

Curriculum Vitae

Arfa Maqsood

D/o Maqsood-ul-Hasan

Date of Birth: 30th July, 1978

Marital Status: Single

Sex: Female

Domicile: Karachi (Sindh)

E-mail: arfa_ku@yahoo.com and amaqsood@uok.edu.pk

Educational

M.Sc in Statistics : From Department of Statistics, University of Karachi with First (2000-2001) Division.

B.Sc with Subjects : From Govt. Islamia Science College Karachi with First Division.
Statistics
Mathematics
Physics
(1997-1998)

H.Sc (1995-1996) : From Govt. Degree College for Women Nazimabad Karachi with Second Division

S.Sc (1993-1994) : From Muslim Govt. Sec. School Nazimabad Karachi with First Division

Technical Reports and Educational Experiences

A Survey Report:

A survey was conducted by the students of third year (Hons.) & M.Sc (Prev.), titled as “*Evaluation of Smoking Pattern in Karachi*” under the kind supervision of Prof. Asim Jamal Siddiqui of statistical department of Karachi University.

A Technical Report:

Analysis of advertisement in daily Jang & comparison among different categories of advertisement (2001), under the supervision of Prof. Syed Afroz-uddin-Ahmed.

A Project Report:

A report was prepared by the students of M.Sc (Final) were enrolled in the course no. 631, titled as Demography or Population Study, on the topic “*Child Labour*” under the kind supervision of Prof. Zahid Mehmood, chairman of Statistics department, University of Karachi.

Quality Control Course:

Attended 42 hours course on “*Quality Management Systems (ISO 9000’2000)*”, conducted at the Department of Statistics, University of Karachi in February-April, 2002.

Computer Packages

Statistical Softwares: **MINITAB, ITSM, SPSS, MATLAB, EViews**
Other Softwares : **MS Office**

Job Experiences

- **Full Time Co-operative Lecturer** in the Department of Statistics, University of Karachi: 19th March 2002 to 15th May 2006.
- **Lecturer** in the Department of Statistics, University of Karachi: 16th May 2006 to still
- **Visiting Lecturer** at the Department of Chemistry, University of Karachi in 2005
- **Visiting Lecturer** at the Department of Computer Science, University of Karachi in 2009 and 2010
- **Visiting Lecturer** at the Department of Urdu, University of Karachi in 2010

Supervision of Technical Report

Supervised a technical report to Ms. Aaliyah Erum on the topic “*Estimation of the Generalized MS-ARFIMA process using DLV algorithm*” as partial fulfillment of the requirements of the degree of M.Sc

Seminars/Workshops, Presentation

- Presented a paper entitled “*Study of Inflation in Pakistan Using Statistical Approach*” in the fourth international conference on “Statistical Sciences” held in May 9-11, 2008 at University of Gujrat, Gujrat.
- Presented a paper entitled “*A Comparative Study to Estimate the Parameters of Mixed Weibull Distribution*” in the international conference on “Statistical data produced and application of Statistics” held in September 3-5, 2007 at University of Punjab, Lahore.
- Attended “*Staff Development Course*” held in May 29 to June 24, 2006 at Department of Physiology, University of Karachi, organized by National Academy of Higher Education (NAHE), sponsored by Higher Education Commission, Pakistan.
- Attended a workshop on “*Statistical Methods in Environmental Science*” held in March 6-9, 2006 at Institute of Environment Science, University of Karachi. I participated with Dr. Ehtesham Hussain on the topic of Regression approach in Environmental studies.
- Participated as a resource person with my colleague Bushra Shamshad and my teacher Dr. Ejaz Ahmed in the workshop on “*Design of Experiment*” held in January 16-19, 2006 at PTC (Pakistan Tobacco Company) Akora Khatak.
- Attended the “*Eighth Statistics Seminar*”, held in March 2001 at Department of Statistics, University of Karachi.
- Abstract entitled as “*Long Memory Forecasting Using Fractionally Integrated ARMA Model*”, has been accepted to present in Two-day international conference on World Statistics Day “Statistics For Society”, October 20-21, 2010

- Presentation on “*Temporal Modeling of Inflation in Pakistan: A statistical Approach*” in a series of presentation given by the researchers/PhD candidates held at Department of Computer Science, University of Karachi, in January 2010.

Publication

One paper, entitled as “*A Comparative Study to Estimate the Parameters of Mixed Weibull Distribution*”, has been published in Pakistan journal of Statistics and Operation Research (PJSOR)

Field of Study

My field of interest includes Descriptive Statistics, Theory of Probability, Numerical Analysis, Non-Parametric Methods, Theory of Inference, Design of Experiment, Linear Algebra, Correlation and Regression Analysis, Time Series Analysis

Membership of Academic Forums

- Member Board of Studies, Department of Statistics, University of Karachi
- Member Board of Faculty of Science, University of Karachi
- Member Board of Faculty of Arts, University of Karachi

Membership of Statistical Forums

- Member of KASSIS (Karachi society of statistics and information sciences)
- Member of CDS (career development society)

Other Achievements

- NTS: Cleared GRE (General) in October 2006
- HEC: Qualified for fellowship under “Indigenous 5000 PhD fellowship program batch-V 2008-09
- Cleared ASR-701 and ASR-702 (both with First division) as a compulsory courses for M.Phil/PhD program
- Got appointment letter as a Lecturer from SPSC (Sindh public service commission) selection committee
- Got appointment letter as a Lecturer from FPSC (Federal public service commission) selection committee

Current Status

Enrolled in M.Phil/PhD program and conversion of admission from M.Phil/PhD to PhD program has been approved.