

**Dr.M. Sivanandha Saraswathy**

Associate Professor, Department of Mathematics

Velammal College of Engineering and Technology, Madurai

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Blog Address:

**Educational Qualification:**(will be either in Table (or) Paragraph starting with Higher Degree)

S.No	Degree	Name of the College/University	Year of Passing	Percentage
1	Ph.D	Manonmaniam Sundaranar University	2014	
2	M.Phil Mathematics	The Kamaraj University	2003	59
3	M.Sc Mathematics	The American College	1999	66
4	B.Sc Mathematics	The Kamaraj University College	1997	77.1

**Experience in Years: 17 Years 9 Months****Employment History:** (will be either in Table (or) Paragraph starting with cur

S.No.	Name of the Institution	Years of Experience	Designation	Year
1	Velammal College of Engineering and Technology	10days	Associate Professor	2024-tilldate
2	Kalasalingam Academy of Research and Education	1 Year 2 months	Assistant Professor	2022-2024
3	Thiagarajar College of Engineering	14	Assistant Professor	2007-2021
4	R.L.Institute of Nautical Sciences	1	Lecturer	2006-07
5	Crescent Teacher Training College	1	Lecturer	2005-06
6	Jairam Arts and Science College	1	Lecturer	2004-05

**Interested Research Areas: Graph Theory, Fuzzy Graph****Scholarships and Awards received:**

- Received IJRULA Award for the certificate of Merit in recognition with outstanding work and Achievement in the field of Research and Co-curriculum on August 2018.

**Publications Details:** (will be either in Table (or) Paragraph starting with latest publication)

**1. Patent Journal Publication Details:**

**2. International Journal Publication Details:**

- Boundary Domination in Graphs ,  
[https://imi.pmf.kg.ac.rs/kjm/pub/12746213098929\\_kjom3305](https://imi.pmf.kg.ac.rs/kjm/pub/12746213098929_kjom3305).
- The Upper and Lower Independence Number of Graphs  
<https://www.researchgate.net/publication/265500921>.
- Characterization of Boundary Graphs,  
<http://ijlemr.com/papers/volume1-issue6/2.IJLEMR-11071>
- Dynamics of Boundary Graphs,  
<https://www.banglajol.info/index.php/JSR/article/view/14866>
  
- Steiner boundary distance in Graphs  
<https://harbinengineeringjournal.com/index.php/journal/article/view/2607>
  
- First and Second Zagreb coindices of Certain Special Types of Graphs  
[https://www.bdtgd.cn/vol-42\\_02.php](https://www.bdtgd.cn/vol-42_02.php)

**3. International Conference Presentation Details:**

- Presented in International Conference on Graph Theory and Labeling, Kalasingam University, January 2009
- Presented in International Conference on "Recent Trends in Mathematics and its Applications (ICRTMA'24)" Organized by the Department of Mathematics on 23rd February 2024 in AIMAN College at, Trichy.

**4. National Conference Presentation Details:**

Topic	Delivered At
Boundary Digraphs	The Madura College, Madurai
Fuzzy Boundary Graphs	National College, Trichy
The upper and Lower Independence number in Graphs	ANJA college , Sivakasi

**5. Google Scholar report:**

<https://scholar.google.com/citations?hl=en&user=6VhXo1MAAAAJ>