Name: Mr.S.JEGAN	**Photo**
Designation:	*ASSISTANT PROFESSOR*
Qualification:	*M.Sc., M.Phil., (Ph.D.) SET Qualified*
Area of specialization:	*Vacation Queueing theory*

Experience:	Industrial Experience	Teaching Experience
	Nil	**11 Years 4 Months**

Number of workshops / FDP attended:	Number of Workshops	Number of FDPs
	4	**20**

Publications:	Conference		Journal	
	National	**International**	**National**	**International**
	-	-	-	1

Books / Book Chapters	-	

Patents:	**National**	**International**
	1	-

Professional Body Membership	IEEE Membership
Staff Achievements	● *Produced 100% result for many times*

	● *completed the NPTEL course on Mathematical Methods and its Applications with Elite.* ● *completed the NPTEL course on Linear algebra with Elite+Silver.* ● *completed the NPTEL course on Discrete Mathematics with Elite.* ● *completed the NPTEL course on Introduction to Abstract group theory with Elite+Silver.*

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	2009	Lekshmipuram College of arts&Science	M.S University	77	First class
PG	M.Sc.	Mathematics	2011	Loyola college Chennai	Madras University	76	First class with distinction
	M.Phil.	Mathematics	2012	St.Joseph's College, Trichy	Bharathidasan University	77	First class
Ph.D	Ph.D	Mathematics	-	Rajalakshmi Institute of Technology	Anna University	-	

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
St.Joseph College of Engineering, Sriperumbudur	**Assistant Professor**	05.08.2013	31.05.2016	2	10	-
Sri Sairam Engineering College, Chennai	**Assistant Professor**	16.06.2016	Till date	8	6	0
				11	**4**	**-**

Workshops/Seminars attended:

1. Attended *TEACHER'S ENRICHMENT WORKSHOP FOR TEACHER'S OF ENGINEERING COLLEGES* held on 21st – 26th November 2016 at IMsc Chennai.

2. Participated in "National Seminar on Advances in Mathematical Sciences and Applications in Engineering and Technology", (NSAMSAET 2017) on 16.12.2017 at Valliammai Engineering College.

3. Attended Workshop on teaching techniques with gasification conducted by ICT academy on 11.12.19 to 13.12.19 at Dhaanish Ahmed College of Engineering Chennai.

4. Attended One week virtual international workshop on "New advances in mathematical and computational sciences" by Yogi Vemana University, Kadappa during 13 September to 19 September 2021

FDP/STTP Attended:

1. Staff development programme on Engineering Mathematics-1 by the Department of Mathematics, Anna University, Guindy Chennai.
2. Attended national level Workshop on "Teacher's Enrichment Program for Engineering Colleges", held at IMSC, Taramani, Chennai. (21-26 Nov 2016).
3. Attended One Day National Level Seminar on Fuzzy Set Theory and Matlab, held at Valliammai Engineering College, Chennai. (16th Dec 2017).
4. Successfully completed the Online workshop on the theme "Inculcating universal Human values in Technical Education" during 21-25 September 2020 as Organised by All India Council for Technical Education(AICTE)
5. Participated and completed successfully AICTE Training and learning(ATAL) Academy Online FDP On "Cyber security" from 07.09.2020 to 11.09.2020 at Hyderabad Institute of Technology and Management.
6. Participated in the five day online training FDP on"Statistics using R programming"Organised by the department of Mathematics Kongu Engineering college,Perundurai, Erode from 05.10.2020 to 09.10.2020.
7. Participated and completed successfully AICTE Training and learning(ATAL) Academy Online FDP On "Ethics,Moral,Values, Behavioural science and Attitude" from 12.10.2020 to 16.10.2020 at College of Engineering,Trivandrum.
8. Attended Software tools for mathematical Education, Bannari Amman institute of technology 30th August 2021 to 5th September 2021
9. Attended the Online Five-Day Faculty Development Programme on "Mathematical Foundations for Data Science" conducted by Mathematics Division, Department of Science & Humanities Jerusalem College Of Engineering from 31.10.2022 to 04.11.2022
10. Participated in the 5-Day Online FDP on"Mathematical Modeling in Real-LifeProblems-Series2"organised by the Division of Mathematics, School of AdvancedSciences,Vellore Institute of Technology, Chennai from 31st October To 4th November2022.
11. Attended a Seven Days National online FDP on "Research Methodology: Analysis, Tools & Techniques" Organised by the Internal Quality Assurance Cell & PG and Research Department of Mathematics, Theivanai Ammal College for Women (Autonomous), Villupuram on 28.12.2022-03.01.2023
12. Participated in the 5-Day Online FDP on"Applied statistical methods for Research"organised by the Division of Mathematics, School of Advanced Sciences,Vellore Institute of Technology ,Chennai from 03.04.2023 to 07.04.2023 .

13. Attended in the 5-Day Online FDP on"Advances in Graph theory"organised by the Division of Mathematics, School of Advanced Sciences,Vellore Institute of Technology ,Chennai from 17.04.2023 to 21.04.2023.

