

DR. H. SHANMUGA PRIYA

Designation : Assistant Professor
Department : Mathematics
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Date of Birth : 29.10.1988

Languages Proficiency

Read : Tamil & English
Write : Tamil & English
Speak : Tamil & English

1. QUALIFICATION

S. No.	Degree / Diploma / Certificate	Discipline	Name of the Institution	Year of Passing
1.	UG	Mathematics	Lady Doak College, Madurai	2009
2.	PG	Mathematics	Lady Doak College, Madurai	2011
3.	M.Phil.	Mathematics	The Madura College, Madurai	2012
4.	Ph.D.	Mathematics	Madurai Kamaraj University, Madurai	2019
5.	SET	Mathematics	Mother Teresa University, Kodaikanal	2017

2. TEACHING EXPERIENCE / OTHER EXPERIENCE

S. No.	Institution / Organization	From - To
1.	Fatima College, Madurai	June 2012 – Aug. 2014
2.	Fatima College, Madurai	June 2017 – Nov. 2019
3.	Fatima College, Madurai	June 2024 – Till Date

3. POSITION HELD IN FATIMA (VICE PRINCIPAL, HoD, DEAN, COORDINATOR, MEMBER ETC.)

S. No.	Name of the Position	From - To
1.	Staff-in-Charge, Discipline Committee	2012-2013
2.	Staff-in-Charge, Certificate Course	2013-2014
3.	Staff-in-Charge, Quality Circle	2012-2014
4.	Staff-in-Charge, Human Rights	2012-2014

S. No.	Name of the Position	From - To
5.	Staff-in-Charge, Extension Activity	2017-2019
6.	Staff-in-Charge, Research Cell	2017- 2019
7.	Coordinator (Shift-II), Human Rights	June, 2018 – Nov, 2019
8.	Staff-in-Charge, Discipline Committee	2024-2025
9.	Coordinator (Shift-II), Quality Circle	2025-till date

4. AREAS OF SPECIALIZATION

- ❖ **Graph Theory**
- ❖ **Differential Equations**

5. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	Programme	Theme	Organized by	Date
1.	Faculty Orientation Programme	The Vision and Mission of Higher Education	IQAC, Fatima College, Madurai	June 16, 2012
2.	Faculty Development Programme	Teach to Transform	IQAC, Fatima College, Madurai	June 13, 2017
3.	Faculty Orientation Programme	Alternative Teaching Methodology	IQAC, Fatima College, Madurai	Oct 24, 2017
4.	Faculty Development Programme	Quality Higher Education & NAAC Challenges and Metrics	IQAC, Fatima College, Madurai	June 11, 2018
5.	Faculty Development Programme	Exploring New Horizons in Mathematical Research	PG and Research Department of Mathematics, V.O.C College.	Aug. 19 - 24, 2024

6. PAPER PRESENTED ON NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S. No.	Programme & Theme	Organized by	Date	Title of the Paper
1.	National Conference	The Madura College, Madurai	Aug. 29 & 30, 2013	Labelings and Decompositions of Graphs
2.	International Conference	Bishop Heber College, Trichy	Aug. 23, 2013	Simple Geodesic Path Covers And Helly Property
3.	National Conference	Mannar Thirumalai Naicker College, Madurai	Dec. 16, 2016	Simple Decomposition of Graphs into Geodesic Paths
4.	National Conference	Thiagarajar College of Engineering, Madurai	Feb. 23 & 24, 2017	Isomorphic Simple Geodesic Path Covers

7. PARTICIPATED ON NATIONAL/INTERNATIONAL SEMINARS, WORKSHOPS, CONFERENCES & SYMPOSIUMS

S. No.	Programme & Theme	Organized by	Date
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1.	National Conference on New Insights in Modern Topology	Arul Anandar College, Madurai	Mar. 01, 2010
2.	National Conference on Mathematical Models and Methods	The Madura College, Madurai	Mar. 01 & 02, 2012
3.	National Conference on Recent Developments in Application of Graph Theory	Raja Dorai Singam Government Arts College, Sivagangai	Aug. 02 & 03, 2013
4.	National Conference on Interactive Group Discussion on Domination Theory	E.M.G Yadava Women's College, Madurai	October 21 & 22, 2013
5.	International Symposium on Igniting Global Change Through Eco-Friendly Approach	Fatima College, Madurai	Feb. 13, 2013
6.	State Level Workshop on Workshop on Research Methodology	The Madura College, Madurai	Dec. 22, 2016
7.	International Conference on Applied Mathematics	Fatima College, Madurai	Aug. 21, 2017
8.	International Symposium on Application in Graph Theory	Fatima College, Madurai	Sep. 19, 2017
9.	National Level Seminar on Nurturing Academic Integrity Consistency & Transparency in Academia	Fatima College, Madurai	Sep. 17, 2018
10.	Intercollegiate Research Fest on Sustainable Goals of India	Fatima College, Madurai	Feb. 20, 2019

8. ARTICLES PUBLISHED IN JOURNALS/PROCEEDINGS/MAGAZINES/BOOKS

S. No.	Journal/Proceeding/Magazine/Book Name	Title of the Article	Month/Year	Vol. No.	Issue No.	Page No.	ISSN	Publisher
1.	International Journal of Advances in Mathematics	Simple Geodesic Path Covers and Helly Property	2017	2	3	34-39	2456 - 6098	adv-math
2.	Iranian Journal of Mathematical Sciences and Informatics	Difference Labeling and Decomposition	2023	18	2	153 - 168	1735-4463	Culture and Research ACECR at Tarbiat Modares University
3.	Discrete Mathematics Algorithms and Applications	Equitable path Decomposition Of Graphs	2025	17	2	2450017-1 - 2450017-13	1793-8309	World Scientific
4.	Journal of Indian Mathematical Society	Simple Decomposition of Graphs into Geodesic paths	2025	18	1	1-18	0019-5839	Indian Mathematical Society