

Name: Ms. KAVITHA J	Photo 			
Designation:	Assistant Professor			
Qualification:	M.Sc.,M. Phil.,B.Ed., PGDCA.,(Ph.D).,SET Qualified			
Area of specialization:	Queueing Theory			
Experience:	Industrial Experience		Teaching Experience	
	Nil		15 yrs 9 months	
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs	
	4		13	
Publications:	Conference		Journal	
	National	International	National	International
	Nil	Nil	1	Nil
Books / Book Chapters	Nil			
Patents:	National		International	
	2		Nil	
Professional Body Membership	IEEE, ISTE.			
Staff Achievements	100% Result in many subjects.			

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
UG	B.Sc	Mathematics	2001	Khadir Mohideen College.	Bharathi dasan University	76.09 %	I with Distinction
PG	M. Sc	Mathematics	2003	A.D.M. College for Women	Bharathi dasan University	80.33 %	I with Distinction
	M. Phil	Graph Theory	2006	CDE, Bharathi -dasan University	Bharathi dasan University	79%	I with Distinction
	PhD	Queueing Theory	Pursuing	Rajalakshmi Institute of Technology	Anna University	-	-

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Venkateshwara College of Arts and Science.	Lecturer	19..07.04	31.12.05	1	5	9
Sudharsan Engineering College.	Lecturer	04.01.06	31.08.06	-	8	-
Saranathan College of Engineering.	Lecturer	01.09.06	31.12.08	2	4	-
Anand Institute of Technology.	Assistant Professor	01.07.13	21.05.14	-	10	21
Sri Sairam Engineering College	Assistant Professor	04.06.14	Till Date	10	5	26
Total				15	9	26

Workshops/Seminars attended: 4

1. Attended seminar on “Research Trends in Applied Mathematics” conducted by VIT University, Chennai on 07.01.2020.
2. Attended workshop on “Basics of MATLAB, LATEX & SAGEMATH” conducted by Khadir Mohideen College, Adirampattinam, Thanjavur from 05.06.2020 to 07.06.2020.
3. Attended workshop on “Queueing with retention of impatient customers” conducted by HINDUSTAN College of Engineering and Technology, Coimbatore on 12.06.2020.

4. Participated in the National virtual “Workshop on Linear Algebra”, organized by the Department of Mathematics, Kongunadu College of Engineering and Technology, Trichy held on 06.08.2024

FDP/STTP Attended: 13

1. Bridge course on Mathematics at Anna University on 26 & 27 of 2015.
2. FDP on “Entrepreneurship career Development Program” on 8th -12th April 2019 at Sri Sairam Institute of Management Studies, Chennai.
3. FDP on “Algebra and Number Theory” conducted by Centre for Faculty Development, Anna university during 10-6-2019 to 15-06-2019 at Sri Sairam Institute of Technology.
4. FDP on “Research Methodology” conducted by Jeppiaar Institute of Technology, Chennai from 01.06.2020 to 02.06.2020
5. FDP on “Mathematics Research Methodology” conducted by Sri Sairam Institute of Technology, Chennai, from 20.07.2020 to 24.07.2020.
6. Participated in ATAL online FDP on Sustainability Engineering conducted by Gaya College of Engineering, Gaya. from 17.08.2020 to 21.08.2020
7. Participated in AICTE FDP on Universal Human Values from 24.08.2020 to 28.08.2020
8. Participated in the FDP titled “Tamils and Technology,” a 6-day program conducted by Anna University from 20.03.2023 to 25.03.2023.
9. NPTEL Faculty Development Programme “Accreditation and Outcome-Based Learning” (Aug-Oct 2023) (8 weeks).
10. NPTEL Faculty development program “Teaching And Learning in Engineering (TALE)” on (Jan - Feb 2024) (8 weeks).
11. NPTEL Faculty Development Programme “Introduction to Queueing Theory” (Feb-April 2024) (12 weeks).
12. NPTEL Faculty Development Programme “Advanced Probability Theory” (Feb-April 2024)(12 weeks).
13. NPTEL Faculty Development Programme “Technical Communication for Engineers” (Jul-Aug 2024)(4 weeks).
14. Participated in the six-day FDP on “Foundations of Probability, Random Processes, and Vector Spaces,” organized by the Department of Humanities and Science (Mathematics) from 15-12-25 to 20-12-25 at Rajalakshmi Institute of Technology, Chennai.

Symposium Attended: -

Conference Attended: 1

1. Presented the paper entitled, ”Time-Dependent analysis of a single server queueing model with multiple

vacations and a threshold policy” at the International conference, conducted by Department of Mathematics, SRM Institute of Science and Technology, Vadapalani, Chennai during February 21-22, 2025.

