Brief Bio data

Tariq Ahmad Chishti
Associate Professor (Mathematics)

Directorate of Distance Education
University of Kashmir
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Research Interests: Functional Analysis, Summability Theory,
Graph Theory

Education

Ph.D. Applied Mathematics   A.M.U., Aligarh, India (1995)
M.Phil. Applied Mathematics   A.M.U., Aligarh India (1993)
M.Sc. Mathematics   A.M.U., Aligarh, India (1989)

Teaching

Jan. 2012 to till date	Associate Professor	University of Kashmir Srinagar, India
Nov.1999 to July 2012	Assistant Professor	University of Kashmir Srinagar, India
July 1995 to Nov. 1999	Lecturer	Govt. Degree College, Sopore, Kashmir.

Books Written
 (a) Solid Geometry : Universities Press , OrientBlackSwan (2007).
 (b) Complex Trigonometry and Theory of Equations
    Kapoor Publications, Srinagar (1996) .

Books Chapters
   (a) Real Analysis I , Directorate Of Distance Education ,University of
    Kashmir, Srinagar (2012).

(b) Abstract Algebra II, Directorate of Distance Education, University of Kashmir, Srinagar (2012).

(c) Functional Analysis, Directorate of Distance Education ,University of Kashmir, Srinagar (2009).

Research Projects

- Principle Investigator of Project titled "Impact of Communication Technology in Distance Education with special reference to Kashmir, sponsored by DEC, UGC, (2008).

- Principle Investigator of Project titled " Leveraging the benefits of social media for assuring quality Distance Education with special reference to University of Kashmir, sponsored by DEC, UGC, (2014).

- Co- Principal Investigator of the Project titled, "Energy and Laplacian energy of graphs" by DST India (0n going) **(EMR/2015/001047)**.

Membership

- American Mathematical Society
- Indian Mathematical Society
- Ramanujan Mathematical Society

Courses Taught

Under Graduate Level
Differential Calculus, Integral Calculus, Differential Equations, Complex Trigonometry ,Theory of Equations , Matrix Theory, Two and Three Dimensional Geometry, Probability and Statistics.

Post Graduate Level
Functional Analysis, Real Analysis, Topology.

Conferences, workshops & Seminars:

1. Participated and presented a paper entitled "On Some Generalized Sequence Spaces of Invariant Means defined by Orlicz Functions" in International Conference in Sequences Spaces and Summability Theory, Istanbul Commerce University Turkey, May 15-16,2008.
2. 4 Day Workshop "On improvement of Performance of Preparatory year Mathematics Students"Computations in Preparatory Mathematics,King Fahad University of Petroleum & Minerals, Saudia Arabia Feb.25-28, 2009.
3. Seminar on Mathematics and Contemporary Sciences, Generalized Difference Sequence Spaces and their matrix Transformations, Jubail University College, June 10-12, 2010.
4. Participated and presented a paper entitled "Some inqualities on Statistical Harmonic Summability" in International Conference in Sequence Spaces and Summability Theory, Istanbul Commerce University Turkey , May 12-13,2011.
5. International Workshop on Set-Valuations Signed Graphs, Geometry and Applications, Signed Degree Sequence in Signed Bipartite Graphs, DST,CR Rao AIMSCS Mananthavady India, Sept. 02-06,2011.
6. National Conference on Theoretical Computer Science and Discrete Mathematics, Mark sequences in Bipartite Digraphs, Kalasalingam University Tamil Nadu India , Jan. 09-11,2012.
7. 9th Joint Conference on Mathematics and Computer Science, Some Sequence spaces of invariant means defined by the modulus function, Siafok Hungary, Feb. 9-12,2012.
8. 8th JK Science Congress 2012, University of Kashmir. On some new sequence sequence spaces of invariant means, Sept. 17- 19,2012 .
9. Two Day National Conference on Analysis and Applications, On some sequence spaces of invariant means defined by modulus function.NIT, Srinagar, Nov. 19 – 20, 2012.
10. International Conference on Applied Mathematics and Theoretical Computer Science, Nagercoil Tamil Nadu India, On some difference sequence spaces and matrix transformation, Feb.24-25, 2013.
11. Participated and presented a paper on" Some Spaces of Weighted Statistical Convergence" in International conference on "Operations Research for Data Analytics and Decision Analysis" ,Department of Statistics ,University of Kashmir, Srinagar, Oct. 19-23, 2013.
12. Participated in 19th IDEA Conference and presented a paper, E-Learning in Open and Distance Learning System ,organized by

Directorate of distance Education, Universityof Jammu, April 12-14, 2014.

13. Participated and presented a paper on "Mark Sequences in Digraphs" in international Workshop on "Combinatories and optimizations (BWCOP 2014) being held at Instit Technologi Bandung(ITB), West Java,Indonesia ,O1-02,November,2014.

14. Participated and presented a paper on" On Some Sequences Spaces of Harmonic Summability and their inequalities " in International conference on "Algebra, Geometry, Analysis and their Applications" organized by Department of Mathematics Jamia Millia Islamia, New Delhi, November 27- 29, 2014.

15. Participated in " 2015 international conference on advances in Computers,Communication and Electronic Engineering" organized by Department of Electronice and Instrumentation Technology University of Kashmir Srinagar,March 16-18, 2015.

16. Participated in 20th IDEA 2015 and presented a paper, Use of ICT in ODL system,Tamil Nadu Open University, Chennai, April 23-25,2015.

