

Personal Details:

Name: Dr. A Anthony Eldred

Address: Assistant Professor

Department of Mathematics

St Joseph's College

Tiruchirappalli-620002

Phone: +91 9884883683

Teaching Experience: *Assistant Professor* (Nov' 2007- Till Date), Department

Of Mathematics , St.Joseph's college , **Trichy, Tamil Nadu,India.**

Lecturer (Jun'2006 – Nov'2007), Department of Mathematics

Loyola College, **Chennai, Tamil Nadu.**

Guest Lecturer(Dec'2001-Apr'2002), Department of Mathematics

Pachiyappa's College, **Chennai, Tamil Nadu.**

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

Achievements: Cleared NET in June 2000.

Published Four articles in top 100 Mathematics Journals.

Has around 500 Citations

Educational Qualification : PhD, 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: *Functional 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 20 Talks as Resource Person in Seminars, Workshops, National and International Conferences , Guest Lectures and Association meetings.

Guided Four PhD Students.

Publications:

1. A Anthony Eldred, P Julia Mary *Strong Convergence of Modified Ishikwa Iterates for Asymptotically Non Expansive Maps with new control conditions. Communications of the Korean Mathematical society* 33(4)(2018)1271-1284
2. S. Ithaya Ezhil Manna, A. Anthony Eldred *Weak and strong convergence theorems for asymptotically firmly type non expansive mappings Mathematical Sciences International Research Journal*(2018)
3. S. Ithaya Ezhil Manna , A .Anthony Eldred *Strong convergence of Best Proximity Pairs of Asymptotically Relatively Non Expansive Mappings Far East Journal of Mathematical Sciences*109(1)(2018)25-35.
4. Arul Ravi S.. Anthonv Eldred A. (2018) *Best Proximity Point Theorems for Generalized Contractive Mannings.* A.. Merigó J.. Dass B.. Verma R. (eds) *Applied Mathematics and Computational Intelligence. FIM 2015. Advances in Intelligent Systems and*

Computing, (Springer) vol 730.

5. A. Anthony Eldred and A. Praveen *Convergence of Mann's iteration for Relatively Non Expansive Mappings* **Fixed Point Theory** 18 (2017) No 2 545-554.
6. Moosa Gabeleh, P. Julia Mary, A. Anthony Eldred and Olivier Olela Otafudu *Cyclic Pairs and common best proximity points in uniformly convex Banach spaces* **Open Mathematics (De Gruyter)** 15 (2017) 711-723
7. 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
8. Arul Ravi S., Anthony Eldred A. *Convergence of Best Proximity Points* **Journal of combinatorics, information & system sciences** Vol 40 (2015) 33-39
9. J. Maria Felicit and A. Anthony Eldred *Best Proximity Points for Cyclical contractive mappings* **Applied General Topology** 16(2) (2015) 119-126
10. A. Anthony Eldred, V. Sankar Raj *A Characterization of Strictly Convex Spaces and Applications* **Journal of Optimization Theory and Applications** 160(2014) 703-710.
11. A. Anthony Eldred, V. Sankar Raj and P. Veeramani; *On best pair theorems for relatively u-continuous mappings* **Nonlinear Analysis** 74 (2011) 3870-3875
12. A. Anthony Eldred and V. Sankar Raj ; *On Common Best Proximity Pair Theorems,* **Acta Sci. Math.(Szeged)** 75 (2009), 707-721
13. A. Anthony Eldred, J. Anuradha, P. Veeramani; *On the equivalence of the Mizoguchi–Takahashi fixed point theorem to Nadler's theorem* **Applied Mathematics Letters** Volume 22, Issue 10, October 2009, 1539-1542
14. 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.
15. A. Arockiasamy and A. Anthony Eldred; *Convergence of Krasnoselskii iterations in the real line based on asymptotically non-expansive mappings,* **Fixed Point Theory** Volume 9, No. 1, 2008, 17-22
16. Arockiasamy and A. Anthony Eldred; *A note on a fixed point theorem for ray oriented maps,* **Applied General Topology** Volume 9, No. 2, 2008 pp. 185-188

17. A. Arockiasamy and A. Anthony Eldred; *A note on directionally nonexpansive maps*, **Fixed Point Theory** Volume 8, No. 1, 2007, 11-15.
18. A. Anthony Eldred, J. Anuradha, P. Veeramani *On equivalence of generalized multi-valued contractions and Nadler's fixed point theorem* **Journal of Mathematical Analysis and Applications** 336, Issue 2, 15 December 2007, Pages 751-757
19. Anthony Eldred, P. Veeramani; *Existence and convergence of best proximity points*. **Journal of Mathematical Analysis and Applications**, 323 (2006), no. 2, 1001-1006.
20. A. Anthony Eldred, W. A. Kirk, P. Veeramani; *Proximal normal structure and relatively nonexpansive mappings*, **Studia Mathematica**. 171 (2005), 283-293

Conference Proceedings

1. 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.
2. 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.
3. 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.
4. A. Anthony Eldred and A. Praveen *A Fixed Point theorem for demicontinuous mappings* Proceedings on international conference on Mathematics and its applications.
5. 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 research 2(2015) 19-20

6. A. Praveen and A. Anthony Eldred *Demiclosedness Principle for demicontinuous* Indian Journal of current research 2(2015) 38-40
7. J.Maria Felicit and A. Anthony Eldred *Best Proximity Points for cyclic mappings* Indian Journal of current research 2(2015) 41-44