

STAFF PROFILE

- 1) Name :DR.A.FRANCINA SHALINI
- 2) Designation :ASSISTANT PROFESSOR
- 3) Department :MATHEMATICS
- 4) Qualification :Ph.D
- 5) Experience : Teaching :15 Research : 10
- 6) Area of Specialization (s) :TOPOLOGY
- 7) E-mail :francshalu@gmail.com
- 8) Academic Qualifications :M.Sc.,B.Ed.,M.Phil.,Ph.D

9) Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	1	2
M. Phil.	5	

10) Research Publications

- 1) A FrancinaShalini& R. Lalitha, On Nano generalized[^]-closed and open sets in Nano topological spaces, International Journal of Applied Research, vol.3, Issue 5, Part F (2017)
- 2) A. FrancinaShalini&M.DhivyaBharathi, sg β -closed sets in Biclosure spaces, International Journal of Applied Research 2017; 3(7): pp 1188-1192
- 3) A. FrancinaShalini& T.MuthuPriya, Soft Cech MP-closed sets and continuous functions in Soft \check{c} ech closure spaces, IJAR 2 (10), pp 451-456, www.allresearchjournal.com
- 4) A. FrancinaShalini& I Arockiarani, On Generalised β -Connectedness In Isotonic Spaces, International Refereed Journal of Engineering and Science (IRJES) ISSN (Online) 2319-183X, (Print) 2319-1821 Volume 2, Issue 2 (February 2013), PP.30-34 www.irjes.com
- 5) A. FrancinaShalini& I Arockiarani, New functions in Cech g β -closure spaces,International Journal of Recent Scientific Research,Vol 7,Issue ,1,pp.8515-8517,January ,2016.

- 6) A. FrancinaShalini& I Arockiarani, Čech β -closed sets in Biclosurespaces, *AntarcticaJ.Math*, 8(2),2011,153-158.
- 7) A. FrancinaShalini& I Arockiarani, i -Regular generalized closed sets in Isotonic Spaces, *International Journal of Mathematical Archive*, 2(10),(2011),1985-1991.
- 8) A. FrancinaShalini&M.AvilaPrincy, N_{β} -Closed Sets In Neutrosophic Topological Spaces, *Infokara Research*, Volume 8 Issue 8 2019, Pp 540- 546, <http://Infokara.Com>
- 9) A. FrancinaShalini, M. DivyaBharathi, New functions in BiČech $sg\beta$ -Biclosure spaces, *International Journal For Research In Applied Science & Engineering Technology (IJRASET)* , Volume 5 Issue VIII, August 2017, www.ijraset.com
- 10) A. FrancinaShalini, M. DivyaBharathi, Contra $Sg\beta$ –continuous and almost Contra $Sg\beta$ –continuous functions in Biclosurespaces, *International Journal for Scientific Research and Development*, Vol 5, Issue 7, Pg No 670-675.
- 11) A. FrancinaShalini& G Angelin Tidy, On Soft SGB-Closed sets in soft topological spaces. *International Journal of Applied Research*. 2017; 3(3), pp 141-144
- 12) A. FrancinaShalini&Emimanimcy M, Bipolar valued fuzzy BZMV algebra, *International Journal of Scientific Development and Research – IJSDR*, Volume 4 Issue 3, March-2019
- 13) A. FrancinaShalini, Neutrosophic Vague Soft Matrices in Decision Making Problems, *Strad Research Journal*, Volume 7, Issue 8, 2020, pp 484 – 491, <https://doi.org/10.37896/sr7.8/046>
- 14).A. FrancinaShalini& P. B. Remya, Vague Binary Soft Sets & their Properties, *International Journal of Engineering, Science and Mathematics*, Vol.7, Issue 11, November 2018, ISSN : 2320-0294, Impact Factor: 6.238, <http://www.ijesm.co.in>, pp 56-73
- 15.)A. FrancinaShalini& P. B. Remya, Vague Binary Soft Topological Spaces, *Compliance Engineering Journal*, ISSN NO : 0898 – 3577, 2020, Volume 11, Issue 1, pp 20 -30
- 16).A. FrancinaShalini&Remya.P.B, Vague Soft Matrix in Decision Making, *Nirmala Annual Conference Proceedings* , 2018

- 17). A. FrancinaShalini&AngelinTidy,A study of sgb frontier in Intuitionistic Fuzzy Topological spaces.Nirmala Annual Conference Proceedings , 2018
- 18).A. FrancinaShalini& P. B. Remya, Trigonometric Normalized Hamming Similarity Measure for Vague Binary Soft Sets, Nirmala Annual Research Proceedings, 2020, ISBN 978-93-5391-196-6, pp 151 – 157
- 19).A. FrancinaShalini& P. B. Remya, Measures of Similarity between Vague Binary Soft Sets, International Journal of Research in Advent Technology, Vol.7, No.4, April 2019, E-ISSN: 2321-9637, pp 254-259, available online at www.ijrat.org
- 20).A. FrancinaShalini&Remya.P.B, On Various Distance Measures of Vague Binary Soft Sets, Infokara Research, ISSN NO : 1021-9056, Volume 8, Issue 8, 2019, pp 472-482 ,<http://infokara.com>
- 21).A. FrancinaShalini& P. B. Remya, Pythagorean Vague Binary Soft Sets, The International Journal of Analytical and Experimental Modal analysis, ISSN NO : 0886-9367, Volume XI, Issue IX, September/2019, pp 845-855, Scientific Journal Impact Factor : 6.3, web:<http://ijaema.com>
- 22).A. FrancinaShalini& P. B. Remya, Neutrosophic Vague Binary Sets, Neutrosophic Sets and Systems, 2019, Volume 29, Issue 1, PP 227 - 241
- 23).A. FrancinaShalini& P. B. Remya, Neutrosophic Vague Binary BCK/BCI - algebra, Neutrosophic Sets and Systems, 2020, Vol.35, Issue 1, pp 45 - 67
- 24). A. FrancinaShalini and M.DhivyaBharathi,Cech M-closed sets in closure spaces, Mathematical Sciences International Research Journal,Vol 5 Issue 2,2016 ISSN 2278-8697 ISBN 978-93- 84124-93-9.

11) Participation in Conference

1. "Future Trends in Topology and its Applications" PSGR Krishnammal College for women, Coimbatore (UGC Sponsored National Seminar) on 07. 08. 2019 to 08. 08. 2019

2. Exploration Of Research innovations: Its Trends and Challenges "ICSSR-Sponsored One Day National Level Symposium" organized by IQAC of Nirmala college for women, 10.01.2020 – 11.01.2020

12) Participation in Seminar

UGC Sponored Seminar on "Plagiarism detection tools and techniques" on 21.10.2017 at GVG College , Udumalpet

20) Participation in Workshop

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

1. Attended 28 days Orientation Programme at Academic Staff College, University of Madras , Chennai from 03.11.2009 to 30.11.2009.

2. Attended 21 days Refresher Course in Mathematics, Batch XXVII, University of Madras , Chennai from 11.11.2011 to 01.12.2011.

14) Participation in Faculty Development Programme

FDP on " Internet of Things" on 24.02.2018 at Nirmalacollege

15) Conference/ Seminar/ Workshop Organized

Was a member of organizing committee for the International Conference on Mathematics and Computer science-2016 at Nirmala College for Women on 05. 12. 2016-07.12. 2016.