



UNIVERSITY OF THE PUNJAB



PERSONAL RECORD			
Name:	Dr. Muhammad Aslam Malik	CNIC:	35201-5223314-9
Father's Name:	Muhammad Ramzan	D.O.B:	01/04/1967
Religion:	Islam	Gender:	Male
Cell No.:	0321-4753414	Office No.:	042-99231241 Ext: 105
Email:	aslam.math@pu.edu.pk	Nationality:	Pakistani
Province:	Punjab	District:	Okara
Marital Status:	Married	Domicile:	Okara
Permanent Address:	Street # 1, Mian Colony, Mughalpur, Lalpul, Lahore, Cantt., Lahore-Pakistan.		
Postal Address:	Street # 1, Mian Colony, Mughalpur, Lalpul, Lahore, Cantt., Lahore-Pakistan.		
Govt Employee:	Associate Professor of Mathematics		
Employer Name:	Department of Mathematics, University of the Punjab, Lahore, Pakistan		
Nature of Service:	Regular		

1. ACADEMIC QUALIFICATION:

Degree Level/ Title	Board/University	Subjects
Matric	BISE Multan.	Science
F.Sc.	BISE Lahore.	Pre-Engineering
B.Sc.	Bahauddin Zakariya University, Multan, Pakistan.	Math - A, Math- B, Physics
B.Ed.	University of the Punjab, Lahore.	Math, Physics
M.Sc.	Centre For Advanced Studies in Pure and Applied Mathematics, Bahauddin Zakariya University Multan, Multan- Pakistan.	Mathematics
M.Ed.	University of the Punjab, Lahore.	Secondary Education
M.Phil.	University of the Punjab, Lahore.	Mathematics
Ph.D.	University of the Punjab, Lahore.	Mathematics
Post Doctorate	University of Birmingham, UK	Pure Mathematics

2. RESEARCH WORK AT POST GRADUATE LEVEL AND AFTER POST GRADUATE LEVEL					
Title	Duration	Nature of Research	Specialization	Institution	Supervisor
Modular Group Action on Certain Quadratic Fields	Three years	MPhil in Mathematics	Algebraic Number Theory	Department of Mathematics University of the Punjab	Prof Dr Abdul Majeed and Professor Dr SM Husnine
Group Actions on Fields	Five years	PhD	Algebra	Department of Mathematics, University of the Punjab, Lahore, Pakistan	Prof Dr Abdul Majeed and Professor Dr SM Husnine
Symmetric Generation of Rudvalis Group (one of the Sporadic Simple Groups)	One Year	Post Doctorate	Combinatorial Algebra	School of Mathematics, University of Birmingham,	Prof. Dr. Robert Turner Curtis
Evaluation of discipline in Government and Private Schools	One year	MEd Secondary Education	Secondary Education	Institute of Education and Research, University of the Punjab Lahore	Rana Abdul Latif and Prof Dr Mushtaq ur Rehman Siddiqui

3. SERVICE / EMPLOYMENT RECORD					
Job Type/ Nature	Job Title	Post/Pre Ph.D. Scale	Organization	From Date	To Date
Govt. Permanent	Associate Professor	Post Ph.D./ Post Postdoctorate. BPS-20	University of the Punjab, Lahore-Pakistan	08/11/2007	To Date
<ul style="list-style-type: none"> ▪ Job Description: Taught mathematics from BS to Ph D classes. Research supervision to M Phil. and PhD Scholars. Administrative experience as Acting Chairman and Students Advisor of Department of Mathematics, University of the Punjab Lahore. Coordinator of BS, M.Sc, M. Phil and PhD programs in Mathematics Department, In charge Departmental Seminar Series ▪ in charge Library Department of Mathematics ▪ Member, Board of Science Faculty, University of the Punjab, Lahore, ▪ Associate Editor, Punjab University Journal of Mathematics, Lahore. 					
Government Permanent	Assistant Professor	Post Ph.D. BPS 19	Government College University Lahore-Pakistan.	16/08/2002	07/11/2007
Job Description: Taught mathematics from BSc to MPhil classes. Research supervision to MSc students and M Phil Scholars. Administrative experience as Student's advisor of Maths department of G.C. University Lahore. Member Board of Studies in Mathematics and Member Academic Council in GC University, Lahore.					
Govt. Permanent	Lecturer in Mathematics	Pre Ph.D. BPS 17	Government Post-Graduate College Sahiwal-Pakistan	06/04/1999	15/08/2002
Job Description: Taught mathematics to post-graduate classes, i.e., MSc Mathematics Students.					

