

**Dr. Fathima Perveen A**  
 Assistant Professor  
 Department of Mathematics  
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 Mobile No : 7907707371  
 Date of Birth : 16/05/1991  
 Date of Joining in the Present Service : 01-06-2022  
 Date of Retirement :31/05/2051

**1. Academics :**

Sl.No	Exam Passed	Institution/University	Main Subject	Year of Passing	Percentage
1	B.Sc	Sullamussalam Science College, Areekode	Mathematics	2011	98
2	M.Sc	DGMMES College, Mampad	Mathematics	2013	83
3	P.hD	National Institute of Technology, Calicut	Mathematics	2023	
4	CSIR (UGC)-JRF NET	CSIR	Mathematics	2017	

**2. Journal Publications:**

Sl.No	Publication in Journal	Name of Journal	Journal Issue
1	Spherical Fuzzy Soft Sets and Its Applications in Decision Making Problems	Journal of Intelligent and Fuzzy System	Vol. 37, no. 6, pp. 8237-8250, 2019. (WoS-SCIE), ISSN Online: 1875-8967
2	Spherical Fuzzy Soft Topology and Its Application in Group Decision-Making Problems	Mathematical Problems in Engineering	Vol. 2022, 2022, DOI : <a href="https://doi.org/10.1155/2022/1007133">https://doi.org/10.1155/2022/1007133</a> (WoS-SCIE)
3	A novel similarity measure of picture fuzzy sets and its applications	Journal of Intelligent and Fuzzy System	Vol. 44, No. 3, pp. 4653-4665, 2023 (WoS-SCIE), ISSN Online: 1875-8967
4	Some new algebraic properties of spherical fuzzy soft set (Accepted)	Journal of Multiple-Valued Logic and Soft Computing.	

### 3. Publications in Conference Proceedings

Sl.No	Publication in Conference	Name of Conference Proceedings	Date of Conference	Remarks
1	On spherical Fuzzy Soft Expert Sets	AIP Conference Proceedings. Vol. 2261. No. 1. AIP Publishing LLC, 2020	21-22 February 2020	WoS-CPCI
2	A similarity measure of spherical fuzzy soft sets and its application	AIP Conference Proceedings. Vol. 2336. No. 1. AIP Publishing LLC, 2021	10-12 September 2020	WoS-CPCI
3	Relations on spherical fuzzy soft sets	AIP Conference Proceedings. Vol. 2875. No. 1. AIP Publishing, 2023	28-30 March 2022	WoS-CPCI
4	Algebraic Properties of Spherical Fuzzy Sets	Springer Proceedings in Mathematics & Statistics, vol 419. Springer, Singapore, 2023	19-22 December 2022	WoS-CPCI

### 4. Details of Workshops/ Conferences/ Seminars/ Symposia Attended / Papers Presented

Sl. No	Name	Invited/Contributed/Participated	Place and Date	Sponsoring Agency	International/National/Regional
1	International Conference on. Advances in Applicable Mathematics	Contributed	21-22 February 2020, Coimbatore	Bharathiyar University	International
2	Conference on Computational Sciences-Modelling, Computing and Soft Computing 2020	Contributed	September 10-12 2020, Calicut	National Institute of Technology, Calicut	International
3	Conference on Computational Sciences-Modelling, Computing and Soft Computing 2022	Contributed	March 28-30, 2022, Manipal	Department of Mathematics, Manipal Institute of Technology, Manipal.	International
4	International Conference on Nonlinear Applied Analysis and Optimization	Contributed	December 19-22, 2022, Varanasi	Department of Mathematical Sciences, IIT (Banaras Hindu University), Varanasi.	International
5	Short term training	Participated	November 9- 10, 2018,	SRM Institute	National

programme on Fuzzy Sets and Applications		Tamil Nadu	of Science and Technology, Tamil Nadu
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#### 5. International /National/ State – Level Workshops/Conference Organized

Sl.No	Title of the Seminar/Conference	Funding Agency	Date	National/International /Regional	Role
1	National Seminar on Fuzzy Logic, Neural Network, & Machine Learning	KSCST	15-16 December, 2022	National	Convener

#### 6. Citation & Indices

Citations	57
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#### References

1. Dr. Sunil Jacob John  
Professor, Dept.Mathematics, National Institute of Technology, Calicut.  
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2. Dr. Sunil Mathew  
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