



Personal Details	
Name:	Dr. Surender Singh
Designation:	Associate Professor
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General Information	
Name	Dr. Surender Singh
Designation	Associate Professor
Qualification	M.Sc., CSIR-NET, Ph.D.
Date of Birth	10 th April 1976
Date of Joining	1 st December 2011
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Phone/Mobile	+919906132939
Email ID	surender.singh@smvdu.ac.in surender1976@gmail.com
Specialization	Mathematical Information Theory, Fuzzy Information Theory and Applications

Educational Qualification				
Name of the Degree		Year of Passing	Institute/University	
B.Sc. (Phy., Chem., Maths.)		1996	Maharshi Dayanand University, Rohtak	
M.Sc. (Mathematics)		1999	Kurukshetra University, Kurukshetra	
Ph.D. (Mathematics)		2015	Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonepat), Haryana Title of Thesis: Some Generalized Information and Divergence Measures and their Applications Supervisors: Prof. P. K. Bhatia and Dr. Vinod Kumar	
Teaching/Industry Experience				
Position Held	Department and Organization	From	To	Total Experience
Lecturer	S.D. (P.G.) College, Panipat	19 th July 2000	15 th March 2002	16 months
Lecturer	I.B. (P.G.) College, Panipat	15 th July 2002	22 nd March 2003	08 months
Lecturer	S.D. (P.G.) College, Panipat	18 th July 2006	20 th March 2007	08 months
Assistant Professor	S.D Institute of Tech. and Management, Israna Panipat	25 th June 2007	29 th November 2011	04 years 05 months
Assistant Professor	Shri Mata Vaishno Devi University, Katra	1st December 2011	13 th June 2022	10 years 06 months
Associate Professor	Shri Mata Vaishno Devi University, Katra	14 th June 2022	Till Date	More than 02 years 06 months
Administrative Experience				
Position Held	Department and Organization		From	To
Head, Department of Applied Sciences	S. D. Institute of Technology and Management, Israna, Panipat		27 Sept. 2011	29 November 2011
Warden, Nilgiri Boys.	Shri Mata Vaishno Devi University, Katra		27 th July 2016	October 2020

Hostel										
Deputy-Director, Directorate of Quality Assurance (DQA)	Shri Mata Vaishno Devi University, Katra	5 th December 2023	Till Date							
Research Experience										
Research Interests:		Fuzzy Information Theory and Applications, Decision-making, Pattern Classification								
Brief Research Statement:		<p>The study of fuzzy information measures is crucial for addressing uncertainty and imprecision in real-world systems.</p> <p>My research focuses on developing and analysing fuzzy entropy, divergence, correlation coefficients and similarity measures that extend classical information theory to fuzzy environments and its extensions. These measures enable robust decision-making in areas where vagueness plays a key role, such as medical diagnosis, pattern recognition, and machine learning. I am particularly interested in designing novel measures that integrate fuzzy set theory with uncertain systems, enhancing their interpretability and computational efficiency. Furthermore, my work explores applications of these measures in optimizing fuzzy models for clustering, classification, and control systems, enabling better handling of ambiguous data.</p> <p>By bridging theoretical advancements with practical applications, my goal is to contribute to the development of intelligent systems capable of processing uncertain information.</p>								
Research Projects										
R ol e	Proj ect Type	Title	Funding Agency	From	To	Amou nt	Status	Co- Investi gator	Sanction Order	Sanction Date
Journal Publications										
Year	Author(s)		Title & Vol. No.		Journal Name		Indexing (SCI) Web of Science/Scopus			
2013	P.K. Bhatia, Surender Singh		On a new Csiszar's f- divergence Measure, Vol. No. 13		Cybernetics and Information Technologies		Scopus			
2015	P.K. Bhatia, Surender Singh, Vinod Kumar		On some properties of Tsallis Entropy on Majorization Lattice, Vol. No.31		Acta Mathematica Academiae Peadagogicae Nyiregyhaziensis		Scopus			

