

CURRICULUM VITAE

Dr. Surabhi Lingwal			
Designation	Assistant Professor		
Dept. Name	Computer Science & Engineering		
Address:	H. No-3/388, Nursery Road, Near Horticulture, Srinagar Garhwal, Uttarakhand, India		
Phone No.	7976352796		
Email	1.surabhi.lingwal@gmail.com	2. surabhilingwal@gbpiet.ac.in	
Subjects Taught	Theory of Computation, Compiler Design, Data Structure, Computer Graphics, Soft Computing, Data Mining, Machine Learning, Deep Learning		
Areas of Interest/Specialization	Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Information Retrieval		
Experience (in years)	Total	12	
	Industry	-	
	Teaching	10	
	Research	2	
- Working as an Assistant Professor in the Department of Computer Science & Engineering, Govind Ballabh Pant Institute of Engineering & Technology, Pauri Garhwal, India from 22nd April, 2019 to till date. - Teaching and Research experience in J. C. Bose University of Science & Technology, YMCA, Faridabad, Haryana, India from 21st August, 2017 to 20th April, 2019. - Worked as an Assistant Professor in SGT University, Gurgaon, India from 22nd Sept. 2016 to 19th August 2017. - Worked as an Assistant Professor in the Department of Computer Science & Engineering, National Institute of Technology, Hamirpur, Himanchal Pradesh, India from 12th August 2015 to 19th September 2016. - Worked as an Assistant Professor in the Department of Computer Science & Engineering, National Institute of Technology Uttarakhand, India from 1st July, 2013 to 31st May, 2014. - Worked as a Lecturer in Government Polytechnic Srinagar, Uttarakhand from August 2007 to May 2008.			
Educational Qualifications	UG	B.Tech CSE	
	PG	M.Tech CSE	
	Doctorate	Ph. D(Computer Engineering) Title: “Development of Analytical and Predictive	

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		techniques for Machine Learning”
	Any other	3 Years Diploma in Information Technology
Research Publications in Journals	• S. Lingwal, B. Gupta, “A Comparative Study Of Different Approaches For Improving Search Engine Performance”, <i>International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)</i>, 2012. • S. Lingwal, “Noise Reduction and Content Retrieval from Web Pages”, <i>International Journal of Computer Applications</i>, 73 (4), 2013. • S. Lingwal, K.K. Bhatia and M Singh, "Image-based wheat grain classification using convolutional neural network", <i>Multimedia tools and applications</i> 80 (28), 35441-35465, 2021. • S. Lingwal, K.K. Bhatia and M. Singh, "Info_PCA: A Hybrid Technique to Improve Accuracy by Dimensionality Reduction", <i>IT in Industry</i>, pages 1-9, vol. 9, 2021. • S. Lingwal, K.K. Bhatia and M. Singh, "Semantic segmentation of landcover for cropland mapping and area estimation using Machine Learning techniques", <i>Data Intelligence</i> 5 (2), 370-387, 2023. • S. Lingwal, K.K. Bhatia and M. Singh, "A Novel Machine Learning Approach for Rice Yield Estimation", <i>Journal of Experimental & Theoretical Artificial Intelligence</i>, 36(3), pp.337-356., 2024.	
Papers Published in Conference Proceedings	• S. Lingwal, B.Gupta, “A Text Mining Approach for Automatic Classification Of Web Pages”, <i>Proc. of the Second Intl. Conf. on Advances in Electronics, Electrical and Computer Engineering -- EEC 2013</i>. • S. Lingwal, B.Gupta, “Approach for Web Pages Noise Reduction and Content Retrieval”, <i>Proc. of International Conference on Control, Computing, Communication and Materials-2013, United Institute of Technology, Allahabad & Asian Institute of Technology, Bangkok ,In association with IEEE Joint Chapter of IE/PEL/CS under IEEE UP section</i>. • S. Lingwal, K.K. Bhatia and M. Singh, "Comparative Analysis of Machine Learning Techniques for Plant Disease Identification", <i>IEEE & Scopus International Virtual Conference on Integrated Intelligent Enable Networks & Computing (IINENC-2020)</i>, Uttarakhand, 2020, pp. 651-658. • S. Lingwal, K.K. Bhatia and M. Singh, "Deep Convolutional Neural Network approach for Tomato leaf disease Classification", <i>Springer Conference International conference on Machine Learning, Image Processing, Network security and Data Science (MIND-2021)</i>, NIT Raipur, 2021, pp. 199-208. • S Lingwal, JS Rauthan, B Negi, “Deep Learning for Health Care in Disease Identification: A Review”, <i>IEEE & Scopus International Virtual Conference on Integrated Intelligent Enable Networks & Computing (IINENC-2020)</i>, Uttarakhand, 2020. • JS Rauthan, S Lingwal, S Ghansela, B Negi, “Blockchain and the Digital Credentialing for Education System”, <i>IEEE & Scopus International Virtual Conference on Integrated Intelligent Enable Networks & Computing (IINENC-2020)</i>, Uttarakhand, 2020.	
Books Authored/Book Volume Chapters	• “Deep Learning in Mobile Device Sensors”. Book Title: Hybrid Optical Wireless Networks and Sensor Networks: Tools. Techniques and Trends (CRC Press).	

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	• “Medical Blockchain: A new way to regulate data on the block”. Book Title: IoT-Enabled healthcare systems (CRC Press).		
No. of Conferences	National	Attended	Organized
		-	-
	International	6	1
Research Guidance	Awarded	PG	Doctorate
		1	-
	Undergoing	-	-
Awards & Distinctions	• Qualified all Technical degrees with Honours. • UGC NET qualified for Assistant Professor in Computer Science & Applications • GATE Qualified.		
Administrative & Academic Assignments Handled	Coordinator of various Faculty development program and conferences, Dy, OiCs website & ERP, Member of Women Cell, Coordinator of first year Orientation Program in GBPIET, Uttarakhand, India		
Association with Professional Bodies	ISTE Membership		
Any other Achievements	✓ Reviewer of various peer-reviewed journals ✓ Session Chair in various International Conferences ✓ Delivered Expert lectures in various FDPs.		

Date: 23/07/2025

(Surabhi Lingwal)