

CURRICULUM VITAE



Residence: H. No. 194 - E, Street No. 16, G-6/2,
Islamabad, 44000 Pakistan
Telephone: 92-333-5103984
Office: Dean, Faculty of Basic and Applied Sciences
International Islamic University
Islamabad, 44000 Pakistan
Telephone: +92-51-9019501
E-mail: marshadzia@iiu.edu.pk

Dr. Muhammad Arshad

CAREER OBJECTIVES

At this point in my career, I wish to offer my services and skills to my nation which I have acquired after more than two decades of working experience in highly challenging and learning environment in the areas of academic leadership, planning, research and training.

RESEARCH INTERESTS

1. Fixed Point Theory And Its Applications
2. Fuzzy Set Theory
3. Ordered Vector Spaces And Linear Operators
4. Approximation Theory

ACADEMIC QUALIFICATIONS

1. **2010 Ph.D. Mathematics**, International Islamic University, Islamabad, Pakistan
Specialization: Functional Analysis (Fixed Point Theory).
Title of Ph.D. Thesis: Fixed points of Single and Multi-Valued Mappings.
Supervisor: Prof. Dr Akbar Azam
2. **2004 MS. IT**. Computer Sciences, University of Engineering and Technology, Taxila-Pakistan.
3. **1995 Postgraduate Diploma (PGD) Mathematics**, Abdus Salam International Centre for Theoretical Physics (ICTP) Trieste, Italy.
4. **1993 M. Phil. Mathematics**, Quaid-i-Azam University Islamabad, Pakistan.
5. **1991 M.Sc. Mathematics**, Quaid-i-Azam University Islamabad, Pakistan.

DISTINCTIONS / AWARDS

1. **Among the top ten students** selected from the whole third word for PGD in mathematics at Abdus Salam International Centre for Theoretical Physics (ICTP), Trieste, Italy (1994-95).
2. **Fourth position in B.Sc. (1988)** examination from The Islamia University of Bahawalpur, Pakistan
3. **Offered Ph. D. admission in the University of New South Wales**, Australia in 1995 (could not avail due to financial problems).
4. **Offered local Ph.D. Scholarship from HEC** Pakistan in 2004-05, could not avail due to non availability of supervisor in my field of research interest at that time.
5. **Productive Scientist** declared by Pakistan Council for Science and Technology (PCST) and placed in category G along with an amount of Rs. 50000/- was awarded in year 2011 for the year of 2009.
6. **Productive Scientist** declared by Pakistan Council for Science and Technology (PCST) and placed in category G, award was awarded in year 2012 for the year of 2010.
7. **Productive Scientist** declared by Pakistan Council for Science and Technology (PCST) and placed in category G, award was awarded in year 2013 for the year of 2011.
8. **Productive Scientist** declared by Pakistan Council for Science and Technology (PCST) and placed in category G, award was awarded in year 2014 for the year of 2012.

EMPLOYMENT RECORD-CURRENT POST

1. **February 2016 till date: Professor of Mathematics**, Department of Mathematics, International Islamic University, Islamabad, Pakistan.
2. **2005-2016: Assistant Professor**, Department of Mathematics, International Islamic University, Islamabad, Pakistan.
3. **1997-2005: Lecturer in Mathematics**, International Islamic University, Islamabad, Pakistan
4. **1993-1994: Lecturer in Mathematics**, Govt. Al-Biruni Degree College P. D. Khan, Jehlum, Pakistan.

ADMINISTRATIVE EXPERIENCE

1. **2017-To Date: Dean Faculty of Basic and Applied Sciences**, International Islamic University, Islamabad, Pakistan.

2. **2016 – 2017: Chairman Department of Mathematics & Statistics**, International Islamic University, Islamabad, Pakistan.
3. **2015-2017: Student’s Advisor /Director Student’s Affairs**, International Islamic University, Islamabad, Pakistan.
4. **2003-2005: Founder Chairman, Department of Mathematics**, International Islamic University, Islamabad, Pakistan.

