Khawaja Tariq Mahmood

PERSONAL PROFILE

Name: Khawaja Tariq Mahmood
Father Name: Khawaja Abdul Aziz
Home Address: House # 512 BIV/538 Makki Street near Hajji Choke Muslim Town Rawalpindi.
Mobile: 0321-7741667
Nationality: Pakistan
Date of birth: 10-03-1966
NIC: 34402-4992470-1
E-mail: tariq512@yahoo.com

CAREER OBJECTIVES

To pursue a progressive career in a dynamic organization which provides opportunities for both professional and personal growth and develop skills to expand the organization's performance?

ACADEMIC INFORMATION

Degree:	M.Phil (Mathematics) 83% 3.1 GPA
Institute:	Preston University Islamabad.
Duration:	2011 – 2014

Degree:	MSC (Mathematics) 93% 3.9 GPA
Institute:	Preston University Islamabad.
Duration:	2006 – 2008

Degree:	B.Cs (Computer Science) 68% 1st Division
Institute:	Allama Iqbal Open University Islamabad.
Duration:	2003 – 2006

Degree:	F.Sc (Pre-Eng) 45% 2nd Division
Institute:	Govt Zamindar Degree College Gujrat.
Duration:	1985

Degree:	Matriculation (Science) 54% 2nd Division
Institute:	Govt High School Mandi Bahauddin.
Duration:	1981

WORKING EXPERIENCE

UNIVERSITY LEVEL EXPERIENCE

Institute:	**International Islamic University (IIU) Islamabad.**
Job Title:	**Lecturer (Adhoc)** **(Department of Mathematics)**
Duration:	**Fall 2014 - To date**
Responsibilities: Teaching	- Introduction to Linear Algebra. - Calculus with Analytical Geometry. - Multivariable Calculus. - Differential Equation. - Numerical Computing. - Introduction to Use of Computer.

Institute:	**Grafton College, Islamabad.**
Job Title:	**Lecturer (Visiting)** **(Department of Computer Science)**
Duration:	**Fall 2015 - To date**
Responsibilities: Teaching	- Calculus with Analytical Geometry. - Differential Equation. - Probability and state.

Institute:	**International Islamic University (IIU) Islamabad.**
Job Title:	**Visiting For Mathematics:** **(Department of Computer Science)**
Duration:	**Fall 2008 - To Spring 2014**
Responsibilities: Teaching	- Linear Algebra - Differential Equation. - Calculus with Analytical Geometry. - Probability and Statics. - Multivariable Calculus. - Computational Mathematics.

Institute:	**Grafton College Islamabad.** **(Affiliated with Numl University Islamabad)**
Job Title:	**Visiting For Mathematics:** **(Department of Computer Science)**
Duration:	**Fall 2013 - To Fall 2014**
Responsibilities: Teaching	- Calculus-1. - Multivariable Calculus. - Linear Algebra. - Discrete Structure-1

Institute:	**International Islamic University (IIU) Islamabad.**
Job Title:	**Visiting For Mathematics:(Department of Managements Science)**
Duration:	**Fall 2008 – Fall 2013**
Responsibilities: Teaching	- Mathematics & Stat for Business. - Quantitative Method. - Statistical Inference.

Institute:	**Grafton College Islamabad.**
Job Title:	**Visiting For Mathematics:(Department of Managements Science)**
Duration:	**Fall 2013**
Responsibilities: Teaching	Business Mathematics.

Institute:	University of Gujrat. (Govt Gordon College Rawalpindi)
Job Title:	Visiting For Mathematics: (Department of Mathematics)
Duration:	September 2012 – May 2013
Responsibilities: Teaching	- Calculus-1. - Differential Equations. - Differential Geometry. - Mathematical Statistics. - Numerical Analysis.

Institute:	Baluchistan University. (O.P.F. Girls College F-8/2 Islamabad)
Job Title:	Visiting For Mathematics: (Department of Computer Science)
Duration:	Fall 2008 - Spring 2010.
Responsibilities: Teaching	- Differential Equation. - Discrete Mathematics.

Institute:	Allama Iqbal Open University Islamabad. (Jinnah College of commerce & IT Mandi Bahauddin.)
Job Title:	Visiting For Mathematics: (Department of Computer Science)
Duration:	May 2005 - June 2006.
Responsibilities: Teaching	Calculus.