4. PUBLICATIONS / BOOKS / PATENTS								
Type / Title	Name of Journal	ISSN No.	Year of Publication	Vol. # Page#	Impact Factor/ HEC Category	Author No.	Corresponding Author	Supervised
Publication Modular Group Action on Certain Quadratic Fields.	Punjab University Journal of Mathematics	1016-2526	1995	Pg. 47-68 Vol. 28	0 X	First	Yes	No
Publication On Invariant subsets of certain Quadratic Fields under Modular Group Action,	Punjab University Journal of Mathematics	1016-2526	1996	Pg. 20-26 Vol. 29	0 X	First	Yes	No

Publication The orbits of $Q^*(\sqrt{p})$, $p = 2$ or $p \equiv 1 \pmod{4}$ under the action of the Modular Group,	Punjab University Journal of Mathematics	1016-2526	2000	Pg. 37-50 Vol. 33	0 X	First	Yes	No
Publication The orbits of $Q^*(\sqrt{p})$, $p \equiv 3$ (mod 4) under the action of the Modular Group,	Punjab University Journal of Mathematics	1016-2526	2004	Pg. 1-14 Vol. 36	0 X	First	Yes	No
Publication Action of the group $M = x, y,$ $x^2 = y^6 = 1$ on certain real quadratic fields.	Punjab University Journal of Mathematics	1016-2526	2004	Pg. 71- 88 Vol. 36	0 X	First	Yes	No
Publication Properties of real quadratic irrational numbers under the action of the group $H = x, y : x^2$ $= y^4 = 1$	Studia Scientiarum Mathematicarum Hungarica	0081-6906	2005	Pg. 371-386 Vol. 42(4)	0.254 W	First	Yes	No
Publication On Ambiguous Numbers of an Invariant subset $Q^*(\sqrt{k^2m})$ of $Q(\sqrt{m})$ under the Action of the Modular Group PSL.	Studia Scientiarum Mathematicarum Hungarica	0081-6906	2005	Pg. 401 - 412 Vol. 42(4)	0.254 W	Second	Yes	No
Publication Intransitive action of the Modular group $PSL(2, Z)$ on a subset $Q^*(\sqrt{k^2m})$ of $Q(\sqrt{m})$.	Punjab University Journal of Mathematics	1016-2526	2005	Pg. 31-38 Vol. 37	0 X	First	Yes	No
Publication Symmetric Generation of the Rudvalis Group	Journal of London Mathematical Society	0024-6107	2010	Pg. 643-662 Vol. (2) 82,	0.828 W	Third	No	No
Publication G-subsets and G- orbits of $Q^*(\sqrt{n})$ under the action of the Modular Group,	Punjab University Journal of Mathematics	1016-2526	2011	Pg. 75-84 Vol. 43	0 X	First	Yes	Yes
Publication Invariant subsets of $PLQ(\sqrt{m})$ under the action of $M = x, y : x^2 = y^6 = 1$	Pakistan Journal of Science	0030-9877	2012	Pg. 247-257 Vol. 64 No. 3	0 Y	First	Yes	Yes

Publication Orbits of $Q^*(\sqrt{k^2m})$ under the action of the Modular Group $PSL(2, Z)$	U. P. B. Sci. Bull, Series A	1223-7027	2012	Pg. 109-116 Vol. 74 (4)	0.268 W	First	No	Yes
Publication Action of the Mobious Group on Certain Real Quadratic Fields	Punjab University Journal of Mathematics	1016-2526	2012	Pg. 31-37 Vol. 44	0 X	First	Yes	No
Publication Certain H-subsets of $Q(\sqrt{m}) \setminus Q$ under the action of	Pakistan Journal of Science	0030-9877	2012	Pg. 67-74 Vol. 64(1)	0 Y	First	Yes	Yes
Publication Intuitionistic fuzzy BCI- commutative ideals in BCI- algebras	Pakistan Journal of Science	0030-9877	2012	Pg. 353-358 Vol. 64(4)	0 Y	First	Yes	Yes
Publication On Simple Graphs Arising From Exponential Congruences,	Journal of Applied Mathematics	1110-757X	2012	Pg. 1-10 Vol. 2012	0.834 W	First	No	Yes
Publication G-subsets of an Invariant subset $Q^*(\sqrt{k^2m})$ of $Q(\sqrt{m}) \setminus Q$ under the Modular Group action.	Utilitas Mathematica	0315-3681.	2013	Pg. 377-387. Vol. 91	0.316 W	First	Yes	Yes
Publication Fuzzy hyper p-ideas of hyper BCK-algebras	Filomat	0354-5180	2015	Pg. 1769-1780 Vol. 29(8)	0.603 W	First	No	Yes
Publication Operations on single valued neutrosophic graphs with application	Journal of Intelligent & Fuzzy Systems	JIFS-161944	2017	Pg. 2137-2151 Vol. 32 (3),	1.42 W	Third	No	Yes
Publication Regularity of graphs in single valued neutrosophic environment	Journal of Intelligent & Fuzzy Systems	JIFS-161960	2017	Pg. 529-542 Vol. 33	1.42 W	Fourth	No	Yes
Publication Hypergraphs and Transversals of Hypergraphs in Interval- valued Intuitionistic Fuzzy Setting	J. of Mult.- Valued Logic & Soft Computing,	1542-3980	2018	Pg. 399-417 Vol. 30(4-6)	0.613 W	Second	No	Yes
Publication Reformulated Zagreb Indices of Some Derived Graphs	Mathematics	2227-7390	2019	Pg. 1-14 Vol. 7(4)	1.105 W	Third	No	Yes

