

FACULTY PROFILE



Name: Dr. Chitra Suseendran

Qualification: M.Sc., M.Phil., SET., Ph.D.,

Designation: Assistant Professor

Years of Experience: UG: 18 PG: 16

Previous Experience: UG: 3

Area of Specialization: Algebra & Graph Theory

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RESEARCH GUIDANCE

Ph. D Awarded	No
M. Phil Awarded	3

WORKSHOPS ATTENDED

S.no	Organized by	State/National/ International	Title	Date(s)
1.	St. Francis College for Women, Hyderabad	National	Two Days Workshop on Teachers Effectiveness	7 th & 8 th October 2002.
2.	Ethiraj College for Women, Chennai	National	National Symposium on "Mathematics in Industry"	24 th February 2007
3.	Ethiraj College for Women Chennai conducted by Rajiv Gandhi National Institute of Youth Development, Sriperumbudur	National	"Programme on Career Counselling for College Lecturers"	5 th & 6 th January 2009.
4.	Jeppiaar Engineering College, Chennai	National	One Day Workshop on "Graph – A String That Cuts Across All Disciplines"	1 st July, 2011

5.	The Institute of Mathematical Sciences, Chennai	National	3 Day Workshop for College Mathematics Teachers Enriching Collegiate Education	11 th to 13 th March, 2015
6.	Sai Ram Institute of Technology, Chennai	National	Two Days Instructional workshop on Graph Theory and Discrete Mathematics	20 th & 21 st August, 2015.
7.	The Institute of Mathematical Sciences, Chennai, conducted by National Center for Mathematics (a Joint Centre of TIFR & IIT Bombay)	National	Teachers Enrichment Workshop on Algebra & Analysis	23 rd to 28 th May 2016
8.	Ethiraj College for Women, Chennai.	State	Exploring Encryption Techniques using Graph Theory.	28/09/2018
9.	Ethiraj College for Women, Chennai.	State	Programming with Python	30/11/2018
10.	Ethiraj College for Women, Chennai.	National	Symposium on Recent Advances in Mathematics	11/12/2018
11.	Ethiraj College for Women, Chennai.	State	An Introduction to Latex	29/01/2019
12.	Ethiraj College for Women, Chennai.	State	Data Science & Machine Learning with Python	01/02/2019 to 02/02/2019
13.	Ethiraj College for Women, Chennai.	State	Formal Languages and Automata Theory- A Mathematical Approach	06/02/2019
14.	Rajaram College, Kolhapur, Maharashtra.	National	Online Workshop on Google Apps for Education & Moodle.	02/07/2020 to 03/07/2020
15.	Ethiraj College for Women, Chennai, in association with Society for the Advancement of Library and Information Science (SALIS).	National	Online workshop on Working with Moodle Platform.	07/07/2020 to 08/07/2020
16.	Loyola College (Autonomous) Chennai.	National	Online Workshop on Mathematical Analysis (MATANA-2020).	08/06/ 2020 to 13/06/2020

17.	Dr. M.G.R. Educational & Research Institute (Deemed to be University)	National	A Two-Day National Level E-Workshop on Understanding OBS Studio & Streamyard for E-Content Creation and Live Streaming	10/07/2020 to 11/07/2020
18.	Ramanujan College, University of Delhi, in collaboration with Academy of Discrete Mathematics and Applications (ADMA)	International	Online workshop on Recent Trends in Domination and Graph Labelling (RTDGL 2021)".	27/05/2021 to 31/05/2021
19.	Division of Mathematics, School of Advanced Sciences(SAS), at Vellore Institute of Technology, Chennai.	National	One –Day Online Workshop on Typing Question Papers in LaTeX	June 30 th , 2022

CONFERENCES ATTENDED / PRESENTED PAPERS

S.no	Organized by	State/National/ International	Participated/ Presented	Title	Date(s)
1.	Stella Maris College Chennai	National	Participated	National Symposium on “Recent Advances in Computational Techniques”	9 th & 10 th January, 2009.
2.	Ethiraj College for Women , Chennai	National	Participated	One Day Symposium on ,SrinivasaRamunajan ’s Contribution to Modern Mathematics”	24 th February 2011.

