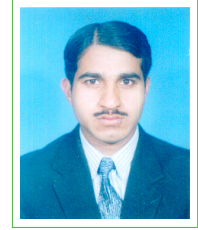


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Curriculum Vitae

Personal Information

Father's Name Muhammad Faiz Rasan Javed
Date of Birth January 20, 1980
Nationality Pakistani
Marital Status Married

Education

2003-2005 **M.Phil in High Energy Physics**, *University of the Punjab*, Lahore, Pakistan.
Center for High Energy Physics.
2000-2002 **M.Sc in Applied Mathematics**, *University of the Punjab*, Lahore, Pakistan.
Department of Mathematics.

Distinctions and Awards

2007 Awarded HEC scholarship for PhD degree in Germany. (Not availed)
2005 Achieved distinction in M.Phil degree program.

Experience

2007–present **Lecturer**, *University of the Punjab*, Lahore, Pakistan.
Centre for High Energy Physics.
2005-2007 **Research Scholar**, *University of the Punjab*, Lahore, Pakistan.
Centre for High Energy Physics.

Courses Taught

M.Phil Quantum Field Theory
Masters Numerical Linear Algebra, Numerical Analysis, Mathematical Methods I.
BS. Hons. Discrete Mathematics, Vector Algebra and Analysis, Mathematical Methods I
Numerical Linear Algebra, Numerical Analysis.

Working Experience

Operating Systems

All Microsoft™ Operating systems, Linux.

Programming Languages

Procedural C, Fortran

Scientific Maple™, MatLab™, Cadabra.

Office Automation

TEX, L^AT_EX, Microsoft Office™

Languages

Urdu **Fluent**

My native language.

English **Intermediate**

Speaking, reading, and writing.

German **Elementary**

A Reasonable comprehension.

Scientific Activities

- Life Member of Pakistan Institute of Physics.
- Life Member of Pakistan Vacuum Society.

Other Activities

2002–Today Member of Hiking, Trekking and Mountaineering Club (PU).

Other Interests

Education I like reading materials related to Science, Literature, History, Poetry and biography of leading scientists.

Sports I love to play cricket and football.

Publications

Paper Javed, M.A. et-al, '**Automatic Ferrite Control Measurement using Image Processing and Pattern Classification**', International Journal of Advanced Computer Science and Application. (under publication)

Paper Javed, M.A., Ahmad, W., A. Narayanan, '**Quantum Jump Clustering**', Proc. of 7th International Conference on Natural computation (ICNC'11), pg. 1328-1331.

Book **Applied Physics (In Urdu)**, (For D.A.E. students), Goodwill Publications, Urdu Bazar, Lahore (2007).

Conferences and Workshops Organized and Attended

- Organized and attended an '**5th International Meeting on Particles and Fields**', held on 25 March - 28 March 2013, CHEP, University of the Punjab, Lahore.
- Attended a workshop on '**Conference Presentations and Networking**' held in 2010 at Newcastle University UK.
- Attended a workshop on '**Data Analysis using SPSS**' held in 2010, at Newcastle University, UK.
- Attended a two day workshop on '**Introduction to Teaching and Learning in Higher Education - Part A**' held on 30 November - 1 December 2009, at Newcastle University, UK.
- Attended a workshop on '**Supporting Postgraduates who teach Mathematics and Statistics**' held on 26 Oct 2009, Durham University, UK.
- Attended a course on '**E-Mentoring Training**' held on 6th Feb 2009, at Newcastle University, UK.

- Attended a workshop on '**Career Management: Making a Successful Career Move (Out of Academic Research)**' held on 4th Feb. 2009, at Newcastle University, UK.
- Attended a 4-day residential course on '**North East Local GRADschool - Communication Skills and More**' in 2008 , held at St. Aiden's College, Durham University, UK.

Supervised M.Phil Theses

- 2013 **Spherically Symmetric Solutions of Einstein's Field Equations Using Cadabra** by *Sultan Mehmood Zangi*
- 2014 **Symmetry Breaking in Charmonia of SU(3)** by *Ansa Jamil*