

Curriculum Vitae

IZHAR UDDIN

PhD (Mathematics)

Assistant Professor Since 29-10-2015

Jamia Millia Islamia, New Delhi

E-mail:-izharuddin1@jmi.ac.in

izharuddin.rm@gmail.com



❖ Personal Profile

Presently, Dr Izhar Uddin is working as an assistant professor at Department of Mathematics, Jamia Millia Islamia, New Delhi since 29-10-2015. Dr. Uddin has completed his PhD from Department of Mathematics, Aligarh Muslim University, Aligarh in the field of nonlinear functional analysis. During his PhD, he worked on some problems of approximating fixed points in Banach as well as CAT(0) spaces. He has published more than 23 research papers in international journals of repute with high impact factors like Fixed Point Theory and Applications (Impact Factor 2.49), Journal of Nonlinear and Convex Analysis (Impact Factor .906), Bulletin of the Malaysian Mathematical Sciences Society (Impact Factor .854), Mediterr. J. Math. (0868), Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas (Impact Factor .690) and many others. Dr. Izhar Uddin has been presented his research papers in 15 international/national conferences held in India and abroad (which includes USA, Thailand, Taiwan and Turkey). Moreover, he has attended eight workshops and advanced training programs. Dr. Uddin has qualified CSIR/UGC-NET exam in June 2009 with All India Ranking 0058 and awarded Maulana Azad National Fellowship by UGC during his PhD. Also, he has been worked as an assistant professor (ad-hoc) for four months in Applied Science Section, University Polytechnic, Aligarh Muslim University, Aligarh.

❖ Academic Qualifications

S. N.	Course	Year	Board/ University	College/ School	Division	Percentage	Marks in Mathematics
1.	High school	2001	U. P. Board	G. I. C. Bhojpur	Second	51.6	85
2.	Intermediate	2003	U. P. Board	H.M.I.C. Moradabad	First	66.8	75
3.	B. Sc. (Hons.)	2007	A.M.U., Aligarh	A.M.U., Aligarh	First	71.2	75
4.	M. Sc.	2009	A.M.U., Aligarh	A.M.U., Aligarh	First	75.75	75.75
5.	M. Phil.	2011	A.M.U., Aligarh	A.M.U., Aligarh	Awarded	80.8	
6.	Ph. D. with Coursework	2014	A.M.U., Aligarh	A.M.U., Aligarh	Awarded		

❖ Title of Thesis

- **Approximating Fixed Point in Banach and CAT(0) Spaces**

❖ FELLOWSHIPS / AWARDS / HONORS

- Qualified NET June 2009 with AIR 54.
- Availed Maulana Azad National Fellowship During PhD.
- IMRF Best Scientist Award at Carmel College for Woen, Nuvem, Goa on Dec 28th, 2018.
- Young Scientist Best Paper Presentation Award in 17th Annual Conference of VPI at GDP College, Rajnand Gaon, Chhattisgarh, India on Feb 20-21, 2014.
- Best Oral presentation in SESFC-2014 at HSCA.

❖ DETAILS OF TEACHING EXPERIENCE

- 4 Year of UG and PG level.

❖ Courses Taught

- Real Analysis
- Topology
- Linear Algebra
- Measure Theory
- Functional Analysis
- Differential Equation

❖ Publications

1. **Izhar Uddin, Sumitra Dalal and Mohammad Imdad**, Approximating fixed point for generalized nonexpansive mappings in CAT(0) spaces, **Journal of Inequalities and Applications**, (2014), 2014:155, 12pp. (Sci-Expanded Impact Factor .768).
2. **Izhar Uddin, Afrah AN Abdou and Mohammad Imdad**, A new iteration scheme for a hybrid pair of generalized nonexpansive mappings, **Fixed Point theory and Applications**, (2014), 2014:205, 13 pp. (Sci-Expanded Impact Factor 2.49).
3. **Izhar Uddin and Mohammad Imdad**, Some convergence theorems for a hybrid pair of generalized nonexpansive mappings in CAT(0) spaces, **Journal of Nonlinear and Convex Analysis**. Vol. 16 (3), 2015, 447-457. (Sci-Expanded Impact Factor .906).
4. **Izhar Uddin, M. Imdad and Javid Ali**, Convergence theorems for a hybrid pair of generalized nonexpansive mappings in Banach spaces, **Bulletin of the Malaysian Mathematical Sciences Society**, 38(2), (2015), 695–705. (Sci-Expanded Impact Factor .854).