Publication On the Minimal General Sum-Connectivity Index of Connected Graphs Without Pendant Vertices	IEEE Access	2169-3536	2019	Pg. 136743-136751 Vol. 7	4.098 W	Fifth	No	No
Publication Real Quadratic Irrational Numbers and Modular group Action,	Southeast Asian bulletin of Mathematics	0129-2021	2011	Pg. 439-445 Vol. 35(3)	0 ISI Journal	First	Yes	Yes
Publication Some results on fuzzy hyper BCK-ideals of hyper BCK-algebras	Indian Journal of Science and Technology	0974-5645	2015	Pg. 10-15 Vol. 8(S3)	0 ISI Journal	First	Yes	Yes
Publication Soft h-ideals of soft BCI-algebras	Indian Journal of Science and Technology	0974-5645	2015	Pg. 16-23 Vol. 8(53)	0 ISI Journal	First	Yes	Yes
Publication On the metric dimension of two families of convex polytopes	Afrika Matematika	13370-015-0336 -5	2015	Pg. 229-238 Vol. 27	0 ISI Journal	First	Yes	Yes
Publication Regular bipolar single valued neutrosophic hyper graphs	Neutrosophic sets and systems	2331-6055 E-ISSN: 2331-608X	2016	Pg. 84-89 Vol. 13	0 ISI Journal	First	No	Yes
Publication Regular single valued neutrosophic hyper raphs	Neutrosophic sets and systems	2331-6055 E-ISSN: 2331-608X	2016	Pg. 18-23 Vol. 13	0 ISI Journal	First	No	Yes
Publication Regular and totally regular interval valued neutrosophic hyper graphs	Critical Review	0891-3811 E-ISSN: 1933-8007	2016	Pg. 5-18 Vol. 8	0 ISI Journal	Second	No	Yes
Publication Isomorphism's of singlevalued neutrosophic hyper graphs	Critical Review	0891-3811 E-ISSN: 1933-8007	2016	Pg. 19-40 Vol. 8	0 ISI Journal	First	No	No
Publication Isomorphism's of interval valued eutrosophic hyper graphs	Critical Review	0891-3811 E-ISSN: 1933-8007	2016	Pg. 41-66 Vol. 8	0 ISI Journal	First	No	No
Publication Single valued neutrosophic trees	TWMS Journal of Applied and Engineering Mathematics	2146-1147	2018	Pg. 255-266 Vol. 8(1)	0 ISI Journal	Second	No	No
Publication Single valued neutrosophic line graphs	TWMS Journal of Applied and Engineering Mathematics	2146-1147	2018	Pg. 483-494 Vol. .8(2)	0 ISI Journal	Second	No	Yes

Publication Reduced Quadratic Irrational Numbers and Types of G-circuits with Length Four by Modular Group	Indian Journal of Science and Technology	0974-5645	2018	Pg. 1-7 Vol. 11(30)	0 ISI Journal	First	Yes	Yes
Publication Classification of Types of PSL(2,Z)-circuits having Length six	Indian Journal of Science and Technology	0974-6846 0974-5645	2018	Pg. 1-18 Vol. 11(42)	0 ISI Journal	Second	No	Yes
Publication Gutman Index of Some Derived Graphs .	Advances and Applications in Discrete Mathematics	0976-1658	2019	Pg. 165-184 Vol. 20(1)	0 ISI Journal	Third	No	Yes
Publication Special types of single valued neutrosophic graphs	TWMS Journal of Applied and Engineering Mathematics	2146-1147	2019	Pg. 341-352 Vol. 8(2)	0 ISI Journal	Second	No	Yes
Publication Finite GS-quasigroups	Quasigroups and Related Systems	1561-2848	2010	Pg. 1-6. Vol. 28	0 ISI Journal	Second	No	No
Publication Some Invariant subsets of $SQ^*(\sqrt{n})$ under the action of PSL(2, Z),	International Mathematical Forum	1312-7594	2011	Pg. 1557-1565, Vol. 6 (32)	0 None	First	No	No
Publication Intuitionistic fuzzy BCI- implicative ideals in BCI- algebras	International Mathematical Forum	1312-7594	2011	Pg. 2317-2334 Vol. 6(47)	0 None	Second	No	Yes
Publication Some Results on Intuitionistic fuzzy BCI- positive implicative ideals in BCI-algebras	International Mathematical Forum	1312-7594	2011	Pg. 2335-2347 Vol. 6(47)	0 None	Second	No	Yes
Publication The graph $\gamma_{(2n-1)}$ is an induced subgraph of a Johnson Graph	International Contemporar y Mathematical	1312-7586	2012	Pg. 369-376 Vol. 7 (8),	0 None	First	No	Yes
Publication Some Results on Induced Sub graphs of Johnson Graphs	International Mathematical forum	1312-7594	2012	Pg. 445-454 Vol. 7 (9)	0 None	First	No	Yes
Publication An Account of Congruences Mod Pk Using Halley's Method	World Applied Sciences Journal	1818-4952	2012	Pg. 1626-1630 Vol. 16(11)	0 None	Second	No	No
Publication A Classification of the Real Quadratic Irrational Numbers of w. r.t Modulo	International Mathematical Forum	1312-7594	2012	Pg. 1915-1924 Vol. 7(39)	0 None	Second	No	Yes

