CAUVERY COLLEGE FOR WOMEN (AUTONOMOUS)

STAFF PROFILE

PERSONAL INFORMATION

1. Name : Dr.L.MAHALAKSHMI

2. Date of Birth :04.10.1991

3. Address :

Residential	Office
44,M.R.PATTY,PUTHUR (PO), THOGAMALAI VIA,KULITHALAI(TK) KARUR(DT)-621313 PHONE NO: 9566749214 mahaparthi19@gmail.com lmahalakshmi.maths@cauverycollge.ac.in	CAUVERY COLLEGE FOR WOMEN, ANNAMALAI NAGAR, TRICHY-620018

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	2015	St.Joseph's college/Autonomous
M.SC	2014	Cauvery college for Women(Autonomous),Trichy
B.Sc	2012	Cauvery college for Women(Autonomous),Trichy

6. Researcher ID :

GOOGLE SCHOLAR:
https://scholar.google.com/citations?user=wPdl9hgAAAAJ&hl=en&authuser=2

ORCID:
https://orcid.org/0000-0001-7394-4676

WEB OF SCIECE:
https://publons.com/researcher/3318794/mahalakshmi-parthipan/

PUBLONS:
https://publons.com/researcher/3318794/mahalakshmi-parthipan/

VIDWAN:
https://vidwan.inflibnet.ac.in//profile/205613/MjA1NjEz
MENDELEY: REGISTERED

7. Experience : 10 Years 11 Months

8. Areas of Specialization : Fuzzy Graph Theory

9. Languages known : English, Tamil.

10. Subjects Taught :

UG	Integral Calculus, Analytical Geometry, Probability and statistics, Differential Calculus and Trigonometry, Calculus and Fourier Series, ODE, PDE, Laplace Transforms and Vector Analysis, Numerical Analysis and Statistics, Statics, Dynamics.
PG	Algebra, Functional Analysis, Partial Differential Equations, Optimization Techniques

11. Details of Publications:

Journal Name & Volume	Year of Publication	ISSN Number	Name of the Paper	Impact Factor
Global Journal of Pure and Applied Mathematics &13	2017	0973-1768	An Introduction to Fuzzy Strong Graphs, Fuzzy Soft Graphs, Complement of Fuzzy Strong	0.19
Global Journal of Mathematical Sciences : Theory and Practical & 9	2017	0974-3200	Regular and Irregular M-Polar Fuzzy Graph	-
International Journal of Fuzzy Mathematical Archive & 14	2018	2320-3242	Coloring Of Regular And Strong Arcs Fuzzy Graphs	1.137
International Journal Of Computer science and Engineering & 6	2018	2347-2693	Coloring Of Polyhedral, Regular And Irregular Fuzzy Graphs	3.022
International Journal of Pure and Applied Mathematics & 120	2018	1314-3395	On Co Normal Product of Two Intuitionistic Fuzzy Graphs	7.19
International Journal Of Research and Analytical Reviews & 6	2019	2349-5138	New Approach On Fuzzy Graphs and Anti-fuzzy graphs with Special arcs	5.75
Adalya Journal & 8	2019	1301-2746	Square Sum Min-Max Intuitionistic Fuzzy Labeling Graphs	5.3

Parishodh journal & IX	2020	2347-6648	Regular and Strong Anti-Labeling Fuzzy Graphs	6.3
Journal of Mathematical Control Science and Applications	2021	0974-0570	Fuzzy Soft Tri-partite Graphs and its Complements	6.235
Journal of Mathematical Control Science and Applications	2021	0974-0570	Fuzzy Mean Square Sum Soft Tri-partite Graphs and its	6.235
Advances and Applications in Mathematical Sciences & 21	2022	0974-6803	Vertex Perfect Anti-Magic Bipolar Fuzzy Labeling Graphs	-
Advances and Applications in Mathematical Sciences & 21	2022	0974-6803	Application Of Cactus Fuzzy Labeling Graph	-
Hindawi Discrete Dynamics in Nature and Society	2022	1026-0226 (Print), 1607-887X (Online).	Perfect Fuzzy Soft Tripartite Graphs and Their	1.457
International journal of Fuzzy Logic and intelligent Systems	March 2023	ISSN : 1598-2645 ISSN(Online) 2093-744X	Conormal Product for intuitionistic Anti-Fuzzy	2.675
International Journal for Research in Applied Science & Engineering Technology	March 2024	ISSN : 2321-9653	Operations on complex intuitionistic Fuzzy Graph	7.538
International Journal for Research in Applied Science & Engineering Technology	March 2024	ISSN : 2321-9653	Operations on complex Hesitancy Fuzzy Graph	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	Coloring Of Regular And Strong Arcs Fuzzy Graphs
02.03.2018	Bishop Heber College	National conference on Recent Trends in Applied Mathematics	Coloring Of Polyhedral, Regular And Irregular Fuzzy Graphs
02.07.2018	National Institute Of Technology	International Conference on Analysis and Applied Mathematics	On Co Normal Product of Two Intuitionistic Fuzzy Graphs

13. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International	Topic
11.12.2017	Jamal Mohamed College	Coloring Of Regular And Strong Arcs Fuzzy Graphs	International	International Conference On Mathematical Methods and Computation
02.03.2018	Bishop Heber College	Coloring Of Polyhedral, Regular And Irregular Fuzzy Graphs	National	National conference on Recent Trends in Applied Mathematics
02.07.2018	National Institute Of Technology	On Co Normal Product of Two Intuitionistic Fuzzy Graphs	International	International Conference on Analysis and Applied Mathematics

14. Details of Seminars / Conferences / Workshops Attended(Online mode):

S. NO	NATURE OF THE ACTIVITY	TITLE OF THE ACTIVITY	DATE AND TIME	RESOURCE PERSON	NAME OF THE HOSTING INSTITUTION	CATEGORY
1	Webinar	Uniform Continuity on Intervals	11.05.2020, 11.30 a.m-01.00 p.m	Prof.Sanjay K.Patel,Head, Maths Department, Govt.Engineering College,Bhuj.	N.V.Patel College of Pure and Applied Sciences,Vallabh Vidyanagar.	National
2	Webinar	English Language Teaching in the Viral Era	04.05.2020	Dr.P.Nagaraj	Cauvery College for Women(Autonomous) Trichy-18	State
3	Webinar	Cyber Security for Women	08.05.2020, 5.30 p.m	-	IQAC Lakshmibai College, University of Delhi	State
4	Webinar	LATEX-Learning by doing	15,16.05.2020 3.00-4.00 p.m	-	Idhaya College for Women, Kumbakonam	State
5	Webinar	Modern	17.05.2020	Pandi	Dr.Zakir Husain	State

		Teaching Techniques		Alaguraja M,HR Business Leader,Oneyes Technoogy,Chennai.	College,Ilayangudi, Sivagangai District	
6.	Webinar	Application of Mathematics	19.05.2020, 10.30 a.m – 12.30 p.m	Dr.K.Murugesan,Professor (HAG),Department of Mathematics, National Institute of Technology, Trichy.	Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi.	State
7.	Webinar	Introduction to Graphs from Algebraic Structures	22.05.2020 10.30 a.m – 12 p.m	Dr.T.Asir,Assistant Professor and Head Department of Mathematics, Madurai Kamaraj University,Madurai.	G.T.N. Arts College(Autonomous),Dindigul.	State
8.	Webinar	Effective Communication in workplace	30.05.2020, 5.30 p.m	Mr.Agathiyan John Benedict,Systems Architect,Northrop Grumman Corporation, Washington DC.	Shri Shankarlal Sundarbai Shasun Jain College For Women	State
9.	Webinar	Semi Graphs and Virus Graphs	31.05.2020, 3.00 p.m	Dr.K.Meenakshi,Associate Professor,CMR Institute of Technology, Kundalahalli, Bengaluru.	Cauvery College for Women(Autonomous) Trichy-18	State

10.	Webinar	Applications of Differential Equations	04.06.2020, 10.00-11.00 a.m	Dr.K.Sakthivel,Assistant Professor,Department of Mathematics, Indian Institute of Space and Technology(IIST),Valiamala,Trivandrum,Kerala.	Kongunadu Arts and Science College(Autonomous),Coimbatore.	State
11.	Webinar	History of Science	06.09.2022	Calcutta Mathematical Scoiety	Calcutta Mathematical Scoiety,Kolkata	National

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

Date	Title of the Course	Organizer
Aug-Oct 2019(1 week)	Faculty Development Programme- Matrix Analysis with Applications	NPTEL-AICTE
Jul-Dec(2022)	Mentor- Descriptive statistics with R software	NPTEL (SWAYAM)

16. Details of Orientation / Refresher Course/Faculty Development Programme Attended (online mode):

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 ForeignCountries	19-22.05. 2020, 10.00-11.00 a.m
4	Moodle – Learning Management System	19-23.05.2020, 1.30 p.m
5	AI based proctoring in next generation Education	23.05.2020
6	Research Methods and Writing Skills in	25- 27.05.2020

	Mathematical Sciences	
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	Research Methodology: Analysis, Tools and Techniques	28.12.2022- 03.01.2023
12	Applied Statistical Methods for Research	03.04.2023-07.04.2023
13	An Integrated Approach to Reviewing your Paper Leveraging the Power of Citation Tools and Chat GPT	10.04.2023
14	Research and Publication Ethics	10.02.2023-10.03.2023
15.	A Five-Day Online FDP on Advances in Graph Theory	11.09.2023 to 15.09.2023

17. Details of Incharge / Participation in Extracurricular Activities :

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

Nature of Activity	Period of Incharge
Placement In-charge	2015 – 2020
Data capturing In-charge	2020-2026
Cultural In-charge	2022-Till date

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

Microsoft innovative Educator