5. **Izhar Uddin and Mohamad Imdad**, On certain convergence of S-Iteration scheme in CAT(0) spaces, **Kuwait J. Sci.** **42 (2) (2015), 93-106.** (Sci-Expanded Impact Factor .693).
6. **Izhar Uddin, J. J. Nieto and Javid Ali**, One-step iteration scheme for multivalued nonexpansive mappings in CAT(0) spaces, **Mediterr. J. Math.** **13 (3) (2016), 1211–1225.** (Sci-Expanded Impact Factor .653).
7. **Izhar Uddin and Mohammad Imdad**, A new iteration scheme for a hybrid pair of nonexpansive mappings, **Honam Mathematical Journal.** **38(1), (2016), 127-139.** ESCI.
8. **Izhar Uddin, Javid Ali, Juan J. Nieto**, An iteration scheme for a family of multivalued mappings in CAT(0) spaces with an application to image recovery, **Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas**,**112(2), (2018), 373–384.** (Sci-Expanded Impact Factor 1.074).
9. **Izhar Uddin and M. Imdad**, Convergence of SP-iteration for generalized nonexpansive mapping in Hadamard spaces, **Hacettepe Journal of Mathematics and Statistics**,**47 (6) (2018), 1595 -1604.** (Sci-Expanded Impact Factor .413).
10. **Izhar Uddin, Chanachal Garodia and Juan Jose Nieto**, Mann iteration for monotone nonexpansive mappings in ordered CAT(0) space with an application to integral equations, **Journal of Inequalities and Applications** **2018(1), 339pp13.**(Sci-Expanded Impact Factor .966).
11. **Izhar Uddin and Arti Saxena**, A new S-type iteration scheme for generalized nonexpansive mappings, Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, **89, (1), (2019), 149–153** (Sci-Expanded Impact Factor .681).
12. **Chanachal Graodia and Izhar Uddin**, Some convergence results for generalized nonexpansive mappings in CAT(0) spaces, **Commun. Korean Math. Soc.** **(2019) 34, (1), 253-265.** (ESCI and SCOPUS).
13. **Sajan Aggarwal, Izhar Uddin**, Convergence and stability of Fibonacci-Mann iteration for a monotone non-Lipschitzian mapping, **Demonstratio Mathematica**, **52 (1), 388-396 (2019).**
14. **Atiya Perveen, Izhar Uddin and Mohammad Imdad**, Generalized contraction principle under relatively weaker contraction in partial metric spaces, **Advances in Difference Equations**, **2019 (1), 88.**(Sci-Expanded Impact Factor 1.066)
15. **Sajan Aggarwal, Izhar Uddin and Juan J. Nieto**, A fixed-point theorem for monotone nearly asymptotically nonexpansive mappings, **J. Fixed Point Theory**

Appl. (2019) 21:91. DOI: <https://doi.org/10.1007/s11784-019-0728-5>, (Sci-Expanded Impact Factor 1.253).

16. **Javid Ali, Izhar Uddin, Vladimir Rakocevic**, Some convergence theorems for new iteration scheme in CAT(0) spaces, **Miskolc Maths Notes**. (2019) 20(2), 1285–1297. (Sci-Expanded Impact Factor .585).
17. **Mohammad Asim, Izhar Uddin, Mohammad Imdad**, Fixed point results in m -metric spaces with an application, **Journal of Inequalities and Applications**. (2019) 280, pp 19. (Sci-Expanded Impact Factor 1.136).
18. **Chanchal Garodia and Izhar Uddin**, Approximating Common Fixed Point of Nonexpansive Mappings in CAT(0) Spaces, **U.P.B. Sci. Bull., Series A**, (2019), 81(4), 85-96.
19. **Sabiya Khatoon, Izhar Uddin, Nuttapol Pakkaranang, Nopparat Wairojjana**, Common fixed points of modified Picard-S iteration process involving two g -nonexpansive mappings in CAT(0) space with directed graph, **Thai Journal of Mathematics**, (2019) 18(1), 1-13.
20. **Sabiya Khatoon and Izhar Uddin**, Convergence analysis of modified Abbas iteration process for two G -nonexpansive mappings, **Rendiconti del Circolo Matematico di Palermo Series** (2020), 1-14.
21. **Chanchal Garodia and Izhar Uddin**, A new fixed point algorithm for finding the solution of a delay differential equation, **AIMS Mathematics**, (2020) 5(4): 3182–3200.
22. **Sabiya Khatoon, Izhar Uddin and Dumitru Baleanu**, Approximation of fixed point and its application to fractional differential equation, **J. Appl. Math. Comput.** (2020) 1-19.
23. **Faeem Ali, Javid Ali, Izhar Uddin**, A novel approach for the solution of BVPs via Green's function and fixed point iterative method, **J. Appl. Math. Comput.** (2020) 1-15.
24. **N Wairojjana, N Pakkaranang, I Uddin, P Kumam, AM Awwal**, Modified proximal point algorithms involving convex combination technique for solving minimization problems with convergence analysis, **Optimization** (2020) 69 (7-8), 1655-1680.
25. **Chanchal Garodia, Izhar Uddin**, A new iterative method for solving split feasibility problem, **Journal of Applied Analysis and Computation** (2020) 10 (3), 986-1004. (Sci-Expanded Impact Factor 1.116).
26. **Sabiya Khatoon, Vittorio Colao, Izhar Uddin**, Approximating fixed points of generalized α -Reich-Suzuki nonexpansive mapping in CAT(0) space, **Journal of Nonlinear and Convex Analysis** (2020) 21(9) 2139-2150.

