


<b>Name:</b> <b>DR.B.THENMOZHI</b>	<b>Photo</b> 			
<b>Designation:</b>	<b>ASSOCIATE PROFESSOR</b>			
<b>Qualification:</b>	M.SC., M.PHIL., PH.D.,SET Qualified			
<b>Area of specialization:</b>	GRAPH THEORY			
<b>Experience:</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	<b>1</b>	<b>4</b>		<b>8</b>
<b>Books / Book Chapters</b>	<b>1</b>			
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	<b>3</b>			
<b>Professional Body Membership</b>	<b>ISTE &amp; IEEE</b>			
<b>Staff Achievements</b>	Achieved 100% results several times.			

## 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
Ph.D		Graph theory	2023	Ethiraj college for Women	University of Madras		
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
UG	B.Sc	Mathematics	2001	Thiru Kolangiappar Govt arts college	University of madras	70%	I class

## Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Thiru Kolangiappar Govt. arts college	Guest Lecturer	1.7.2005	30.3.2006	-	9	-
Adhiparasakthi Engg. college	Lecturer	18.12.2006	31.5.2010	3	5	12
	Assistant professor	1.06.2010	31.05.2014	4	5	12
Sri Sairam Engineering college	Assistant professor	2.6.2014	30.9.2022	8	3	28
	Associate professor	1.10.2022	Till date	3	5	12
				<b>20</b>	<b>5</b>	<b>4</b>

Workshops/Seminars attended: 3

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 13<sup>th</sup> & 14th 2018.

FDP/STTP Attended: 7

1. One day Faculty Development programme “Documentation of Graphs is using Latex” at C.Abdul Hakeem college of Engineering and Technology on 13.5.2020.
2. Five days Faculty Development programme “Introduction to data science” Cuntur Engineering College on 18.5.20-22.5.20.
3. One day Faculty Development programme “Fuzzy sets and system” Patrician college of arts and science on 16.5.2020.
4. Faculty development Programme “Descriptive Statistics with R Software” funded by the Ministry of HRD, Government of India during the period Feb-Apr-20.
5. NPTEL Faculty development programme “Accreditation and Outcome Based Learning” on (Aug-Oct 2023) (8 weeks).
6. NPTEL Faculty development programme “Teaching And Learning in Engineering (TALE)” on (Jan -Feb 2024) (4 weeks).
7. NPTEL Faculty development programme “Technical Communication for Engineers” on (Jul-Aug 2024)(4 weeks).

Symposium Attended:Nil

Conference Attended: 9

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. Presented my Research Paper “**dr. Power Domination of some graphs**” in the National Conference on Emerging Trends in Mathematics on 12<sup>th</sup> and 13<sup>th</sup> December 2017 at Ethiraj College for women.
8. 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.
9. Presented my Research paper **Power Domination of Middle graph of path, cycle and star** in 2017 at SRM, Vadapalani campus on Feb., 2017.

Completed / Ongoing Projects: Nil

Patent: 3

Journal Publications: 8

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 the 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 :<https://doi.org/10.1063/5.0110131> (SCOPUS).
7. Published my research paper Power Edge set number of certain cycle derived Graphs in 21st International Conference on Computational Science and Technology (ICCST) | 978-1-6654-7655-3/22/\$31.00©2022IEEE| (SCOPUS).
8. Published my research paper Graph theory and computational Approaches in Ecosystem Interaction Networks in Asian Journal of pure and applied Mathematics Volume 8, 67-78.

Books / Book Chapters: 1

1. “Discrete Structures” book with ISBN 978936468509-2 published through S.Chand And Company Limited 2025.

Awards: Nil

Startup: Nil

Webinar:4

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 & Entrepreneurship” ICT academy on 13th May.

Resource Person: Nil

Online Courses:16

1. Got an Elite Silver 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. Got an Elite Silver certificate in NPTEL Online Certification course on "Accreditation of Outcome based learning" funded by the Ministry of HRD, Government of India during the period.
12. Got an Elite Silver certificate in NPTEL Online Certification course on "Teaching And Learning in " funded by the Ministry of HRD, Government of India during the period.
13. Got an Elite Silver certificate in NPTEL Online Certification course on "Technical Communication for Engineers" funded by the Ministry of HRD, Government of India during the period.
14. Got an Elite Gold certificate in NPTEL Online Certification course on "Effective Engineering Teaching in Practice" funded by the Ministry of HRD, Government of India during the period.
15. Got an Elite certificate in NPTEL Online Certification course on "Leadership and Team Effectiveness" funded by the Ministry of HRD, Government of India.
16. Got an Elite Gold certificate in NPTEL Online Certification course on "Education for Sustainable Development" funded by the Ministry of HRD, Government of India.
17. Got a certificate in NPTEL Online Certification course on "Ethics in Engineering Practice" funded by the Ministry of HRD, Government of India.
18. Got an Elite Silver certificate in NPTEL Online Certification course on "Python for Data science" funded by the Ministry of HRD, Government of India.
19. Got an Elite certificate in NPTEL Online Certification course on "Introduction to Machine Learning" funded by the Ministry of HRD, Government of India.

