

Name : S.Deepa
Designation : Assistant Professor
Department : Mathematics UG-SF
Qualification : MSc,Mphil,(Ph.D)
Experience : Teaching -15 Years
Research : 5 Years
Area of Specialization(s) : Bio Statistics
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Academic Qualifications

Degree	Branch	Institution/University Name	Year of Graduation
(Ph.D)	Statistics	Bharathiar University	Pursuing
M.Phil.	Statistics	Periyar University	2010
M. Sc.	Statistics	PSG College of Arts and Science	2006
B.Sc.	Mathematics	PSG College of Arts and Science	2004

Additional Qualifications

Diploma/ Vocational/ Certification	Area of Specialization	Institution/University/Agency Name	Year
Certification	NPTEL	Introduction to R Software	2019
Certification	Computer Educational Organization	PGDCA	2019
Certification	Coursera	What is Data Science? by IBM Skills Network	2022
Certification	Coursera	IBM Data Topology by IBM	2022
Certification	Coursera	Introduction to Statistics in Python by Coursera Project Network	2023
Certification	Coursera	Statistics For Data Science by Coursera Project Network	2023
Certification	Coursera	Cryptography by University of Maryland	2023

Certification	Coursera	AI For Everyone by DeepLearning.AI	2025
Certification	Coursera	Business Analytics using Excel by Simplilearn	2025

Research Publications (Indexed)

“On Estimating the Time from HIV Infection to AIDS - A Stochastic Modeling Approach”, Indian Journal of Science and Technology, Year: 2025, Volume: 18, Issue: 15, Pages: 1170-1176. (WEB OF SCIENCE)

Short Term Course

TRAINING FOR TRINERS AND ASSESSORS by MARITIME FOUNDATION

Paper Presentations in Conference

International

- Presented the Paper titles “On estimating the time From HIV infection to AIDS- A Stochastic Approach” in a Two-Day International Conference on “Modern Statistics for Recent Developments Data Science Techniques”, Sri Venkateswara University, Tirupati 16-17 Feb 2024.
- Presented the Paper titled “The Impact of Quasi-species of HIV on the Estimation Time to Get AIDS”, in an International Conference on “Statistical Theory and Application for Trends”, St Joseph’s University, Bangalore 18th and 19th July 2025.

National

- Presented the paper titled “From HIV infection to AIDS- a Stochastic Approach”, - Mathematical - Computational Sciences in the DST-PURSE Satellite Symposium Bharathiar University 13-15 th September 2022

Participation in Conference

- Participated in the International Conference on Recent Trends in Theoretical and Computational Mathematics - Conference - PSGR Krishnammal College for women, 24/02/2022 - 25/02/2022.
- Participated in the National Conference on Recent advances in nonlinear functional analysis and its applications, Andhra university, Visakhapatnam, 29/01/2022 - 30/01/2022.

Participation in Seminars

- Online seminar titled “SIR and its Extension for Modelling Epidemic Diseases” - Seminar – Kerala 11th July 2020
- “Linear Regression Model in Machine Learning” - Seminar – Coimbatore 14th July 2020

- “Mathematical Modeling in Biology” - Seminar - Sriperumbudur Tk 23rd July 2020
- “Biostatistics in Clinical Trials” - Seminar - Coimbatore 03rd August 2020
- “Statistical Modeling for High Dimensional Data” - Seminar – Chennai 6th July 2020
- “Scholastic Backwardness in Children - Tips for Early Identification” 13th October 2020
- Human Resource Planning - A Stochastic Approach - Seminar – Coimbatore 25th may 2020
- APPLICATIONS OF MATHEMATICS - Seminar – Coimbatore 6th to 11th July 2020

Participation in Workshop

- International Workshop on “Introduction to Mathematical Ecology”, SRMIST, 4th Feb 2022.
- International Workshop on “Academic Writing – Ethical issues”, Global Institute of Statistical Solutions, 3rd to 5th Sep 2022.
- 3rd National Workshop on “Recent Trends in Mathematics”, St.Peter’s Institute of Higher Education & Research, 13th Apr 2023.
- Three Days International Virtual Workshop on “Applied Mathematics”, SRMIST, 6th to 8th February 2023.
- One day national workshop on Graph Theory , SAAMA, West Bengal , 22nd September 2024.
- Workshop titled “LaTeX for Academic Writing”, Dr. M.G.R. Educational and Research Institute, 3rd & 4th Jun 2025.

