

Name : Dr.A.NEERAJAH

Designation : Assistant Professor

Department : Department of Mathematics(PG)

Qualification : Ph.D.,P.G.D.C.A.,M.Phil.,M.Sc.,B.Sc.

Experience : Teaching -15 Years

Research : 10 Years

Area of Specialization(s) : Graph Theory

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AcademicQualifications

Degree	Branch	Institution/UniversityName	Year of Graduation
Ph.D.	MATHEMATICS	Bharathiar University, Coimbatore-46	Jul 2025
M.Phil.	MATHEMATICS	Bharathiar University, Coimbatore-46	Jan 2007
M. Sc.	MATHEMATICS	Seethalakshmi Ramaswami College, Trichy-2	April 2004
B.Sc.	MATHEMATICS	Seethalakshmi Ramaswami College, Trichy-2	April 2002

AdditionalQualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/AgencyName	Year
PGDCA	Computer Application	Bharathiar University, Coimbatore-46	Dec 2006

Research Publications (Indexed)

1. A.Neerajah,Dr.P.Subramanian , “3-Total Sum Cordial Labeling of Some Special Graphs”, *International Journal of Advanced Science and Technology* , Vol. 29, No.4, (2020), pp.434-447 **(Scopus)**

2. A.Neerajah,M.Monica,“Root Quad Mean Labeling for Some Special Graphs”,
Advances in Mathematics: Scientific Journal, Volume 9, Year 2020, Pages 659-665(**Scopus**)
3. A.Neerajah,Dr.P.Subramanian, “A Study on Zero-M Cordial Labeling”, Advances in Mathematics: Scientific Journal, 2020, 9(11), pp. 9207–9218(**Scopus**)
4. A.Neerajah,Dr.P.Subramanian, “ Centered Triangular Graceful Labeling for Some Special Graphs” ,The Seybold Report, Vol- 18 . I O 4, pp. 1148–1155(2023) (**Scopus**)
5. A.Neerajah,Dr.P.Subramanian, “ Power 3 Harmonic Mean Labeling of Graphs” , Journal For Basic Sciences, Volume 23, Issue 6, 2023, PAGE NO: 322-327
6. A. Neerajah, Dr.P. Subramanian, “Square Sum Difference Product Prime Labeling for Some Graphs”, AIP Conference Proceedings, Volume 2850, Issue 1,17 MAY 2024, Page No: 060003-1 to 060003-11. (**Scopus**)

Other Publications: International/National

7. A.Neerajah , “Gracefulness of complete bipartite on square root mean labeling”
Bulletin of Pure and Applied Mathematics Sciences, Vol 1 (1) 39-43,2016.
8. A.Neerajah,Dr.P.Subramanian,“ Graceful Labeling for different path and complete Bi-partite using Padavon sequence”, Asia Mathematika, Volume 1 Issue 1 (2017) pages:7-22.
9. A.Neerajah,Dr.P.Subramanian , “Vertex Graceful and Difference Graceful Labeling of Some Special Graphs ” , Asia Mathematika, Volume: 4 Issue: 1 , (2020) Pages: 1 – 7

Conference Proceedings

1. Dr.P. Subramanian ,A.Neerajah “Centered Triangular Graceful Labeling for Some Special Graphs” Proceedings of International Virtual Conference on Reconceptualizing in Mathematical Sciences and English Language/Literature 28th& 29th August 2020,Organized by Department of Science and Humanities, Hindusthan College of Engineering and Technology
2. A.Neerajah,M.Booshana“ Oblong Labeling of Some Special Graphs”International Conference Proceeding on Pure and Applied Mathematics (ICPAM -2024), 1&2 February, 2024, Organized by RVS College of Arts and Science, ISBN – 978-93-6143-220-0.
3. A.Neerajah, S.B.Dharshini “ Square Root of Cube Sum Difference Product Prime Labeling ”International Conference Proceeding on Pure and Applied Mathematics

(ICPAM -2024), 1&2 February, 2024, Organized by RVS College of Arts and Science, ISBN – 978-93-6143-220-0.

4. A.Neerajah, S.Anushiya “Hexatopic Sum Labeling For Some Special Graphs” *International Conference Proceeding on Pure and Applied Mathematics (ICPAM - 2024), 1&2 February, 2024, Organized by RVS College of Arts and Science, ISBN – 978-93-6143-220-0.*
5. A.Neerajah, B Elakkiya “Pascal’s Diagonal Labeling For Some Special Graphs” *International Conference Proceeding on Pure and Applied Mathematics (ICPAM - 2024), 1&2 February, 2024, Organized by RVS College of Arts and Science, ISBN – 978-93-6143-220-0.*

Book Published

A.Neerajah , Published a book for “Graph theory “published by Maruthi Printers Coimbatore, 2009.

Acted as a Resource Person

I have given Guest Lecture on the topic “ **RECENT TRENDS IN GRAPH THEORY**” at V.L.B Janakiammal College of Arts And Science on 29.01.2016

Certificate Course

1. Completed the Certificate Course on “Ethics in the Teaching Profession” as National Initiative on Capacity Building of Faculty under Malaviya Mission Teacher Training Programme (MMTTP) conducted by the Department of Humanities and Social Sciences, IIT Madras from March 21, 2025 to March 25, 2025.

