

2. FACULTY PROFILE:



Name: Dr. R. Prabha

Qualification: M.Sc., M.Phil., Ph.D, NET-JRF

Designation: Assistant Professor and Head

Years of Experience: UG: 12 PG: 02

Previous Experience: UG: 08 PG: Nil

Area of Specialization: Graph Theory, Combinatorics

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RESEARCH GUIDANCE

Ph.D Awarded	Nil
Ph.D Guiding	03
M.Phil Awarded	08
M.Phil Guiding	01

WORKSHOPS

S.No.	Organized by	State/National/ International	Topic	Date(s)
1	Tamil virtual University & Ethiraj College for women	State	Tamil Menporutkal Payanpaadu	07/09/2017
2	Institute of Mathematical Sciences, Chennai	State	Enrichment Workshop on “Algebra, Discrete Mathematics & Complex Analysis”	22/05/2017 to 27/05/2017
3.	Bishop Heber College (Autonomous) Tiruchirappalli – 17	State	Workshop on R-stat 2K17	20/02/2017 to 22/02/2017

CONFERENCES ATTENDED/PRESENTED PAPER

S.No.	Organized by	State/National /International	Participated/ Presented	Title	Date(s)
1	VIT University, Chennai	International	Presented	Double Roman Domination number of the Middle graph of Path and Cycle	23/11/2018 to 24/11/2018

JOURNAL PUBLICATIONS

S.No.	Journal Name	UGC/SCI / SCIE/W OS	ISBN/ISSN Number	Reference	Date of publication/ DOI
1.	AIP Conference Proceedings	Scopus	0094-243X	R.Prabha and B. Thenmozhi, <i>Power edge set of graphs</i> , AIP Conference Proceedings, accepted October (2021).	October, 2021
2.	Journal of physics: Conference series	Scopus	1742-6596	R.Prabha and B. Thenmozhi, <i>Global Power domination of graphs</i> , Journal of physics: Conference series -1770 (2021) 012065.	March, 2021
3	Journal of Physics: Conference series	Scopus	1742-6596	R.Prabha and R.Kalaiyarasi, <i>Isometric Path Partition Problem on Tree Derived Architectures</i> , Journal of Physics: Conf. Ser. 1770 012067 (2021).	2021
4	AIP Conference Proceedings	Scopus	0094-243X	R.Prabha and R.Kalaiyarasi, <i>Isometric path partition number of honeycomb derived networks</i> , AIP Conference Proceedings 2277, 100008 (2020).	06/11/2020 https://doi.org/10.1063/5.0025315 .
5	IOP Conf. Ser.: Mater.Sci.Eng.	Scopus	1757-899X	R.Prabha and R.Kalaiyarasi, <i>Isometric Path Partition Number of Butterfly Network and X Trees</i> , IOP Conf. Ser.: Mater.Sci.Eng. 912 062052 (2020).	11/09/2020
6	Advances Applications Mathematical Sciences.	UGC	0974-6803	R.Prabha and S. Renukaa Devi, <i>General position problem of Hexagonal Derived Networks</i> , Adv. Appl. Math. Sci., received June 20, (2020); accepted January 18 (2021).	2021
7	AIP Conference Proceedings	Scopus	0094-243X	R.Prabha and S. Renukaa Devi, <i>General position problem of Hypertree and Shuffle Hypertree Networks</i> , AIP Conference Proceedings 2277, 100015 (2020)	06/11/2020 https://doi.org/10.1063/5.0025311 .
8	Studies in Indian Place Names		2394-3114	R. Prabha and S. Renukaa Devi, <i>General position problem of Tree Derived Architectures</i> , Studies in Indian Place Names, Vol. 40, Issue-20, pages 371-376, (2020).	26/02/2020

FDP/STTP

S.No.	Organized by	State/National /International	Topic	Date(s)
1	University of Madras	State	Real Analysis	7-11-2017 to 27-11-2017
2	NPTEL -Swayam	National	Introduction to abstract and linear algebra	August – October 2019
3	Refresher course	National	TLC, Ramanujan College, University of Delhi	16-30 March 2021
4	ARPIT – Refresher course	National	NPTEL Swayam	April 2020

RESOURCE PERSON

S.No.	Organized by	State/National /International	Topic	Date(s)
1	Research Forum in Mathematics - St.Mary's College, Thoothukudi	State	Graph Theory – Isometric Path Partition Problems	21/12/2021
2	Anna Adarsh College for Women, Chennai	State	Workshop on Graph Theory “Domination Problems”	27/08/2019
3	Valliammal College for Women, Chennai	State	Workshop on Graph Theory “Coloring Problems”	05/02/2019
4	Sri Sairam Institute of Technology, Chennai	State	Two Days Instructional Workshop on Graph Theory and Discrete Mathematics	20/05/2015 to 21/05/2015

Member:

Tamilnadu State-integrated board of studies in Mathematical Sciences, TANSICHE.

Member Board of Studies:

Department of Mathematics, M.O.P Vaishnav College for Women, Chennai – 34 for the academic year 2018-19.