



Name: Mrs. S. VASANTHI

Qualification: M.Sc., M. Phil., (Ph.D)

Designation: Assistant Professor

Years of Experience: UG: 15 Years 3 months PG: 8 Years

Areas Of Specialization: Graph Theory, Fluid Dynamics.

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### WORKSHOPS

S.No.	Organized by	State/National /International	Topic	Date(s)
1.	Ethiraj College for Women	State	Life skills Education for College Lecturers.	5/01/2009 & 6/01/2009
2.	Ethiraj College for Women	National	Recent Advances in Computational Techniques.	9/01/2009 & 10/01/2009
3.	Ethiraj College for Women	State	Srinivasa Ramanujan's Contribution to Modern Mathematics.	24/02/ 2011
4.	Ethiraj College for Women	State	Young Adult Counselling.	15/04/2011
5.	Jeppiaar Eng. College	National	"Graph – A string that cuts across all Disciplines".	01/06/2011.
6.	Ethiraj College for Women	State	Rethinking of work Culture.	12/06/2012.
7.	Ethiraj College for Women	State	Scientific Approach to SPSS in Research	21/02/2014.
8.	Ethiraj College for Women	State	Project Proposal and Guide Lines for Sciences	12/08/2014.
9.	Ethiraj College for Women	State	Youth Conclave 2014.	29/11/2014

10.	Ethiraj College for Women	National	Potential for Excellence in Higher Educational Institutions.	06/01/2015
11.	Ethiraj College for Women	State	In Health, Stress and Diabetes	11/09/2015
12.	Ethiraj College for Women	State	Performance Enhancement	09/03/2017
13.	Ethiraj College for Women	State	One Day Workshop for Faculty	02/03/2018
14.	Ethiraj College for Women	State	Workshop on working with Moodle Platform	07/07/2020 & 08/07/2020
15	Ethiraj College for Women	International	Optimization Techniques	11/08/2022 & 12/08/2022

### CONFERENCES ATTENDED / PRESENTED PAPER

S.no	Organized by	State/National International	Participated /Presented	Title	Date(s)
1.	Ethiraj College for Women	National	Participated	180days/360° Knowledge Management in Higher Education Quality Enhancement Processes and Strategies	06/02/2008 07/02/ 2008.
2.	D.G.Vaishnav College	International	Presented	Embedding on AVL trees in twisted cubes	13/12/2012 14/12/2012
3.	VIT University	International	Presented	Rainbow colouring of Cactus Graphs	11/12/2014
4.	Jamal Mohammed College	International	Presented	Rainbow colouring of Silicate Networks	23/01/2015
5.	VIT University	International	Presented	Rainbow colouring of Circular Fans	14/12/2015
6.	Women's Christain College	International	Presented	Rainbow Colouring of Hypertrees	07/01/2016- 09/01/2016
7.	Meenakshi College for Women	National	Presented	Rainbow colouring of Circulant Graphs	24/07/2016

8.	VIT University	International	Presented	Strong Rainbow connection Number of Shuffle Hypertrees	16/12/2016-17/12/2016
9.	Ethiraj College for Women	National	Presented	Strong Rainbow connection Number of Hypertrees	12/12/2017-13/12/2017
10.	VIT University	International	Presented	The 3-Rainbow index of Hypercube	23/12/2018-24/12/2018

### SEMINARS

S.no.	Organized by	State/national /international	Topic	Date(s)
1.	Ethiraj College for Women	National	Frontiers of Mathematics	15/10/2010
2.	Ethiraj College for Women	State	Application of Mathematics in Advanced Fields	19/12/2011.

### JOURNAL PUBLICATIONS

S.NO	JOURNAL NAME	ISBN / ISSN NUMBER	DATE OF PUBLICATION/DOI
1.	International Journal of Pure and Applied Mathematics.	1311-8080	November 2016.
2.	International Journal of Mathematics and Soft Computing.	2249-3328/2319-5215.	January 2018.
3.	International Journal of Pure and Applied Mathematics.	1314-3395.	February 2018.
4.	TELEMATIQUE	4351 - 4356	August 2022
5	NeuroQuantology	1303-5150	August 2022

## FAULTY DEVELOPMENT PROGRAMME

S.No.	Organized by	State/National/ International	Topic	Date(s)
1	Ethiraj College for Women	State	Faculty Development Workshop on “Research, Innovation and Creativity”	14/09/2019.
2.	Ethiraj College for Women	State	Open Source Learning Platform: Moodle	24/06/2020
3	D.G.Vaishnav College	State	Promising Success Through Inclusive Development	15/02/2021 – 21/02/2021

## WEBINARS

Sno.	Organized by	State/National/ International	Topic	Date(s)
1	Shri Krishnaswamy College	State	Participated in R - Training	10/05/2020
2	Ethiraj College for Women	State	Webinar Plants Vs Good Health	27/05/2020
3	Ethiraj College for Women	State	A Geometric Approach to Linear Algebra	28/05/2020
4	Ethiraj College for Women	State	Post Covid – Opportunities and Options	01/06/2020
5	A.V. C college of Engineering	State	How to be successful Professor	02/06/ 2020
6	Ethiraj College for Women	State	Python Programming For Industrial Applications	09/06/2020
7	R.M. K Engineering College	National	National Level Webinar on COVID 19: Yesterday, Today and Tomorrow	14/06/2020
8	Ethiraj College for Women	State	Introduction to Java Programming	17/06/2020
9	Science City of Andhra Pradesh	National	Necessity of Yoga Science during the Pandemic Covid – 19	17/06/ 2020
10	Loyola College	International	Enlightening Young Mathematician in Teaching and Research	22/06/2020 23/06/ 2020

11	Ethiraj College for Women	State	Webinar on open Educational Resources	11/07/2020
12	D.G.Vaishnava College	National	Applications of Number Theory in Cryptography	11/07/2020
13	Ethiraj College for Women	State	Tips & Tricks To Crack Competitive Examinations	20/03/2021
14	Ethiraj College for Women	State	Emerging Technologies In Artificial Intelligence	29/03/2021
15	Ethiraj College for Women	State	Applications Of Difference And Differential Equations In Communication Technology.	13/05/2021
16	S.F.R. College for Women	State	Preparation Strategies for UGC NET & TN SET	11/06/2021
17	D.G.Vaishnava College	National	“Open Board, Smart Note Book and Microsoft Math	14/07/2021– 16/07/2021.
18	Ethiraj College for Women	State	Verbal Ability	10/11/2021
19	Ethiraj College for Women	State	Cloud Computing 101	25/11/2021
20	Ethiraj College for Women	State	The Evolution of Cryptography Through Number Theory	24/12/2021
21	Ethiraj College for Women	State	Analysis On Metric Spaces	29/12/2021
22	Ethiraj College for Women	State	Recent Research Trends in Image and Video Processing	03/03/2022
23	Ethiraj College for Women	State	Number Theory and its Applications	21/05/2022
24	Ethiraj College for Women	State	Real Time Applications of Optimization Problems	04/06/2022
25	Ethiraj College for Women	International	Telecommunications and Networking	18/01/2023