CAUVERY COLLEGE FOR WOMEN

(AUTONOMOUS)

STAFF PROFILE

PERSONAL INFORMATION

1. Name **:Dr. P. Shalini**

2. Date of Birth **:11.12.1985**

3. Address **:**

Residential	Office
152, K. R.S. Nagar, **7th Street, Edamalaipatti Pudur,** **Trichy – 620 012.**	**PG and Research Department of Mathematics,** **Cauvery College For Women,** **Trichy – 620 018.**

ACADEMICINFORMATION

4. Designation & Department: Associate Professor, Department of Mathematics

5. Educational Qualification:

Degree	Year	College/University
Ph.D	2020	Bishop Heber College, Trichy.
SET	2018	Mother Teresa Women's University
M.Phil	2009	Bishop Heber College, Trichy.
M.Sc	2008	Shrimathi Indira Gandhi College, Trichy
PGDCA	2007	Shrimathi Indira Gandhi College, Trichy
B.Sc	2006	Shrimathi Indira Gandhi College, Trichy

Dissertation/Thesis:

S.NO	ResearchDegreee M.Phil/Ph.D	TitleofDissertation/Thesis
1.	M.Phil.,	Mathematical Modelling
2.	Ph.D.,	A Study of Different Types of Labelings on Various Undirected and Directed Graphs

6. ResearcherID

GOOGLESCHOLAR: Bqe1Qb8AAAAJ

ORCIDID:https://orcid.org/0000-0002-4533-7737

SCOPUS ID : REGISTERED

MENDELEY: REGISTERED

WEBOFSCIENCE:REGISTERED

PUBLONS: https://publons.com/researcher/4341452/dr-p-shalini/

VIDWAN:https://vidwan.inflibnet.ac.in/profile/206036

7. Experience :

Date of Joining	Institution	Year of Experience
19.11.2009	Cauvery College for Women, Trichy.	16 Years 7 Months

8. Areas of Specialization : GraphTheory

9. Languages known: Tamil,English

10. Subjects Taught :

UG	Differential Calculus and Trigonometry, Integral Calculus, Differential Equations and Laplace Transforms, Algebra and Theory of Numbers, Sequences and Series, Vector Calculus and Fourier Series, Abstract Algebra, Graph Theory, Astronomy, Algebra and Calculus, Numerical Analysis and Statistics, Operations Research, Linear Algebra.
PG	Real Analysis, Complex Analysis, Graph Theory, Mathematical Modelling

11. Research Supervision:

	Universityfromwhere guideship obtained	**Thesis**		
		Completed (in numbers)	**Year of Completion**	**Pursuing (in numbers)**
M.Phil	-	-	-	-
Ph.D	-	-	-	-

12. Details of Publications:

S.No	JournalName& Volume	Yearof Publication	ISSN Number	Nameofthe Paper	Impact Factor
1	International Journal of Engineering and Research Technology	2014	2278-0181	Proper Colourings in Magic and Anti-magic Graphs	2.6

2	International Journal of Mathematical Archive	2014	2229-5046	Generalization of Skolem Odd Graceful Digraphs for Various Graphs	3.2
3	Asian Journal of Current Engineering and Maths	2014	2277-4920	Skolem Graceful Signed Graphs on Directed Graphs	4.8
4	International Journal of Scientific and Research Technology	2015	2319-5967	A Study on Root Mean Square Labelings of Graphs	5.3
5	International Journal of Advanced Scientific and Technical Research	2015	2249-9954	An Absolute Differences of Cubic and Square Difference Labeling	4.8
6	International Journal of Engineering Science and Innovative Technology	2015	2319-5967	A Study on Root Mean Square Labelings in Graphs	4.2
7	International Journal Of Current Research	2015	0975-833X	Minimization of Multiplicative Graphs	5.9
8	International Journal of Research in Advent Technology	2019	2321–9637	Maximization of Multiplicative Graphs	6.3
9	International Journal of Management, IT and Engineering	2019	2249-0558	Square Multiplicative Labeling for Disconnected Graphs	7.119
10	International Journal of Recent Scientific Research	2019	0976–3031	A Square Multiplicative Labeling for some Families of Graphs	6.8
11	International Journal of Analytical and Experimental Modal Analysis	2019	0886–9367	An absolute Differences of Cubic and Square Difference Labeling For SomeFamilies Of Graphs	6.3
12	International Journal of Analytical and Experimental Model Analysis	2020	0886-9367	Sum of An Absolute Differences Of Cubic And Square Difference Labeling For Cycle Related Graphs	6.3
13	International Journal of Analytical and Experimental Modal Analysis	2020	0886-9367	A Study On Disconnected Graphs For An Absolute Difference Labeling	6.3
14	International Journal of Analytical and Experimental Modal Analysis	2020	0886-9367	An Absolute Differencesof Cubic and Square Difference Labeling For Some Shadow and Planar Graphs	6.3
15	Infokara Research	2020	1021–9056	Sum of An Absolute Differences Of Cubic And Square Difference Labeling For Path Related Graphs	5.3
16	Journal of Interdisciplinary Cycle Research	2020	0022–1945	A Study on Disconnected Graphs for sum of an Absolute Difference of Cubic and Square Difference Labeling	6.2

