



Saleem Iqbal

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Profile: Proactive, patience, ability to pre-empt situations, motivational skills, enthusiasm, initiative, reliability, professionalism, ability to work under pressure, ability to multi-task and sense of humor.

Skills: Excellent Knowledge of Microsoft Words & Excel, excellent teaching skills, excellent communication skills, excellent time management and analytical abilities.

Prof Skills: Excellent Knowledge of Business Mathematics, Calculus, Numerical Methods, Discrete Mathematics, Mathematical Methods, Differential Equations, Partial Differential Equations, Differential Geometry, Linear Algebra, Complex Variables, Tensor Analysis, Fourier Analysis, Real Analysis, Fuzzy Logic and Fractional Calculus.

Education:

PhD (Applied Mathematics)	University of Balochistan, Quetta. Pakistan	2014
M.Phil (Applied Mathematics)	University of Balochistan, Quetta. Pakistan	2003
PG Diploma (Computer Science)	University of Balochistan, Quetta. Pakistan	1990
M.Sc (Mathematics)	University of Balochistan, Quetta. Pakistan	1984

Distinction:

First class 2nd position in MA/M.Sc Annual Examination (In All Departments of UOB) 1984.

Work/Teaching Experience:

- Lecturer**, Department of Mathematics,
University of Balochistan Quetta, Pakistan **23rd Apr 1986- 2nd June 2000**
- Assistant Prof:** Dept. of Mathematics,
University of Balochistan Quetta, Pakistan **3rd June 2000 – 16th June 2017**
- Associate Prof:** Dept. of Mathematics,
University of Balochistan Quetta, Pakistan **17th June 2017 – to date**

Visiting Faculty:

- I. University of IT and Management Sciences Quetta, Pakistan **2004 –2009**
- II. SBK Women University, Quetta Pakistan **2004 - 2010**
- III. Teaching Advanced Courses at M.Phil Level in
SKB Women University, Quetta Pakistan **2013- 2016**
- IV. Teaching Advanced Courses at M.Phil/Ph.D Level in
Mathematics Department UoB, Quetta **2014- to date**

Administration:

- I. **Chairperson** Department of Mathematics UoB Quetta. **May 2011 – to date**
- II. Student Advisor/ Incharge of all departmental affairs **1986 to May 2011**
- III. Initiated M.Phil./Ph.D. programs on Semester System
in the Department of Mathematics UoB Quetta **March 2014**

Academic Visit:

work as research visitor in the Department of Electronics, January **2010 to June 2010**
University of York, UK. Under International Research **Support Initiative** Program
of HEC Pakistan.

Research Supervision:

- I. **6** M.Phils. Scholars succesfully completed their research work under my supervision
- II. Currently seven M.Phils. and three PhDs scholars are enrolled under my supervision

Research Publications:

S.No	Title of Paper	Name of Journal	National/ International	Date of Publication
1.	Firm Competence Evaluation Framework Using AHP	Inter: Conference on Systems Thinking in Management Deakin Univ, Australia. PP.225-230	International.	Nov. 2000
2.	Design optimization using ANOVA”	Journal of Applied Statistics, , Rutledge, Taylor & Francis Gp. 2002,29(6): 895-906	International Data base: Master Journal List	2002
3.	An Express analysis of Local Network Catalog of Earthquake in the region Quetta, Pakistan.	Yanbu Journal of Engineering and Science. 3: 76-82	International www.yjes.org.sa	October 2011
4.	Nanoparticle effect over the boundary layer flow over an exponentially stretching cylinder.	Proc: of the Inst: of Mech: Engg:, Part N:Journal of Nano engineering and Nano system, 0(0): 1-6	International http://pin.sagepub.com/ indexed: Thomas and Router	Jan 2014
5.	Boundary Layer Flow and Heat Transfer of Micro polar Fluid over a Vertical Exponentially Stretched Cylinder	Applied and Computational Mathematics 4(6): 424-430	International http://www.sciencepublishinggroup.com/j/acm	Oct 2015
6.	How Fractional Charge on an Electron in the Momentum Space is quantized?	American Scientific Research Journal of Engineering Technology and science 2015,14(2): 265-272	International http://asrjetsjournal.org/	December 2015
7.	Quantum Mechanical Approach for Rutherford scattering and Nuclear Scattering with Born Approximation	World Journal of Nuclear Science and Technology, 2016, 6: 71-78	International http://www.scirp.org/journal/WJNST	January 2016
8.	An Aperiodic Stable Chaos with Lyapunov Exponents in Time Series	American Scientific Research Journal of Engg: Technology and science (ASRJETS) 2016, 15(1), 282-289	International http://asrjetsjournal.org	January 2016
9.	Eigen functions for a Quantum Wire on a Single Electron at its Surface and in the Quantum Well with Beaded Fractional Quantized States for the Fractional Charges	Journal of Applied Mathematics and Physics, Vol.4 No.2, PP:320-327	International http://www.scirp.org/journal/JAMP	February 2016
10.	Quantum Theory of Mesoscopic Fractional Electric Fields in a Cavity of Viscous Medium	World Journal of Condensed Matter Physics (WJCMP) Vol.6, No.1 PP: 39-44	International http://www.scirp.org/journal/wjcmp	24 th February 2016