ACHIEVEMENTS

1. Chairman:

Campus Management System (CMS) Implementation Committee. Made a revolutionary change in developing and implementing Campus Management System, a sub component of ERP solution for university, in a record time of 6 months. Currently heading the committee for providing ERP solution to entire university. It has made huge change in culture and brought ease and efficiency.

2. Member Board of Studies:

- a) University of Sargodha, Sargodha, Pakistan.
- b) COMSATS Institute of Information and Technology, Islamabad, Pakistan.

3. Member Selection Board:

GC, University, Lahore, Pakistan.

4. Subject Expert:

Federal Public Service Commission, Pakistan.

5. Technical Reviewer:

Shaheed Benazir Bhutto University is a higher education institution, Sheringal, Upper Dir, Khyber Pakhtunkhwa, Pakistan.

6. Member Departmental Tenure Review Committee (DTRC):

- a) The Islamia University, Bahawalpur, Punjab, Pakistan.
- b) Shaheed Benazir Bhutto Women University Peshawar, KPK, Pakistan.

7. Member SAR:

University of Gujrat, Punjab, Pakistan.

8. MS/ Ph.D. Evaluator:

- a) Quaid-i-Azam University, Islamabad, Pakistan.
- b) Comsats Institute of Information and Technology, Islamabad, Pakistan.
- c) University of Sargodha, Sargodha, Pakistan.
- d) The Islamia University, Bahawalpur, Punjab, Pakistan.

- e) Riphah International University, Islamabad, Pakistan.
- f) National University of Science and Technology (NUST), Islamabad.
- g) AJK, University, Muzaffarabad, AJK
- h) FAST, University
- i) GC, University Lahore.

9. Member:

- a) BoS, International Islamic University, Islamabad, Pakistan.
- b) BASR, International Islamic University, Islamabad, Pakistan.
- c) Academic Counsel, International Islamic University, Islamabad, Pakistan.

10. Initiated three new Departments as a Dean FBAS, namely Bio Sciences, Chemistry and Eastern Medicine.

11. Made significant contribution by revitalizing the office of Student Advisor, developed a code of conduct for students and channelized the energy of youth in shape of national level declamation contests, sports, seminars and other healthy activities.

TEACHING INTERESTS

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| (i) Calculus, | (ii) Linear Algebra, |
| (iii) Foundation of Modern Mathematics, | (iv) Discrete Mathematics, |
| (v) Real Analysis | (vi) General Topology, |
| (vii) Functional Analysis | (viii) Numerical Analysis |
| (ix) Theory of Automata | (x) Fixed Point Theory, |
| (xi) Measure theory and Integration | (xii) Group Theory |
| (xiii) Approximation Theory. | |

PARTICIPATION IN CONFERENCES/WORKSHOPS/SCHOOLS

1. **Second Regional Workshop on Application of Mathematics**, The Islamia University of Bahawalpur, Bahawalpur, (Pakistan), 1992.
2. **School on Non-linear analysis and its applications in Ordinary Partial Differential Equations**, Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, 1996.
3. **Summer Conference in Mathematics**, Lahore University of Management Sciences, Lahore, (Pakistan) 2007.
4. **Conference on Recent Advances in Mathematical Methods, Models and Applications**, Lahore University of Management Sciences, Lahore, (Pakistan), 2008.