3.	Department of Mathematics, IIT Chennai and The Institute of Mathematical Sciences Chennai	International	Participated	“India Taiwan Conference on Discrete Mathematics”	10 th to 13 th July, 2015
4.	Ethiraj College for Women Chennai	National	Participated	Conference on “Emerging Trends in Mathematics”.	12 th & 13 th December 2017
5.	Vellore Institute of Technology, Chennai Campus.	International	Presented	“Secure Restrained Domination in Graphs”	Nov-2013
6.	Women’s Christian College, Chennai.	National	Presented	“A Note on Secure Restrained Domination Number”	Feb-2014
7.	Vellore Institute of Technology, Chennai Campus.	International	Presented	“Secure Domination in Middle Graphs”	Dec-2014
8.	SSN College of Engineering, Chennai.	International	Presented	“Equality of Vertex Covering Number and Secure Vertex Covering Number of Graphs”	Dec-2014
9.	Vellore Institute of Technology, Chennai Campus.	International	Presented	“Secure domination in Cayley graphs on Z_n .	06/12/2018 to 07/12/2018
10.	Ethiraj College for Women, Chennai	International	Participated	Two Day International Conference on "Indian Contribution to Mathematics – Ancient & Modern“	13/10/2022 to 14/10/2022

CERTIFICATE COURSES /VALUE ADDED COURSES

S. No.	Offered by	Topic	Duration
1.	Commonwealth of Learning	Understanding Open Educational Resources	1 Week (OE week)
2.	NPTEL	Foundations of R Software	12 Weeks
3.	IIT-Madras & NPTEL	Linear Algebra for Computer Science And Machine Learning	2-Days, November 19-20, 2022

JOURNAL PUBLICATIONS

S.No	Journal Name	UGC/SCI/SCI/WOS	ISBN/ISSN Number	Reference	Date of Publication/DOI
1.	Mathematics in Computer Science	Impact factor- 0.60 Scopus Indexed	ISSN(P):1661-8270 ISSN(O):1661-8289	RoushiniLeelyPus hpam& Chitra Suseendran. , Secure Restrained Domination in Graphs Vol 9 (2015), 239–247 (Springer Publishers)	DOI: 10.1007/s11786-015-0230-4
2.	International Journal of Mathematics and Soft Computing,		ISSN(P): 2249-3328 ISSN(O): 2319-5215	RoushiniLeelyPus hpam& Chitra Suseendran , Efficient Secure Domination in Graphs,5(2) (2015),59– 68.	DOI: https://oaji.net
3.	Journal of Discrete Mathematical Sciences and Cryptography,	Impact factor- 0.54	ISSN(P): 0972-0529 ISSN(O): 2169-0065	RoushiniLeelyPus hpam& Chitra Suseendran. , Further Results on Secure Restrained Domination in Graphs Vol 19(2)	DOI: 10.1080/09720529.2014.1001590

				(2016),277-291 (Taylor & Francis)	
4.	Discrete Mathematics, Algorithms and Applications	Impact factor- 0.39 Scopus Indexed UGC	ISSN(P):1793-8309 ISSN(O):1793-8317	RoushiniLeelyPus hpam& Chitra Suseendran. , Secure Vertex Cover of a Graph., Vol 9(2) (2017). (World Scientific Publishers)	DOI: 10.1142/S1793830917500264
5.	Discrete Mathematics, Algorithms and Applications	Impact factor- 0.39 Scopus Indexed UGC	ISSN(P):1793-8309 ISSN(O):1793-8317	RoushiniLeelyPus hpam& Chitra Suseendran. , m-Secure Vertex Cover of a Graph., Vol. 10, No.5 (2018) (15 pages) (World Scientific Publishers)	DOI: 10.1142/S1793830918500751
6.	International Journal of Pure and Applied Mathematics,	UGC	ISSN(P): 1314-3395	RoushiniLeelyPus hpam& Chitra Suseendran. , Secure Domination in Cayley Graphs on Z_n , Vol 120 No.9 (2018),157-165	url: http://www.acadpubl.eu/hub/
7.	Bulletin of the International Mathematical Virtual Institute	UGC	ISSN (P) 2303-4874 ISSN (O) 2303-4955	RoushiniLeelyPus hpam& Chitra Suseendran. , Secure Domination in Middle graphs, Vol. 9(2019), 25-38. (International Mathematical	DOI: 10.7251/BIMVI1901025P

