



Name : Dr. S. Lakshmi

Designation : Assistant professor

Department : Mathematics

Qualification : M. Sc., M.Phil., MBA., Ph.D

Experience : Teaching -21 Years

Research : 18 Years

Area of Specialization(s) : Graph Theory

Email(OfficialID) : slakshmi@psgrkcw.ac.in

Academic Qualifications

Degree	Branch	Institution/University Name	Year of Graduation
Ph.D.	Mathematics	Alagappa University	2026
M.Phil.	Mathematics	Annamalai University	2006
M. Sc.	Mathematics	Bharathidasan University	1995
B.Sc.	Mathematics	Madurai kamaraj University	1993

Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University /Agencies Name	Year
Certification	Coursera Concepts of Data science	PSGR Krishnammal college for women	2023
Certification	PGDCA	Bharathiar University	2011
Certification	DCA	NIT Computers	1998

Certification	Coursera-Mathematics for Engineers	PSGR Krishnammal for women	2025
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Research Guidance

Programme	No.of Scholars	
	Completed	Pursuing
M.Phil.	12	Nil

Research Publications (Indexed)

International Publications

1. A study on Conversion of Transshipment Model Into Regular transportation model In Operations Research - Vol-15 -Issue-2 -Feb 2024
2. A study on Neural Networks Multi constraint Problems --International Research journal-ISSN 2250-1959
3. A study on Air Craft Routing Problems Multi Dimensional Aspects - ISSN 2348-9367
- 4 A study On Logistic Regression-IJRMST - Peer Reviewed journal December 2024
- 5 A study on Multi craft Airway routing problems - Journal of Propellent Technology -Scopus Publication December 2023
6. Research methods in data collection using special focus -International journal Of Management science and technology VOL 16 ISSUE 6 ISSN 2348-9367
7. Revised methods of data collection in Research Analysis - Journal of Advanced Research and Innovation - VOL I Special ISSUE I March 2023

Book Chapter Published International

1. IGI Global Publishers - Strategic Integration Of mathematics in Engineering Education using AI Tools-Scopus publication 2024

Short Term Course

1. Enhancing Research Impact tools and techniques STTP for One Week - KR Mangalam University, Haryana February 3rd to February 10th ,2025
2. Innovative AI Tools for research Excellence- Guru Gobind singh college of Engineering And Research Centre, Nasik , Maharastra- STTP for One week-August 26 -31 , 2024
3. Science Acedemics Refresher Course - Theoretical and Computational Fluid dynamics from 7 August -8 September 2012

Acted as a Resource Person

1. Academic Lecture Audit Member, Rathinam Institutions, Coimbatore
2. Chairperson for presentations, International conference, RVS Institutions ,Sulur, Coimbatore
3. External Project Viva Voce for Krishna Institutions. Coimbatore
4. Invited as a Chief Guest and Judge for Children Competitions, Nagarathar Association, Coimbatore
5. Question Paper setter for various colleges around Coimbatore

Paper Presentations in Conferences

International

1. **International Conference on Advancements in Engineering, Science and Management August 2024**
2. **International conference on Recent Trends in Multi Disciplinary Research And Innovation Septemper 2024**
3. **International Conference on Applied Mathematics and Computing - Bharathiar University February 2025**
4. **International conference on Advances and Machine learning - PSGR Krishnammal college for women January 2023**
5. **National conference on Recent trends in Mathematics-Teja Sakthi College of Engineering , Coimbatore September 2010**
6. **Research methods in data collection using special focus -International journal Of Management Adithya Arts and Science college, Coimbatore March 2025**

Presentations in Seminars/Conferences

1. **Presentations in Statistics - Multivariate Analysis- Recent Trends in Applied Mathematics**
2. **A study on Logistic Regression-AVP college - Thiruchengodu**
3. **A study on Aircraft routing Problems with Multi Dimensions**
4. **A study on Decision Analysis and Utility concepts- Bharathiar University, Coimbatore**
5. **Concepts of Image processing and Applications - National conference- Nirmala college for women**

Participation in Conference

1. **International conference on Recent Advancements in Engineering mathematics -Radhakrishna Institute of Technology and Engineering , Bhubaneswar, Odisha-2023**
2. **International conference on Recent Trends in Multi Disciplinary Research And Innovation-2024**
3. **International Conference on Applied Mathematics and Computing - Bharathiar University-2025**
4. **International conference on Advances and Machine learning - PSGR Krishnammal college for women January 2023**

Participation in Faculty Development Programme

1. Educational Leadership Integrating AI, EI and Research Excellence-2022
2. Generative AI: A comprehensive Approach to research writing, Proposal development and Funding 2023
3. Proposal Writing with AI Support -2023
4. AI Driven Proposal Evaluation -2024
5. Innovative trends in Artificial Intelligence for Teaching And Research-2024
6. Educational leadership- Planning, Execution -2021
7. National Level Educational Policy 2020 - Challenges opportunities in Higher Education 2021
8. Faculty development Programme - Kongunadu Arts and Science College, Coimbatore 2012
9. Staff Enhancement Skill training Programme - WIPRO Technologies 2011
10. Attended Workshop on LATEX training- PSGR Krishnammal college for women March 2012
11. Participated in Science Academics Lecture Workshop on Differential Equations and Applications- PSGR Krishnammal college for women - December 2011
12. Faculty development Programme By IQAC - PSGR Krishnammal college for Women 2013

Conference/Seminar/Workshop Organized

1. Mathematics Association Incharge for 5 years -PSGR Krishnammal college for women -coimbatore
Various programmes arranged during the time period

Grants

1. Entrepreneurship cell – Artificial Flower making project 3.5 lakhs - year 2013

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Indian Science Congress	Annual	11 years

Awards/Honors

Awards/Honors	Agency/Institute	Year of Award
Best Paper Award	Paramahams Research Gateway	2024
Women Achiever Award	Chennai Lions club	2023
Honorary Doctorate Award	Peace University (International)	2024
Best Outgoing student Award	Bharathidasan University	1995
Best Professor Award	Silampoli Foundation	2026

Contribution

- Coordinator for NAAN MUDHALAN SCHEME , PSGR Krishnammal College for women (Bharathiar University) from 2023, Coimbatore
- Study Abroad coordinator - PSGR Krishnammal college for women Coimbatore
- Member for BOS - PSGR Krishnammal college for women Coimbatore
- Department Association In-charge - PSGR Krishnammal college for women, Coimbatore

Contact Details

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