CURRICULUM VITAE

NAME	:	Dr. Shainky Ruhela
DESIGNATION	:	Assistant Professor
DEPARTMENT	:	Mathematics
SPECIALIZATION	:	Fuzzy Set Theory and its Application, Fuzzy Topology, Fuzzy Automata Theory, Rough Set Theory, Category Theory

QUALIFICATION DETAILS

S.NO.	QUALIFICATION	NAME OF UNIVERSITY	PASSING YEAR
1.	Ph.D.	CENTRAL UNIVERSITY OF RAJASTHAN	2024
2.	M.Sc. MATHEMATICS	UNIVERSITY OF DELHI	2018
3.	B.Sc. (H) MATHEMATICS	UNIVERSITY OF DELHI	2016

Awards & Recognitions/Scholarships/Other Achievements

S.NO.	NAME	PASSING YEAR
1.	CSIR-UGC (NET-JRF) (DEC-2018)	2019
2.	GATE-2018	2018

S.NO.	NAME	YEAR
1.	DST-INSPIRE SCHOLARSHIP (SCHOLARSHIP FOR HIGHER EDUCATION)	2013-2018

POSITIONS HELD

S.NO.	EMPLOYER	DESIGNATION	DATE FROM	DATE TO
1.	M.L.K. (P.G.) COLLEGE	ASSISTANT PROFESSOR	21.07.2022	TILL DATE

Published/Accepted Research Papers

S.No.	Author/s	Title.	Journal Name, Year. Volume, page no	UGC Care list/Scopus/ Web of Science (Provide link)	ISSN No
1.	Mausam Kumari, Vijay Kumar Yadav, **Shainky Ruhela**, S. P. Tiwari	On Categories Associated with Crisp Deterministic Automata with Fuzzy Rough Outputs and Fuzzy Rough Languages	Soft Computing **(Accepted: 10 March 2024)** **DOI:** https://doi.org/10.1007/s00500-024-09818-5	Web of Science, Science Citation Index Expanded, Scopus. **Publisher: Springer** https://www.scopus.com/sourceid/28554	ISSN: 1432-7643 E-ISSN: 1433-7479
2.	**Shainky Ruhela**, Sunny Verma, Vijay Kumar Yadav, S.P. Tiwari	Topological Approaches in Characterization of Algebraic Structure of Fuzzy Multiset Finite Automata	New Mathematics and Natural Computation **(Accepted: 06 April 2024)** **DOI:** https://doi.org/10.1142/S1793005726500043	Web of Science, Scopus. **Publisher: World Scientific** https://www.scopus.com/sourceid/21100206263	ISSN: 1793-0057 E-ISSN: 1793-7027
3.	Sunny Verma, Mausam Kumari, **Shainky Ruhela**, Vijay Kumar Yadav	Weighted Hesitant Fuzzy Finite Rough Automaton: A Computing Model for Natural Language Processing	New Mathematics and Natural Computation **(Accepted: 06 April 2024)** **DOI:** https://doi.org/10.1142/S1793005725500528	Web of Science, Scopus. **Publisher: World Scientific** https://www.scopus.com/sourceid/21100206263	ISSN: 1793-0057 E-ISSN: 1793-7027
4.	**Shainky Ruhela**, Apostolos Syropoulos, Vijay Kumar Yadav, Binod Kumar Sharma, S. P. Tiwari	On Characterization of Algebraic Structure of Fuzzy Multiset Finite Automata	New Mathematics and Natural Computation **(Accepted: 19 October 2024)** **DOI:** https://doi.org/10.1142/S1793005726500298	Web of Science, Scopus. **Publisher: World Scientific** https://www.scopus.com/sourceid/21100206263	ISSN: 1793-0057 E-ISSN: 1793-7027

Conferences, Seminars, Workshops, FDP & Talks

S.NO.	DETAILS	YEAR
1.	SDP on programming in python, Kirori Mal College in collaboration with spoken tutorial IIT Bombay.	2020
2.	International online workshop on new trends in fuzzy and rough set theory and its applications [FRSTA-2020], Manipal University Jaipur.	2020
3.	One-week short term training program on computational software (MATLAB & Mathematica) under Centre for Continuing Education (CCE), SVNIT Surat-395007, Gujarat, India.	2020
4.	International conference on recent trends in mathematical and computational sciences (ICRTMCS 2022) organized by the Department of Mathematics and Department of Statistics, Amity University Kolkata.	2022
5.	One week Training program on "STUTI on Mathematics for Machine Learning" Organized by DST-Centre for Interdisciplinary Mathematical Sciences Institute of Science, Banaras Hindu University, Varansi-221005 under the aegis of DST-STUTI Program of IIT(ISM) Dhanbad-826004.	2022
6.	One-week International Short Term Training Program on "Mathematical Modeling and Computational Software organized by Department of Mathematics at Hindustan Institute of Technology, Coimbatore-641032, Tamil Nadu, India.	2023
7.	A Five-Day Online FDP on Recent Emerging Trends of Research in Mathematics-2 organized by Department of Mathematics, KPR College of Arts Science and Research, Coimbatore-641 407, Tamil Nadu, India.	2023
8.	Seven Day International Virtual FDP on "Research Insights for Academic Excellence" organized by Department of Mathematics, KPR College of Arts Science and Research, Coimbatore 641 407, Tamil Nadu, India.	2023
9.	International Conference on "Advances in Applied Mathematics" (ICAAM-2024) organized by Department of Mathematics, University College of Science, Tumkur University, Karnataka, India.	2024
10.	Five-Day International Online FDP on "Exploring Recent Trends in Applied Mathematics and Machine Learning" organized by Department of Mathematics at Koneru Lakshmaiah Educational Foundation (Deemed to be University), Hyderabad.	2024