Name: Dr R. Anbu	**Photo**

Designation:	**Assistant Professor**
Qualification:	*M.Sc., B.Ed., Ph.D*
Area of specialization:	*Automata Theory*

Experience:	**Industrial Experience**	**Teaching Experience**
		3 Years- 2 Months

Number of workshops / FDP attended:	**Number of Workshops**	**Number of FDPs**
	1	**2**

Publications:	**Conference**		**Journal**	
	National	**International**	**National**	**International**
	2	**4**	**1**	**7**

Books / Book Chapters	

Patents:	**National**	**International**

Professional Body Membership	
Staff Achievements	

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	2011	Srinivasan College of Arts and Science, Perambalur.	Bharathidasan University – Tiruchirappalli	66.16%	First Class
PG	M.Sc.,	Mathematics	2015	Srinivasan College of Arts and Science, Perambalur.	Bharathidasan University – Tiruchirappalli	65.65%	First Class
	B.Ed	Mathematics	2012	Dhanalakshmi Srinivasan College of Education, Perambalur.	Tamilnadu Teacher Education University	75%	First Class
	Ph.D	Mathematics	2021	Annamalai University	Annamalai University	-	

Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Bharath Institute of Higher Education and Research-Chennai	Assistant Professor	21.09.2021	30.08.2024	2	11	9
Sri Sai Ram Engineering College, Chennai-44	Assistant Professor	02.09.2024	Still Now	-	3	15
				3	**2**	**27**

Workshops/Seminars attended: Workshops (1) and Seminars (2)

1. Participated in Two day National level workshop on Introduction to MATLAB for Scientific Computing and Engineering (IMSCE-2018) conducted by Department of Electronics and Instrumentation Engineering, Annamalai University.

2. Participated in One day State Level Seminar on NET/SET Preparation (2018) conducted by Department of Mathematics, G.T.N Arts College (Autonomous), Dindigul.

3. Participated in One day International Seminar on Emerging Trends in Computing Technologies (ISETCT - 2018) conducted by E.S Arts and Science College, Villupuram.

FDP/STTP Attended: 2

1. Attended the Five Days National Virtual Faculty Development Program On **" Data Driven Decision Making: Applied Linear Algebra, Integrating Statistical Methods and Data Science in Reearch**" Organized by the Department of Mathematics in Association with **IQAC** & IIC, St. Joseph's College(Arts & Science) from 23.09.2024 to 27.09.2024.
2. Attended the Five Days Virtual Faculty Development Program On " **Recent Frontiers in Pure & Applied Mathematics**" Organized by the Department of Mathematics , Kongunadu Arts and Science College (Autonomous) Under DBT Star College Scheme Between 11.11.2024 to 15.11.2024 through MS Teams.

Symposium Attended: NIL

Conference Attended: 6

1. Participated and presented a paper in International Conference on Recent Advancement in Pure and Applied Mathematics(ICRAPAM-2019)Organized by Ramanujan Research Centre, PG & Research Department of Mathematics, Government Arts College(Autonomous), Kumbakonam.
2. Participated and presented a paper in 2nd International Conference on Mathematical Modeling and Computational Methods in Science and Engineering (ICMMCMSE-2020) conducted by School of Mathematics, Alagappa University, Karaikudi.
3. Participated and presented a paper in national Conference on Recent Trends in Science & Technology(NCRTST-2022) conducted by Department of Mathematics, Physics & Computer Science in St. Theresa's Arts and Science College for Women, Tharangambadi.
4. Participated and presented a paper in Two days(13.02.2024 & 14.02.2024) International Conference on New Ideas in Technology and Organized by the Institution's Innovation Council and Internal Quality Assurance Cell, Cauvery College for Women(Autonomous) Trichy.
5. Participated and presented a paper in Two days(16.04.2024 & 17.04.2024) 5th national Conference on Recent Trends in Mathematics & Its Application(NCRTMA' 24) Organized by Department of Mathematics & The Matrix Club by SRM Institute of Science and Technology Vadapalani Campus, Chennai-26.
6. Participated and presented a paper in Two days(13.12.2024 & 14.12.2024) 1st International Conference on Applied Mathematical Sciences for Emerging Technologies-2024. Organized by Department of Mathematics by Dhanalakshmi Srinivasan University, Perambalur-621212, Tamilnadu, India.

Completed / Ongoing Projects: NIL

Patent: NIL

Journal Publications: 8
1. M. Rajasekar and **R. Anbu**, "*Periodic boundary condition for Von Neumann CA with radius 2*", AIP Conference Proceeding, Vol . 2177(1), Dec 2019, pp. 1-10. *ISSN: 0094-243X* **(Scopus)**
2. M. Rajasekar and **R. Anbu**, "*Periodic boundary condition for Von Neumann CA with Radius -N*", International Journal of Scientific & Technology Research, Vol . 8(11), Nov 2019, pp. 2413-2416. *ISSN: 2277-8616* **(Scopus)**
3. M. Rajasekar and **R. Anbu**, "*Structure and Application of HCA in Image Analysis*", Annals of Communication in Mathematics, Vol. 3(4), Dec 2020, pp. 293-302. *ISSN: 2582-0818*

4. M. Rajasekar and **R. Anbu**, "*Characterization of Uniform and Hybrid Cellular Automata with Reflecting Boundary*", Journal of Physics: Conference Series, Vol. 1850, July 2021, pp. 1-12. *ISSN: 1742-6596* ***(Scopus)***

5. M. Rajasekar, Lekha Susan Jacob, Ullas Thomas and **R. Anbu, "** Characterization of Uniform and Hybrid Fuzzy Cellular Automata with Null Boundary", Indian Journal of Natural Sciences, Vol. 12(71), Feb 2022, pp. 39421- 39427**.** *ISSN: 0976-0997* ***(Web of Sci)***

6. M. Rajasekar, Lekha Susan Jacob and **R. Anbu, "**2D Hexagonal Finite Fuzzy Cellular Automata", Communications in Mathematics and Applications, Vol. 13(1), May 2022, pp.171-181. *ISSN: 0976-5905* ***(Web of Sci)***

7. M. Rajasekar and **R. Anbu**, "*Characterization of Uniform and Hybrid Cellular Automata with Null Boundary*", Turkish World Mathematical Society Journal of Applied and Engineering Mathematics, Vol. 12(2), Jun 2022, pp. 608-618. e*ISSN:2587-1013* ***(Scopus & Web of Sci)***

8. M. Rajasekar, Lekha Susan Jacob, Ullas Thomas, **R. Anbu,** *"Characterization of 2𝔻 fuzzy cellular automata with Moore-Von Neumann neighborhood",* AIP Conference Proceeding, Vol. 2852(1), Aug 2023, pp. 1-10. ISSN: 0094-243X **(Scopus)**

Books / Book Chapters: NIL

Awards: NIL

Startup: NIL

Webinar: NIL

Resource Person: NIL

Online Courses: NIL