17. Participated in research promotion workshop on "Introduction to graph and Geometric Algorithms organized by Department of Mathematics and University of Kashmir, School of Technology and Computer Science TIFR & NBHM Department of Atomic Energy,Govt. of India, May 18-20, 2015.

18. Participated in national level workshop on Mathematics and its Applications organized by Department of Mathematics and University of Kashmir & NBHM Department of Atomic Energy, Govt. of India October 05-11, 2015.

19. Participated and presented a paper during Colloquium on Combinatorics 2015, Ilmenau Germany, Nov. 6-7, 2015.

20. Participated and presented a paper in International Conference on Graph Theory", on "Directed Graphs and their Mark Sequences", organized by Centre for Discrete Mathematics Zhejiang Normal University China, from Oct. 28- 31, 2016.

21. Delivered a talk in Xian Jiatong Liverpool University China, Oct. 01 – 03, 2016.

22. Participated and presented a paper in 26th British Combinatorial Conference (BCC), on " On Mark Sequences in Bipartite Multidigraphs",organized by Department of Computer and Information Sciences, University of Strathcyde Glasgow, UK, from July 03- 07, 2017.

23. Delivered an invited talk (On some generalized difference sequence spaces defined by an Orlicz function and statistical convergence) in the 3rd International Conference on Pure and

Applied Mathematics, November 10-11, University of Sargodha, Pakistan.

24. Delivered a plenary talk in the Symposium on Graphs and Analysis, November 13, 2017, COMSATS Institute of Information Technology, Lahore, Pakistan.

LIST OF RESEARCH PAPERS PUBLISHED

1. Some spaces of lacunary sequences defined by the modulus, J. Analysis 4(1996), 153-159.
2. Some sequences spaces of invariant means with an index.Y.Y.U, Journal of Faculty of Education. Vol. 1 No.2 (1996), 46-51.
3. On some new sequence spaces of invariant means. Acta Math. Hungarica, 73 (3) (1997), 185-190.
4. Strongly σ- convergent sequences defined by the Orlicz functions. J.Analysis. 7 (1999), 213-218.
5. Some new convergent sequence spaces defined by Orlicz Functions and statistical convergence. Italian Journal of Pure and Applied Mathematics, No. 9, 2001 (25-32).

6. A tour at Travelling Salesman Problem, The Communications, Vol.15, No.1, 2005, 125-128.
7. Some spaces of lacunary convergent sequences defined by Orlicz Functions, Novi Sad Journal of Mathematics Vol.35, No.2, 2005,19-25.
8. Number of score lists in Bipartite Tournaments, Bull. Pure and Applied Sciences, Vol.24 E, No.2, 2006.
9. Score sets in oriented Bipartite Graphs,Novi Sad Journal of Mathematics, Vol.36, No.1, 2006, 35-45.
10. Almost A-Statistical Convergence in Normed Space, Italian Journal Of Pure and Applied Mathematics, N.25,2009, 219- 226.
11. Score lists in [h,k]-bipartite hypertournaments, Discrete Mathematics and Applications,Vol.19, No.3, 2009, 321-328.
12. Weighted statistical Convergence, Iranian Journal of science & Technology, Transitions A, vol.33, No.A3, 219- 223,2009.
13. On Imbalances In Oriented Bipartite Graphs, Eurasian Mathematical Journal Vol.1, No.2, 2010,136-141.
14. Statistical models and their applications to the tourist inflow data in Jammu & Kashmir,The Communications,Vol.20, No.1, 2011, 186-196.
15. Mark sequences in bipartite multidigraphs and constructions , Acta Univ. Sapientiae, Mathematica, 4, 1 ,2012, 53-64.

16. On Mark Sequences in Bipartite digraphs,Journal of Combinatorial Mathematics and Combinatorial Computing, 2013, 37-45.
17. On Some Difference Sequence Spaces and Matrix transformation, Proceedings of International Conference on Mathematics & Theoretical Computer Science,IEEE,Vol.I 2013, 304-307.
18. Fixed Point Theorems and Cone Banach Spaces, International journal of Mathematical Archive,4(8),2013,261-65.
19. Fixed Points and Fixed point property, International journal of Mathematical Archive, 5(8),2014,114-118.
20. Some inequalities on class of matrices and statistical harmonic summability, International Journal of Engineering Mathematical Sciences, Vol. 4, 2013, 1-7.
21. Expertise of the students and Expectations from the Distance Learning system: social Media perspective, The Communications,vol.22.No.1, 2014, 11-16.
22. Some sequence spaces defined by modulus   function and uniform σ -Statistical convergence, International journal of Mathematical Archive ,5(1),2014,197-201.
23. On independence numbers of uniform Hypergraphs, Acta Universitatis Sapientiae Informatica, 6,1,2014,132-158.
24. Properties of strong double graphs, Journal of   Discrete Mathematical Sciences and Cryptography, Vol.17,No.4,2014,311-319.
25. Mark sequences in multipartite multidigraphs, International Journal of Mathematics and   Statistics, Vol. 16, No.1 2015, 106-115.
26. A Generalization of Minimax Distribution International Journal of Statistics and Mathematics Vol. 4(1), 082-098, June, 2017.
27. Posterior Estimates of Exponentiated Minimax Distribution under Different Priors , Journal of Reliability and Statistical Studies , Vol. 10, I (2017): 97-111
28. Sampling Contingency Tables AKCE International J. Graphs and Combinatorics(To Appear).