2018	Sumita Lalotra, Surender Singh	On a Knowledge Measure and an Unorthodox Accuracy Measure of an Intuitionistic Fuzzy Set (s) With their Applications, Vol. No.11	International Journal of Computational Intelligence Systems	SCIE
2018	Surender Singh, Sumita Lalotra	Generalized Correlation Coefficients of hesitant Fuzzy sets and the Hesitant Fuzzy soft Sets with Application in Group Decision-making, Vol. No. 35	Journal of Intelligent and Fuzzy Systems	SCIE
2019	Sonam Sharma, Surender Singh	On some Generalized Correlation Coefficients Of the fuzzy Sets and Fuzzy soft Sets with Application in Cleanliness Ranking of Public health Centres, Vol. No. 36	Journal of Intelligent and Fuzzy Systems	SCIE
2019	Surender Singh, Sumita Lalotra	On Generalized Correlation Coefficients of The Hesitant Fuzzy Sets with Their Application to Clustering Analysis, Vol. No.38	Computational and Applied Mathematics	SCIE
2019	Surender Singh, Sumita Lalotra, Sonam Sharma	Dual Concepts in Fuzzy theory: Entropy and Knowledge Measure, Vol. No. 34	International Journal of Intelligent Systems	SCIE
2019	Surender Singh, Sonam Sharma	On Generalized Fuzzy Entropy and Fuzzy Divergence Measure with Applications, Vol. No.8	International Journal of Fuzzy System Applications	Scopus
2020	Abdul Haseeb Ganie, Surender Singh	Some new correlation coefficients of picture fuzzy	Neural Computing and Applications	SCIE

		sets with applications, Vol. No. 32		
2020	Surender Singh, Sonam Sharma Sumita Lalotra	Generalized Correlation Coefficients of Intuitionistic Fuzzy Sets with Application to MAGDM and Clustering Analysis, Vol. No. 22	International Journal of Fuzzy Systems	SCIE
2020	Sumita Lalotra, Surender Singh	Knowledge measure of hesitant fuzzy set and its application in multi-attribute decision-making, Vol. No. 39	Computational and Applied Mathematics	SCIE
2020	Surender Singh, Sonam Sharma, Abdul Haseeb Ganie	On generalized knowledge measure and generalized accuracy measure with applications to MADM and pattern recognition, Vol. No. 39	Computational and Applied Mathematics	SCIE
2020	Surender Singh, Sumita Lalotra, Abdul Haseeb Ganie	On Some Knowledge Measures of Intuitionistic Fuzzy Sets of Type Two with Application to MCDM, Vol. No. 20	Cybernetics and Information Technologies	Scopus
2020	Surender Singh, Abdul Haseeb Ganie	On some correlation coefficients in Pythagorean fuzzy environment with applications, Vol. No. 35	International Journal of Intelligent Systems	SCIE
2020	Surender Singh, Sumita Lalotra	On a weighted fuzzy knowledge measure with its application to multi-attribute decision-making, Vol. No. 42	Songklanakarin Journal of Science And Technology	Scopus
2021	Abdul Haseeb	A picture fuzzy	Neural Computing and	SCIE

