Personal Details:

Name: Dr. A Anthony Eldred

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Teaching Experience: *Assistant Professor* (Nov' 2007- Till Date),
Department of Mathematics , St.Joseph's College , Trichy
Lecturer (Jun'2006 – Nov'2007), Department of
Mathematics Loyola College, Chennai.
Guest Lecturer(Dec'2001-Apr2002), Department of Mathematics
Pachiyappa's College, Chennai.

Educational Qualification:Ph.D,Indian Institute of Technology,Madras,2007

M.Phil, Loyola College, University of Madras,2001

M.Sc, Loyola College, University of Madras, 2000

B.Sc, Loyola College, University of Madras, 1998

Title of Ph.D Thesis: *Existence and Convergence of Best Proximity Theorems*

Title of M.phil Thesis: *Fixed Point Theorems in Fuzzy Metric Spaces*
Research Areas: *Funtional Analysis, Fixed Point theory and Applications*.

Training programme: Orientation ,Pondichery University, May 2010

Refresher Course in Mathematics,Madurai Kamaraj
University 2012

STEM Teacher Training Workshop on Research based Pedagogical tools.

Refresher Course in Gender Studies ,Madurai Kamaraj University 2019.

Delivered 35 Talks as Resource Person in Seminars, Workshops, National and International Conferences , Guest Lectures and Association meetings.

Guided 6 PhD Students.

Publications:

1. Strong and Δ-Convergence of a New Iteration for Common Fixed Points of Two Asymptotically Nonexpansive Mappings
   Robert Dhiliban J.;Anthony Eldred A.
   International Journal of Analysis and Applications, Volume 21, Year 2023

2. Existence Of Best Proximity Pairs For Multivalued Mappings Satisfying Contractive Conditions In Hyperbolic Spaces
   S Jone Jayashree, A Anthony Eldred
   South east asian journal of mathematics and mathematical sciences, Volume 21, Year 2022, Pages 29-36

3. Convergence Of Modified Ishikawa Iterates For NearlyAsymptotically Nonexpansive Maps With New Control Condition
   Joyal roy, Anthony Eldred, Julia Mary
   South east asian journal of mathematics and mathematical sciences, Volume 21, Year 2022, Pages 13-28

4. Strong Convergence Theorems For Generalized Non-Expansive Mappings In Abbas And Nazir Iteratve Process
   Jawahar Peppy , A Anthony Eldred
   South east asian journal of mathematics and mathematical sciences, Volume 21, Year 2022, Pages 47-56

5. Comparison of Mann and Ishikawa Iterations for Zamfirescu Operators in Hyperbolic Spaces
   Joyal Roy P.;Anthony Eldred A.;Julia Mary P.
   AIP Conference Proceedings, Volume 2516, Year 2022, Pages

6. Convergence Results for Approximately Affine Mappings in Normed Spaces
   Praveen A.;Anthony Eldred A.
   AIP Conference Proceedings, Volume 2516, Year 2022, Pages

7. Noor iterative process for generalized non-expansive mappings
   Peppy M.J.J.;Eldred A.A.
   AIP Conference Proceedings, Volume 2385, Year 2022, Pages

8. Iterative approximation of best proximity pairs of asymptotically relatively nonexpansive mappings
   Ithaya Ezhil Manna S.;Eldred A.A.
   Applied Mathematics E - Notes, Volume 21, Year 2021, Pages 356-364

9. Strong and Δ- convergence of Ishikawa iterates of mixed type nonexpansive mappings in hyperbolic spaces
   A. Anthony Eldred ., S. Jone Jayashree .,
   Journal of Analysis, Volume 29, Year 2021, Pages 1339-1350

10. Strong convergence theorems for mixed type asymptotically nonexpansive mappings in hyperbolic spaces

S Jone Jayashree, A Anthony Eldred
Malaya journal of mathematik, Volume 1, Year 2020, Pages 380-385

11. Convergence of fixed points for closed graph operator satisfies Zamfirescu conditions
Jawahar Peppy , A Anthony Eldred
Malaya journal of mathematik, Volume 1, Year 2020, Pages 283-286

12. Convergence Of Best Proximity Point Theorems.
Arul Ravi, Anthony Eldred
Turkish Journal of Computer and Mathematics Education , Volume 4, Year 2020, Pages 3813681

13. On Some Geometrical Properties of Proximal Sets and Existence of Best Proximity Points S Arul Ravi , A Anthony Eldred
Asian journal of mathematical sciences, Volume 4, Year 2020, Pages 80-85

14.. M. Gabeleh, J. Maria Felicit and A. Anthony Eldred *Edelstein's Theorem for Cyclic contractive mappings in strictly convex Banachspaces.* **Nunerical Functional Analysis and Optimization** 41(9)(2020) 1027-1044

15. S. Jone Jayashree and A. Anthony Eldred *Strong Convergence theorems for mixed type asymptotically nonexpansive mappings inhyperbolic spaces* **Malaya Journal of Mathematik**(2020)(1)380-385.

16. M, Gabeleh, S.I. Ezhil Manna, A, Anthony Eldred and Olivier Olela Otafudu *Strong and Weak Convergence of Ishikwa Iterationsfor best proximity pairs* **Open Mathematics** 18 (2020)10-21.

