

## **Dr. FARZANA AKHTAR ABBASI**

### ***Personal Information:***

Correspondence Address      Department of Mathematics & Statistics  
Female Campus  
International Islamic University Islamabad  
E mail:      [farzana.akhtar@iiu.edu.pk](mailto:farzana.akhtar@iiu.edu.pk)  
Phone:      +92-51-9019832

### ***Academic Qualification:***

Ph.D. Statistics      Quaid-I-Azam University Islamabad.

M.phil Statistics      Quaid-I-Azam University Islamabad.

M.Sc. Statistics      Islamia University Bahawalpur.

### ***Professional Experience:***

Assistant Professor, February 16, 2015 - to date  
Department of Mathematics & Statistics International Islamic University  
Islamabad

### ***Computer Proficiency:***

SAS, SPSS, Minitab, Mathematica and R

### ***Areas of Interest:***

- ❖ Bayesian Inference
- ❖ Probability Distributions
- ❖ Statistical Inference
- ❖ Bayesian Decision Theory
- ❖ Mixture Modeling
- ❖ Experimental Design

### ***Award:***

2005 Higher Education Indigenous Scholarship Phase-II, Government of  
Pakistan, Mphil. Leading to Ph.D

### ***Publications***

- ❖ “Bayesian inference of the inverse Weibull mixture distribution using

type-I censoring".(2013) Journal of applied Statistics. Vol:40(5),  
pp:1076-1089.

❖ Bayesian Look at the Paired Comparisons Models.(2013). Pak.j.stat.Oper .res. Vol.  
IX No.3 pp241-252

❖ "Bayesian Analysis of two parameter Pareto mixture using Censoring".  
(2012) International Journal of Physical Sciences. Vol. 7(44), pp. 5878-5891