14. *Participated in the 5-Day Online FDP on"Recent trends in Graph theory"organised by the Division of Mathematics, School of Advanced Sciences,Vellore Institute of Technology ,Chennai from 08.05.2023 to 12.05.2023.*
15. *Participated in five days Online FDP on"Applicability of Mathematical Sciences in Emerging world "organised by Sathyabama Institute of Science and Technology Chennai from 07.08.2023 to 12.08.2023.*
16. *Participated in five days Online FDP on"Recent advances in applied Mathematics"organised by Sri Manakula Vinayagar Engineering College,Madagadipet,Puducherry from 04.09.2023 to 08.09.2023.*
17. *Participated in Five days Virtual International Faculty Development Program on "Exploration of Mathematics in Emerging Fields" organised by Department of Mathematics, PPG College of Arts and Science, Coimbatore held during 21 February - 25 February, 2024.*
18. *Participated in the Five Days International Virtual Faculty Development Program on "Mathematics and its Application" organised by Department of Mathematics(PG), PSGR Krishnammal College for Women, Coimbatore from 11.03.2024 to 15.03.2024.*
19. *Participated in the Five Days National Virtual Faculty Development Program on "Data driven decision making" organised by Department of Mathematics(PG), St.Joseph's college of arts and science,Coimbatore from 23.09.2024 to 29.09.2024.*

Symposium Attended:Nil

Conference Attended:

1)Presented a Paper Entitled as "Transient analysis of Single server Finite Capacity Markovian Queue

with   Multiple Exponential Working Vacation "Conducted by Department of Mathematics,

Theivanai Ammal College for Women,Villupuram during 09.03.2023 to 10.03.2023.

2)Presented a Paper Entitled as"An M/M/1 Queueing Model with Disasters and an Unreliable Repairer "Conducted by   Department of Mathematics, St.Aloysius College,Thrissur,Kerala during Jan 18-20,2024.

Completed / Ongoing Projects:Nil

Patent:

Application No.202241068168 , Date of filing of Application :26/11/2022, Publication Date: 02/12/2022,Title of the invention : A system and method of determining stability of functional equations in vector space using Fixed Point method.

Journal Publications:

1. **Janani, B., Ambika, K., Jegan, S. (2024).** Implementing self-healing N-policy queueing models and their impact   on IoT design applications. ***Results   in Control and Optimization*, 100492.**
 DOI:https://doi.org/10.1016/j.rico.2024.100492

Books / Book Chapters:Nil

Awards:Got Best Professor award from SILAMBOLI FOUNDATION Pudukottai.

Startup:Nil

Webinar:
1. **Attended ONLINE webinar on "***Basics of Latex" conducted by Voorhees College, Vellore on 13 June 2020.*
2. **Attended ONLINE webinar on "***Virtual learning in visualize Numbers through MS-Power BI" conducted by SRM Institute of science and technology on 14 June 2020.*
3. **Attended ONLINE webinar on "***Leadership talk with Ms.Ashwini Deshpande" conducted by MHRD Innovation cell on 06 June 2020.*
4. **Attended ONLINE webinar on "***What does spectral theorem really says" conducted by Annai Hajira women's college on 13 June 2020.*
5. **Attended ONLINE webinar on "***Webinar on R&D Proposal writing for faculties" conducted by Sri Sairam Engineering College 12 June 2020.*
6. **Attended ONLINE webinar on "Stochastic models of a call centre"** *conducted by Sri Sairam Engineering College 30 July 2020.*
7. *Participating in MINDS'24, a webinar series on "***Math for Artificial Intelligence and Data Science***" organised by the Department of Computational Sciences and Humanities, IIIT Kottayam in August 2024.*

Resource Person:Nil

Online Courses:
1.*Got an Elite with Gold certificate in NPTEL Online Certification course on "Introduction to Abstract and Linear algebra" funded by the ministry of MHRD,Government of India(Aug-Oct 2018) (8 Weeks).*
2.*Got Successfully completed certificate in NPTEL Online Certification course on "Introduction to Rings and Fields" funded by the ministry of MHRD, Government of India(Aug-Oct   2019) (8 Weeks).*
3. *Completed Coursera certificate on "Create a Resume and cover letter with Google doc"by Coursera Project Network on 14 June 2020.*
4.*Completed Coursera certificate on" stochastic processes" by National Research University higher*

school of economics on 13 June 2020.

5.Completed Coursera certificate on "Matrix algebra for engineers" by The Hong Kong University of science and technology on 12 June 2020.

6. Completed Coursera certificate on "Introduction to Google docs" by coursera project net work on 10 June 2020

7. Completed Coursera certificate on "Vector calculus for Engineers" by The Hong Kong university of science and technology on 10 June 2020.

8. Completed Coursera certificate on "Introduction to calculus" by The Hong Kong University of science and technology on 25 may 2020.

9. Completed Coursera certificate on "Introduction to ordinary differential equations" by Korea Advanced Institute of Science and technology on 24 may 2020.

10.Completed Coursera certificate on "Differential equations for engineers" by The Hong Kong University of science and technology on 23 may 2020.

11. Completed Coursera certificate on "Create your first python program" by coursera project network on 15 may 2020.

12. Completed Coursera certificate on "Spreadsheets for beginners are using Google sheets' ' by coursera project network on 13 may 2020.

13.Completed Udemy course on "Python for data Science and Machine learning boot camp" on 14th November 2019.

14.Completed Udemy course on "Worksop in probability and statistics" on 30 march 2020.

15.Completed Online course on Module - I - Orientation towards Technical Education and Curriculum Aspects conducted by NITTTR July 2022.

16.Online course on Module - 2 – Professional ethics and sustainability conducted by NITTTR July 2022.

17.Online course on Module - 3 – Communication Skills,Modes and Knowledge Dissemination conducted by NITTTR February 2023.

18.Online course on Module - 4 – Instructional Planning and delivery Conducted by NITTTR September 2023.

19.Online course on Module - 5 – Technology enabled learning and life long self learning   conducted by NITTTR February 2023.

20.Online course on Module - 6 – Student assessment and Evaluation   conducted by NITTTR February 2023

21.Online Course on Module - 7 – Creative problem solving Innovation and meaningful R&D conducted by NITTTR February 2022.

22.Online Course on Module - 8 – Institutional management and administrative Procedures conducted by NITTTR February 2023.

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