Publication Action of G and Mon $Q(\sqrt{m})$ and Algorithmic Implementation for Group Actions,	Journal of Hyper Structures	22518436	2012	Pg. 41-51 Vol. .1(1)	0 None	Third	No	Yes
Publication Modular group action on quadratic field by linear congruence	Nov Sad J Math	1450-5444	2012	Pg. 133-143 Vol. 42(2)	0 None	Third	No	No
Publication $Q(\sqrt{m}) \setminus Q$ under the action of $\text{SPSL}(2, Z)$ $\bigcap \{x, y: x^2=y^6=1\}$,	Research Journal of Applied Sciences, Engineering and Technology.	2040-7467	2013	Pg. 1916-1922 Vol. 5(6)	0 None	First	No	Yes
Publication Quadratic Irrationals under the action of subgroups of hecke group	Journal of basic and applied scientific research	2090-4304	2013	Pg. 115-122, Vol. 3(2)	0 None	First	No	Yes
Publication On orbits of under the action of hecke group	Middle-East Journal of Scientific Research	1990-9233	2013	Pg. 1641-1650 Vol. 15(12)	0 None	First	No	Yes
Publication Quadratic fields under the action of subgroups of M,	International journal of modeling and	2010-3697	2013	Pg. 283-287 Vol. 3(3)	0 None	Third	No	No
Publication On subsets of under the action of Hecke groups	.Applied Mathemati cs	2152-7393	2014	Pg. 1284-1291 Vol. 5	0 None	First	No	Yes
Publication Soft BCI-commutative ideals of soft BCI- algebras	World Applied Sciences Journal	1818-4952	2014	Pg. 1996-2004 Vol. 32 (9)	0 None	First	No	Yes
Publication Soft BCI-positive implicative ideals of soft BCI-algebras	Scientiae Mathematicae Japonicae online	1346-0862	2015	Pg. 57-78 Vol. 28	0 None	First	No	Yes
Publication Fuzzy hyper BCK-implicative ideals of hyperBCK-algebras	Scientiae Mathematicae Japonicae online	1346-0862	2015	Pg. 01-12 Vol. 28	0 None	First	No	Yes
Publication On some properties of Soft μ -ideals	Journal of Applied Mathematics and	2234-8417	2015	Pg. 671-686 Vol. 33(5)	0 None	Second	No	Yes
Publication Certain types of the orbits of real quadratic fields by hecke groups	Mathematical Sciences Letters	2090-9624	2016	Pg. 93-97 Vol. 5(1)	0 None	Second	No	Yes
Publication Special types of bipolar neutrosophic graphs	Annals of Fuzzy Mathematics and	2093-9310/ 2287-6235	2017	Pg. 55-73 Vol. 14(1)	0 None	Second	No	Yes

Publication Bipolar fuzzy graphs based on the product operator	TWMS Journal of Applied and Engineering	1312-7586			0 None	First	No	Yes
Publication The classes of bipolar single valued neutrosophic graphs	TWMS Journal of Applied and Engineering	1312-7586			0 None	First	No	Yes
Publication Some properties of single valued neutrosophic graph with application in decision making	International Journal of Advanced				0 None	First	No	Yes
Book General Mathematics	Ali Brotheran, Urdu Bazar Lahore	F.i.23/2010 Math	05/01/2011	Pg. Vol. First		First		