5. **Summer Conference in Mathematics**, Lahore University of Management Sciences, Lahore, (Pakistan) 2008.
6. **Winter Conference in Mathematics**, Lahore University of Management Sciences, Lahore, (Pakistan) 2008.
7. **9th International Pure Mathematics Conference**, Pakistan Mathematical Society, Islamabad, Pakistan, 2008.
8. **10th International Pure Mathematics Conference**, Pakistan Mathematical Society, Islamabad, Pakistan, 2008.
9. **Summer Conference in Mathematics**, Lahore University of Management Sciences, Lahore, (Pakistan) 2009.
10. **Winter Conference in Mathematics**, Lahore University of Management Sciences, Lahore, (Pakistan) 2010.
11. **World Congress on Engineering**, paper presented entitled “Common solutions of nonlinear functional equations via Iterations” Imperial College London, England, 6-8 July, 2011.
12. **4th International Conference on Mathematics (ICM2012)**, paper presented Entitled “Fixed points Solutions of sequence of locally contractive fuzzy Mappings Via Iterative Procedure”, UAE, University, Alain, Dubai, UAE 11-14 March, 2012,
13. **11th International Workshop on Dynamical Systems and Applications**, Cankaya University, Ankara, Turkey June 26-28, 2012. Title of the Talk: Fixed points of Kanan and Chatterjea mappings on a closed ball without the assumption of continuity.
14. **World Congress on Engineering Imperial College London**, England, 4-6 July, 2012. Title of the Talk: Fixed Points of a Multivalued Mappings in Fuzzy Metric Spaces.
15. **Recent Advances in Mathematical Methods, Models & Applications** University of Central Punjab Lahore, April 13-14, 2013. Title of the Talk: Coincidence Points of Single and Multivalued Mappings.
16. **8th Symposium on Complexities on, Innovations and Solutions (CCIS – 2013)** COMSAT Institute of Information Technology Abbotabad, May 27-28, 2013. Title of the Talk: On Multivalued Contractions without the Assumption of Normality.
17. **Conference on Recent Advances in Mathematical Methods, Models & Applications**, Lahore School of Economics (LSE), April 19-20, 2014. Title of the Talk: Common Fixed Points in TVS Valued Cone Metric Spaces.

18. **7th Conference on Functions Spaces**, Southern Illinois University, Edwardsville (SIUE-2014), USA, May 20-24, 2014. Title of the Talk: Fixed Points in Topological Vector Spaces (TVS) Valued Cone Metric Spaces.
19. **National Workshop on Applied Nonlinear Analysis**, Centre for Advanced Studies in Mathematics (CASM), Lahore University of Management Sciences (LUMS), Lahore, December 12-13, 2014. Title of the Talk: Discussion on Metric Transform and Related Fixed Point Results
20. **7th Annual International Conference on Mathematics**, ATINER , 17-20 June 2013, Athens, Greece. Title of the Talk: Coincidence Results for Single and Multi-valued Mappings.
21. **11th International Conference on Fixed Point Theory and Applications** 2015 Istanbul, Turkey.
22. **18th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing** 2016, West University of Timisoara, Romania. Title of the Talk: Fixed point approximation for Suzuki generalized non-expansive mappings using Picard-S iteration process
23. **International Workshop on Nonlinear Analysis and Applications**, University of Management Sciences, Lahore 2016 October 1-3, 2016. The Title of talk “Existence of Fixed Point Results for Generalized Contractions”

CONFERENCES/SCHOOLS ORGANIZED

1. Two Days Conference on Mathematical Sciences, International Islamic University, Islamabad, Pakistan, October 19- 20, 2012.
Role: Principal Organizer
2. Anatolian Communications in Non Linear Analysis, July 03-06, 2013, Abant İzzet Baysal University, Bolu, Turkey.
Role: Member Organizing Committee.
3. Second Conference on Mathematical Sciences, International Islamic University, Islamabad, Pakistan, October 1- 2, 2013.
Role: Principal Organizer
4. Monthly Seminars at the Department of Mathematics & Statistics, IIU, Islamabad Role: Principal Organizer
5. National Workshop on Applied Nonlinear Analysis, Centre for Advanced Studies in Mathematics (CASM), Lahore University of Management Sciences (LUMS), Lahore,

December 12-13, 2014. Title of the Talk: Discussion on Metric Transform and Related Fixed Point Results.