	Ganie, Surender Singh, P. K. Bhatia	similarity measure based on direct operations and novel multi-attribute decision-making method, Vol. No. 33	Applications	
2021	Surender Singh, Sonam Sharma	On a generalized entropy and dissimilarity measure in intuitionistic fuzzy environment with applications, Vol. No.25	Soft Computing	SCIE
2021	Surender Singh, Abdul Haseeb Ganie	An innovative picture fuzzy distance measure and novel multi-attribute decision-making method, Vol. No. 7	Complex Intelligent Systems	SCIE
2021	Surender Singh, Abdul Haseeb Ganie	Applications of picture fuzzy similarity measures in pattern recognition, clustering, and MADM, Vol. No. 168	Expert Systems with Applications	SCIE
2021	Surender Singh, Abdul Haseeb Ganie	On generalized correlation coefficients of picture fuzzy sets with their applications, Vol. No. 10	International Journal of Fuzzy System Applications	SCIE
2022	Surender Singh, Abdul Haseeb Ganie	Applications of a picture fuzzy correlation coefficient in pattern analysis and decision-making, Vol. No. 7	Granular Computing	Scopus
2022	Surender Singh, Abdul Haseeb Ganie	Some novel q-rung orthopair fuzzy correlation coefficients based on the statistical viewpoint with	Journal of Ambient Intelligence and Humanized Computing	Scopus

		their applications, Vol. No. 13		
2022	Surender Singh, Abdul Haseeb Ganie	Generalized hesitant fuzzy knowledge measure with its application to multi-criteria decision-making, Vol. No. 7	Granular Computing	Scopus
2022	Surender Singh, Abdul Haseeb Ganie	Two-parametric generalized fuzzy knowledge measure and accuracy measure with applications, Vol. No. 37	International Journal of Intelligent Systems	SCIE
2022	Surender Singh, Abdul Haseeb Ganie	On a new picture fuzzy correlation coefficient with its applications to pattern recognition and identification of an investment sector, Vol. No. 41	Computational and Applied Mathematics	SCIE
2022	Dinesh K. Sharma, Surender Singh, Abdul Haseeb Ganie	Distance-Based Knowledge Measure of Hesitant Fuzzy Linguistic Term Set with Its Application in Multi-Criteria Decision Making, Vol. No.11	International Journal of Fuzzy Systems and Applications	Scopus
2022	Surender Singh	Knowledge and accuracy measure based on dual-hesitant fuzzy sets with application to pattern recognition and site selection for solar power plant, Vol. No. 8	Granular Computing	Scopus
2022	Sonam Sharma, Surender Singh	A Complementary Dual of Single-Valued Neutrosophic Entropy with Application to	Mathematics	SCIE

		MAGDM, Vol. No. 10		
2022	Abdul Haseeb Ganie, Surender Singh, MM Khalaf, MMA Al-Shamiri	On some measures of similarity and entropy for Pythagorean fuzzy sets with their applications, Vol. No. 41	Computational and Applied Mathematics	SCIE
2023	D. K. Sharma, Surender Singh, Koushal Singh	Picture Fuzzy Knowledge Measure with Application to MADM, Vol. No. 8	International Journal of Mathematical Engineering and Management Sciences	Scopus
2023	Koushal Singh, Surender Singh	Normal K^N functions-based fuzzy information measures with applications in MADM and pattern recognition, Vol. No. 644	Information Sciences	SCIE
2023	Koushal Singh, Surender Singh	On Dual Proximity Measure of Intuitionistic Fuzzy Sets, Vol. No. 35	Neural Computing and Applications	SCIE
2023	Surender Singh, Sonam Sharma	An Asymmetric Measure of Comparison of Neutrosophic Sets, Vol. No. 55	Neutrosophic Sets and Systems	Scopus
2023	Surender Singh, Koushal Singh	Novel fuzzy similarity measures and their applications in pattern recognition and clustering analysis, Vol. No. 8	Granular Computing	Scopus
2023	D. K. Sharma, Surender Singh, Abdul Haseeb Ganie	Correlation coefficients in T-spherical fuzzy environment using statistical viewpoint and their applications, Vol. No. 47	International Journal of Operational Research	Scopus
2024	Surender Singh, Koushal Singh	Novel Construction Method for	International Journal of Information Technology	Scopus