5. PH.D THESIS EVALUATED

Evaluated Person	Evaluator Name	Designation of Evaluator	Institution of Evaluator	Designation and Place of Evaluated Person
Shahid Mubeen	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Lecturer in Maths, National College of Business Administration & Economics Lahore-Pakistan
Shahzad Ahmad	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Assistant Prof, National University of Computer and Emerging Sciences Lahoe Campus-Pakistan
Abdul Hameed	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Brigadier, National University of Computer and Emerging Sciences Lahoe Campus-Pakistan
Nadia Khan	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Lecturer in Maths, National University of Computer and Emerging Sciences Lahoe Campus-Pakistan
Mr. Muhammad Riaz	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Assistant Professor, Department of Mathematics, University of the Punjab, Lahore-Pakistan
Mr. Hafiz Asim Zafar	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Assistant Professor in Maths, Comsats University Islamabad Vehari Campus, Vehari- Pakistan
Mr. Muhammad Touqeer	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Assistant Prof. Department of Mathematics, University of the Punjab,
Mr. Arbab Abdul Sattar	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Assistant Prof., Deptt of Maths , Balochistan University-Pakistan
Miss Sumera Naz	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Assistant Prof., GC University for Women Faisal Abad-Pakistan
Mr. Sajjad Ali	Dr Muhamaad Aslam Malik	Associate Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Assistant Prof Govt College Model Town, Lahore-Pakistan
Muhamaad Aslam Malik	Dr. Abdul Majeed	Professor of Mathematics	Department of Mathematics University of the Punjab Lahore-Pakistan	Associate Professor, Department of Mathematics University of the Punjab Lahore-Pakistan
Muhamaad Aslam Malik	Dr S M Husnine	Professor of Mathematics	Department of Mathematics National University of Computer and Emerging Sciences Faisal Town Lahore	Associate Professor, Department of Mathematics University of the Punjab
Muhamaad Aslam Malik	Dr . Vlastimil Dlab, F.R.S.C	Professor Emeritus and Distinguished Research Professor	School of Mathematics and Statistics Carleton University, Ottawa, Ontario K1S-5B6, CANADA	Associate Professor, Department of Mathematics University of the Punjab

Muhamaad Aslam Malik	Dr John Cossey	Professor of Mathematics	Department of Mathematics, Mathematical Sciences Institute, The John Dedman Mathematical Sciences Building Australian National University, AUSTRALIA	Associate Professor, Department of Mathematics University of the Punjab
Muhamaad Aslam Malik	Dr John Cannon	Professor of Computational Algebra	School of Mathematics and Statistics , The University,of Sydney NSW 2006, AUSTRALIA	Associate Professor Department of Mathematics University of the Punjab

6. PH.D / M.PHIL/ MS PRODUCED				
Degree	Session	Status	Capacity	Name of Student: Title of Research
Ph.D	2008-2013	Completed	First Supervisor	Mr. Muhammad Riaz: Quadratic Fields Under the Action of two Generator Groups
Ph.D	2010-2014	Completed	First Supervisor	Mr. Hafiz Asim Zafar: The Action of Hecke Groups on Real and Imaginary Quadratic Fields
Ph.D	2011-2015	Completed	First Supervisor	Mr. Muhammad Toquer: Applications of hyperstructures and soft sets in ideal theory of BCK/BCI-algebras
Ph.D	2012-2016	Completed	First Supervisor	Mr. Arbab Abdul Sattar: On Automata Trees and Groups
Ph.D	2013-2018	Completed	First Supervisor	Miss Sumera Naz: Extensions Of Fuzzy Graphs And Their Applications
Ph.D	2014-2019	Completed	First Supervisor	Mr. Sajjad Ali: Reduced Quadratic Irrational Numbers and G-Circuits of Modular Group
Ph.D	2014-2019	Under process	First Supervisor	Mr. Muhammad Aamir Javed: Properties of Circuits in Coset Diagrams by Modular Group
Ph.D	2014-2019	Under process	First Supervisor	Mr. Muhammad Nadeem Bari: Binary Quadratic Forms and Group Actions on Fields
Ph.D	2016-2020	Under process	First Supervisor	Miss Nousheen Sohail: Decision Making Methods on Dual Hesitant Fuzzy Sets and its application
MS/M.Phil	2004-2005	Completed	First Supervisor	Mr. Muhammad Azam: Graphical Representation of Certain Algebraic Structures.
MS/M.Phil	2007-2009	Completed	First Supervisor	Mr. Hafiz M Asim Zafar: A Classification of Real Quadratic Irrational Numbers and Modular Group Action.
MS/M.Phil	2007-2009	Completed	First Supervisor	Ms. Farkhanda Afzal: Real Quadratic Fields under the action of Mobious Groups.
MS/M.Phil	2008-2009	Completed	First Supervisor	Mr.H.M. Khalid Mahmood: Classification of the elements of $Q^*(\sqrt{n})$ via Congruences and the Modular group $PSL(2,Z)$.
MS/M.Phil	2008-2009	Completed	First Supervisor	Miss Amtul Mubeen: The Partition of Real Quadratic Field Under the Action of Mobious Group H.
MS/M.Phil	2008-2009	Completed	First Supervisor	Miss Madeeha Qayyum: Quadratic Number Field Under the Action of Two
MS/M.Phil	2008-2009	Completed	First Supervisor	Miss Marriam Fayyaz: Imaginary Quadratic Fields and the Group $M=$.
MS/M.Phil	2008-2009	Completed	First Supervisor	Mr. Hafiz Mutee ur Rehman Fields Extensions and the Modular Group Action.
MS/M.Phil	2008-2009	Completed	First Supervisor	Ms. Tayyaba Naseem: H-orbits of a subset $Q^{*H}(\sqrt{m})$ of $Q(\sqrt{m})$ where H is the mobios group.
MS/M.Phil	2009-2010	Completed	First Supervisor	Miss Qamar Afzal: Modular Arithmetic of Real Quadratic Irrational Numbers.
MS/M.Phil	2009-2010	Completed	First Supervisor	Mr. Intizar Hussain: G- Subsets of the Real Quadratic Fields by the Modular Group.
MS/M.Phil	2009-2010	Completed	First Supervisor	Ms. Nazia Dilshad: Modular Arithmetic of Certain Orbits of $Q(\sqrt{m})$ Under the Action of Two Generator Groups.
MS/M.Phil	2010-2011	Completed	First Supervisor	Miss Nosheen Goshi: Invariant subsets of $PLQ(\sqrt{m})$ under the action of Mobious groups.