17. S. Ithaya Ezhil Manna and A. Anthony Eldred *Weak and Strong convergence Theorems for Three step Iteration of asymptoticallyfirmly type nonexpansive mappings* **Nonlinear Functional Analysis and Optimization**(2019)

18. A Anthony Eldred, P Julia Mary *Strong Convergence of Modified Ishikwa Iterates for Assymtotically Non Expansive Maps with newcontrol conditions.***Communications of the Korean Mathematicalsociety** 33(4)(2018)1271-1284

19. S. Ithaya Ezhil Manna, A.Anthony Eldred *Weak and strong convergence theorems for assymtotically firmly type non expansivemappings* **Mathematical Sciences International Research Journal**(2018)

20. S.Ithaya Ezhil Manna , A .Anthony Eldred *Strong convergence ofBest Proximity Pairs of Assymtotically Relatively Non Expansive Mappings* **Far East Journal of Mathematical Sciences**109(1)(2018)25-35.

21. A.Anthony Eldred and A.Praveen *Convergence of Mann's iteration or Relatively Non Expansive Mappings* **Fixed Point Theory** 18(2017) No 2 545-554.

22. Moosa Gabeleh, P. Julia Mary , A .Anthony Eldred and Olivier OlelaOtafudu *Cyclic Pairs and common best proximity points in uniformly convex Banach spaces* **Open Mathematics (De Gruyter)**15 (2017) 711-723

23. Arul Ravi S., Anthony Eldred A. (2018) *Best Proximity Point Theorems for Generalized weakly Contractive Mappings.* **International Journal of Mathematics and its Applications** Vol 4(2016) 81-88

24. Arul Ravi S., Anthony Eldred A *Convergence of Best Proximity Points* **Journal of combinatorics, information & system sciences**Vol 40 (2015) 33-39

25. J. Maria Felicit and A Anthony Eldred *Best Proximity Points for Cyclical contractive mappings* **Applied General Topology** 16(2) (2015) 119-126

26. A.Anthony Eldred, V. Sankar Raj *A Characterization of StrictlyConvex Spaces and Applications* **Journal of Optimization Theory and Applications** 160(2014) 703-710.

27. . A. Anthony Eldred, V. Sankar Raj and P. Veeramani; *On bestpair theorems for relatively u-continuous mappings* **Nonlinear Analysis** 74 (2011) 3870-3875

28. A. Anthony Eldred and V.Sankar Raj ; *On Common Best ProximityPair Theorems*, **Acta Sci. Math.(Szeged)** 75 (2009), 707-721

29. A. Anthony Eldred, J. Anuradha, P. Veeramani; *On the equivalenceof the Mizoguchi–Takahashi fixed point theorem toNadler's theorem* **Applied Mathematics Letters** Volume 22, Issue 10, October 2009, 1539-1542

30. A. Anthony Eldred, P. Veeramani; *On best proximity pair solutions with applications to differential equations*, **The Indian Math. Soc., Special Centenary Volume** (1907-2007), 2008, 51-62.

31. A. Arockiasamy and A. Anthony Eldred; *Convergence ofKrasnoselskii iterations in the real line based on Asymptotically non-expansive mappings,* **Fixed Point Theory**Volume 9, No. 1, 2008, 17-22

32. Arockiasamy and A. Anthony Eldred; *A note on a fixed point theorem for ray oriented maps*, **Applied General Topology**

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33.   A. Arockiasamy and A. Anthony Eldred; *A note on directionally nonexpansive maps*, **Fixed Point Theory** Volume 8, No. 1, 2007, 11-15.

34. A. Anthony Eldred, J. Anuradha, P. Veeramani *On equivalence ofgeneralized multi-valued contractions and Nadler's fixed point theorem* **Journal of Mathematical Analysis and Applications** 336, Issue 2, 15 December 2007, Pages 751-757

35. Anthony Eldred, P. Veeramani; *Existence and convergence of best proximity points.* **Journal of Mathematical Analysis and Applications**, 323

(2006), no. 2, 1001-1006.

36.   A. Anthony Eldred, W. A. Kirk, P. Veeramani; *Proximal normal structure and relatively nonexpansive mappings*, **Studia Mathematica**. 171 (2005), 283-293

37. A. Arockiasamy and A. Anthony Eldred, *Convergence of Krasnoselskii iterations in the Real line*, Proceedings of the International Conference on Mathematics and Computer Science, Department of Mathematics, Loyola college, Chennai.

38. A. Anthony Eldred and A. Praveen *Demiclosedness principle for asymptotically nonexpansive mappings* Recent Developments in emerging fields in pure and applied Mathematics at Thiagarajar college, Madurai 39-46.(2015)

39.   A. Anthony Eldred and P. Julia Mary *Convergence of ishikwa iterates for asymptotically non expansive mappings* Recent Developments in emerging fields in pure and applied Mathematics at Thiagarajar college, Madurai 7-14.(2015)

40. A. Anthony Eldred and A. Praveen *A Fixed Point theorem for demicontinuous mappings* Proceedings on international conference on Mathematics and itsapplications.(2015)

41. S. Arul Ravi and A. Anthony Eldred *Existence of Best Proximity Points with metric spaces with UC and Proximal intersection Property*. Indian Journal of current research2(2015) 19-20

42. A. Praveen and A. Anthony Eldred *Demiclosedness Principle for demicontinuous*
Indian Journal of current research 2(2015) 38-40

43. J.Maria Felicit and A. Anthony Eldred *Best Proximity Points for cyclic mappings* Indian Journal of current research 2(2015) 41-44

44. Arul Ravi S., Anthony Eldred A. (2018) *Best Proximity Point Theorems for Generalized Contractive Mappings.* A., Merigó J., Dass B., Verma R. (eds) Applied Mathematics and ComputationalIntelligence. FIM 2015. **Advances in Intelligent Systems and Computing**,(**Springer**) vol 730.

Skills: Windows-based PC environment, MS Word, Basic Knowledge of Latex

Achievements: Published Four articles in top 100 Mathematics Journals.

Has around 1000 Citations with h-index 9