Reviewer in journal

1. Asian Research Journal of Mathematics

Paper Presentations in Conference

1. Present a paper title “Centered Triangular Graceful Labeling for Some Special Graphs” in International Virtual Conference on Reconceptualizing in Mathematical Sciences and English Language/Literature 28th& 29th August 2020, Organized by Department of Science and Humanities, Hindusthan College of Engineering and Technology.

2. *Present a paper International conference on “Graph Theory and its Applications” organized by Amrita vishwa Vidyapeetham,Coimbatore from 5th to 7th January,2019.*

Participation in Conference

International

1. *Participated in ” Two Days International Conference Proceeding on Pure and Applied Mathematics (ICPAM -2024), Organized by Department of Mathematics, RVS College of Arts and Science, Coimbatore from 1&2 February, 2024*
2. *Participated in the International Conference on “Recent Trends in Graph Theory (ICRTGT-2020)” organized by Department of Mathematics, Karnatak University, Dharwad, India during July 27-29, 2020.*
3. *Participated National conference on “Bridging Innovative Trends in Pure and Applied Mathematics” organized by Bannari Amman Institute, Sathamangalam from 15th to 16th July,2016.*

National

1. *Participated in National Level Conference on "RECENT TRENDS IN PURE AND APPLIED MATHEMATICS' during 30.1.2025 to 31.01.2025, Krishtu Jayanti College, Bengaluru*
2. *Participated National conference on “Enhancing information Technology with Mathematics” organized by D.J.Academy for Managerial Excellence Coimbatore from 29th to 30th June,2007.*

Participation in Workshop – more than 30

1. *Participated in “ 5- Day National Workshop on Applied Mathematics and Computing” organized by the Department of Engineering Mathematics and Computing,Madhav Institute of Technology and Science Gwalior,Madhya Pradesh from June 12th -16th ,2023.*
2. *Participated in Five days online workshop on “Mathematical Sciences for CSIR-NET/SET/GATE” organized by Sree Narayana Guru College,Coimbatore from May 11-15,2020.*
3. *Attended One day National workshop on “ MATLAB ” Organised by Karpagam University on 3rd September June,2016.*

4. *Attended One day workshop on “ L^AT_EX Mathematical Software ” Organised by Dr.N.G.P Arts and Science,Coimbatore on 01th August,2007.*
5. *Attended One day workshop on “ Motivation ,Counseling and Commitment in teaching Profession ” Organised by Dr.N.G.P College of Education,Coimbatore on 10th June,2006.*

Participation in Faculty Development Programme

1. *Participated in Six days Faculty Development Program on “Recent Trends in Mathematics”, organized by Department of Mathematics, Prathyusha Engineering College Thiruvallur, from 21-04-2025 to 26-04-2025.*
2. *Participated in Seven days International Faculty Development Program on “Emerging Research Directions and Opportunities in Mathematics and Statistics”, organized by Department of Mathematics and Statistics,Faculty of Science and Humanities, SRM Institute of Science and Technology,Kattankulathur-603203 , from 20-01-2025 to 27-01-2025.*
3. *Participated in the Five day Virtual International Faculty Development Program on “Exploration of Mathematics in Emerging Fields” organized by Department of Mathematics, PPG College of Arts and Science, Coimbatore held during 21 February - 25 February, 2024*
4. *Participated in the One Week International Faculty Development Programme on "Mathematics in Real, Applied and Computational Domains" organized by the Department of Mathematics, School of Science and Humanities, Sathyabama Institute of Science and Technology, Chennai, from 3 to 8 July, 2023.*
5. *Participated in Two days Faculty Development Program on “The Current Scenario in Applied Mathematics”, organized by Department of Science and Humanities of Hindustan College of Engineering and Technology, Coimbatore , from 23-04-2021 to 24-04-2021.*
6. *Participated in the Five day Faculty Development Program on “Emerging Trends in Graph Theory” organized by Department of Science and Humanities,Dr.N.G.P Institute of Technology, Coimbatore 27-07-2020 to 31-07-2020.*
7. *Participated in Faculty Development Program on “Documentation of Graph using Latex”, organized by Department of Science and Humanities,Nizwa College of Technology,Nizwa,Oman on 13th May 2020.*

8. *Attended three days Programme on “ Finishing School ” Organised by Bharathiar University Coimbatore at Coimbatore institute of management and Technology from 14th to 16th May,2008.*

Participation in Webinar

1. *Participated in the Awareness Programme on “Opportunities in Reviving and Promoting Indian Knowledge System” on 16.02.2024, organized by the Internal Quality Assurance Cell of PSGR Krishnammal College for Women, Coimbatore.*
2. *participated in ”A Live Webinar on Applied Mathematics” on 15.07.2020 organized by Department of Mathematics, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli - 620 024*

Conference/Seminar/Workshop Organized - 1

1. *Organized Five Day International Virtual Faculty Development Program on “Mathematics and its Application” organized by Department of Mathematics(PG), PSGR Krishnammal College for Women, Coimbatore from 11.03.2024 to 15.03.2024.*

Membership in Professional Bodies

Name of the Professional Body	Nature of membership
Member in Ramanujan Mathematical Society	Life time

Contribution

- *PG Project Guidance and merely 16 students Presented papers in the National and International Conferences.**
- *Organizing Committee member for Conference in the year 2018.**
- *Organizing Committee member for Workshop in the year 2023.**
- *Organizing Committee member for FDP in the year 2019, 2023.**