17	Gorteria Journal	2021	0017–2294	Minimization of Multiplicative Labeling for Some Families of Graphs	5.2
18	Aegaeum	2021	0776-3808	Maximization of Multiplicative Labeling for Some Families of Graphs	5.6
19	International Journal of analytical and experimental model analysis	2021	0886–9367	Minimization of Multiplicative Labeling for Antenna, Dumpy Level Instrument, Net Graphs	6.3
20	Sambodhi	2021	2249-6661	Maximization of Multiplicative Labeling for Antenna, Dumpy Level Instrument, Net Graphs	5.80
21	Kala: The Journal of Indian Art History Congress	2021	0975-7945	A Study on Minimization of Multiplicative Labeling for Some Special Graphs	6.125
22	Jijnasa	2021	0337-743X	A Study on Maximization of Multiplicative Labeling for Some Special Graphs	6.2
23	International Journal for Research in Applied Science & Engineering Technology	2022	2321-9653	Lehmer–4 Mean Labeling of Graphs	7.5
24	International Journal for Research in Applied Science & Engineering Technology	2022	2321-9653	Power-3 Heronian Odd Mean Labeling of Graphs	7.5
25	International Journal in Management And Social Science	2023	2321-1784	Power-3 Heronian Odd Mean Labeling for some special Graphs	7.3
26	InternationalJournal for Research in Applied Science &Engineering Technology	2023	2321-9653	A Study on Root Cube Even Mean Labeling for Some Special Graphs	7.5
27	International Journal for Research in Applied Science &Engineering Technology	2023	2321-9653	A Study on Power-3 Heronian Odd Mean Labeling for Some Path Related Graphs	7.5
28	Aryabhatta Journal of Mathematics and Informatics	2023	2394-9309	Root Cube Even Mean Labeling of Graph	6
29	Aryabhatta Journal of Mathematics and Informatics	2023	2394-9309	Lehmer–4 Mean Labeling for Some Path Related Graphs	6

30	Aryabhatta Journal of Mathematics and Informatics	2023	2394-9309	Skolem Odd Vertex Graceful Signed Graphs for Path	6
31	Tuijin Jishu/ Journal of Propulsion Technology	2023	1001-4055	Anti Skolem Mean Labeling of Quadrilateral Snake Related Graphs	6.2
32	Aryabhatta Journal of Mathematics & Informatics	2026	2394-9309	A Study on Vertex Sum Cube Labeling For Path and Star Graphs	5.856
33	Aryabhatta Journal of Mathematics & Informatics	2026	2394-9309	An Overview of Plus Weighted Digraph and It's Applications.	5.856

13. Details of Papers Presented:

Date	Organizer	Name of the Seminar	Paper Name
13.02.2013-14.02.2013	Christ University, Bangalore.	National Conference on Emerging Trends in GraphTheory	Skolem Graceful Digraphs
13.02.2015	Bharathidasan College of Arts and Science, Erode.	Workshop	Sequential Vertex Labeling
10.01.2019-11.02.2019	Bishop Heber College, Trichy.	International Conference on Applied Mathematics and Bio – inspired Computations	Maximization of Multiplicative Labeling
11.01.2020	Idhaya College for Women, Kumbakonam.	International Conference on Pure and Applied Mathematics	Sum of An Absolute Differences Of Cubic And Square Difference Labeling For Cycle Related Graphs
11.01.2020	Idhaya College for Women, Kumbakonam.	International Conference on Pure and Applied Mathematics	A Study On Disconnected Graphs For An Absolute Difference Labeling

11.01.2020	Idhaya College for Women, Kumbakonam.	International Conference on Pure and Applied Mathematics	An Absolute Differences of Cubic and Square Difference Labeling For Some Shadow and Planar Graphs

14. Details of Chairing as Resource Person:

Date	Titleof the Seminar/Conference	Session Chaired
17.11.2022	International Conference on Scientific and Technological Advancements for Reliable and Sustainable Future(STARS – 2022)	Poster Presentation
06.02.2023	Graph Theory and its Applications	Students Enrichment Program