		Pythagorean Fuzzy Similarity Measures, Vol. No. 16		
2024	Sonam Sharma, Surender Singh	Aggregation operators-based divergence measures for single-valued neutrosophic sets with their applications to pattern recognition, Vol. No. 46	Journal of Intelligent and Fuzzy Systems	SCIE
2024	Surender Singh, Koushal Singh	Pattern Recognition and Image Segmentation Based on Some Novel Fuzzy Similarity Measures, Vol. No.	Journal of Experimental and Theoretical Artificial Intelligence	SCIE
2025	Koushal Singh, Surender Singh	Novel Construction Methods for Picture Fuzzy Divergence Measures with Applications in Pattern Recognition, MADM, and Clustering Analysis, Vol. No.	Pattern Analysis and Applications	SCIE
2025	Surender Singh, Anjali Sharma	Novel Similarity measure for interval-valued intuitionistic trapezoidal fuzzy numbers, Vol. No. 17	International Journal of Information Technology	Scopus
2025	Sonam Sharma, Surender Singh	Single-valued neutrosophic Yager power aggregation operators and its application to MCDM, Vol. No. 35	Yugoslav Journal of Operations Research	Scopus
Conference Publications				
Year	Author(s)	Title	Conference name with place	Indexing (SCI/Web of science/Scopus)
2019	Surender Singh, Sonam Sharma	Concept of Certainty in Residual life of a system	International Conference on Advances In Basic Sciences organized by GDC Memorial College, Bahal, Haryana	Scopus

2023	Abdul Haseeb Ganie, Surender Singh	An Improved Picture Fuzzy Similarity Measure with Its Application in Pattern Recognition and COVID-19	Dutta, H., Ahmed, N., Agarwal, R.P. (eds) Applied Nonlinear Analysis and Soft Computing . ANASC 2020. Advances in Intelligent Systems and Computing, vol 1437. Springer, Singapore	Scopus
2023	Surender Singh, Koushal Singh	On Monotonic Function Method for Generating Fuzzy Similarity Measures	In International Conference on Intelligent and Fuzzy Systems, Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference, Volume 1, Springer Nature Switzerland	Scopus

Book/Chapters Written

Type	Title	Publisher	Author(s)	ISBN/ISSN No.	Year
Chapter	Generalized knowledge measure based on hesitant fuzzy sets with application to MCDM	CRC PRESS	D. K. Sharma, Surender Singh, Sumita Lalotra	9781032392646	2023

Research Supervision

Program me Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor (s)
Ph.D.	Sumita Lalotra	A Study of Information Measures and Correlation Measures based on Intuitionistic and Hesitant Fuzzy Sets	Awarded	2017-2020	None
Ph.D.	Sonam Sharma	Some Information Measures and Correlation Measures Based on Fuzzy and Intuitionistic Fuzzy Sets	Awarded	2016-2020	None
Ph.D.	Abdul Haseeb Ganie	Fuzzy and Non-Standard	Awarded	2018-2022	None

		Fuzzy Information Measures and Correlation Measures with their Applications			
Ph.D.	Koushal Singh	Theoretical and Empirical Study of Some Non-Standard Fuzzy Information Measures and Their Duals	Awarded	Registered in March 2020	None
Ph.D.	Sonam Sharma	Some Single-Valued Neutrosophic Information Measures with Applications	Registered in March 2020	Near Submission	None
Ph.D.	Anjali Sharma	A Study of Information Measures based on Interval-valued Intuitionistic Fuzzy Sets	Registered in November 2022	Continuing	None

Patents

Title	Reg./Ref.No	Date of Award/Filing	Awarding Agencies	Status

Conferences / Workshops/ FDP/STC /Training/Skill Dev Courses Organized

Category	Type	Title	Venue	From	To	Designation
National Conference	National	National Conference on Algebra, Analysis and Applications	SMVDU, Katra	15 th March, 2013	16 th March, 2013	Member of organizing committee
National Seminar	National	National Seminar on	SMVDU, Katra	22 nd March, 2013	22 nd March, 2013	Member of organizing

