

**Sri Sai Ram Engineering College**  
**Department Of Humanities And Sciences**

<p><i>Name: Dr. T. Sivakaran</i></p>	
<p><i>Designation :</i></p>	<p><i>Assistant Professor</i></p>
<p><i>Qualification :</i></p>	<p><i>B.Sc., M.Sc., M.Phil., Ph.D., Postdoctoral Fellow</i></p>
<p><i>Area of Specialization :</i></p>	<p><i>Graph Theory</i></p>
<p><i>Experience :</i></p>	<p><i>Teaching : UG : 10 month 8 days</i> <i>PG : - yrs</i></p>
	<p><i>Industry : -</i></p>
<p><i>No. of Workshop / Conferences / FDP attended</i></p>	<p><i>Workshop - 3 / Conferences - 4 / FDP - 2</i></p>
<p><i>Publications : 5</i></p>	<p><i>Journals</i> <i>National : 1</i> <i>International : 4</i></p>
	<p><i>Conferences</i> <i>National : -</i> <i>International : -</i></p>
<p><i>Research Guidance :</i></p>	<p><i>-</i></p>
<p><i>General :</i></p>	<p><i>-</i></p>
<p><i>Staff Achievements:</i></p>	<p><i>1. University Research Fellowship: from July 2015 to</i></p>

	<p style="text-align: center;"><i>June 2018</i></p> <p style="text-align: center;">2. <i>UGC-Postdoctoral Fellowship: from July 2, 2020 to July 1, 2023</i></p> <p style="text-align: center;">3. <i>Best paper award 2024.</i></p>
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### **Educational Qualification:**

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

### **Academic Experience:**

<b>Name of the College</b>	<b>Designation</b>	<b>Joining Date</b>	<b>Relieving Date</b>	<b>Experience</b>		
				<b>Years</b>	<b>Months</b>	<b>Days</b>
<i>Sri Sairam Engineering College</i>	<i>Assistant Professor</i>	<i>16.08.2023</i>	<i>Till Date</i>		<i>5</i>	<i>5</i>
<i>Saradha Gangadharan College</i>	<i>Assistant Professor</i>	<i>27.01.2020</i>	<i>30.06.2020</i>		<i>5</i>	<i>3</i>
<i>Total</i>					<i>10</i>	<i>8</i>

### **PUBLICATIONS**

**Journals: 5**

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

### Scopus. 3

#### Conferences:

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)*, Periyar University, Salem, India, January 08-09, 2024.

#### Workshops:

1. *Pre-Conference Workshop on Algebraic and Applied Combinatorics*, National College, Tiruchirappalli, 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.

#### FDP:

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, Madurantakam, India, December 18-22, 2023.*