COLLEGE LEVEL EXPERIENCE

Institute:	Govt Gordon College Rawalpindi.
Job Title:	National Internship Program.
Duration:	January 2009 – December 2010.
Responsibilities: Teaching	- Mathematics B.Sc Classes. - Mathematics F.Sc Classes.

Institute:	Civil College of commerce Siddique Choke Rawalpindi.
Job Title:	Visiting For Mathematics & Computer Science:
Duration:	August 2007 – May 2010.
Responsibilities: Teaching	- Mathematics B.Com Classes. - Computer Science B.Com Classes. - Mathematics F.Sc Classes. - Computer Science F.Sc Classes.

Institute:	O.P.F. Girls College Hostel F-8/2 Islamabad.
Job Title:	Visiting For Mathematics & Computer Science:
Duration:	September 2006 - March 2009.
Responsibilities: Teaching	- Mathematics A-Level Classes. - Mathematics O-Level Classes. - Computer Science O-Level Classes. - Mathematics F.Sc Classes. - Computer Science F.Sc Classes.

Institute:	Jinnah Islamia College of commerce Rahmanabad Rawalpindi.
Job Title:	Visiting For Mathematics & Computer Science:
Duration:	September 2006 – March 2009.
Responsibilities: Teaching	• Mathematics B.Com Classes. • Computer Science B.Com Classes. • Mathematics F.Sc Classes. • Computer Science F.Sc Classes.

Institute:	Jinnah College of commerce & IT Mandi Bahauddin.
Job Title:	Visiting For Mathematics & Computer Science:
Duration:	May 2003 – June 2006.
Responsibilities: Teaching	• Mathematics B.Com Classes. • Computer Science B.Com Classes. • Mathematics F.Sc Classes. • Computer Science F.Sc Classes.

ENTRY TEST LEVEL EXPERIENCE

Institute:	Ken Academy G-9/3 Islamabad.
Job Title:	Visiting For Mathematics.
Duration:	September 2007 – July 2012
Responsibilities: Teaching	• Entry Test Classes.

Institute:	Asas Academy Islamabad.
Job Title:	Visiting For Mathematics.
Duration:	June 2012 – July 2012
Responsibilities: Teaching	• Entry Test Class.

Institute:	The City School Capital Campus Islamabad.
Job Title:	Visiting For Mathematics.
Duration:	June 2010 – July 2013.
Responsibilities: Teaching	• Entry Test Class.

Institute:	The Pies College G-7 Stara Market Islamabad.
Job Title:	Visiting For Mathematics.
Duration:	June 2011 – July 2011.
Responsibilities: Teaching	• Entry Test Class.

SCHOOL LEVEL EXPERIENCE

Institute:	Gulshan High School Lahore and Mandi Bahauddin.
Job Title:	Administrator and Teaching.
Duration:	April 1987 – March 1995 in Lahore and April 1995 - October 2006 in Mandi Bahauddin.
Responsibilities:	• Taught Mathematics Middle Classes. • Taught Mathematics S.S.C. classes. • Taught Computer S.S.C. Classes. • Taught Science Middle Classes.

Institute:	Little Flower High School Samna bad Lahore.
Job Title:	Senior Science Teacher.
Duration:	September 1986 – March 1987.
Responsibilities: Teaching	- Mathematics S.S.C Classes. - Physics S.S.C Classes.

ADMINISTRATOR LEVEL EXPERIENCE

Institute:	Gulshan High School Lahore and Mandi Bahauddin.
Job Title:	Administrator.
Duration:	April 1987 – March 1995 in Lahore and April 1995 - October 2006 in Mandi Bahauddin.
Responsibilities:	- To look after administrative control of the school, to maintain discipline as well as academic throughout the period. - Designing course of all classes. - Arrangement of seminars & student functions in school. - To handle all student affairs & public relation affairs of the school.

RESEARCH PUBLICATION

Sr. No.	Topic	Field	Journal	Year of Publication
1	Solution of Painleveˈ Equation-I by Ramp input of a State space Model.	Mathematics	Science int	2013
2	Design of Bio-Inspired Computing Technique for Nanofluidics based on 1 Nonlinear Jeffery-Hamel Flow Equations	Physics	Canadian Journal of Physics	2015