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),	CAUVERY COLLEGE FOR WOMEN,
THOGAMALAI VIA,KULITHALAI(TK)	ANNAMALAI NAGAR,
KARUR(DT)-621313	TRICHY-620018
PHONE NO: 9566749214	
Mahaparthi19@gmail.com	
lmahalakshmi.maths@cauverycollge.ac.in	

ACADEMIC INFORMATION

4. Designation & Department : Assistant professor, Mathematics

5. Educational Qualification :

Degree	Year	College/University
Ph D	2022	Cauvery college for
FII.D	2022	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	: 8 Years 8 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	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

12. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
11.12.2017	Jamal Mohamed	International Conference	Coloring Of Regular
	College	On Mathematical Methods	And Strong Arcs
		and Computation	Fuzzy Graphs
02.03.2018		National conference on	Coloring Of
	Bishon Heber College	Recent Trends in Applied	Polyhedral, Regular
	Dishop fieber conege	Mathematica	And Irregular Fuzzy
		Manematics	Graphs
02.07.2018		International Conference	On Co Normal
	National Institute Of	on Analysis and Applied	Product of Two
	Technology	Mathematica	Intuitionistic Fuzzy
		Mathematics	Graphs

13. Details of Seminars / Conferences / Workshops Attended:

Year &	Organizer	Title	National /	Торіс
Date			International	

11.12.2017	Jamal Mohamed	Coloring Of	International	International
	College	Regular And		Conference On
		Strong Arcs Fuzzy		Mathematical
		Graphs		Methods and
				Computation
02.03.2018	Bishop Heber	Coloring Of	National	National
	College	Polyhedral,		conference on
		Regular And Irregular		Recent Trends in
		Fuzzy Graphs		Mathematics
02.07.2018	National Institute	On Co Normal	International	International
	Of Technology	Product of Two		Conference on
		Intuitionistic Fuzzy Graphs		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	11.05.202 0, 11.30 a.m-01.00 p.m	Prof.Sanjay K.Patel,Head, Maths Department,G ovt.Engineeri ng College,Bhuj.	N.V.Patel College of Pure and Applied Sciences,Vallabh Vidyanagar.	National
2	Webinar	English Language Teaching in the Viral Era	04.05.202 0	Dr.P.Nagaraj	Cauvery College for Women(Autonom ous) Trichy-18	State
3	Webinar	Cyber Security for Women	08.05.202 0, 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 Teaching Techniques	17.05.202 0	Pandi Alaguraja M,HR Business	Dr.Zakir Husain College,Ilayangudi , Sivagangai District	State

				Leader,Oneye		
				Technoogy,C		
6.	Webinar	Application of Mathematic s	19.05.202 0, 10.30 a.m – 12.30 p.m	Dr.K.Muruges an,Professor(HAG),Depart ment of Mathematics, National Institute of Technology,T richy.	Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi.	State
7.	Webinar	Introduction to Graphs from Algebraic Structures	22.05. 2020,10.3 0 a.m – 12 p.m	Dr.T.Asir,Ass istant Professor and Head Department of Mathematics, Madurai Kamaraj University,Ma durai.	G.T.N. Arts College(Autonomo us),Dindigul.	State
8.	Webinar	Effective Communica tion in workplace	30.05. 2020,5.30 p.m	Mr.Agathiyan John Benedict,Syst ems Architect,Nort hrop Grumman Corporation, Washington DC.	Shri Shankarlal Sundarbai Shasun Jain College For Women	State
9.	Webinar	Semi Graphs and Virus Graphs	31.05.202 0, 3.00 p.m	Dr.K.Meenak shi,Associate Professor,CM R Institute of Technology,K undalahalli,Be ngaluru.	Cauvery College for Women(Autonom ous) Trichy-18	State
10.	Webinar	Application s of Differential Equations	04.06.202 0, 10.00- 11.00 a.m	Dr.K.Sakthive l,Assistant Professor,Dep artment of Mathematics,I ndian Institute of Space and Technology(II ST),Valiamal a,Trivandrum, Kerala.	Kongunadu Arts and Science College(Autonomo us),Coimbatore.	State

						National
11.	Webinar	History of Science	06.09.202 2	Calcutta Mathematical Scoiety	Calcutta Mathematical Scoiety,Kolkata	

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	Date and Duration
	programme	(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 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	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	11.09.2023 to
	in Graph Theory	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-Till date
Cultural In-charge	2022-Till date

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

Microsoft innovative Educator