		Recent Trends in Mathematical Sciences				committee
National Conference	National	National Conference on Recent Trends in Mathematical Sciences	SMVDU, Katra	8 th October, 2015	9 th October, 2015	Member of organizing committee
National Seminar	National	National Seminar on Recent Trends in Mathematical Sciences	SMVDU, Katra	9 th February, 2017	10 th February, 2017	Co-organizing Secretary
University level event	University Level	National science day	SMVDU, Katra	28 th February, 2017	28 th February, 2017	Member of organizing committee
National Conference	National	National Conference on Topology, Analysis, Algebra and their Applications	SMVDU, Katra	7 th March, 2017	8 th March, 2017	Member of organizing committee
Annual Conference	National	84 th Annual conference of Indian Mathematical Society- An International Meet	SMVDU, Katra	27 th November 2018	30 th November 2018	Member of Accommodation In charge
Zonal Meet	National	AIU, North Zone Vice Chancellors Meet	SMVDU, Katra	16 th November 2019	17 th November 2019	Member of Accommodation In charge
National Conference	National	National Conference on Recent Trends in Mathematical Sciences	SMVDU, Katra	13 th December 2019	14 th December 2019	Coordinator
International conference	International	Virtual International Conference on Mathematical Sciences and Computational Intelligence	SMVDU, Katra	21 st December 2020	22 nd December 2020	Co-Convener

National level webinar	National	National Level Webinar to celebrate National Mathematics Day	SMVDU, Katra	21 st December 2021	22 nd December 2021	Coordinator
FDP	National	One Week Faculty Development Program on Mathematics and its Applications in Science & Engineering (online)	SMVDU, Katra	27 th September, 2021	1 st October, 2021	Coordinator
Workshop	National	Prevention of Sexual Harassment at Workplace Act, 2013	SMVDU, Katra	31 st May, 2022	31 st May, 2022	Organizing Secretary
National Conference	National	National conference on Recent Trends in Mathematical Sciences	SMVDU, Katra	21 st March, 2024	22 nd March, 2024	Coordinator
STTP	National	Online STTP on Mathematical Methods	SMVDU, Katra	14 th October 2024	19 th October 2024	Coordinator

Conferences / Workshops/ FDP/STC / Training/Skill Dev Courses Participated

Category	Type	Title	Venue	From	To	Designation
FDP	National	Theory and practical Applications of FEM	Israna, Haryana	14 th June, 2010	25 th June, 2010	Participant
Skill Dev Course	National		Khanpur Kalan	21 st November, 2012	18 th December, 2012	Participant
FDP	National	Introduction to MATLAB® and Matrox® Imaging Library (MIL) with Emphasis on hands on Practice	SMVDU, Katra	23 rd December, 2012	27 th December, 2012	Participant
Workshop	National	Basic Econometrics	SMVDU, Katra	3 rd March, 2014	8 th March, 2014	Participant

Course	National	UGC Sponsored Refresher Course	University of Allahabad	24 th May, 2014	13 th June, 2014	
Workshop	National	Optimization using MATLAB	SMVDU, Katra	24 th October, 2016	28 th October, 2016	Participant
Workshop	National	Cloud Computing	SMVDU, Katra	5 th December 2016	9 th December 2016	Participant
Workshop	National	Patent Drafting and Filing	SMVDU, Katra			Participant
Course	National	Research Methodology	SMVDU, Katra	14 th March 2017	27 th March, 2017	Participant
STTP	National	Stochastic Modelling and Optimal Control of Engineering System	IIT Roorkee	22 nd May, 2017	26 th May, 2017	Participant
FDP	National	Applications on Soft Computing and Machine Learning	SMVDU, Katra	3 rd April, 2018	7 th April, 2018	Participant
FDP	National	Foundation program in ICT for Education	IIT Bombay	8 th March 2018	12 th April 2018	Participant
FDP	National	Pedagogy for Online and Blended Teaching-Learning Process	IIT Bombay	3 rd May, 2018	30 th May, 2018	Participant
FDP	National	Effective Teaching Learning in Higher Education	SMVDU, Katra	4 th July, 2018	6 th July, 2018	Participant
FDP	National	Teaching Science and Mathematics	SMVDU, Katra	21 st Jan, 2019	25 th Jan, 2019	Participant
Workshop	National	Training of Trainers Workshop on UGC-Faculty Induction Programme	IISER, Pune	27 th March, 2019	29 th March 2019	Participant
Short Term Program	National	Building Capacities	University of	14 th March, 2022	19 th March, 2022	Participant