Role: Principal Organizer

6. Third International Conference on Mathematical Sciences from 31 March, 2017 to 1 April, 2017.

Role: Chairman

INTERNATIONAL/NATIONAL COLLABORATIONS

1. I. Beg, Professor of Mathematics, CASM, LUMS, Lahore (ibeg@lums.edu.pk).
2. Pasquale Vetro, Professor of Mathematics, Editor In-chief of an International journal published by Spinger, Universita Degli Studi Di Palermo, Dipartimento Di mathematica Ed Applicazioni, Via Archirafi, 34-90123 Palermo, Italy (vetro@math.unipa.it).
3. Shahram Rezapour, Professor of Mathematics, Department of Mathematics, Azarbaijan University of Tarbiat Moallem, Azarshahr, Tariz, Iran (sh.rezapour@azaruniv.edu).
4. Gerald Jungck, Professor of Mathematics, Department of Mathematics, Bradley University, Peoria, IL 61625, USA (gjf@bradley.edu).
5. Mujahid Abbas, Assistant Professor of Mathematics, Lahore University of Management Sciences, Lahore 54792, Pakistan & University of Pritoria, Pritoria, South Africa. E-mail: mujahid@lums.edu.pk, Mujahid.Abbas@up.ac.za
6. Cristina Di Bari, Professor of Mathematics, Universit`a degli Studi di Palermo Dipartimento di Matematica ed Applicazioni, Via Archirafi, 34, 90123 Palermo, Italy , E-mail: dibari@math.unipa.it.
7. Nawab Hussain, Professor of Mathematics, Department of Mathematics King Abdul Aziz University, P.O. Box 80203, Jeddah 21589, Saudi Arabia. E-mail: nhusain@kau.edu.sa
8. Erdal Karapinar, Associate Professor of Mathematics, Department of Mathematics, ATILIM University, 06586 Incek / Ankara, Turkey. E-mail: ekarapinar@atilim.edu.tr
9. Mirwan Amin Kutbi, Department of Mathematics, King Abdulaziz University, Jeddah, Saudi Arabia E. mail: mkutbi@yahoo.com
10. Calogero Vetro, Dipartimento di Matematica e Informatica, Università degli Studi di Palermo, Via Archirafi 34, 90123 Palermo, Italy, E. mail: cvetro@math.unipa.it

Ph.D. SUPERVISION

1. **Abdullah Shoaib (2015)**
Title: Fixed Point of Single and Set Valued Maps on Ordered Metric Spaces

2. **Syed Aftab Hussain Shah (2016)**
Title: Metric fixed point theorem for locally globally contractive mappings
3. **Kifayat Ullah (2017)**
Title: Iterative Approximation Procedures for Solutions of Functional Equations
4. **Gauhar Ur Rahman (2017)**
Title: Some Properties of Special k-Functions and their Applications
5. **Sami Ullah Khan (2018)**
Title: Existence and Uniqueness of Solutions for Nonlinear Functional Equations
6. **Muhammad Nazam**
Title: Existence of Solution of Fixed Point Problems of Generalized Contraction Mappings With Applications (Thesis writing stage)
7. **Eskandar Ameer Abdullah**
Title: Fixed Point Results for Generalized Contractions in Metric Spaces with Applications (Thesis writing stage)
8. **Muhammad Tahir**
Title: Fixed Point Results for Weak Contractions in Generalized Metric Spaces
(Thesis writing stage)
9. **Latif Ur Rahman**
10. **Muhammad Awais**

M. Phil SUPERVISION

1. **Faheemuddin**
Title: Existence of Fixed Points For Generalized Contractions (2014).
2. **Muhammad Tahir**
Title: Fixed Point Results for locally contractive mappings (2014).
3. **Syed Hussnain Kazmi**
Title: Fixed Point Results for Dislocated Generalized Metric Spaces (2014).
4. **Muhammad Zubair**
Title: Common Fixed Point Results for G – metric like spaces (2015).
5. **Eskander Ameer Abdullah**
Title: Fixed Points of Generalized Contractions in Metric Spaces (2015).
6. **Zain Ul Abidin**
Title: Some Fixed Point Theorems in Dualistic Partial Metric Spaces. (2016).
7. **Junaid Khan**
Title: Some Fixed Point Results on Ultrametric Spaces. (2017)
8. **Raheel Riaz**
Title: Some Fixed Point Theorems in Extended Partial Metric Spaces. (2018).
9. **Muhammad Masood**
Title: Nonexpensive Mapping in Partial b-Metric Space (In progress).
10. **Muhammad Amjad**
Title: Fixed Points of F- Contractive Mappings in b - Metric-like- Spaces (In progress).
11. **Jamil Ur Rahman**
Title: Generalized Fixed Point Theorems in Dualistic Partial Metric Spaces (In progress).