MS/M.Phil	2010-2011	Completed	First Supervisor	Miss Aneesa Mughal: Transitive G-subsets of Real Quadratic Fields under the Modular group Action.
MS/M.Phil	2010-2011	Completed	First Supervisor	Mr. Akbar Ali: Some Results on Induced Sub graphs of Johnson Graphs.
MS/M.Phil	2010-2011	Completed	First Supervisor	Mr.Muhammad Touqeer: Fuzzy Ideals of BCI-Algebras.
MS/M.Phil	2011-2012	Completed	First Supervisor	Miss. Saima Sadaqat Classification of transitive G-subsets of $Q(\sqrt{m})$ under the action of $PSL(2,Z)$
MS/M.Phil	2011-2012	Completed	First Supervisor	Mr. Muhammad Sajid: Classification of G-orbits of $Q(\sqrt{m}) \setminus Q$ under the action of Modular Group
MS/M.Phil	2012-2013	Completed	First Supervisor	Mr. M. Farooq Shah: On Special Solvable Groups Group Action
MS/M.Phil	2012-2013	Completed	First Supervisor	Miss. Tahira Sadiqa: Fixed Points of Real Quadratic Fields under Modular Group Action
MS/M.Phil	2012-2013	Completed	First Supervisor	Miss. Sumera Naz: Continued fractions and group $PSL(2,Z)$
MS/M.Phil	2012-2013	Completed	First Supervisor	Mr. Nadeem Bari: Binary Quadratic forms and Pell's equations in Modular group
MS/M.Phil	2013-2014	Completed	First Supervisor	Miss. Rabia Kanwal: Behaviour of reduced numbers in the coset diagrams of modular group
MS/M.Phil	2013-2014	Completed	First Supervisor	Miss. Musarvarah Sarwar: Metric invariance in flower snarks and some families of convex polytopes
MS/M.Phil	2013-2014	Completed	First Supervisor	Miss. Qurat ul Ain Muneer: On the lattice graphs of Z_n and some families of generalized quaternion groups
MS/M.Phil	2013-2014	Completed	First Supervisor	Miss. Sundas Shahzadi: Determination of reduced quadratic irrationals in invariant subsets of $Q(\sqrt{m})$ under the modular group action
MS/M.Phil	2013-2014	Completed	First Supervisor	Mr. Muhammad Amir Javed: Characterizations of Circuits of Different Lengths of Ambiguous Numbers in Coset Diagrams
MS/M.Phil	2014-2015	Completed	First Supervisor	Mr. Niamat Ali: Reduced length of G-orbits of $Q(\sqrt{m})$ under modular group action
MS/M.Phil	2014-2015	Completed	First Supervisor	Mr. Babar Hussain: Distribution of reduced numbers in coset diagrams
MS/M.Phil	2015-2016	Completed	First Supervisor	Mr. M Haris Mateen: Mobius Group generated by two elements of order 2, 4 and Reduced quadratic Irrational numbers
MS/M.Phil	2015-2016	Completed	First Supervisor	Mr. Mehran Khan: Two Generator Subgroups of Hecke groups acting on extended quadratic fields
MS/M.Phil	2015-2016	Completed	First Supervisor	Miss. Hina Ramzan: Non Commuting graphs of groups
MS/M.Phil	2016-2017	Completed	First Supervisor	Miss. Fatima Nawaz: Detection of Reduced Quadratic Irrational Numbers and Two Generator Groups
MS/M.Phil	2016-2017	Completed	First Supervisor	Mr. Bahadur Ali: On the Topological Indices of Some Derived Graphs
MS/M.Phil	2016-2017	Completed	First Supervisor	Mr. Ali Hassan: Studies on Neutrosophic Graphs and Hypergraphs
MS/M.Phil	2016-2017	Completed	First Supervisor	Mr.Muhammad Adnan: Continued fractions and G-orbits of $PLQ()$ under the action of $PSL(2, Z)$
MS/M.Phil	2017-2018	Completed	First Supervisor	Miss Kahkashan: Types of G-circuits up to length 4 by Modular group and continued fraction
MS/M.Phil	2017-2018	Completed	First Supervisor	Miss Ishrat Noreen: Types of G-circuits up to length 6 by Modular group and continued fraction
MS/M.Phil	2018-2019	Completed	First Supervisor	Miss Gulfishan Mahek: Types of G-circuits up to length 8 by $PSL(2, Z)$ and continued fractions
MS/M.Phil	2018-2019	Completed	First Supervisor	Miss Tahira Batool: Applications of Bondage Number in Intuitionistic Fuzzy Graphs

