

STAFF PROFILE

- 1) Name : Dr.M.Trinita Pricilla
- 2) Designation : Assistant Professor
- 3) Department : Mathematics
- 4) Qualification : M.Sc.,M.Phil.,Ph.D
- 5) Experience : Teaching :12 years 7 months Research : 10 years
- 6) Area of Specialization (s) : Topology
- 7) E-mail : sharmila.kennet@gmail.com
- 8) Academic Qualifications:M.Sc.,M.Phil.,Ph.D
- 9) Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	4
M. Phil.	3	1

10) Research Publications

International

1. I.Arockiarani and M.Trinita Pricilla, On supra Generalized b-closed sets, *Antartica Journal Of Mathematics.*, (2011) 8(2), 115-121.
2. I.Arockiarani and M.Trinita Pricilla, On Supra T-closed sets, *Int.J.Mathematical Archive.*, (2011) 2(8),1376-1380.
3. I.Arockiarani and M.Trinita Pricilla, On Almost contra g^ub – continuous functions,*Int.J.of Mathematical sciences and Applications*, (2011) 1(3), 1537-1542.

4. I.Arockiarani and M.Trinita Pricilla, Approximately - $g^u b$ – continuous functions, *Bulletin of Kerala Mathematics Association*, (2011) 8(2) ,293-302.
5. I.Arockiarani and M.Trinita Pricilla, On Completely $g^u b$ – irresolute functions in supra topological spaces,*Int.J.of Mathematical Engineering and science.*, (2012) 1(4) , 72-80.
6. I.Arockiarani and M.Trinita Pricilla, τ^* –Generalized b-Locally closed sets in supra topological spaces,*Int.J.of Computer Application.*, (2012) 2(2) ,206-214.
7. I.Arockiarani and M.Trinita Pricilla, $g^u b$ –homeomorphisms in supra topological spaces, *Int.J.of Theoretical and Applied Physics*, (2012) 2(1), 49-60.
8. I.Arockiarani and M.Trinita Pricilla, On Contra $g^u b$ – continuous functions and Contra $g^u b$ irresolute functions,*Int.J.of Advanced Scientific Research and Technology*, (2012) 3(2), 1-7.
9. I.Arockiarani and M.Trinita Pricilla, Some Stronger Forms of $g^u b$ – continuous functions, *IOSR Journal of engineering*, (2012) 1(1),111-117.
10. I.Arockiarani and M.Trinita Pricilla, On Generalized b- regular closed sets in supra topological spaces, *Asian Journal of current Engineering and Maths* (2012) 1(1) ,1-4.
11. I.Arockiarani and M.Trinita Pricilla, τ^* -generalized b -closed sets in supra topological spaces, *Far East Journal of Applied Mathematics*, (2011) 55(2).
12. I.Arockiarani and M.Trinita Pricilla, On totally $g^u b$ – Continuous functions in supra topological spaces, *J. Acad. Indus. Res.* (2012)1 (5), 246-250.
13. I.Arockiarani and M.Trinita Pricilla, $\pi\Omega$ –Closed and $\pi\Omega_s$ –closed set in supra Topological spaces, *Int. J Comp Sci. Emerging Tech.*, (2011) 2(4) ,534-538.
14. M.Trinita Pricilla and R.Sindhiya, Pairwise bg closed and pairwise $*$ bg -closed set in Bitopological space, *International Journal of Mathematical Archive* (2015) 6(8) ,201-

206.

15. M.Trinita Pricilla and Maggi.I, $\mu\alpha^*$ -closed set and $\mu\alpha^{**}$ -closed set in supra topological spaces,*International Journal of Innovative research in science,Engineering and technology* (2016) 5(6),11558-11562.

16. S.Pavulin Rani and M.TrinitaPricilla , A note on Various types of continuity via J_p^μ –closed sets $J_p^{\mu*}$ – closed sets ,*Mathematical Sciences International Research Journal*,(2016) 5(2),183-186.

17. M.Dhanapackiam and M.Trinita Pricilla, A new version of locally closed sets in nano topological spaces, *IARJSET*, 2016 3(7),241-246 .

18.M.Dhanapackiam and M.Trinita Pricilla, New class of Nano*generalized b-continuous functions in nano topological spaces, *IJESC*, 2016 6(8),2264-2269 .

19.M.Dhanapackiam and M.Trinita Pricilla, Some forms of nano*generalized b-closed maps in nano topological spaces, *IJAR*, 2016 2(9),756-762.

20. Mary Margaret. A, Trinita Pricilla. M, Neutrosophic vague generalized pre-closed sets in neutrosophic vague topological spaces, *International Journal of Mathematics and its Applications*, (2017)5(4), 747–759.

21.S.Pavulin Rani and M.TrinitaPricilla,Generalized b closed sets in vague topological spaces,*International Journal of Applied Research*, (2017) 3(7),519-525.

22. S.Pavulin Rani and M.TrinitaPricilla,Vague generalized b continuous mappings,*IJRASET*, (2017)5(8),1408-1418

23. S.Pavulin Rani and M.TrinitaPricilla,Vague contra generalized b continuous mappings, *International Journal for Scientific Research*, (2017)5(7),682-685

