

PPG COLLEGE OF ARTS and SCIENCE, COIMBATORE

Department of Mathematics

STAFF PROFILE

1	Name of the Staff	Dr. C.JENITA NANCY
2	Designation	Assistant Professor
3	Date of Birth	25-07-1986
4	Mobile Phone Number	7402156881
5	Email ID	jenitanancy.c.cas@ppg.edu.in
6	Educational Qualification	M.Sc., PGDOR., M.Phil., B.ED., Ph.D
7	Specialization	Topology
8	Experience (As on 31.12.2022)	5 years 6 months
9	Research Projects Details	A Contribution to the study on Vague Bitopological Spaces and Applications via Vague sets
10	Publications in Journals	(i) International level: 08 (ii) National level:05
11	Workshop / Conference / Seminar / FDP – Attended	(i) International level: Webinar:01 Conference:04 FDP:04 (ii) National level: Workshop:06 Conference:02 Seminar: 3 FDP:06 Webinar :04
12	Workshop / Conference / Seminar / FDP – Organized	National level: Coordinator: :1 International level: Coordinator: :1
13	Online course	NPTEL :6

14. NO OF WORKSHOPS/CONFERENCE/WEBINAR,FDP ATTENDED

S.NO	NAME OF THE WORKSHOPS/CONFERENCES /WEBINAR/FDP	NAME OF THE ORGANIZATION	YEAR
1.	Six Day International Virtual FDP on Recent trends on Research methodologies,tools and techniques	Department of IT,KG College of Arts and Science,Coimbatore	2023
2.	Five Day FDP on Inaiya yugamum tamizhum 2	IQAC and Department of Tamil, PPG College of Arts and Science,Coimbatore	2023
3.	One Day National Level Seminar on Role of Higher Education Institutions for Self Reliant India	IQAC, PPG College of Arts and Science,Coimbatore	2023
4.	One Week International FDP on Mathematics in Real, Applied and Computational Domains	Department of Mathematics, School of Science and Humanities, Sathyabama Institute of Science and Technology, Chennai	2023
5.	Five Day online international faculty development program on Challenges for students in the new normal	Government Arts College, Coimbatore	2023
6.	Five Day online faculty development program on Application of Mathematics in Applied Sciences and Engineering	GMR Institute of Technology – Rajam and National Institute of Technology – Warangal	2023
7.	Seven Day virtual faculty development program on Outcome Based Education	IQAC and Department of Mechanical Engineering, PPG Institute of Technology, Coimbatore	2023

8.	Seven Day International Level Virtual Faculty Development on Emerging Technologies in Computer Science Research	School of Computer Science, PPG College of Arts and Science, Coimbatore	2022
9.	Five Day Virtual Faculty Development Program on ilakkiyam – kattal karpithal nutpangal 2	Department of Tamil, PPG College of Arts and Science, Coimbatore	2022
10.	Seven Day Virtual National Level Faculty Development Program on Research Methodology	Department of Commerce, PPG College of Arts and Science, Coimbatore	2022
11.	Three Day online International Webinar series on Human Values	PG and Research Department of Mathematics, Nirmala College for Women, Coimbatore	2021
12.	One Day Virtual Workshop on Academic Publications and Bibliometrics	Department of Library, Nirmala College for Women, Coimbatore	2021
13.	One Day National Seminar on Human Values	PG and Research Department of Mathematics, Nirmala College for Women, Coimbatore	2021
14.	Two Days International Conference on Advancements in Engineering and Sciences	Department of Mathematics, Graphic Era Hill University and Graphic Era Deemed to be University, Dehradun, India	2021

15.	Second International Conference on Mathematical Techniques and Applications	SRM Institute of Science and Technology, Kattankulathur	2021
16.	Three Day online webinar on Breaking Barriers through Brains	PG and Research Department of Mathematics, Nirmala College for Women, Coimbatore	2020
17.	One Day Webinar on Current Research in Fuzzy Mathematics	PG and Research Department of Mathematics, Sri Pushpam College (Autonomous), Poondi	2020
18.	Two Day online Webinar on Partial Differential Equations: Theory and Applications	PG and Research Department of Mathematics, Nirmala College for Women, Coimbatore	2020
19.	One Day Webinar on Women's Health through Ayurveda"	The Old Students' Association, Nirmala College for Women, Coimbatore	2020
20.	One Day Webinar on Importance of Mathematics in Artificial Intelligence and Machine Learning and Imaging	Department of Mathematics with Computer Applications, PSG College of Arts and Science, Coimbatore	2020
21.	Two Days National Conference on "Non Linear Analysis: Theory and Applications"	Department of Applied Mathematics, Bharathiar University, Coimbatore	2019
22.	One Day Workshop on "Introduction to Topology"	Rajagiri School of Engineering and Technology, Kerala	2019