MS/M.Phil	2018-2019	Completed	First Supervisor	Mr. Muhammad Shoab: A few properties of different graphs and their applications
MS/M.Phil	2018-2019	Completed	First Supervisor	Mr. Zahid Mehmood: Base Polynomials for Schultz Invariants of Linear Phenylene and Benzene

7. CONFERENCES/SEMINARS						
Type	Title	National/International	Role	Place	Starting Date	Ending Date
Conference	International Conference on Mathematics	National	Paper Presented	University of Engineering & Technology, Lahore.	06/03/1995	09/03/1995
Conference	1st World Conference on 21st Century Mathematics .	International	Paper Presented	Abdul Salam Schoo of Mathematical Science GC University of Lahore.	04/03/2004	08/03/2004
Seminar	Weekly seminar series	International	Participated/ Attended	School of Mathematics and Statistics, University of Birmingham UK	16/09/2006	09/09/2007
Conference	3rd World Conference on 21st Century Mathematics	National	Participated/ Attended	LUMS. W, Sector DHA, Lahore.t	06/03/2008	09/03/2008
Seminar	Weekly Seminar Series	National	Organized	Department of Mathematics, University of the Punjab, Lahore	08/11/2007	15/05/2013
Conference	4th World Conference in 21st Century Mathematics on March 4-8, 2009,	International	Paper Presented	Abdul Salam School of Mathematical Science GC University of Lahore.	04/03/2009	06/03/2009
Conference	National Conference on Mathematics .	National	Participated/ Attended	Department of Mathematics University of the Punjab Lahore	10/02/2010	12/02/2010
Conference	International Pure Mathematics Conference	International	Participated/ Attended	Quaid-e-Azam university, Islamabad	12/08/2009	15/08/2009
Conference	11th International Pure Mathematics Conference 2010	International	Participated/ Attended	Quaid-e-Azam University, Islamabad	06/08/2010	08/08/2010
Conference	5th World conference on 21st Century Mathematics 2011	International	Paper Presented	Abdul Salam Schoo of Mathematical Science GC University of Lahore.	09/02/2011	13/02/2011
Conference	12th International Pure Mathematics Conference	International	Paper Presented	Quaid-e-Azam University, Islamabad	29/07/2011	31/07/2011
Workshop	Spring Workshop On Recent Advances in Graph Theory and Combinatorics,	National	Participated/ Attended	Centre for Advanced Studies in Mathematics LUMS Lahore in collaboration with Abdus Salam School of Mathematical Sciences, Lahore	17/02/2012	19/02/2012
Conference	13th International Pure Mathematics Conference 2012	International	Participated/ Attended	Quaid-e-Azam University, Islamabad	01/09/2012	03/09/2012
Conference	5th World Conference in 21st Century Mathematics	International	Participated/ Attended	Abdul Salam School of Mathematical Science GC University of Lahore.	06/03/2013	09/03/2013

Conference	14th International Pure Mathematics Conference	International	Paper Presented	Quaid-e-Azam University, Islamabad	23/08/2013	25/08/2013
Conference	5th international pure mathematics conference 2004 on algebra analysis geometry and mechanics	International	Participated/ Attended	Best Western Hotel Islamabad	20/08/2004	22/08/2004
Conference	second World Conference on 21st Century Mathematics 2005	National	Participated/ Attended	Abdul Salam School of Mathematical Science GC University of Lahore	04/03/2005	06/03/2005
Conference	Conference on General Relativity & Gravitation	National	Participated/ Attended	Department of Mathematics University of the Punjab Lahore	11/02/2010	13/02/2010
Workshop	Research Management	National	Participated/ Attended	Research office University of the Punjab Lahore	12/11/2010	12/11/2010
Conference	International Conference on Relativistic Astrophysics	National	Participated/ Attended	Department of Mathematics University of the Punjab Lahore	10/02/2015	14/02/2015
Workshop	Recent Advances in Graph Theory and Combinatorics	National	Participated/ Attended	Lahore University of Management Sciences	22/11/2013	24/11/2013
Workshop	International Workshop on Discrete Structures	International	Participated/ Attended	National University of Sciences and Technology Sector H-12 Islamabad	05/03/2014	07/03/2014
Workshop	Recent Advances In Commutative Algebra with algebraic Geometry	National	Participated/ Attended	LUMS Lahore	28/03/2014	29/03/2014
Workshop	workshop and colloquium on mathematics	National	Participated/ Attended	GC University Lahore	24/06/2002	29/06/2002
Conference	Ist UMT International Conference on pure and applied science	International	Invited Speaker	University of Management and Technology	05/03/2016	07/03/2016