				Virtual Institute)	
8.	Bulletin of Pure and Applied Sciences Section E- Math. & Stat.	UGC	ISSN(P): 0970-6577 ISSN (O):2320-3226	Chitra Suseendran , S.Priyadharshini Secure Domination in Degree Splitting Graphs of Certain Graphs, Vol 38E, Number 2(S), July- Dec 2019.	DOI: 10.5958/2320-3226.2019.00079.1
9.	Discrete Mathematics, Algorithms and Applications.	UGC	ISSN(P):1793-8309 ISSN(O): 1793-8317	Chitra Suseendran& Fathima Tabrez., Star Chromatic Number of Harary Graphs Vol 13, No. 06 (2021) (World Scientific Publishers)	DOI: 10.1142/S1793830921500695
10.	South East Asian Journal of Mathematics and Mathematical Sciences	UGC	ISSN(P) 0972-7752	Chitra Suseendran& P.K. Lakshmi Priya ., Connected Forcing Number of Certain Graphs Vol. 18, No. 1 (2022), pp. 387-396 Published by Ramanujan Society of Mathematics and Mathematical Sciences.	http://rsmams.org

FDP/STTP

S.no.	Organized by	State/National / International	Topic	Date(s)
1.	Ramanujan College, University of Delhi with Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, MHRD.	National	Two Weeks Faculty Development Programme on Managing Online Classes and Co-Creating MOOCS.	20/04/2020 to 06/05/2020
2.	Ramachandra College of Engineering, Eluru, Andhra Pradesh, with National Science and Technology Entrepreneurship Development Board, DST, Government of India, New Delhi.	National	One Week National Level Online Faculty Development Programme on Innovations to Academicians.	11/05/2020 to 16/05/2020
3.	Vardhman College of Engineering, Andhra Pradesh in collaboration with Brain O Vision Solutions India PVT.Ltd.	National	One Week Online Faculty Development Programme on Artificial Intelligence .	22/05/2020 to 26/05/2020
4.	Ethiraj College for Women, Chennai.	National	Research Funding and Publications	26/05/2020 to 28/05/2020

5.	B.S. Anangpuria Educational Institutes, Faridabad, U.P.	National	Five Days Faculty Development Programme in Online Mode on Academic Enhancement through Quality Research.	15/07/2020 to 19/07/2020
6.	Cochin University of Science and Technology in collaboration with The Kerala State Higher Education Council.	National	One Week Online Short-Term Faculty Development Programme on Implementation of Information and Communication Technology.	18/07/2020 to 24/07/2020
7.	Prince Shri Venkateshwara Arts and Science College, Gowrivakkam, Chennai	National	Five Days Online Faculty Development Programme on Emerging Trends and Challenges in Higher Education and Research	18/4/2022 to 22/04/2022
8.	Division of Mathematics, School of Advanced Sciences(SAS), at Vellore Institute of Technology, chennai.	National	Advanced LaTeX	June 27 to -29, 2022

WEBINARS [National/International]

S.no	Organized by	State/National /International	Topic	Date(s)
1.	MES, Mampad College, Kerala.	International	Recent Research Topics in Graph Theory	20/05/2020 to 21/05/2020
2.	Government Arts College, Paramakudi.	National	Dr.V.Swaminathan Endowment Lecture Series on Recent Trends in Graph Theory 22 nd June 2020 to 24 th June 2020.	22/06/2020 to 24/05/2020
3.	Ethiraj College for Women Chennai in association with Society for the Advancement of	National	Open Educational Resources	11/07/2020

	Library and Information Science (SALIS).			
4.	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education	National	Experiential Learning as Envisaged in NEP-2020	19 th June 2022
5.	International Council for Education , Research and Training(ICERT).	International	Education for Sustainability	June 25 th 2022
6.	International Council for Education , Research and Training(ICERT).(Webinar to celebrate – Digital India)	International	Knowledge Extraction and Visualization with Digital Data	9 th July 2022
7.	Department of Education and Psychology, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat	National	Contribution of Indian Festivals in involving the spirit of Freedom Struggle and their Relevance for Future Generations”	1 st October 2022.

8.	One Day International Seminar on the Occasion of WHO/UN' "organised by organized by International Council for Education , Research and Training(ICERT).		Make Mental Health and Wellbeing for all- A Global Priority	10 th October 2022,
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OTHERS

- Refereed a paper in Australasian Journal of Combinatorics.
- Chaired a Paper Presentation Session in National Conference on Mathematics and Computer Applications in Women's Christian College, Chennai on 29th January 2020.
- Guided 8 M.Sc. Students for Project from Women's' Christian College and Stella Maris College, Chennai in Graph theory. * Guiding currently one student for PG project.