23.	Second International Conference on Global Advancements of Mathematics (GAM-2019)	Acharya Institute of Graduate Studies, Bengaluru	25-26 June 2019
24.	Nirmala Annual Research Congress	IQAC, Nirmala College for Women, Coimbatore	27 Nov 2019
25.	Two Day International Conference on Emerging Ideas in Pure and Applied Mathematics	Vellalar College for Women (Autonomous), Erode	2019
26.	One Day State Level Seminar on “Emerging Topics on Differential Equations - Its Applications in Theoretical and Experimental Physics”	Sri Krishna College of Technology, Coimbatore	2018
27.	One Day State Level Workshop on LATEX	Sree Narayana Guru College, Coimbatore	2018
28.	One Day orientation Workshop in Open Access E-Resources for Research and INFLIBNET – Resources	Nirmala College for Women, Coimbatore	2018
29.	Two Days Science Academies’ Lecture Workshop on “New Vistas on Mathematical Modelling”	Nirmala College for Women, Coimbatore	2012
30.	One Day Workshop on “Career Guidance”	ICFAI National College, Coimbatore	2006

S.NO	NAME OF THE TITLE	NAME OF THE ORGANIZATION	YEAR
1	A Survey on differential count of blood in human using Topsis method	International Conference – Aacharya Institute of Graduate Studies, Bengaluru	2019
2	A Medical survey on the increase of sales using correlation coefficient of Vague sets	International Conference – Vellalar College for Women, Erode	2019
3	On $\tau_1\tau_2$ - Semi Connectedness and $\tau_1\tau_2$ - Semi Compactness in Vague Bitopological Spaces	National Conference – Nirmala College for Women, Red Fields	2019
4	Semi star generalized closed sets in Vague bitopological spaces	International Conference – SRM Institute of Science and Technology, Kattankulathur	2021
5	Semi star generalized locally closed sets in Vague bitopological spaces	International Conference – Graphic Era Hill University and Graphic Era Deemed to be University, Dehradun	2021

16. NO OF PUBLICATION

S.NO	NAME OF THE TITLE	NAME OF THE JOURNAL	YEAR
1	Semi star generalized closed sets in Vague bitopological spaces	AIPCP https://doi.org/10.1063/5.0108543	2022
2	Semi star generalized locally closed sets in Vague bitopological spaces	AIPCP https://doi.org/10.1063/5.0103947	2022

3	Vague - $\tau_1\tau_2$ – semi - α – open sets and Vague - $\tau_1\tau_2$ – semi - α – compactness in Vague bitopological spaces	Compliance Engineering Journal	2020
4	Separation axioms in Vague bitopological spaces	Journal of Xi'an University of Architecture and Technology	2020
5	Comparison approach to interval valued Vague set in diagnosis of plant disease using distance measures	International Journal of Research and Analytical Reviews	2019
6	A Survey on Differential Count of Blood in Human using Topsis Method	International Journal of Advance and Innovative Research	2019
7	Vague semi - open and semi - continuous functions in Vague Bitopological functions	Infokara Research	2019
8	A Vague set application on the Regional- wise Seasonal rainfall in India	The International Journal of Analytical and Experimental Modal Analysis	2019
9	On $\tau_1\tau_2$ - Semi Connectedness and $\tau_1\tau_2$ - Semi Compactness in Vague Bitopological Spaces	Nirmala Annual Congress ISBN No.978-93-5391-196-6	2019
10	Contra continuous functions in Vague Bitopological spaces	Journal of Information and Computational Science	2019

11	A New Approach to Solve Fuzzy Assignment Problem Using Dodecagonal Fuzzy Numbers	International Journal of Scientific Research in Science, Engineering and Technology	2017
12	Solving a Transportation Problem using Nanogonal Fuzzy Number with Robust Ranking and Russell's Method	International Journal of Engineering Technology and Computer Research	2017
13	Nanogonal Intuitionistic Fuzzy Number using Russell's Method	International Conference on Collaborative Research in Mathematical Sciences	2017
14	Book:Discrete Maths and Descriptive Statistics	RK Publications	2023
15	Patent:Implementation of Artificial IntelligenceTechniques through Graph Theory by Generalized Social Network Analysis – based classifier	Official Journal of the Patent Office;07/07/23	2023