Completed / Ongoing Projects: Nil

Patent: 2

Journal Publications: 2

1. J Kavitha and K Anitha 2021 “Total and Strong Edge Colorings on Human Chain Network”, J. Phys.: Conf. Ser. 1724 012025.

2. Janani, B., & Kavitha, J. (2025). Analysing M/M/1 queue dynamics with system breakdowns and unreliable repair processes. *International Journal of Mathematical Modelling and Numerical Optimisation*, 15(3), 200-216.

Books / Book Chapters: Nil

Awards: Nil

Startup: Nil

Webinar: 8

1. Attended webinar on “Season 5 of Skycampus on the theme -The future of Skills - Education, Employment & Entrepreneurship” conducted by ICT academy on 13.05.2020.
2. Attended webinar on “Leadership talk with Mr. Mahesh Babu” conducted by MHRD'S Innovation Cell on 23.05.2020.
3. Attended webinar on “Leadership talk with Dr. Nilesh N. Oak” conducted by MHRD's Innovation Cell on 30.05.2020.
4. Attended webinar on “R & D Proposal Writing for Faculties” conducted by Sri Sairam Engineering College on 12.06.2020.
5. Attended webinar on “Introduction to technical writing in LaTeX” conducted by Ethiraj College for Women from 15.06.2020 to 16.06.2020.
6. Attended the national webinar on “Operation Research and Its Applications” organized by the Department of Mathematics, P.G. Center Palamuru University, Telangana, on 29.07.2020.
7. Attended webinar on “Stochastic Models of a Call Center” conducted by Sri Sairam Engineering College on 30.07.2020.
8. Participated in a webinar series on “Math for Artificial Intelligence and Data Science” organized by the Department of Computational Sciences and Humanities, IIIT Kottayam, in August 2024.

Resource Person: Nil

Online Courses: 23

1. Successfully completed the “Introduction to Abstract and Linear Algebra” course on 08.10.2018 by NPTEL-AICTE with Elite.
2. Successfully completed the “Python for Data Science and Machine Learning Bootcamp” course on 11.04.2020 by Udemy.
3. Successfully completed the “AI for everyone” course on 10.05.2020 by Coursera Project Network.
4. Successfully completed the “Spreadsheets for beginners using Google Sheets” course on 22.05.2020 by Coursera Project Network.
5. Successfully completed the “Mathematics for Machine learning-Linear algebra” course on 22.05.2020 by Imperial College, London.
6. Successfully completed the “Data science and Maths skills” course on 16.06.2020 by DUKE university.
7. Successfully completed the “Introduction to Google docs” course on 14.06.2020 by Coursera Project Network.
8. Successfully completed the “Covid-19: What you need to know” course on 14.06.2020 by Osmosis.
9. Successfully completed the “Speak English Professionally: In Person, Online & On the Phone” course on 18.06.2020 by Osmosis.
10. Successfully completed NITTTR Module 6- Student Assessment and Evaluation aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on April-May 2021.
11. Successfully completed NITTTR Module 1-Orientation towards technical education and curriculum aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.
12. Successfully completed NITTTR Module 2- Professional Ethics and Sustainability aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.
13. Successfully completed NITTTR Module 5- Technology Enabled Learning & Life Long Self Learning aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.
14. Successfully completed NITTTR Module 7- Creative Problem solving Innovation and Meaningful R&D aspects of NATIONAL INITIATIVE OF TECHNICAL TEACHERS TRAINING on Sep-October 2022.
15. Online course on Module 3- Communication skills, Modes & Knowledge Dissemination by NITTTR.
16. Online course on Module 8- Institutional Management & Administrative Procedures by NITTTR.
17. Online course on Module 4 - Instructional Planning and Delivery by NITTTR.
18. Accreditation and Outcome Based Learning NPTEL-AICTE Faculty Development programme during Aug-Oct 2023.
19. Teaching And Learning in Engineering (TALE) NPTEL-AICTE Faculty Development programme during Jan- Feb 2024.
20. Introduction to Queueing Theory, NPTEL-AICTE Faculty Development programme during Feb- April 2024.
21. Advanced Probability Theory, NPTEL-AICTE Faculty Development programme during Feb- April 2024.
22. Ethics in Engineering Practice Feb- April 2024 (8 weeks course) consolidated score: 85% (NPTEL Online Certification course funded by the Ministry of HRD, Government of India) Elite+Silver Medal + Top 5%

certificate.

23. Technical Communication for Engineers NPTEL-AICTE Faculty Development programme during Jul-Aug 2024