REFERNCES

i) Prof. Dr. Kenan Tas, Vice Chancellor, Cankaya University, Eski ehir Yolu, 29. Km, Merkez Kampus, 06790, Ankara , Turkey,
E-mail: kenan@cankaya.edu.tr or kennantas@gmail.com
Tel. Phone # 0090–312–2331133

ii) Prof. Dr. Ahmed Yousif Ahmed Al Draiwesh, President, International Islamic University, Islamabad, Pakistan.
Mobile Phone# 0092-300-0500507, 00966-502580800
E-mail: president@iiu.edu.pk

iii) Prof. Dr. Anis Ahmed, Vice Chancellor, Riphah International University, Islamabad, Pakistan.
Mobile Phone# 0092-333-5123688
E-mail: anis.ahmad@riphah.edu.pk or anis@anisahmad.com

K. S. Nisar , Feng Qi , G. Rahman , S. Mubeen, M. Arshad, Some inequalities involving the extended gamma function and the Kummer confluent hypergeometri k-function, *Journal of Inequalities and Applications* (2018) 2018:135

LIST OF PUBLICATIONS

1. M. Nazam, **M. Arshad**, M. Postolache, Coincidence and common fixed point theorems for four mappings satisfying (α_{φ}, F) -contraction, *Nonlinear Analysis: Modelling and Control*, (ACCEPTED).
2. M. Nazam, **M. Arshad**, Some Fixed Point Results in Ordered Dualistic Partial Metric Spaces, *Transactions of A.Razmadze Mathematical Institute*, (In press).
3. M. Nazam, **M. Arshad**, C. Park, Sungsik Yun, On dual partial metric topology and a fixed point theorem, *J. Computational Analysis and Applications*, 26 (2019), 832-840.
4. M. Nazam, **M. Arshad**, C. Park, Sungsik Yun, Fixed points of Ciric type ordered F-contractions on partial metric spaces, *J. Computational Analysis and Applications*, 26 (2019), 1459-1470.
5. M. Nazam, **M. Arshad**, C. Park, Ozlem Acar, Sungsik Yun, G. A. Anastassiou, On solution of a system of differential equations via fixed point theorem, *J. Computational Analysis and Applications*, 25 (2019), 417-426.
6. M. Nazam, C. Park, A. Hussain, **M. Arshad**, J.R. Lee, Fixed point theorems for F-contractions on closed ball in partial metric spaces, *J. Computational Analysis and Applications*, 27 (2019), 759-769.
7. T. Rasham , A. Shoaib , N.Hussain, **M. Arshad**, S. U. Khan , Common fixed point results for new Ciric-type rational multivalued F -contraction with an application, *J. Fixed Point Theory Appl.*, (2018) 20: 45, <https://doi.org/10.1007/s11784-018-0525-6>.
8. M. Ali, **M. Arshad**, b-metric generalization of some fixed point theorems, *Journal of Function Spaces*, Volume 2018, Article ID 2658653, 9 pages.
9. K. S. Nisar , Feng Qi , G. Rahman , S. Mubeen, M. Arshad, Some inequalities involving the extended gamma function and the Kummer confluent hypergeometri k-function, *Journal of Inequalities and Applications* (2018) 2018:135.
10. K. Ullah, K. Iqbal, **M. Arshad**, Some convergence results using K iteration process in CAT(0) spaces, *Fixed Point Theory and Applications*, (2018) 2018:11.
11. **M. Arshad**, J. Choi, S. Mubeen, K. S. Nisar, G. Rahman, A new extension of the Mittag-Leffler functions, *Commun. Korean Math.Soc.*, 33(2018), 549-560.
12. T. Rasham , A. Shoaib , Badriah A. S. Alamri, **M. Arshad**, Multivalued Fixed Point Results for New Generalized F -Dominated Contractive Mappings on Dislocated Metric Space with Application, *Journal of Function Spaces*, Vol. 2018, Article ID 4808764, 12 pages.
13. M. Nazam, **M. Arshad**, M. Postolache, On Common Fixed Point Theorems in Dualistic Partial Metric Spaces, *Journal of Mathematical Analysis*, 9 (2018), 76-89.
14. **M. Arshad**, J. Choi, S. Mubeen, K. S. Nisar, G. Rahman, Anew extension of the Mittag-Leffler function, *Commun. Korean Math. Soc.*, 33(2018), No. 2, pp. 549-560.
15. K. Ullah, **M. Arshad**, Fixed points reckoning for Suzuki's generalized nonexpansive mappings via new iteration process, *Filomat*, 32:1(2018), 187-196.
16. M. Nazam, **M. Arshad**, A. Hussain, Fixed Points of Chatterjea Type Multi-valued F-Contractions on Closed Ball, *Nonlinear Functional Analysis and Applications*, Vol. 23 Issue 2 (2018), 259-274.
17. M. Nazam, M. Arshad, C. Park, On fixed point theorems in dualistic partial metric spaces, *J. Computational Analysis and Applications*, Vol. 24 No. 7(2018), 1334-1344.
18. M. Nazam, **M. Arshad**, C. Park, On solution of system of integral equations via fixed point method, *J. Computational Analysis and Applications*, Vol. 24 No. 8, 1474-1482, (2018).

