


FACULTY PROFILE

Name of Teaching Staff / RMK ID	 Dr. SENTHIL S/ T1158		
Designation	Associate Professor		
Department	Science and Humanities		
Date of Joining the Institution	31.07.2024		
Qualifications	M.Sc., M.Phil.	Ph.D.	
Total Experience	Overall: 20 Years 4 Months	in RMK: 1 year 4 months	
Papers Published in Journal	Overall: 20	After Joining RMK: 3	
List of Papers Published	<p>1. G.Thangaraj and S.Senthil, "On Almost Contra-Somewhat Fuzzy Continuous Functions", South East Asian Journal of Mathematics and Mathematical Sciences, Vol. 19, No. 3 (2023), 215-232</p> <p>2. G.Thangaraj and S.Senthil, "Some Remarks on Somewhere Fuzzy Continuous Functions", Advances and Applications in Mathematical Sciences, Vol. 22, No. 7 (2023), 1387 -1415</p> <p>3. S.Senthil and J.Thangamalar, "Some Remarks On Fuzzy Baire Open Functions", International Journal of Current Science Research Special Issue (2023), 351-360.</p> <p>4. S.Senthil and E.Baskarprabhu, "On Fuzzy Sequencing Problems using Graphical Methods", Journal of Research in Applied Mathematics, Vol. 8, No. 5 (2022), 65-71.</p> <p>5. S.Senthil and D.Chandru "On Fuzzy Shortest Cyclic Route Problems", Zeichen Journal, Vol. 8, No.4 (2022), 264 - 272.</p> <p>6. G.Thangaraj and S.Senthil, "On Fuzzy Pseudo Perfectly Continuous Functions", Advances and Applications in Mathematical Sciences, Vol. 21, No. 6 (2022), 2961 -2988.</p> <p>7. G.Thangaraj and S.Senthil, "On A - Somewhat Fuzzy Continuous Functions", Annals of Fuzzy Mathematics and Informatics, Vol. 23, No. 1 (2022), 1 - 18.</p>		

8. G.Thangaraj and S.Senthil, "On Fuzzy Functions Having the Property of Fuzzy Baire", Journal of Xi'an University of Technology, Vol. 13, No. 12 (2021), 245 – 254.
9. G.Thangaraj and S.Senthil, "On A - Somewhat Fuzzy Continuous Functions", Annals of Fuzzy Mathematics and Informatics, Vol. 23, No. 1 (2022), 1 – 18.
10. G.Thangaraj and S.Senthil, "On Fuzzy Contra Somewhat Continuous Functions", Journal of Advances in Fuzzy Sets and Systems, Vol. 26, No. 2 (2021), 117 – 144.
11. G.Thangaraj and S.Senthil, "On Fuzzy Resolvable Functions", Malaya Journal of Matematik, Vol. 8, No.2 (2020), 712 – 723.
12. G.Thangaraj and S.Senthil, "On Fuzzy Baire Continuous Functions", The Journal of Fuzzy Mathematic, Vol. 28, No. 2 (2020), 403 – 419.
13. G.Thangaraj and S.Senthil, "On Somewhere Fuzzy Continuous Functions", Annals of Fuzzy Mathematics and Informatics, Vol. 15, No. 2 (2018), 181 – 198.
14. S.Senthil, "Some Results on Fixed Point Theorems in Cone Metric Spaces" International Journal of Scientific & Engineering Research, Vol. 6, No. 3 (2015), 210 – 219.
15. S.Senthil and S.Amudha "Fixed Point Theorems for Mappings Satisfying Certain Contractive Condition of Integral Type", International Journal for Innovative Research in Science and Technology, Vol. 1, No. 6 (2014), 66 – 71.
16. S.Senthil and K.Prabavathi, "On Fuzzy Sequencing Problem Using Geometric Average Method" International of All Research Education and Scientific Methods", Vol. 12, No.3 (2024), 1954-1959.
17. K.Radhika and S.Senthil "Interval Valued k-Range Symmetric Quadri Partitioned Neutrosophic Fuzzy Matrices with Decision Making" Neutrosophic Sets and Systems, Vol. 78, 2025, 506-539.
18. A. Mohammed shapique and S.Senthil "Pentapartitioned Single-Valued Neutrosophic Z-Numbers" Neutrosophic Sets and Systems, Vol. 83, 2025, 701-734.
19. K. Marimuthu, S. Senthil "Picture fuzzy Aczel–Alsina power geometric aggregation operators with confidence level and their application to multi-criteria decision-making" Discover Applied Sciences, Aug 2025, 1- 17

Papers Presented in Conferences	Overall: 7	After Joining RMK:
Ph.D s / Projects Guided	PhDs Guided :	Student Projects Guided: 13 M.Phil Students Guided and 15 PG and UG Projects Guided
Books Published :	Count : 1	
	1. Published a book chapter entitled “On Fuzzy Baire Open Functions” in the edited book on “Mathematical Insight” bearing ISBN 978- 81- 19820- 05 – 4.	

Patents	Published Count: 1	Granted Count: NIL
	List : Fuzzy Topology Converter for Renewable Power Generation	
Professional Memberships	Count : 2	
	List : 1. Member of International Association of Engineers 2. Member of the IAENG Society of Operations Research	
Consultancy Projects Completed	Count : 1	
Awards Received	Count : 1	
	List : 1. Award of achievement Research Excellence Award from Scientific International Publishing House.	
Research grants Received	NIL	
Orchid Link / ID	ID:	
Google Scholar Link / ID	ID:	
Vidwan Link / ID	ID:	
Research Gate Link / ID		
Scopus Link / ID	ID:	