

Mr. MUHAMMAD ILYAS

Personal Profile

Father Name: Hakim Ullah

Date of Birth: 15-02-1984

Marital Status: Married

Religion: Islam

Mailing Address: Department of Statistics, New Academic Block, University of Malakand,
Chakdara, Dir Lower Khyber Pakhtunkhwa, Pakistan.

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Academic Qualification

- **Major Field of Research:** Robust Statistics, Robust Regression
- **M.Phil leading Ph.D (Statistics):** Thesis submitted University of Peshawar
Ph. D Thesis: A comparative study of biased, robust and biased-robust regression and some improved diagnostic and estimation strategies
- **M. Sc:** (2005-2006), University of Peshawar, Pakistan.
- **Bachelor of Science** (B. Sc Computer Science, A course of Mathematics and Statistics): (2003-2004), University of Malakand, Pakistan.
- **Intermediate** (F. A inter Science): (2001-02), BISE Swat.
- **Secondary School Certificate** (Metric Arts Group): 1999-2000, BISE Swat.

Teaching Experience

- I am working as lecturer (from 20-02-2012 till date), Department of Statistics, University of Malakand, Chakdara, Dir Lower, Khyber Pakhtunkhwa, Pakistan.

I taught the following Courses so far working as a Lecturer in the Department of Statistics:

Introductory Statistics, Introduction to Probability Distributions, Basic Statistical Inference, Introduction to Regression Analysis & Experimental Design, Design & Analysis of Experiment-I , Regression Analysis, Statistical Packages , Probability and Probability Distribution-II ,Design & Analysis of Experiment-II ,Econometrics, Applied Multivariate Analysis, Population Studies, and Operation Research.

Administrative Experience

- Staff Proctor at University of Malakand (Jan 2017-till date).
- Semester Coordinator in the Department of Mathematics, University of Malakand (from January 2017 till date).
- Member of the Program Team for Self-Assessment Report (2014-till date).
- Member Graduate study committee.
- Member board of faculty (Faculty of Science).

Trainings/Workshops/Conferences

1. 11th Islamic Countries Conference on Statistical Sciences (ICCS-11) “Statistics for Strategies in Development” held on December 19-22, 2011 at University of Management and Technology Lahore, Pakistan.
2. National workshop for M.phil, Ph.D Students held on July 12-15, 2011 at Barha Gali Organized by Department of Statistics University of Peshawar.
3. Two days seminar “Self-Assessment Procedure” on 27th - 28th Feb, 2013 in digital lab, University of Malakand.
4. Attended a one day workshop by Dr Peter Guttorp from the University of Washington talks on “*Projecting the Uncertainty of Sea Level Rise Using Climate Models and Statistical Downscaling*” on 25 march 2015 at Department of Statistics University of British Columbia Canada.

Research Activities

1. Qamruz zaman, Muhammad Atif, Muhammad Farooq, **Muhammad Ilyas** and Fazal Rabbi “Political Fedration are one of the Main Causes of Increasing Level of Anxiety among the University students” International journal of Business and Social Sciences, Vol.2 No.19[special Issue-2011].
2. **Ilyas. M**, Khan. S, “A Comparative study of various robust regression methods under varying levels of Multicollinearity and Outlier percentage” **Submitted.**
3. **Ilyas. M**, Khan. S, “A new proposed weighted LAD-lasso (WLAD-Lasso) based on a new weighting scheme and its comparison with existing (WLAD-Lasso) estimators” **Submitted.**