19. M. Nazam, **M. Arshad**, C. Park, On Dualistic Contractions of Rational Type and Related Fixed Point Theorems, *J. Computational Analysis and Applications*, Vol. 25 No. 7, 1199-1209, (2018).
20. M. Nazam, **M. Arshad**, C. Park, A common fixed point theorem for a pair of generalized contraction mappings with applications, *J. Computational Analysis and Applications*, Vol. 25 No. 3, 552-565, (2018).
21. M. Nazam, A. Ghiura, **M. Arshad** , Common Fixed Point Theorem for Generalized b-Order Rational Contraction with Application, *Journal of Mathematical Analysis*, Vol. 8, Issue 4 (2017), Pages 34-45.
22. M. Nazam, C. Park, **M. Arshad**, Common Fixed Points of Generalized Rational Contractions on a Closed Ball in Partial Metric Spaces, *J. Nonlinear Sci. Appl.* 10 (2017), pages 5261-5270.
23. M. Nazam, **M. Arshad**, S. Radenovic, D. Turkoglu, Some fixed point results for dual contractions of rational type, *Mathematica Moravica*, Vol. 21 (2017), 139-151.
24. T. Rasham, **M. Arshad**, S. U. Khan, Fixed point results on closed ball for a new rational type contractive mappings in complete dislocated metric spaces, *Turkish Journal of Analysis and Number Theory*, Vol. 5 (2017), 86-92.
25. E. Ameer, **M. Arshad**, Two new fixed point results for generalized Wardowski type contractions, *Journal of Analysis and Number Theory*, Vol. 5 (2017), 63-71.
26. A. Shoaib, **M. Arshad**, S. H. Kazmi, Fixed point results for Hardy Rogers type contraction in ordered complete dislocated Gd metric space, *Turkish Journal of Analysis and Number Theory*, Vol. 5 (2017), 5-12.
27. L. Gajic, **M. Arshad**, S. U. Khan, L. U. Rahman, Some new fixed point results in ultra metric spaces, *TWMS J. Pure Appl. Math.*, 8(2017), 33-42.
28. M. M. M. Jaradat, Z. Mustafa, S. U. Khan, **M. Arshad**, J. Ahmad, Some fixed point results on G-metric and Gb-metric spaces, *Demonstratio Mathematica*, 2017; 50: 190-207.
29. M. Nazam, Ma Zhenhua, S. U. Khan, **M. Arshad**, Common Fixed Points of Four Maps Satisfying F-Contraction on b-metric Spaces, *Journal of Function Spaces*, Vol. 2017 paper ID: 9389768, 11 pages.
30. T. Rasham, A. Shoaib, **M. Arshad**, S. U. Khan, Fixed Point Results for a Pair of Multivalued Mappings on Closed Ball for New Rational Type Contraction in Dislocated Metric Space, *Journal of Inequalities and Special Functions*, Volume 8 Issue 2(2017), Pages 74-85.
31. S. U. Khan, **M. Arshad**, T. Rasham , A. Shoaib, Some New Common Fixed Points of Generalized Rational Contractive Mappings in Dislocated Metric Spaces with Application, *Honam Mathematical J.*, 39 (2017), 161-174.
32. A. Shoaib, **M. Arshad** , Tahair Rasham , Mujahid Abbas, Unique fixed point results on closed ball for dislocated quasi G-metric spaces, *Transactions of A. Razmadze Mathematical Institute*, 171 (2017), 221-230.
33. K. S. Nisar, G. Rahman, S. Mubeen, **M. Arshad**, Certain new integral formulas involving the generalized k-Bessel function, *Communications in Numerical Analysis*, Vol. 2017, Issue 2, 84-90.