Participation in Faculty Development Programme

- One week online FDP on “Effective and Instructive Research” Sona College of Technology , 4th to 10th May 2020.
- Online FDP – Hands on Training on Google Classroom , PSGR Krishnammal College for women, 1st to 6th July 2020.
- Online Faculty Development Programme on “A First Look at Mathematical Software” Dr.N.G.P.INSTITUTE OF TECHNOLOGY, 15th to 19th July 2020.
- Design Thinking, FDP, PSGR Krishnammal College for Women , March 25th to April 29th 2022.
- Two Week Online International Faculty Development Programme on "Current Trends in Applications of Mathematics" , Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, 21-09-2022 to 04-10-2022.
- Seven Days National online FDP on "Research Methodology, Analysis, Tools & Techniques" Theivanai Ammal College for Women (Autonomous), Villupuram , 28.12.2022-03.01.2023.
- “Five Days Faculty Development Programme” on “Exploring Real-world Applications in Mathematics”, Sciences, Vels Institute of Science, Technology and Advanced Studies (VISTAS), 22nd to 26th April 2024.
- Faculty Development Programme on “Essentials of Data Science” Vellore Institute of Technology, 15th to 19th May 2023.
- One Week National Level Faculty Development Program on "Writing Research Articles using LaTeX - Overleaf" Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Enathur, 9th to 13th September 2024.
- International FDP “Frontiers of Mathematics”, SRMIST, 5th Jul to 19th Jul 2023.
- International FDP “Current Trends in Applications of Mathematics”, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, 21st Sep to 4th Oct 2022.
- National FDP on “Research Methodology: Analysis, Tools & Techniques”, Theivanai Ammal College for Women, 28th Dec 2022 to 3rd Jan 2023.
- FDP on “Open Source Software Tools for Research”, Vellore Institute Technology, 13th to 17th Mar 2023.
- FDP on “Essential of Data Science”, Vellore Institute of Technology, 15th to 19th May 2023.
- Faculty Enhancement Programme, PSGR Krishnammal College for Women, 5th to 10th Jun 2023.
- International FDP on “Recent Trends in Graph Theory and Mathematical Modelling & its Applications, Mohamed Sathak A. J. College of Engineering, 12th to 16th Jun 2023.
- International Virtual FDP on “Mathematics and its Application”, PSGR Krishnammal College for Women, 11th to 15th Mar 2024.

- FDP on “Exploring Real – world Applications in Mathematics”, Vels Institute of Science, Technology and Advanced Studies, 22nd to 26th Apr 2024.
- FDP on “Mathematical and Computational Aspects of Industry 4.0”, Haldia Institute of Technology, 3rd to 7th Jun 2024.

Participation in Webinar

- Virtual Awareness Programme on "Scholastic Backwardness in Children - Tips for Early Identification" Brio Bliss Life Science Pvt Ltd, 13th October 2020.
- Talk on “Ramsey Theory: An Introduction Through Number Theoretic Problems”, IIT Bombay, 13th Nov 2021.
- International webinar series- Advances in Applied Mathematical sciences, Newman College , Kerala, 20th to 24th September 2021.
- Talk on “Number theory & its Applications”, SRMIST, 22nd & 23rd Dec 2021.
- Talk on “Application of Probability & Statistics in Defence”, SRMIST, 29th Jun 2022.
- Talk on “Ways to Handle Life’s Stressors”, SRMIST, 13th Aug 2022.
- “Rights of a Girl Child in India: Government Schemes” , SRM Institute of Science and Technology, 24th Jan 2023.
- National level Webinar on “World of PI”, S. S. C. College of Arts & Commerce, 14th Mar 2023.
- International Webinar on “Introduction to Normal Linear Spaces”, SRMIST, 3rd Apr 2023.
- Expert Talk on “Maxims of Teaching”, SRMIST, 4th Sep 2023.
- Series of lectures,” Infinite Insights: Unveiling Mathematical Marvels”, SRMIST, 18th to 21st Dec 2023.
- International Guest Lecture on “What is Gaussianity in Non commutative Probability? and, Why do we Care? SRM Institute of Science and Technology, 29th November 2024.
- Three Days online Excel webinar, Institute to Improvement, 8th to 10th March 2024.
- Talk on “Reaching the Success and Coping with the Failure”, SRMIST, 16th Aug 2024.
- Series of Lectures “Infinite Insights: Unveiling Mathematical Marvels”, SRMIST, 18th to 21st Dec 2024.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
Board of studies	Member	2019

Contribution

- Ganita Association - 2023
- Admission Incharge – 2022

Contact Details

IRINS Link :<https://psgrkcw.irins.org/profile/171647>