27. **Izhar Uddin, Javid Ali, FAIK Gürsoy**, STABILITY AND DATA DEPENDENCE RESULTS FOR ZAMFIRESCU MULTI-VALUED MAPPINGS, **TWMS Journal of Applied and Engineering Mathematics**, (2020) 10(3) 702.
28. **Izhar Uddin and Mohammad Imdad**, On Belluce and Kirk type theorem in CAT(0) spaces, Accepted to be appear in **Journal of Nonlinear and Convex Analysis**. (Jointly with M. Imdad). (**Sci-Expanded Impact Factor .906**).
29. **Izhar Uddin, Sajjan Aggarwal, Khanitin Muangchoo-in, PoomKumam**, Some convergence theorems for monotone nonexpansive mappings in hyperbolic metric spaces, (Accepted to be appear in Thai Journal of Mathematics). (**ESCI and SCOPUS**).
30. **Javid Ali and Izhar Uddin**, Convergence of SP-iteration for generalized nonexpansive mapping in Banach spaces, accepted to be appear in **Ukrainian Mathematical Journal**. (**Sci-Expanded Impact Factor .345**).

❖ Conference at Abroad

1. Presented paper entitled “New Fixed Point Theorems in CAT(0) spaces” in **The 6th International Conference on Fixed Point Theory and Applications**, held at **Uttaradit Rajabhat University , Uttaradit, Thailand**, during 3-11 August 2012.
2. Presented paper entitled “Ishikawa Iterative Process for A Pair of Single Valued And Multivalued Generalized Nonexpansive Map” in the **International Conference in Nonlinear Equation Theory, Methods and Applications** Held at **Texas A&M, University, Kingsville, Texas USA** during 17-21, December, 2012.
3. Presented paper entitled “Approximation of fixed points for generalized nonexpansive mappings in CAT(0) spaces ” in **The 7th Asian Conference of Fixed Point Theory and Optimization-2013**, held at **Kasetsart University, Bangkok, Thailand** during 18-20, July, 2013.
4. Presented paper entitled “Approximation of fixed points for generalized nonexpansive mappings in CAT(0) spaces ” in **International Conference of Nonlinear Analysis and Optimization-2013**, held at **National Sun Yet-sen University, Kaohsiung, Taiwan** during 20-22, December, 2013.
5. Presented paper entitled “One step iteration scheme for multi-valued nonexpansive mappings in CAT(0) spaces” in The 11th “**International Conference Fixed Point Theory and its Applications**” **GalatsarayUniveristy, Istanbul, Turkey** during July 20-24, 2015.
6. Presented paper entitled “A New Iteration Scheme For A Hybrid Pair” in the 2nd “**International Conference On Analysis and its Applications**” **Ahi EvranUniversity, Kirsehir-Turkey** during, July 12-15, 2016.

7. Delivered a talk on “**International Conference On Applied Mathematics and Analysis**” **Atilim University, Ankara, Turkey** during, July 11-13, 2016.
8. Delivered a talk on “**3rd International Conference on Mathematical Science and Statistics**” **Le Meridien Putrajaya, Malaysia** during, Feb 6-8, 2018.
9. Delivered a talk on “**A new iteration method and its application in Hadmard Spaces**” in **7th International workshop titled “Recent Contribution to Fixed point theory” at King Fahd University of Petroleum and Minerals, Saudi Arab** during. Jan 03-04, 2018.
10. Attended workshop on “**Generalization on fixed point theory and application**” at **KMUTT, Thailand** during Nov 19-23, 2018.
11. Presented paper entitled “**Approximating Common Fixed Point**” in the **23rd “International Conference of International Academy of Physical Sciences” at Nepal Academy of Science and Technology, Kathmandu, Nepal** during, Nov16-18, 2016.
12. Presented paper entitled “**Some existence and convergence results for monotone mappings**” in **12th ISAAC congress, held at the University of Aveiro, Portugal**, from July 29 until August 2, 2019.

