

## **Muhammad Riaz**

Assistant Professor

Department of Mathematics University of the Punjab Lahore



<b><u>Personal Data</u></b>	
Date of Birth	August 19, 1971
Father's Name	Muhammad Haneef
NIC Number	35201-1261194-5
Contact Number	(Off.) 042-99231241 Ext. 117 (Fax.) 92-42-99230324 (Cell.) 0300-4012299
E-mail #	<a href="mailto:mriaz.math@pu.edu.pk">mriaz.math@pu.edu.pk</a> ; <a href="mailto:pr_mriaz@yahoo.com">pr_mriaz@yahoo.com</a>
Nationality	Pakistani
Birth Place	Lahore, Pakistan
Languages	English, Urdu, Punjabi
Religion	Islam
Marital Status	Married
Permanent Address	342-R Block, Model Town Ext. Lahore
Office Address	Department of Mathematics University of the Punjab Lahore

<b><u>Present Position</u></b>	
	Assistant Professor (BS-19) Department of Mathematics University of the Punjab, Lahore
Joining at Present Post	13-07-2004

### **Present Assignments**

<ul style="list-style-type: none"><li>• Teaching classes of M.Sc. Mathematics, B.S. Mathematics.</li></ul>
<ul style="list-style-type: none"><li>• Faculty Member Department of Mathematics Punjab University, Lahore.</li></ul>
<ul style="list-style-type: none"><li>• Coordinator Departmental Time Table (2004-onwards)</li></ul>
<ul style="list-style-type: none"><li>• Member Departmental Admission committee.</li></ul>

<b><u>Field of Interest</u></b>	
	<ul style="list-style-type: none"> <li>• <b>Algebra</b></li> <li>• <b>Number Theory</b></li> <li>• <b>Topology and Functional Analysis</b></li> <li>• <b>Methods of Mathematical Physics</b></li> <li>• <b>Graph Theory</b></li> </ul>

### **Qualification**

<b>Degree</b>	<b>Session</b>	<b>Institution(s)</b>	<b>Subject(s)</b>
Ph.D.	(Continued)	Punjab University Lahore	Mathematics
M. Phil	1996-1998	Punjab University Lahore	Mathematics
M. Sc.	1993-1995	Punjab University Lahore	Mathematics
B.Sc.	1989-1991	Govt. Islamia College Civil Lines Lahore	Math A & B Statistics
F.Sc.	1987-1989	Govt. Islamia College Civil Lines Lahore	Math. Eco. Edu.
Matric	1985-1987	Muslim Model H/S Lahore.	Science

### **Teaching Experience** 14 years. (August 23, 1997 - onwards)

	<ul style="list-style-type: none"> <li>• <b>Seven years</b> teaching experience as lecturer in Mathematics in the Department of Education (Colleges) Punjab Government as permanent employ in BPS. 17</li> </ul>
(1)	Govt. Degree College Pindi Bhattian (August 23, 1997 to July 10, 1998)
(2)	Govt. Degree College Kamokee (July 11, 1998 to November 11, 1998)
(3)	Govt. College of Science Wahdat Road Lahore (November 13, 1998 to July 12, 2004)
	<ul style="list-style-type: none"> <li>• <b>Seven year</b> Teaching experience as Assistant Professor Department of Mathematics University of the Punjab, Lahore. (BPS 19)</li> </ul>

### **Administrative Experience**

- In charge Computer Short courses and computer center, Department of Mathematics University of the Punjab Lahore. (2004-2007)
- Member Departmental purchase committee. (2004- 2007)
- Coordinator 4 year BS. Mathematics Programme (2004- 2007)
- Students Advisor (2009-2010)
- Member Board of studies in Mathematics Department of Mathematics University of the Punjab Lahore. (2009- onwards)
- Coordinator Departmental Time Table (2004- onwards)
- Member Departmental Admission committee (2004- onwards)

### **Research Experience**

- **Ph.D. Thesis: (continued)** on Topic: **Certain Quadratic Fields under the Action of two Generator Groups** under the supervision of **Dr. Muhammad Aslam Malik** Associate Prof. Department of Mathematics, University of the Punjab, Lahore. (2006-onwards)
- **M.Phil. Thesis:** on Topic: **Bounded Linear Operators and Fourier Transform Theory** Supervised by **Dr. G. M. Habibullah** (1996-1998)

### **Publications**

- M. Aslam Malik, M. Riaz, G-subsets G-orbits of an Invariant subset  $Q^*(\sqrt{k^2 m})$  of  $Q(\sqrt{m})$  under the action of the Modular Group  $PSL(2, Z)$  Punjab University Journal of Mathematics, Vol. 43, 2011, 75-84.
- M. Aslam Malik, M. Riaz, Orbits of  $Q^*(\sqrt{k^2 m})$  under the action of the Modular Group (Submitted)

### **Research Supervision**

- B.Sc. (Hons) Project “Applications of the Normed Linear Spaces” (Accepted).
- B.Sc. (Hons) Project “Applications of Graph Theory” (Accepted).

### Workshops/ Conferences/ Seminars.

- Presented Papers/ Research work on “**The Modular Group Action on Real Quadratic Field**” in the Seminar Series Department of Mathematics (2008, 2009, and 2010).
- **General Relativity and Gravitation** held at Department of Mathematics, University of the Punjab on 11-13 February 2010.
- (Oct 10-11, 2008) Lecture Series on **Black Hole** Department of Mathematics Punjab University (April 06, 2006)
- Symposium on **Relativity** Department of Mathematics Punjab University, Lahore
- One week workshop/Refresher course on Algebraic Topology at School of Mathematics G.C.U. Lahore (December 20,2004 to December 26, 2004)
- Workshop on **Computational Mathematics and Related Topics** held at Institute of Information Technology, COMSATS Islamabad. 29<sup>th</sup> and 30<sup>th</sup> July 2002.
- (June 2003) Ten days **Teachers training course**, Govt. College of Science Lahore.
- Four days, All Pakistan Mathematical conference at Govt. College Faisalabad (November 1996)

### References

	<b>Dr. M. Aslam Malik</b> Department of Mathematics, University of the Punjab, Lahore
	<b>Prof. Dr. G. M. Habibullah</b> Ex- Chairman Department of Mathematics Punjab University, Lahore Ex- V.C. Education University, Lahore.
	<b>Prof. Dr. Shahid S. Siddiqi</b> Department of Mathematicics, University of the Punjab, Lahore
	<b>Prof. Dr. Bashir Sadiq</b> Ex- Chairman Department of Mathematics, UET, Lahore.