		of Teachers in Blended Learning	Hyderabad			
FDP	National	Application of Mathematical Tools in Research	Devi Ahilya Vishwavidyalaya, Indore	13 th June, 2022	18 th June, 2022	Participant
FDP	National	NEP Orientation and Sensitization Programme	NEIPA, New Delhi	19 th August, 2024	28 th August, 2024	Participant
Conference	International	On some novel correlation coefficients in picture fuzzy environment	Amity Institute of Higher Education, Ebene, Mauritius	20 th December, 2019	22 nd December, 2019	Participant & Paper Presenter
Conference	International	A Metric-Based Knowledge Measure of Hesitant Fuzzy Linguistic Term Set	American Institute of Management and Technology, USA	2021		Participant & Paper Presenter
Conference	International	On monotonic function method for generating fuzzy similarity measures	Istanbul, Turkey	22 nd August, 2023	24 th August, 2023	Participant & Paper Presenter
Conference	International	Novel Fuzzy Knowledge Measure and Fuzzy Correlation Coefficient with Their Applications	Jai Narayan Vyas University, Jodhpur	5 th January, 2024	7 th January, 2024	Participant & Paper Presenter
Conference	International	On a Fuzzy Similarity Measure Based on Monotonic Functions	Shri Krishan Devraj University, Ballari, Karnataka	21 st December, 2022	23 rd December, 2022	Participant & Paper Presenter
Conference	International	On a Novel Complementary Dual	University of Science	2022		Participant & Paper Presenter

		of Fuzzy Entropy	and Technology, Meghalaya			
Conference	International	Correlation coefficients in T-spherical fuzzy environment using statistical viewpoint and their applications	JNU, New Delhi	20 th July, 2024	24 th July, 2024	Participant & Paper Presenter
Conference	International	On a certainty measure of residual life of a System	GDC Memorial College Bahal, Bhiwani, Haryana	8 th February, 2019	8 th February, 2019	Participant & Paper Presenter
Conference	International	On useful fuzzy knowledge measure and accuracy measure	SMVDU, Katra	27 th November, 2018	30 th November, 2018	Participant & Paper Presenter
Conference	International	On a dual of residual uncertainty measure	Guru Nanak Dev University, Amritsar, Punjab	2 nd February, 2018	4 th February, 2018	Participant & Paper Presenter
Conference	International	Studies on Intuitionistic Fuzzy Information Measure	Sri Sai College of Engineering and Technology, Badhani, Pathankot, Punjab	16 th January, 2015	19 th January, 2015	Participant & Paper Presenter
Conference	International	Two Parameter Entropy of Uncertain Variables	Chitkara University Himachal Pradesh	20 th March, 2014	22 nd March, 2014	Participant & Paper Presenter
Conference	National	On Fuzzy Concepts in Engineering & Technology	NCCE Israna, Haryana	17 th March, 2012	17 th March, 2012	Participant & Paper Presenter
Workshop	National	On Some Economic	DCR University	18 th October, 2012	19 th October,	Participant & Paper

