

NIRMALA COLLEGE FOR WOMEN (AUTONOMOUS)

COIMBATORE

STAFF PROFILE



NAME : MYTHILI S
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : MATHEMATICS (SF)
QUALIFICATION : M.Sc., M.Phil., HDCA., (Ph.D.)
EXPERIENCE : Teaching: 10 years 4 months
AREAS OF SPECIALIZATION : Operations Research and Topology
E-MAIL : mythiliaugustin@gmail.com,
mythili@nirmalacollegeonline.ac.in

ACADEMIC QUALIFICATIONS :

DEGREE	YEAR OF COMPLETION	NAME OF THE INSTITUTION	CLASS
High School	2006	Government Higher Secondary School	First class
Higher Secondary	2008	Government Higher Secondary School	First class
B.Sc Mathematics	2011	BHARATHIAR UNIVERSITY	FIRST CLASS WITH DISTINCTION
M.Sc. Mathematics	2013	BHARATHIAR UNIVERSITY	FIRST CLASS WITH DISTINCTION
M.PHIL. Mathematics	2014	BHARATHIAR UNIVERSITY	HIGHLY COMMENDED

ADDITIONAL QUALIFICATIONS:

DIPLOMA/ VOCATIONAL/ CERTIFICATION	AREA OF SPECIALIZATION	NAME OF THE INSTITUTION/ UNIVERSITY/ AGENCY	YEAR
HDCA (Honest Diploma in Computer Applications.) A grade	Computer Applications	CSC, Coimbatore	2007

RESEARCH PUBLICATIONS:

INTERNATIONAL:

1. Pauline Mary Helen M, Mythili. S, "*ag**-closed sets in topological spaces*", International Journal of Computer Application (May-June 2013), Issue 3, Volume 3, 36-48
2. Julia Rose Mary K, Monica P and Mythili S, "*Performance measures of FM/FM/1 Queuing system with N-Policy*", International Journal of Physics and Mathematical Sciences (2014) Vol. 4(3), July-September, 10-15
3. Monica P, Julia Rose Mary K and Mythili S, "*Fuzzy cost analysis of MX/G1G2/1/MV Queuing Model*"(2014), International Journal of Advanced and Innovative Research, Volume 3, Issue 8 August/ #56.
4. Mythili S, "*Vague max min composition technique in medical diagnosis*", The International journal of analytical and experimental modal analysis (Oct 2019) - Vol-11. issue-11, 2019, 69-72
5. Mythili S, Arokialancy A, "*Application of Soft in a Decision-Making Problem*" International – International Conference on Contemporary Approaches in Sciences & Humanities: Future Prospects ICCASH-2023, Pg:130-137, ISBN: 9788195570780.
6. Mythili S, Arokialancy A, "*Hypersoft Generalized closed sets in Hypersoft Topological spaces*", Indian Journal of Natural Sciences, Vol 14 Issue 80 Pg 63127-63131
7. Mythili S, Arokialancy A, "*Hypersoft Generalized β closed sets and Hypersoft α open sets in Hypersoft Topological spaces*", International Journal of creative Research thoughts, Vol 11 Issue 8 Pg g619-g625, 2320-2882
8. Mythili S, Arokialancy A, "*Hypersoft Generalized Continuous Functions and irresolute maps in Hypersoft Topological spaces*", International Conference on Emerging Trends in Mathematics and statistics. Pg:487-494, ISBN: 9789361288784.

9. Mythili S, Arokialancy A, “*Hypersoft Generalized Completely Strongly perfectly and Feebly Continuous Functions in Hypersoft Topological spaces*”, International Conference on Research Trends in Mathematics.

10. Mythili S, Arokialancy A, “*Multi-Attribute Decision-Making for Understanding the Emotional Toll of Math Anxiety for Students Using Fuzzy Hypersoft Sets*”, International Conference on Modelling Strategies in Mathematics-2024, ISBN: 978-81-969743-3-6.

11. Mythili S, Arokialancy A, “*Evaluating the Factors of Math Anxiety and their Emotional Repercussions using Attribute Based Decision- Analysis with FHSS*”, AIP Conference Proceedings, San International Scientific Publications.

12. Mythili S, Arokialancy A, “*Application of hypersoft closed sets in a multi criteria Decision making problem*”, Jnanabha, Publisher-Vijñāna Parishad of India and ISSN: 0304-9892, Vol 54(2) ,186-192 E-ISSN -2455-7463.

13. Mythili S, Arokialancy A, “*Exploring Hypersoft Generalized Compactness and Connectedness in Hypersoft Topological Spaces*” International Conference on Emerging Trends and Technologies in Mathematics and Computing, ISBN-978-93-342-3113-3.

