CAUVERY COLLEGE FOR WOMEN

(AUTONOMOUS)

STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr.P.GEETHANJALI

2. Date of Birth **:** 26.07.1983

3. Address **:**

Residential	Office
NO 49,GEETHA NAGAR, 7th CROSS ,VAYALUR ROAD TRICHY PIN-620017 Phone NO: 9940319913 geethamaths15@gmail.com	CAUVERY COLLEGE FOR WOMEN ANNAMALAI NAGAR, TRICHY PIN -620018 Phone NO: 9940319913 pgeethanjali.maths@cauverycollege.ac.in

ACADEMIC INFORMATION

4. Designation & Department : ASSISTANT PROFESSOR & MATHEMATICS

5. Educational Qualification :

Degree	Year	College/University
Ph.D	2022	Cauvery college for Women (Autonomous), Trichy
M.Phil	2013	Bishop Heber College, Trichy
B.Ed	2011	Sri Rajarajeshwari College, Trichy
M.Sc	2010	Bishop Heber College, Trichy
B.Sc	2007	Holy Cross College, Trichy

6. Researcher ID **:**

GOOGLE SCHOLAR: BvWp0WIAAAAJ

ORCID ID : https://orcid.org/0000-0002-7903-2165

WEB OF SCIENCE ID: ACF-3052-2022

PUBLONS: https://publons.com/researcher/3319009/geethanjali-bala/

SCOPUS: https://www.scopus.com/freelookup/form/author.uri?zone=TopNavBar&origin=NO%20ORIGIN%20DEFINED

MENDELEY: -

VIDWAN ID : https://vidwan.inflibnet.ac.in/profile/205854

7. Experience :

Date of Joining	Institution	Year of Experience
10.07.2015	CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)	10 Years 11 Months

8. Areas of Specialization : Fuzzy Graph Theory

9. Languages known : English, Tamil

10. Subjects Taught :

UG	Integral Calculus, Mathematical Statistics –I, Mathematical Statistics III, Calculus and Fourier Series, ODE,PDE Laplace Transforms and Vector calculus analysis, Numerical Analysis and Statistics, Operation Research, Biostatistics, Graph Theory.
PG	Research Methodology and Statistics, Discrete Mathematics, Algebra II, Differential Geometry

11. Details of Publications:

Journal Name & Volume	Year of Publication	ISSN Number	Name of the Paper	Impact Factor
International Journal of Current Research & 9	2017	0975-833X	Arc-Sequence in Complete and Regular Fuzzy Graphs	7.749
International Journal of Pure and Applied Mathematics & 118	2018	1311-8080	Different types of edge sequence in pseudo regular fuzzy graphs	7.19
International Journal of Pure and Applied Mathematics & 120	2018	1314-3395	Strong domination in pseudo regular and complete fuzzy graphs	7.19
International Journal of Research and Analytical Reviews	2019	2349-5138	Strong and Weak Domination in Intuitionistic Fuzzy Graph	5.75

Adalya Journal	2019	1301-2746	Various product and dual strong domination in mixed and square mixed intuitionistic fuzzy graphs	5.3
Parishodh Journal	2020	2347 - 6648	The join product and dual strong domination in mixed split intuitionistic fuzzy graph	6.3
Journal of Mathematical Control Science and Applications	2021	0974-0570	An Application of Domination in Vague Fuzzy Incidence Graphs	6.24
Journal of Mathematical Control Science and Applications	2021	0974-0570	Domination in Complete Intuitionistic Fuzzy Incidence Graphs with Application	6.24
Advances and Applications in Mathematical Sciences	2022	0974-6803	n-Split Domination in Vertex Squared Interval-Valued Fuzzy Graphs	-
Advances and Applications in Mathematical Sciences	2022	0974-6803	A Study on Domination in Product Picture Fuzzy Graph and its Application	-
South East Asian Journal of Mathematics and Mathematical Sciences	2022	0972-7752	n- Domination in Vertex Squared Double Divide Interval-Valued Fuzzy Graphs	-
Communications in Mathematics and Applications	2022	0975-8607	A New Approach of Perfect Domination in Product of Interval-Valued Fuzzy Incidence Graphs with Application	-
International Journal for Research in Applied Science & Engineering Technology.	2024	2321-9653	Some Structures of Neutrosophic Fuzzy Relations over Neutrosophic Fuzzy Sets.	7.538

12. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
11.12.2017	Jamal Mohamed College	International Conference On Mathematical Methods and Computation	Different types of edge sequence in pseudo regular fuzzy graphs
02.07.2018	National Institute Of Technology	International Conference on Analysis and Applied Mathematics	Strong domination in pseudo regular and complete fuzzy graphs

13. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International	Topic
11.12.2017	Jamal Mohamed College	Different types of edge sequence in pseudo regular fuzzy graphs	International	International Conference On Mathematical Methods and Computation
02.07.2018	National Institute Of Technology	Strong domination in pseudo regular and complete fuzzy graphs	International	International Conference on Analysis and Applied Mathematics

14. Details of Orientation / Refresher Course/Faculty Development Programme Attended:

Date	Title of the Course	Organizer
Jul-Dec(2022)	Mentor- Descriptive statistics with R software	NPTEL (SWAYAM)

15. Details of Orientation / Refresher Course Attended:

S. No	Title of the professional development programme	Date and Duration (from – to)
1	Mathematical Modelling for Science and Engineering	02.05.2020, 3.00- 4.30 p.m
2	Recent Insights on Cyber Security	07.05.2020, 5.00- 7.00 p.m
3	Career Opportunity for mathematics in Foreign Countries	19-22.05. 2020, 10.00-11.00 a.m
4	Moodle – Learning Management Systems	19-23.05.2020, 1.30 Pm
5	AI based proctoring in next generation Education	23.05.2020
6	Research Methods and Writing Skills in Mathematical Sciences	25- 27.05.2020
7	Graph Theory- A Research View	26.05.2020, 11.00 a.m– 12 p.m
8	Descriptive Statistics through R-Programming	26- 28.05.2020, 11.00 a.m- 12 p.m
9	FDP Overview of IPR Patent and filling aspects	21.02.2022
10	Academic Integrity and Dealing with Plagiarism - A Practical Approach	17.09.2022
11	Applied Statistical Methods for Research	03.04.2023-07.04.2023
12	An Integrated Approach to Reviewing your Paper Leveraging the Power of Citation Tools and ChatGPT	10.04.2023
13	Research and Publication Ethics	10.02.2023-10.03.2023
14	A Five-Day Online FDP on Advances in Graph Theory	11.09.2023 to 15.09.2023

16. Details of Incharge / Participation in Extracurricular Activities :

(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

Nature of Activity	Period of Incharge
Cultural In-charge	2015-2018, 2021-2022
Cumulative Attendance In-charge	2017- Till date
NAD In-charge	2023- Till date

17. Details of Participation in Consultancy, Training, Development etc..:

Microsoft innovative Educator