

### 3. Dr. G. Vijayalakshmi

Name : **Dr. G .Vijayalakshmi**  
Designation : Guest Lecturer  
Qualification : M.Sc.,M.Phil.,Ph.D.,  
Department : PG AND RESEARCH DEPARTMENT OF MATHEMATICS  
D.O.B : 04.10.1985  
Permanent address : 2,M.V.M.Nagar, Dindigul.  
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Specialization : Graph Theory  
  
**Educational Qualification** : M.Sc.,M.Phil.,Ph.D.,

DEGREE	SUBJECT	INSTITUTION/UNIVERSITY	YEAR	CLASS
B.Sc	Mathematics	GTN Arts College, Dindigul.	2006	I
M.Sc	Mathematics	Holy Cross College, Trichy	2008	I
M.Phil	Mathematics	Gandhigram Rural University	2009	I
Ph.D	Mathematics	Madurai Kamaraj University	2024	

**AREA OF INTEREST** : Graph Theory , Linear Algebra, Real Analysis

#### Subjects taught

UG	Theory of equations	Graph Theory
	Real analysis	Linear Algebra
	Dynamics	Statistics
	Programming in c	Analytical solid Geometry 2D & 3D
	Fourier Series and Transforms	Number Theory

**PG**                      Real Analysis

**Working Experience**

S.No.	COLLEGE	DESIGNATION	PERIOD
1	M.V.Muthiah Government Arts College For Women, Dindigul.	Guest Lecturer	Sep 2009 Onwards

**Research Guidance :**

Degree	Total Number of Students		
	Degree awarded	Viva to be conducted	Submitted and awaiting for the Result
M.Sc., Project	5	-	-

**Research Papers Published in International/ National Journals**

**Number of Research Papers Published :** International / National : 7

S.No.	Title of the Paper	Name of the Journal	Vol./No./Year/Page No.
1	Face Sum Divisor Cordial Graphs	International Journal of Fuzzy Mathematical Archive.	Vol.15/No 2/2018/197-204
2	Face Sum Divisor Cordial Labeling Of Cycle Related Graphs	Journal of applied science and computations	Vol.VI/ISSUE III/March 2019/875-881
3	Face Sum Divisor Cordial Labeling Of Wheel Related Graphs	The International journal of analytical and experimental modal analysis	Volume XI/Issue X/ October 2019/44-48
4	Total Face Edge Sum Divisor Cordial Graphs	IJFANS International Journal of Food and Nutritional Sciences	Vol.:26 /Issue:2/ 2022/ 170-178
5	Edge Sum Divisor Cordial Graphs	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	Volume 11/Iss 11/ 2022/ 407-417
6	Face Edge Sum Divisor Cordial Graphs,	Indian Journal of Natural Sciences	Vol.14 / Issue 77 / 2023/ 54615-54620
7	Some New Families of Edge, Face Edge and Total Face Edge Sum Divisor	International Journal of Mathematics Trends and	Volume 69/Issue 4 /2023/ 54-68

	Cordial Graphs	Technology	
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### Research Papers presented in conferences

S.No	Title of the Paper	Title of the Seminar	Date and Venue
1	Face Sum Divisor Cordial Graphs	UGC Sponsored One Day International Seminar on Algebra & Applied Mathematics	Hajee Karutha Rowther Howdia College (Autonomous), Theni. 11 Jan 2018
2	Face Sum Divisor Cordial Labeling of Wheel Related Graphs	International Conference on Computational and Applicable Mathematics	The Quaide Milleth College for Men, Chennai, 6 sep 2019

### Participation in conferences

S.No	Title of the Seminar/ Workshop	Date and Venue
1	National Workshop On Mathematical Modeling And Computational Mathematics	Gandhigram Rural University, Gandhigram 23-28 <sup>th</sup> February 2009
2	National Conference On Emerging Computing Paradigms	M.V.Muthaih Government Arts College, Dindigul. 25 <sup>th</sup> February 2011
3	One Day Workshop On Path Of Excellence	M.V.Muthaih Government Arts College, Dindigul. 18 <sup>th</sup> October 2013
4	Quality Metrics in Higher Education	M.V.Muthaih Government Arts College, Dindigul 20 <sup>th</sup> September, 2014
5	One day state level seminar on Competency in teaching and learning	M.V.Muthaih Government Arts College, Dindigul 7 <sup>th</sup> March, 2015
6	State Level Seminar on Recent Development In Mathematics	M.V.Muthaih Government Arts College, Dindigul. 21 <sup>st</sup> March 2018
7	One day international conference on modern trends in mathematics	Hajee Karutha Rowther Howdia College (Autonomous), Theni. 10 <sup>th</sup> September 2018
8	One Day State Level Seminar On Net/Set Preparation	G.T.N Arts College(Autonomus), Dindigul. 19 <sup>th</sup> September 2018
9	Challenges And Changes in Revised NAAC frame work	M.V.Muthaih Government Arts College, Dindigul. 9 <sup>th</sup> March, 2019.
10	Intellectual Property Rights	M.V.Muthaih Government Arts College, Dindigul. 9 <sup>th</sup> March, 2019.
11	NAAC Sponsored National Level seminar on Pedagogical Tools in Higher Education	M.V.Muthaih Government Arts College, Dindigul. 30-31 <sup>st</sup> Jan, 2020.
12	Webinar on “Edge colouring on Graphs”	Pope’s College (Autonomous), Sawyerpuram. 18 <sup>th</sup> June 2020
13	One day National Webinar on “Advances in Graph Theory”	Government College Daman, Daman(UT). 29 <sup>th</sup> June 2020
14	National Webinar on “ Problem Solving Techniques in Analysis”	V.O.Chidambaram College, Thoothukudi. 30 <sup>th</sup> June 2020

15	A One day Webinar on “Total Labeling in Graphs”	Thiagarajar College of Engineering, Madurai. 8 <sup>th</sup> July 2020
16	Three Day Online Faculty Development Programme on “Fuzzy Mathematics and its Application”	Government College Daman, Daman(UT). 11-13 <sup>th</sup> July 2020
17	Webinar on “Kankal Pesum”	M.V.Muthaih Government Arts College, Dindigul. 3 <sup>rd</sup> May 2021
18	Webinar on “Research Methodology”	M.V.Muthaih Government Arts College, Dindigul. 5 <sup>th</sup> May 2021
19	“A One day Webinar on Covid-19 Awareness”	M.V.Muthaih Government Arts College, Dindigul. 12 <sup>th</sup> May 2021
20	Five Day Faculty Development Programme on “Salesforce Associate”	Madurai Kamaraj University, Madurai. 30 <sup>th</sup> January 2023 to 3 <sup>rd</sup> February 2023