24. Mary Margaret. A, Trinita Pricilla. M, Neutrosophic vague generalized pre-continuous and irresolute mappings, *International Journal of Engineering, Science and Mathematics*, (2018) 7(2), 228–244.
25. Mary Margaret. A, Trinita Pricilla. M, Neutrosophic Vague Generalized Pre Connectedness in Neutrosophic Vague Topological Space, *International Journal of Mathematics Trends and Technology*, (2018)58(2), 85–93.
26. Mary Margaret. A, Trinita Pricilla. M, On Neutrosophic Vague Generalized Pre Minimal Closed Sets, *International Journal of Scientific Research and Review*, (2018)7(10), 171–179.
27. Mary Margaret. A, Trinita Pricilla. M, A Note On Neutrosophic Vague P-Spaces And Weak Neutrosophic Vague P-Spaces, *International Journal of Mechanical and Production Engineering Research and Development*, (2018) 8, 1242–1250.
28. Mary Margaret. A, Trinita Pricilla. M, Some Forms of NVGP-Irresolute Mappings, *International Journal of Research and Analytical Reviews*, (2019)6, 24–30.
29. Mary Margaret. A, Trinita Pricilla. M, Neutrosophic Vague Topological Spaces, *Neutrosophic Sets and Systems*, (2019)28, 179–190.
30. Mary Margaret. A, Trinita Pricilla. M, An Application of Neutrosophic Vague Max-Min Composition Technique, *International Journal of Engineering and Advanced Technology*, (2019)9(1), 5586–5589.
31. Arulpandy P, Trinita Pricilla M, Some similarity and entropy measurements of bipolar Neutrosophic soft sets, *Neutrosophic Sets and Systems*, (2019)25(1), 174-194.
32. Arulpandy P, Trinita Pricilla M, Reduction of indeterminacy of gray scale image in bipolar neutrosophic domain, *Neutrosophic Sets and Systems*, (2019)28(1), 1-12.
33. Priya.I, Trinita Pricilla M, Vague generalized semi closed sets in Vague topological spaces, *The International Journal of analytical and experimental modal analysis*, (2019)11(10), 1334-1340.
34. Priya.I, Trinita Pricilla M, Vague generalized semi continuous mappings in topological spaces, *Journal of Information and Computational Sciences*, (2019)9(11), 682-690.
35. Arulpandy P, Trinita Pricilla M, Salt and pepper noise reduction and edge detection using neutrosophic logic, *Computer Science*,(2020) 21(2) , 179-195.

36. Arulpandy P, Trinita Pricilla M, Speckle Noise Reduction and Image Segmentation Based on a Modified Mean Filter, *Computer Assisted Methods in Engineering and Science*, (Online First copy) (2020).
37. Anjaline W, Trinita Pricilla M, p-semi closed sets in penta topological spaces, *Infokara Research*, (2020)9(1),1-4.
38. Reena Joice P, Trinita Pricilla M, NT123* gp closed set in Nano Tri Star Topological Spaces, *Infokara Research*, (2020) 9(1), 65-69.
39. M. Dhanapackiam and M. Trinita Pricilla, A New class of Neutrosophic Nano gb-closed sets in neutrosophic nano topological spaces, *JICS*, (2020)10(10),407-416.
40. M. Trinita Pricilla, A Novel Approach for Neutrosophic vague sets and their execution in Decision Making Problem, *Strad Research*, (2020)7(8),348-354

National -

11) Presentations in Conference

International

1. Presented a paper entitled On Ultra Spaces in the International Conference on Mathematics and Computer Science conducted by PG & Research Department of Mathematics, Loyola College on 07.01.2011 and 08.01.2011

National -

12) Participation in Conference

1. Participated in the International Conference on Mathematics and Computer Science conducted by PG & Research Department of Mathematics, Loyola College on 07.01.2011 and 08.01.2011

13) Participation in Seminar

1. Participated and presented a paper entitled $\pi\Omega$ and $\pi\Omega_s$ closed sets in supra

topological spaces in the UGC sponsored National Seminar on RTAMS-2011 conducted by Nirmala College for Women on 27.01.2011

2. Participated and presented a paper entitled $\text{supra } \Pi$ -Generalized b closed sets in the UGC sponsored National Seminar on Recent Advances in Fuzzy Mathematics and its Applications conducted by Nirmala College for Women on 05.07.2011 & 06.07.2011

3. Participated and presented a paper entitled on Contra g^{ub} - continuous functions in the UGC national level Staff Seminar on Recent Advancements in Pure and Applied Mathematics conducted by Sri Saradha College for Women on 10.02.2012

14) Participation in Workshop

1. Participated in the Two Day Workshop in Topology conducted by Nirmala College for Women on 17.09.2010 & 18.09.2010

2. Participated in the One Day national Level Workshop on Recent Trends in Topology conducted by Coimbatore Institute of Technology on 28.01.2011

3. Participated in the Workshop on Joy of teaching Transforms (Laplace, Fourier and Z) from Engineering perspective conducted by PSG College of Technology on 04.08.2012

4. Participated in the Science Academies Lecture Workshop on New Vistas on Mathematical Modeling conducted by Nirmala College for Women from 13.08.2012-14.08.2012

5. Participated in the Workshop on Outcome based education conducted by IQAC, Nirmala College for Women on 24.03.2018

15) Participation in Orientation Programme/ Induction Programme/ Short term Courses

1. Participated in the UGC-Sponsored 118th Orientation Programme conducted by UGC-Human Resource Development Centre, Bharathiar University from 17.11.2017-14.12.2017

16) Participation in Faculty Development Programme

1. Participated in the Faculty Development Program on Probability and Queueing Theory conducted by Sri Eshwar College of Engineering from 29.11.2012 – 02.12.2012
2. Participated in the Faculty Enrichment Program on Lattice Minerva conducted by Jansons Institute of Technology from 04.03.2013 – 06.03.2013
3. Participated in the Faculty Enrichment Program on Internet of things conducted by the Department of C.Sc,IT and BCA,Nirmala College for women on 24.02.2018 from 21.03.2018 – 22.03.2018
4. Participated in the Faculty Enrichment Program on Photoshop conducted by the Department of C.Sc,IT and BCA,Nirmala College for women from 21.03.2018 – 22.03.2018