11.	Quantum Mechanical Tunneling of Dislocations: Quantization and Depinning From Peierls Barrier	World Journal of Condensed Matter Physics (WJCMP) Vol.6, No.2 pp	International http://www.scirp.org/journal/wjcmp	17 th May2016
12.	Applications of Quantum Physics on Resistivity, Dielectricity, Giant Magneto resistance, Hall effect and Conductance	World Journal of Condensed Matter Physics (WJCMP) Vol. 6, No. 2 Pp: 95-102	International http://www.scirp.org/journal/wjcmp	17 th May2016
13.	Earthquake Statistics and Earthquake Research Studies in Pakista	Open Journal of Earthquake Research Vol.5, No.2 Pp: 97-104	International http://www.scirp.org/journal/ojar	18th May 2016
14.	Application of Electrodynamical Theory on Quantum Hall Effect	World Journal of Condensed Matter Physics (WJCMP) Vol. 6, No. 2 Pp:87-94	International http://www.scirp.org/journal/wjcmp	16 th May 2016
15.	Stagnation point flow of Eyring Powell fluid in a vertical cylinder with heat transfer	Journal of Power Technologies Vol. 96 No. 1 Pp: 57-62	International http://papers.itc.pw.edu.pl/index.php/JPT	March 2016
16.	Axisymmetric Stagnation Flow of a Micropolar Fluid in a Moving Cylinder: An Analytical Solution	Fluid Mechanics Vol. 2 No. 1 Pp: 1-7	International http://article.sciencepublishinggroup.com/html/10.11648.j.fm.20160201.11.html	Sep 2016
17.	Revisiting Gaussian Profile for Fourier Transform and using the FRFT for Wavelets	Journal of Science International journal Lahore, Pakistan. 28(6),5239-5244	National ISI: indexed http://www.scint.com	Dec 2016
18.	The Relationship of Generalized Fractional Hilbert Transform with Fractional Mellin and Fractional Laplace Transforms	American Scientific Research Journal of Engg: Technology and science (ASRJETS) 2017, 38(2), 90-97	International http://asrjetsjournal.org	Dec 2017
19.	MHD Boundary Layer Flow of Nanofluid over a Continuously Moving Stretching Surface	Applied and Computational Mathematics 46(6): 265-270	International http://www.sciencepublishinggroup.com/j/acm	Dec 2017
20.	Fractional Fourier Integral Theorem and Fractional Sine and Cosine transforms	Journal of Science International (LHR) 2012 24(1): 233-238	National ISI: indexed http://www.scint.com	2012
21.	The Feasibility of Intermediate-term middle-range Earthquakes Prediction by using Algorithms M8 for different threshold settings	Journal of Science International Lahore, Pakistan. 2008 , 20(1): 19-24	National ISI: indexed http://www.scint.com	2008

22.	An Analysis of Pakistan Local Network Catalog of Earthquakes for the Period of 1905-2007	Journal of Science International Lahore, Pakistan. 2011,23(1): 13-18	National ISI: indexed http://www.scint.com	2011
23.	Solution of first order stochastic differential equation by Fractional Fourier Transform	Research Journal of University of Balochistan, 2003,1(3):64-81	National	Feb: 2003
24.	e-Govt Initiative in the Uk Public Sector	Research Journal of University of Baloch: 2003,1(4):62-78	National	May 2003
25.	A Decision Support Framework for Identifying Firm Competence Using Analytic Hierarchy proces	Research Journal of University of Balochistan, 2003,1(3):54-63	National	Feb: 2003
26.	Facilitating learning through information systems in supply network	Research Journal of University of Balochistan, 2002,1(1) :63-74	National	May 2002

Seminars and workshops:

- I. Resource Person in Service Training course in Mathematics held from November 22-27,2004 organized by Higher Education Commission, Pakistan.
- II. Resource Person in Service University Teachers Training course in Mathematics for Preparation for GRE held at University of Balochistan, Quetta August 2007.
- III. Participated in Guides and Resources work shop-1 “Implementation of Standards based Education in Pakistan” held at National Library, Islamabad, July 7-18, 2008. (Grade I-V) organized by EDLINKS funded by USAID
- IV. Participated in Guides and Resources work shop-2 “Implementation of Standards based Education in Pakistan” held at National Library, Islamabad, August 4-13, 2008. (Grade VI-XII) organized by EDLINKS funded by USAID
- V. Attended the workshop on “Research Methodology” held at University of Balochistan,Quetta, Pakistan Nov 5-10 2007 organized by Higher Education Commission, Pakistan
- VI. Participated in Workshop on “Course Planning And Management” April 16-20,1989
- VII. International Conference on Global Change (Joint AS-ICTP and NCP Activity). November 13-17,2006. National Center for Physics at Islamabad
- VIII. Text Books Reviewer for Balochistan Text Book Board for Grade I-XII since 2005 To date

Memberships:

- I. Member of Board of Studies of Mathematics University of Balochistan Quetta Pakistan

- II. Member of Board of Studies in Mathematics SBKW University Quetta Pakistan
- III. Member of Board of Studies in Mathematics BUITMS University Quetta Pakistan
- IV. Conducted Federal Public Service Commission Interviews of Candidates for the Posts of Lecturer, Assistant Professors.