


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

<p><i>Name : Dr. B. THENMOZHI</i></p>	
<p><i>Designation :</i></p>	<p><i>Assistant professor-II(2.6.2014 -31.8.2022)</i> <i>Associate professor(1.9.22-till date)</i></p>
<p><i>Qualification :</i></p>	<p><i>M.Sc., M.Phil., Ph.D, SET Qualified</i></p>
<p><i>Area of Specialization</i></p>	<p><i>Graph Theory</i></p>
<p><i>Experience :</i></p>	<p><i>Teaching : UG : 17 yrs 7months</i> <i>PG : 2 yrs</i></p>
	<p><i>Industry : Nil</i></p>
<p><i>No. of Workshop / Conferences / FDP attended</i></p>	<p><i>11 conferences and 6 Workshop</i></p>
<p><i>Publication :</i></p>	<p><i>Journal</i></p> <p style="text-align: right;"><i>National : 0</i> <i>International : 6</i></p>
	<p><i>Conference</i></p> <p style="text-align: right;"><i>National : Nil</i> <i>International : 1</i></p>
<p><i>Research Guidance :</i></p>	<p><i>Nil</i></p>
<p><i>General :</i></p>	<p><i>Life member of ISTE</i></p>
<p><i>Staff Achievements</i></p>	<p><i>100% results for many papers</i></p>

Educational Qualification:

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	2001	Thiru Kolangiappar Govt arts college	University of madras	70%	I class
PG	M.Sc	Mathematics	2004	Annamalai university	Annamalai university	8.59 OGPA	I class with distinction
	M.phil	Graph theory	2006	Annamalai university	Annamalai university	9.10 OGPA	I class with distinction
Ph.D.		Graph theory	2023	Ethiraj college for Women	University of Madras		

Academic Experience: As on 31-07-2022

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Thiru Kolangiappar Govt. arts college	Guest Lecturer	01.07.2005	30.03.2006	-	9	-
Adhiparasakthi Engg. college	Assistant professor	18.12.2006	31.05.2014	7	5	12
Sri Sairam Engineering college	Assistant professor	02.6.2014	31.08.2022	8	2	0
Sri Sairam Engineering college	Associate Professor	1.9.2022	Till date	1	3	
Total				17	7	12

PUBLICATIONS

Journals:

1. Published my research paper **Power Domination of Middle graph of path, cycle and Star** in *International journal of pure and applied mathematics (IJPAM)*. Volume 114 No.5 May 2017, 13-19.
2. Published my research paper **dr-Power Domination of circulant networks** in *International in journal of pure and applied mathematics (IJPAM)*. Volume 120 No.8 2018, 109-115.
3. Published my research paper **Power Domination Number of certain cycle derived graphs** in *journal of information and computational science* Volume 10 Issue 2-2020, 827-832.
4. Published my research paper **Global Power Domination Number of graphs** in *journal of physics* doi:0.1088/742-6596/1770/1/012065. (SCOPUS)
5. Published my research paper **Power domination number of Some Convex Polytopes** in *Journal of Algebraic Statistics* Volume 13 No.2 p-3326-3332.(WOS)
6. Published my research paper **Power edge set of graphs** in *AIP conference Proceedings*.doi:10.1063/5.0110131.(SCOPUS).
7. Published my research paper **Power edge set number of certain cycle derived graphs** published in *IEEE Xplore digital library* .DOI:10.1109/ICCST55948.2022.10040429(SCOPUS).

Conferences:

1. Presented my Research paper "**dr-Power Power domination of certain cycle derived graphs**" *International Conference on Mathematical Models in Computational Intellig3ence-2023* on 14 &15 th December 2023 at *Ethiraj College for Women chennai*.
2. Presented my Research Paper "**Power edge set number of certain cycle derived graphs**" in the *Sairam CSE-IEEE Technically Sponsored 1 st International Conference on*

Computational Science and Technology -2022 on 9.11.2022-10.11.2022 at the Sri Sai Ram Engineering College.