34. K.S. Nisar, G. Rahman, D. Baleanu, S. Mubeen and **M. Arshad**, Erratum to: The (K,S)-fractional calculus of k-Mittage- Leffler function, *Advances in Difference Equations*, (2017) 2017: 194.
35. M. Nazam, **M. Arshad**, Oscar Valero, Abdullah Shoaib, On Dualistic Contractive Mappings, *TWMS Journal of Pure and Applied Mathematics*, Vol. 8,No. 2(2017), 187-196.
36. E. Ameer, **M. Arshad** and W. Shatanawi, Common fixed point results for generalized - - contraction multivalued mappings in b-metric spaces, *Journal of Fixed Point Theorey and Applications*, Vol. 19 (4)(2017) 3069-3086.
37. G. Rahman , D. Baleanu, M. Al Qurashi , S. D. Purohit, S. Mubeen, **M. Arshad**, The extended Mittag-Leffler function via fractional calculus, *J. Nonlinear Sci. Appl.*, 10 (2017), 4244- 4253.
38. M. Nazam, **M. Arshad**, C. Park, A fixed point theorem with application to a class of integral equations, *Journal of Mathematical Extension*, Vol. 11 No. 2, (2017), 71-84.
39. E. Ameer, **M. Arshad**, Two new fixed point results for generalized Wardowski type contractions, *Journal of Analysis and Number Theory*, 5(2017), 63-71.
40. S. U. Khan, **M. Arshad**, H. K. Nashine, M. Nazam, Some common fixed points of generalized contractive mappings on complex valued metric spaces, *Journal of Analysis and Number Theory*, 5(2017), 73-80.
41. M. Nazam, **M. Arshad**, M. Abbas, Existence of Common Fixed Points of Improved F-Contractions on Partial Metric Spaces, *Appl. Gen. Topol.* Vol.18, No. 2 (2017), 277-287.
42. A. Shoaib, A. Azam, **M. Arshad**, E. Ameer, Fixed point results for multivalued mappings on a sequence in a closed ball with applications, *Journal of Mathematics and Computer Science*, Vol. 17 (2017), 308-316.
43. **M. Arshad**, A. Hussain , Fixed Point results for generalized rational - Geraghty contraction, *Miskolc Mathematical Notes*, Vol. 18 (2017), 611-621.
44. A. Shoaib, A. Azam, **M. Arshad**, A. Shahzad, Fixed point results for multivalued mappings on closed ball in dislocated fuzzy metric space, *Journal of Mathematical Analysis*, Vol. 8 (2017), 98-106.
45. Sami Ullah Khan, M. Arshad, T. Rashaim, A. Shoaib, Some New Common Fixed Points of Generalized Rational Contractive Mappings in Dislocated Metric Spaces. *Turkish Journal of Analysis and Number Theory*, Vol. 5 (2017), 86-92.
46. A. Hussain, **M. Arshad**, M. Abbas, Proximal contraction involving best proximity point endowed with binary relation. *J. Adv. Math. Stud.* Vol.10 (2017), 158-166.
47. M. Nazam, **M. Arshad**, A. Hussain, On Convex Structures in Pseudo Metric Spaces and Fixed Point Theorems, *J. Ana. Num. Theor.* Vol. 5 (2017), 57-62.
48. M. Nazam, **M. Arshad**, A. Hussain, Fixed point theorems for chatterjea type F-contraction on a closed ball, *Journal of Analysis and Number Theory*, Vol. 5 (2017) 1-8.
49. A. Hussain, **M. Arshad**, New Approach of (ϕ -)- Contractive Mappings on a Closed Ball in dislocated metric space, *Journal of Analysis and Number Theory*, Vol. 5 (2017), 1-7.
50. A. Hussain, **M. Arshad**, H. F. Ahmad, M. Nazam, New Type of Multivalued F-Contraction Involving Fixed Point on a Closed Ball, *J. Math. Comp. Sci.* 10 (2017), 246-254.
51. M. Nazam, **M. Arshad**, A. Hussain, Fixed Point Theorems for Chatterjea Type F-Contraction on a Closed Ball, *Journal of Analysis and Number Theory*, Vol.5 (2017) , 27-34.