		Applications of Shannon's Measure	of Science and Technology, Murthal, Sonapat (Haryana)		2012	Presenter
Conference	National	New Measure of Fuzzy Directed divergence & its application in image segmentation	SMVDU, Katra	21 st December, 2012	23 rd December, 2012	Participant & Paper Presenter
Conference	National	On Some Aspects of Modelling" in National Conference on Algebra, Analysis and Applications	SMVDU, Katra	15 th March, 2013	16 th March, 2013	Participant & Paper Presenter
Conference	National	On a New Csizar's f-divergence Measure	SMVDU, Katra	22 nd March, 2013	22 nd March, 2013	Participant & Paper Presenter
Symposium	National	On a New Intuitionistic Fuzzy Information Measure using REF	Govt. Gandhi Memorial Science College, Jammu	27 th February, 2015	28 th February, 2015	Participant & Paper Presenter
Conference	National	On a New Intuitionistic Fuzzy Divergence	SMVDU, Katra	8 th October, 2015	9 th October, 2015	Participant & Paper Presenter
Conference	National	On entropy and cross entropy of uncertain variables	SMVDU, Katra	9 th February, 2017	10 th February, 2017	Participant & Paper Presenter
Conference	National	Generalized entropy of finite partition of fuzzy set	SMVDU, Katra	7 th March, 2017	8 th March, 2017	Participant & Paper Presenter
Conference	National	On Information Energy of Order Statistics	SMVDU, Katra	9 th February, 2017	10 th February, 2017	Participant & Paper Presenter
Conference	National	On a Hesitant Fuzzy Linguistic Term	CCS Haryana Agricultural University	22 nd February, 2022	22 nd February, 2022	Participant & Paper Presenter

		Knowledge Measure Based on Similarity Measure	, Hisar			
Expert Talks						
Title	Place	Year	Description of Event			
On measures of knowledge and accuracy in intuitionistic fuzzy environment and their applications	University of Jammu, J&K	2018	National Seminar on “Recent Advances in Complex Analysis and Operator Theory” and 27 th Annual Conference of the Jammu Mathematical Society			
On Some Developments and Applications concerning Fuzzy Theory and its Extensions	Institute of Teacher Education, Modinagar, Uttar Pradesh	2020	International Conference (Online) On Recent Trends in Science, Humanities & Engineering			
On Some Concepts in Fuzzy Theory with Applications	Madhyanchal Professional University, Bhopal (M.P.)	2021	Virtual International Conference On Emerging Trends In Engineering, Science, Management & Commerce			
Fuzzy Paradigms of Uncertainty Modeling	Central University of Jammu	2023	National Conference on Recent Advances in Mathematics			
Engineering Applications of non-standard fuzzy Logic	Government College Simalwara, Dungarpur, Rajasthan	2020	One Week FDP (Online) On Recent Advances in Mathematical Sciences & Applications In Engineering			
An introduction from binary logic to fuzzy logic	BPS Mahila Vishwavidyalaya, Khanpur Kalan, Sonapat, Haryana	2020	Two Week Online Refresher Course in Mathematics			
Fuzzy Logic: A	BPS Mahila Vishwavidyalaya	2020	Two Week Refresher Course in online Course Development and Use of ICT in Teaching &			

realization of Binary to Multivalued Logic	, Khanpur Kalan, Sonipat, Haryana.		Research (ID)	
Fuzzy Information and Related Concepts in Modern Mathematics	BPS Mahila Vishwavidyalaya , Khanpur Kalan, Sonipat, Haryana	2023	Two Week Refresher Course on Mathematics in India: from Vedic era to modern Times	
Consultancy				
Title of Consultancy	Client Organization	Faculty Involved	Amount (INR)	Status
International & National Exposure				
Sr.No.	Title	Description		
Honors & Recognitions Achieved				
Sr.No.	Title	Activity	Given By	Year
Links				
LinkedIn	www.linkedin.com/in/surender-singh-689a3a15			
Research gate	https://www.researchgate.net/profile/Surender_Singh5			
Facebook				
Instagram	NA			

Sd/-
Dr. Surender Singh