8. MEMBERSHIP OF LEARNED SOCIETIES AND OTHER ACTIVITIES IN UNIVERSITY, PUBLIC OR INTERNATIONAL AFFAIRS

Name of Society	Date of Joining	Ending Date	Nature of Society	Major activities of society
Punjab Mathematical Society	08/11/2007	To Date	National	worked as General Secretary and Vice President

9. CURRICULUM DEVELOPMENT

Degree	Degree title	Developed For
Ph.D	PhD and MPhil	University
MS/M.Phil	MS/MPhil	University
Masters	M Sc Maths	University
Graduate	BS Math	University
Graduate	Associat Degree in Mathematics	University

10. ANY NATIONAL OR INTERNATIONAL AWARD/ACHIEVEMENT

Award/Achievement	National/International	Description
Award	National	Performance evaluation 2009
Award	National	Performance evaluation 2010
Award	National	Performance evaluation 2011
Award	National	Performance evaluation 2012
Award	National	Performance evaluation 2013

Award	National	Performance evaluation 2014
Award	National	Performance evaluation 2015
Award	National	Performance evaluation 2016
Award	National	Performance evaluation 202017
Award	National	Incentive Award 2014
Award	National	Incentive Award 2015
Award	National	Incentive Award 2016
Award	National	Incentive Award 2017

11. PROFESSIONAL TRAININGS/CERTIFICATES

Type	Name & Place	Starting Date	Ending Date	Division/	Certificate or Diploma obtained
MS Office Document Preparation and Word Processing:(i) LaTeX;(ii) Mathematic a (iii) Matlab	Post Graduate Computer Orientation Course (PGCOC-10), Computer Training Center at HEC, Islamabad	01/04/2003	30/09/2003	First-A	Certificate
Teaching	BEd Govt. College for Education Lower Mall Lahore	01/09/1989	31/08/1990	Second-B	Degree
Teaching	M Ed Secondary IER University of the Punjab Lahore-PAKISTAN	01/09/1992	31/08/1993	B First-	Degree
Training Course for MSc Mathematics subjects	Training Course in Mathematics HEC Regional Centre Lahore	16/12/2002	21/12/2002	-	certificate
inservice training course for subject specialist	inservice training course for subject specialist DSD Punjab Lahore	05/05/1997	21/05/1997	-	certificate
master trainer under PMSP in mathematics	master trainer under PMSP DSD Punjab Lahore	29/09/1996	10/10/1996	-	certificate
Indigenous on Campus Training Program for Management Team	Indigenous on Campus Training Program for Management Team University of the Punjab Lahore	17/11/2014	21/11/2014	-	certificate

12. LANGUAGES

Language	Reading	Writing	Speaking	Diploma or Certificate Obtained
English	Excellent	Excellent	Good	Diploma From CASPAM BZU Multan
Urdu	Excellent	Excellent	Excellent	Urdu studied up to under graduate level
Punjabi	Good	Good	Excellent	Studied up to matric

13. COUNTRIES VISITED

Name of Country	From	To	Purpose of Visit
United Kingdom	15/09/2006	10/09/2007	Post Doctorate Studies
Saudi Arabia	15/09/2014	24/10/2014	To perform Hajj

14. FIELDS OF INTEREST

Group Theory, Number Theory, Fuzzy Theory, Graph Theory

15. REFERENCE(s):-			
Name	Designation	Contact No.	Postal Address
Prof. Dr. S. M. Husnine	Professor of Mathematics, Ex Director/ Dean National university of Computer and Emerging Sciences Lahore	03008440992	Department of Mathematics, National University of Computer and Emerging Sciences, Faisal Town, Lahore-Pakistan.
Prof. Dr. Muhammad Aslam	Professor of Mathematics, Ex Chairman Dptt of Maths GC University Lahore	03334486577	Department of Mathematics, Government College University Lahore-Pakistan

Brief Description

As for as the education of Dr. Muhammad Aslam Malik is concerned, he completed his MSc Maths in 1989 from CASPAM B Z U Multan, MEd in 1993, M Phil in 1995 and Ph.D. in Maths in 2004 from University of the Punjab. He completed his one year Post Doctorate in 2006-2007 under the supervision of Prof Dr. Robert Turner Curtis from University of Birmingham, United Kingdom. He has been working as an Associate Professor in University of the Punjab since 08-11-2007 which is the leading educational institution in the Indo-Pak Subcontinent, where excellence is pursued and distinguished. He has produced six Ph.D. and 42 M.Phil scholars in the field of Mathematics and having vast experience of administration as coordinator of all academic programs at university level. Some more MPhil/PhD research scholars are in progress. It is believed that university's values strengthen bright vision, the joining University of the Punjab as a teacher has increased his capabilities towards teaching, learning and research and he is a valuable senior colleague in University of the Punjab.

He has 30 years regular teaching/research experience in Mathematics at Post Graduate level in various HEC recognized/highly reputed public sector institutions. His areas of research are Algebra, Group Theory, Number Theory, Fuzzy Theory and Graph Theory. He has published more than 60 research papers in Journals of national and international repute.