52. A. Hussain, **M. Arshad**, M. Nazam, Connection of ciric type F-contraction involving fixed point on closed ball, *GU J Sci*, Vol.30 (2017), 283-291.
53. A. Shoaib, A. Azam, **M. Arshad**, E. Ameer, Fixed point results for multivalued mappings on a sequence in a closed ball with applications, *Journal of Mathematics and Computer Science*, 17(2017), 308-316.
54. A. Hussain, **M. Arshad**, M. Abbas, New Type of Fixed Point Result of F-Contraction with Applications, *Journal of Applied Analysis and computation*, Vol. 7, (2017), 1112-1126.
55. **M. Arshad**, E. Ameer, E. Karapinar, Generalized contractions with triangular ψ -orbital admissible mapping on Branciari metric spaces, *Journal of Inequalities and Applications*, 2016, 2016:63.
56. E. Ameer, **M. Arshad**, Fixed points of multivalued theta contractions on closed ball, *Communications in Nonlinear Analysis*, 3(2016), 44-51.
57. **M. Arshad**, E. Ameer, A. Shoaib, Some New Fixed Point Results in Metric Spaces with Graph, *Indian Journal of Mathematics*, Vol. 58 (2016), 117-134.
58. K. Ullah, **M. Arshad**, On different results for new three step iteration process in Banach spaces, *SpringerPlus*, (2016) 5:1616.
59. **M. Arshad**, K. Ullah, M. Abbas, Convergence Results of Total Asymptotically Nonexpansive Mappings on Nonlinear Domain, *J. Adv. Math. Stud.* Vol. 9(2016), 370-380.
60. S. Mubeen, **M. Arshad**, G. Rahman, Closed form general solution of the hypergeometric k-matrix differential equation *Journal of Inequalities and Special Functions* Vol.7 (2016), 39-52.
61. G. Rahman, G. Ghaffar, S. D. Purohit, S. Mubeen, **M. Arshad**, On the hypergeometric matrix k-functions, *Bulletin of Mathematical Analysis and Applications*, Vol.8 Issue 4(2016), 98-111.
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