Name: Dr. T. SIVAKARAN	**Photo**	
Designation:	Assistant Professor	
Qualification:	B.Sc., M.Sc., M.Phil., Ph.D., Postdoctoral Fellow	
Area of specialization:	Graph Theory	
Experience:	**Industrial Experience**	**Teaching Experience**
	-	**1 Year & 9 Months**

Number of workshops / FDP attended:	**Number of Workshops**		**Number of FDPs**	
	4		**5**	
Publications:	**Conference**		**Journal**	
	National	**International**	**National**	**International**
	-	-	1	5
Books / Book Chapters	-			
Patents:	**National**		**International**	
	-		-	
Professional Body Membership	IEEE			
Staff Achievements	-			

Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc.	Mathematics	2011	Saradha Gangadharan College	Pondicherry University	75.3	First Class
PG	M.Sc.	Mathematics	2013	Saradha Gangadharan College	Pondicherry University	87.8	Distinction
	M.Phil.	Mathematics	2015	-	Annamalai University	9.07 OGPA	Distinction
	Ph.D.	Mathematics	2019	-	Kalasalingam Academy of Research and Education	-	Awarded

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days

Workshops/Seminars attended:

1. Pre-Conference Workshop on Algebraic and Applied Combinatorics, National College, Tiruchirapalli, June 15-17, 2016.

2. National Workshop on Product Graphs, Periyar University, Salem, India, February 23-25, 2017.

3. National Workshop on Algebra, Analysis and Differential Equations, National Institute of Technology Tiruchirappalli, India, June 14-18, 2021.

4. Workshop on Inclusive Teaching Strategy, Department of English, Sairam Institutions, Chennai, December 21, 2023.

FDP Attended:

1. FDP on "DATA ANALYTICS & MATHEMATICAL SOFTWARE TOOLS", Teaching Learning Centre, Ramanujan College, University of Delhi, India, 25 February - 03 March 2022.

2. FDP on "Empowering Educators: Strategies for holistic teaching and professional growth", Sri Malolan College of Arts and Science, India, December 18-22,2023.

3. FDP on "Ethics in Engineering Practice", NPTEL-AICTE, India, (8 weeks) February -April 2024.

4. FDP on "Technical Communication for Engineers", NPTEL-AICTE, India, (4 weeks) July -August 2024.

5. FDP on "Development Research Methods", NPTEL-AICTE, India, (8 weeks) August -October 2024.

Symposium Attended: -

Conference Attended:

1. Fourth India Taiwan Conference on Discrete Mathematics, IIT Madras, July 10-13, 2015.

2. International Conference on Graph Theory and its Applications, Amrita University, Coimbatore, December 16-19, 2015.

3. International Conference on Theoretical Computer Science and Discrete Mathematics (ICTCSDM 2016), Kalasalingam University, Krishnankoil, India, December 19-21, 2016.

4. International Conference on Graph Theory (ICGT-2024) , Department of Mathematics, Periyar University, Salem, India, January 08-09, 2024.

Completed / Ongoing Projects: -

Patent: -

Journal Publications:

1. P. Paulraja and T. Sivakaran, Decompositions of some regular graphs into connected unicyclic graphs and hypercubes, Ars Combinatoria, 151 (2020), 123–144, (**Scopus indexed journal**).

2. P. Paulraja and T. Sivakaran, Decompositions of some regular graphs into connected unicyclic graphs of order 5, Discrete Mathematics Algorithms and Applications, 11(4) (2019), 1950042 (34 pages), (**ESCI and Scopus indexed journal**).

3. R. S. Manikandan, P. Paulraja, and T. Sivakaran, p^2 -Cycle decompositions of the tensor product of complete graphs, Australasian Journal of Combinatorics, 73(1) (2019), 107–131, (**ESCI and Scopus indexed journal**).

4. R. Sampathkumar and T. Sivakaran, 4t-cycle decomposition of the 2-fold tensor product $(K_m \times K_n)(2)$, Bulletin of the   Institute of Combinatorics and its Applications, 96 (2022), 84–106, (**Scopus indexed journal**).

5. S. Anantharaman, R. Sampathkumar, and T. Sivakaran, Rainbow mean colorings of some   classes of graphs, Indian Journal of Discrete Mathematics, 8(2) (2022), 69–98, (**UGC care list journal**)

6.   T. Sivakaran, Decompositions of the λ-fold complete equipartite graph into unicyclic graphs of order five, Ars Combinatoria, 160 (2024), 73–83, (**Scopus indexed journal**).

Books / Book Chapters: -

Awards:

1. Dr. D.S. Kothari Postdoctoral Fellowship
2. University Fellowship

Startup: -

Webinar: -

Resource Person:

1. Guest lecture on "Research Topics in Graph Theory and its Applications", celebrating Ramanujan's day on 22nd December 2023 at Saradha Gangadharan College, Puducherry.

Online Courses:

1. "Ethics in Engineering Practice", NPTEL-AICTE, India, (8 weeks) February -April 2024.

2. "Technical Communication for Engineers", NPTEL-AICTE, India, (4 weeks) July -August 2024.

3. "Development Research Methods", NPTEL-AICTE, India, (8 weeks) August -October 2024.