3. *Presented my Research Paper “**Power Domination number of some convex ‘polytopes’**” in the International Conference on Computational and Applicable Mathematics on 3/3/2022 - 4/3/2022 at The Quaide Milleth College for Men.*
4. *Presented my Research Paper “**Power edge set number of graphs**” in the International Conference on Mathematical Techniques and Applications on 24/3/2021 - 26/3/2021 at SRM university.*
5. *Presented my Research Paper “**Global Power domination number of graphs**” in the International Conference on Mathematical Science on 4/3/2020 - 6/3/2020 at Sathyabama university.*
6. *Presented my Research Paper “**Power domination number of certain cycle derived graphs**” in the International Conference on Recent Advancements in Applied Mathematics on 22-nd November 2019 at S.I.V.E.T. College.*
7. *Presented my Research Paper “**P-domatic number of Graphs**” in the International Conference on Theoretical Computer science and discrete Mathematics on 3-5 December 2018 at SSN College of Engineering.*
8. *Presented my Research Paper “**Global Power Domination of Graphs**” in the International Conference on Mathematical Computer Engineering on 23-24 November 2018 at VIT Chennai.*
9. *Presented my Research Paper “**dr. Power Domination of some graphs**” in the National Conference on Emerging Trends in Mathematics on 12th and 13th December 2017 at Ethiraj College for women.*
10. *Presented my Research Paper “**dr. Power Domination of Circulant Networks**” in the International Conference on Mathematical Computer Engineering on 3-4 November 2017 at VIT Chennai.*
11. *Presented my Research paper **Power Domination of Middle graph of path, cycle and star** in 2017 at SRM, Vadapalani campus on Feb., 2017.*

Workshops:

1. *Two days Instructional work shop on “Graph Theory and Discrete Mathematics” held at Sri Sairam Institute of Technology during 20th&21st August 2015.*
2. *Two days Instructional work shop on “Recent Trend in Graph Theory and Combinatorics” at Meenakshi College for Women during 26th-27th July 2016.*
3. *Two days Instructional work shop on “Graph Theory and Internet of things in Engineering” held at VIT, Chennai during 13th & 14th 2018.*
4. *One day Faculty Development programme “Documentation of Graphs is using Latex” at C.Abdul Hakeem college of Engineering and Technology on 13.5.2020.*

5. *Five days Faculty Development programme "Introduction to data science" Cuntur Engineering College on 18.5.20-22.5.20.*
6. *One day Faculty Development programme "Fuzzy sets and system" Patrician college of arts and science on 16.5.2020.*
7. *Faculty development Programme "Descriptive Statistics with R Software" funded by the Ministry of HRD, Government of India during the period Feb-Apr-20*

Online Courses:

1. *Got an Elite certificate in NPTEL Online Certification course on "Advanced Graph Theory" funded by the Ministry of HRD, Government of India.*
2. *"Spreadsheets for beginners using Google sheets" Coursera project network 18.5.2020.*
3. *"AI for everyone" Coursera project network 14.5.2020.*
4. *"Data science and Maths skills" DUKE university 6.6.2020.*
5. *Got an Elite certificate in NPTEL Online Certification course on "Descriptive Statistics with R" funded by the Ministry of HRD, Government of India during the period Feb-Apr-2021.*
6. *Successfully completed NITTTR Module VI- Students Assessment and Evaluation of NATIONAL INITIATIVE FOR TECHNICAL TEACHERS TRAINING.*
7. *Online course on Module - I - Orientation towards Technical Education and Curriculum Aspects conducted by NITTTR.*
8. *Online course on Module - II - Professional Ethics and Sustainability conducted by NITTTR.*
9. *Online course on Module - V - Technology Enabled Learning and Life-Long Self Learning conducted by NITTTR.*
10. *Online course on Module - VII - Creative problem Solving, innovation and Meaningful R&D conducted by NITTTR.*
11. *Online course on Module - III - Communication skills modes & Knowledge Dissemination conducted by NITTTR.*
12. *Online course on Module - IV - Instructional planning and Delivery conducted by NITTTR.*
13. *Online course on Module - VIII- Institutional Management and Administrative Procedures by NITTTR.*

Webinars

1. *"Computational fluid Dynamics" at SSN College on 4/6/2020.*
2. *"Introduction to graphs from Algebraic structure" at GTN Arts College on 22/5/2020.*

3. *“Healthy Womanhood during covid 19” at sairam Engineering College on 4.7.2020*
4. *“The future skills-Education, Employment& Enterpreneurship” ICT academy on 13th May.*