Conference in India

1. Presented a paper entitled “**Some Fixed Point Theorems in CAT(0) Spaces**” in **National Conference On Emerging Trends in Basic Sciences** sponsored by Madhya Pradesh Council of Science and Technology (M.P.) and organized by Samrat Ashok Technological Institute Vidisha (M.P.) during 23-24 December, 2011.
2. Presented a paper entitled “**some fixed point results on generalized nonexpansive mappings in CAT(0) spaces**” in **International Conference on Differential Geometry, Functional Analysis and Applications** held in **Department of Mathematics, Jamia Millia Islamia, New Delhi** during September 8-10, 2012.
3. Presented a paper entitled “**On Certain Convergence of Hybrid Pair of Mappings in CAT(0) Spaces**” in **18th Annual-cum 3rd International Conference of Gwalior Academy of Mathematical Sciences on Mathematical, Computational and Integrative Sciences**, held at **Maulana Azad National Institute Of Technology, Bhopal** during 22-26, Sept., 2013.
4. Presented a paper entitled “**Some Convergence Theorems of Hybrid Pair of Nonexpansive Mappings in CAT(0) spaces**” in **International Conference on Recent Trends in Algebra and Analysis with Applications** held at **Department of Mathematics, Aligarh Muslim University, Aligarh** during February 12-14, 2014.

5. Presented a paper entitled “Remarks on One Step Iteration Scheme for Two Multivalued Nonexpansive Mappings” in **National Seminar on Advances on Nonlinear Analysis and Optimization** held at **Department of Mathematics, Pt. Ravi Shankar Shukla University, Riapur** during February 15-17, 2014.
6. Presented a paper entitled “Some Weak convergence Theorems for One Step Iteration Scheme for Two Multivalued Nonexpansive Mappings” in **National Seminar on Mathematics Through the Ages** held at **Department of Mathematics, Government Digvijay PG College** during February 20-21, 2014.
7. Presented a paper entitled “A new Iteration for two multivalued nonexpansive mappings” in **National Conference on Recent Trends in Mathematical modeling and soft computing Techniques** at Manav Rachna International University on Saturday, 29th March, 2014.
8. Presented paper entitled “A new iteration scheme for two multi-valued mappings in CAT(0) spaces” in the “**International Conference on Analysis and its Applications**” **Aligarh Muslim University, Aligarh** during December 19-21, 2015.
9. Presented a paper entitled “Some Recent Fixed Point Theorems in CAT(0) Space” in National Workshop on **Analysis, Differential Equations and Applications** at **Department of Mathematics and Statistics, MLSU Udiapur** during February 25-27, 2016.
10. Presented paper entitled “Image Recovery Problem in Hadamard Spaces” “**2017 Symposium on Mathematical Programming and Game Theory**” during January 9-11, 2017.
11. Delivered a talk on “Image Recovery Problem in CAT(0) Spaces” in the “**International Conference on Mathematical Analysis and its Applications**” **Daynand Science College, Latur** during March 5-9, 2017.
12. Delivered invited talk on “Some fixed point theorems in Geodesic Spaces” in the “**Recent Advancement in Science & Technology**” **Technocrats Institute of Technology, Bhopal** during May 5-7, 2017.
13. Presented paper entitled “Application of fixed point Theory in Geodesic” in the 2nd “**International Conference On Analysis and its Applications**” **Aligarh Muslim University, Aligarh** during, November 20-22, 2017.
14. Presented paper entitled “A new iteration method and its application in Hadamard spaces” in the “**Conference On Analysis and its Applications**” **South Asian University, New Delhi** during December 9-11, 2017.
15. Delivered invited talk on “Proximal point algorithm in CAT(0) spaces” in the “**Internatinal conference on mathematics science and applications**” **Department**

of pure and applied mathematics, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh during Feb 23-25, 2018.

16. Delivered invited talk on “Fixed point theory and its applications” **in the workshop “Fixed point Theory and Application” Department of mathematics, Central university of Kerala, Kerala** during Oct 13-14, 2016.
17. Delivered invited talk on “Some convergence results for generalized nonexpansive mappings in CAT(0) spaces” **in the “Internatinal conference on Advances in mathematics and Computer Science” V.V. Vanniaperumal College for Women, Viruhunagar, Tamil Nadu** during Dec 14-16, 2017.
18. Presented paper entitled “A New Fixed Point Iteration” in the “**International Conference Modern Research in Physical, Chemical Science, Mathematics, Statistics and Emerging Energy Technology**” JNU, New Delhi during September 9, 2018.
19. Delivered invited talk on “Some recent fixed point theorems” **in the “International conference on emerging trends in computing technology and management” TIT, Bhopal** during Feb 07-09, 2019.

PERSONAL PROFILE:

Father Name: Mr. Badar Uddin
Mother’s Name: Mrs. Qamar Jahana
Date of Birth: 16. 04. 1986
Gender: Male
Marital Status: Married
Nationality: Indian
Permanent Address: Zamindaran Bhojpur Moradabad 244402.
Correspondence Address: Department of Mathematics Jamia Millia Islamia, New Delhi-25