NATIONAL:

- [1] Mythili S and K. Julia Rose Mary, “*Fuzzy Cost Analysis of $M X (M,N) /M/1/BD/SV$ Queuing Model*”, National Annual Research Congress(NARC-2014).Published by IQAC, Nirmala college for women, Coimbatore-18, pp.10. ISBN_ 978-1-9415052-4-3.

PRESENTATIONS IN CONFERENCE:

INTERNATIONAL:

- [1] An Application of Soft Sets in a Decision-Making Problem, International – International Conference on Contemporary Approaches in Sciences & Humanities: Future Prospects [ICCASH’23], 02.02.2023 & 03.02.2023
- [2] Hypersoft generalized continuous functions and irresolute maps in hypersoft topological spaces, International Conference on Emerging Trends in Mathematics and statistics, 23.02.2024
- [3] Hypersoft generalized completely, strongly, perfectly and feebly continuous functions in hypersoft topological spaces, International Conference on Research Trends in Mathematics ICRTMDS-2024, 01.03.2024 & 02.03.2024

[4] Multi - Attribute Decision-Making for Understanding the Emotional Toll of Math Anxiety for Students, International Conference on Modelling Strategies in Mathematics-2024, ICMSM-2024, 22.10.2024 & 23.10.2024

[5] Analyzing Gender inequality in education using hypersoft sets. International Conference in Women Equality, Protection & Empowerment SHEROSE FEST-2024, 24.08.2024 to 26.08.2024.

[6] Exploring Hypersoft Generalized Compactness and Connectedness in Hypersoft Topological Spaces, International Conference on "Emerging Trends and Technologies in Mathematics and Computing" ICETTMC-2025, 12.03.2025 To 13.03.2025

[7] Hypersoft generalized contra continuous functions in Hypersoft topological spaces, International Conference on Modelling Strategies in Mathematics-2025 ICMSM-2025, 31.07.2025 & 01.08.2025

PARTICIPATION IN SEMINARS:

[1] Opportunities for Financial Assistance from Funding Organizations by Understanding and Applying Research Paradigm, Government Funding Committee, Nirmala College for Women, Coimbatore, 30.09.2022

PARTICIPATION IN WORKSHOPS:

[1] Big Data Technology, Future Skills Prime CDAC Noida, 08.08.2023 To 17.08.2023

[2] Research Project Proposal Writing and Report Writing, HI Learn Edutech Institute, 18.10.2023 To 20.10.2023

[3] Artificial Intelligence Tools for Educators, IGNITE Life Skills Academy & IQAC Sacred Heart College, Thevara, Kochi

PARTICIPATION IN FACULTY DEVELOPMENT PROGRAMMES:

[1] FDP on Innovative Teaching Strategies, CDC, 30.10.2019.

[2] Revised Guidelines for the Accreditation Process of NAAC, IQAC, 07.03.2020

[3] Innovative Eco-systems, Incubation centres and Start-Ups for Higher Education Systems, IQAC, 19.03.2020

[4] FDP on Education 5.0, Department of Information Technology, Dr.M.G.R Educational and Research Institute, Chennai, 15.05.2023 to 19.05.2023

[5] Implementation of Augmented reality in Digital Learning, Mathematics (Aided) Nirmala College for Women, 16.9.2023

[6] Workshop on Data Analytics, DST FIST, 7.10.2023

[7] Python Programming for data Analysis, Electronics and ICT Academy, C-DAC, Hyderabad, 20.11.2024 to 24.11.2024

[8] Exploration of Mathematics in Emerging Fields, Department of Mathematics PPG College of Arts & Science Coimbatore, 21/02/2024 to 25/02/2024

[9] Generative AI in Higher Education: Emerging Tools and Future Directions, IQAC, Nirmala college for women, Coimbatore, 06/02/2026

[10] Outcome Based Education, ST. MARY'S CENTENARY DEGREE COLLEGE Telangana, 02.06.2025 To 06.06.2025

[11] Empowering Educators for the Digital Age, Villa Marie Degree College for Women Hyderabad, 02.06.2025 To 06.06.2025

[12] Cyber Physical System, Dr. M. G. R Educational and Research Institute Chennai, 26.05.2025 To 30.05.2025

[13] IP Awareness/ Training Program, Intellectual Property Office, India, 12.04.2022

[14] Intellectual Property Office, India, Intellectual Property Office, India, 19.04.2022

[15] One Week National Level FDP, RBVRR Women's College (Autonomous), Hyderabad. 02.05.2022 To 06.05.2022

BOOK PUBLICATIONS:

[1] Latex thesis Essentials: Crafting Professional Documents, Jan 2024, 978-81-968231-3-9

[2] MCQs on NUMERICAL METHODS, 2024-2025, 978-81-9832219-2-3

[3] MASTERING SPSS: A BEGINNER'S HANDBOOK, 2024-2025, 978-93-342208-4-1

[4] Mind Benders: A Puzzle Adventure, 2025-2026, 978-81-993707-1-5