) International Conferences attended:

- I. On Size biased Generalized Beta distribution of second kind; Presented in International Conference on Statistics and Operation Research, (2012 ) at Aligarh Muslim University.
- II. On length biased Beta distribution of first kind; Presented in International Conference on Bayesian Theory and its Applications (2013) at Banaras Hindu University, Varanasi.
- III. Characterization and estimation of Size biased classical Gamma distribution and its statistical inferences Presented at ICORDADA 2013, University of Kashmir.
- IV. Some statistical properties, information measures and estimations of Size biased Generalized Gamma distribution and its statistical inferences presented in ICORDADA 2013 at University of Kashmir, Srinagar.

**b) National Conferences Attended:**

- I. A new Weighted families of Classical Gamma Distribution and its Applications presented in National Conference on Statistics, Computer and Applications (2016) at Department of Statistics, University of Jammu.
- II. Characterizations, Reliability and Information measures of Even Power Weighted Generalized Gamma Distribution presented in National Conference on Statistics, Statistical Inference and sampling (2015) at Department of Statistics, Aligarh Muslim University Aligarh U.P
- III. Characterizations and Estimations of Even Power Weighted Generalized Gamma Distribution and its Application (2015) :Presented in 11TH JK Science Congress (at University of Kashmir.
- IV. Characterizations and estimations of Size Biased Generalized Rayleigh Distribution presented in National Conference on Advances in Theoretical and Applied Statistics (2015) at Department of Statistics, Panjab University, Chandigarh.
- V. Bayesian estimation of parameter of Size biased Generalized Rayleigh Distribution under the extension Jaffrey's prior and new loss functions Presented in 9TH JK Science Congress (2013) at University of Kashmir.
- VI. On Size biased gamma distribution; Presented in 8TH JK Science Congress (2012) at University of Kashmir.
- VII. On Size biased exponential distribution; Presented in 8TH JK Science Congress (2012) at University of Kashmir.

**c) Workshops Attended:**

- I. Attended one week workshop on "Research Methodology in Sciences using Statistical Software's" organized by UGC-Academic Staff College, University of Kashmir, Srinagar (2012).
- II. Attended five days International workshop on "Optimization Techniques and Software's" organized by 46<sup>th</sup> Annual Convention of Operational Research Society of India, held at University of Kashmir, Srinagar (2013).
- III. Attended one week workshop on "Induction Training Program" organized by Govt. College of Education M.A Road Srinagar collaboration with Jammu & Kashmir Higher Education (2017).
- IV. Attended one day workshop on "Scholar Writing and Pilgrimage at University of Kashmir, Srinagar with the collaboration of Springer Nature" (2017).
- V. Attended one week workshop on "Statistics and Optimization using Statistical Software Packages at Department of Statistics and Operation Research , Aligarh Muslim University , Aligarh, U.P (2018).
- VI. Attended the Four Weeks 77<sup>th</sup> General Orientation Programme at Human Resource Development Centre (HRDC) University of Kashmir (2018).



**14. Number of Refresher Courses/ General Orientation Course/ Induction Programmes/ Extension Lectures :**

- I. **J. A. RESHI (2018);** Attended Four weeks 77<sup>th</sup> General Orientation Courses at Human Resource Development Centre at University of Kashmir, Srinagar.
- II. **J. A. RESHI (2020);** Attended Two Weeks Refresher Course in Disaster Management at Human Resource Development Centre at University of Jammu.
- III. **J. A. RESHI (2017);** Attended Seven Days Induction Program at Govt. College of Education, Cluster University of Kashmir.
- IV. **J. A. RESHI (2019);** Delivered Extension Lecture on” Manual of Self Study Report (SSR) for Affiliating Colleges at Govt. Degree College Anantnag.

**15. Awards/ Fellowships:**

| Year | Names of Teacher       | Award  |
|------|------------------------|--|
| 2015 | Dr. Javaid Ahmad Reshi | Received Best paper Presentation Award in the 11 <sup>th</sup> Science Congress at University of Kashmir, Srinagar |

**16. Faculty Members in board of Under-Graduate Studies:**

| Name of the Faculty Member | Year      |
|----------------------------|-----------|
| Dr. Javaid Ahmad Reshi     | 2018-2020 |

**17. Faculty Members involved in E Content:**

| Name of the Faculty Member | Description  | Year |
|----------------------------|--|------|
| Dr. Javaid Ahmad Reshi     | Concerned faculty member prepared e content in the form of video lectures for subject statistics | 2020 |

**18. Reviewer of Reputed Research Journals:**

| Name of Teacher        | Name of the Journal   |
|------------------------|---|
| Dr. Javaid Ahmad Reshi | I. Journal of Modern Applied Statistical Methods(DIGITALCOMMONS@WAYNESTATE) |
|                        | II. Pakistan Journal of Statistics(Scopus Indexing)                         |
|                        | III. Applied Mathematics and Information Sciences (Scopus Indexing)         |
|                        | IV. Journal of Applied Statistics and Probability (Scopus Indexing)         |
|                        | V. Journal of Applied Statistics. (Scopus Indexing)                         |

### 19. Research Collaboration and Consultancy Provided:

| Year | Name of the Faculty    | Research Collaborating Agency/ Organization                    | Number of Research Scholar      |
|------|------------------------|--|---------------------------------|
| 2017 | Dr. Javaid Ahmad Reshi | Department of Statistics, Aligrah Muslim University            | 01 Ph.D Scholar- Ajaz Ahmad Dar |
| 2017 | Dr. Javaid Ahmad Reshi | Department of Statistics, SKUAST, Jammu                        | 01 Ph.D Scholar- Faizan Danish  |
| 2019 | Dr. Javaid Ahmad Reshi | Department of Statistics, BS Abdul Rehman University , Chennai | 01 Ph.D Scholar- Mohd Amir Dar  |
| 2020 | Dr. Javaid Ahmad Reshi | Bagwant University Ajmer                                       | 01 Ph.D Scholar- Muzamil Jalal  |

### 20. Invited lectures

- I. Delivered a lecture on the topic “Application of Parametric tests through SPSS” in
- II. one week Workshop on “Research Methodology for Research Scholars” organized by UGC-Academic Staff College, University of Kashmir, Srinagar (2014).
- III. Delivered ten extension lectures in the Workshop on “Research Methodology for Research Scholars” organized by Department of Economics, University of Kashmir,
- IV. Delivered two invited lectures on the topic “Analysis is and applications of various Statistical tools in SPSS” at Department of Actuarial Mathematics & Statistics, Islamic University of Science & Technology Awantipora (2016).