Title	Dr.	First Name	**Surabhi**	Last Name	**Lingwal**	
Designation		Assistant Professor				
Dept. Name		Computer Science & Engineering				
Address:		H. No-3/388, Nursery Road, Near Horticulture, Srinagar Garhwal, Uttarakhand				
Phone No.		7976352796				
Email		1.surabhi.lingwal@gmail.com		2.		
Web Page (if any)						
Subjects Taught		Theory of Computation, Compiler Design, Data Structure, Computer Graphics, Soft Computing, Data Mining				
Areas of Interest/Specialization		Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Information Retrieval				

Experience (in years)	Total	9
	Industry	
	Teaching	7
	Research	2

Educational Qualifications	UG	B.Tech CSE
	PG	M.Tech CSE
	Doctorate	Ph. D(Computer Engineering)
	Any other	

Research Publications in Journals	
	• S. Lingwal, B. Gupta, "A Comparative Study Of Different Approaches For Improving Search Engine Performance", ***International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)***, October 2012. • S. Lingwal, "Noise Reduction and Content Retrieval from Web Pages", ***International Journal of Computer Applications***, July 2013. • S. Lingwal, K.K. Bhatia and M Singh, "Image-based wheat grain classification using convolutional neural network", ***Multimedia Tools and Applications***, 2021, pages 1-25, vol. 80. • S. Lingwal, K.K. Bhatia and M. Singh, "Info_PCA: A Hybrid Technique to Improve Accuracy by Dimensionality Reduction", ***IT in Industry***, 2021, pages 1-9, vol. 9. • S. Lingwal, K.K. Bhatia and M. Singh, "Semantic segmentation of landcover for cropland mapping and area estimation using Machine Learning techniques",

	Data Intelligence. • S. Lingwal, K.K. Bhatia and M. Singh, "A Novel Machine Learning Approach for Rice Yield Estimation", *Journal of Experimental & Theoretical Artificial Intelligence.*

Papers Published in Conference Proceedings	• S. Lingwal, B.Gupta, "A Text Mining Approach for Automatic Classification Of Web Pages*", Proc. of the Second Intl. Conf. on Advances in Electronics, Electrical and Computer Engineering -- EEC 2013.* • S. Lingwal, B.Gupta, "Approach for Web Pages Noise Reduction and Content Retrieval", *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.* • S. Lingwal, K.K. Bhatia and M. Singh, "Comparative Analysis of Machine Learning Techniques for Plant Disease Identification", *IEEE & Scopus International Virtual Conference on Integrated Intelligent Enable Networks & Computing(IIENC-2020)*, Uttarakhand, 2020, pp. 651-658. • S. Lingwal, K.K. Bhatia and M. Singh, "Deep Convolutional Neural Network approach for Tomato leaf disease Classification", *Springer Conference International conference on Machine Learning, Image Processing, Network security and Data Science(MIND-2021)*, NIT Raipur, 2021, pp. 199-208. • S Lingwal, JS Rauthan, B Negi, "Deep Learning for Health Care in Disease Identification: A Review", *IEEE & Scopus International Virtual Conference on Integrated Intelligent Enable Networks & Computing(IIENC-2020)*, Uttarakhand, 2020. • JS Rauthan, S Lingwal, S Ghansela, B Negi, "Blockchain and the Digital Credentialing for Education System", *IEEE & Scopus International Virtual Conference on Integrated Intelligent Enable Networks & Computing(IIENC-2020)*, 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).
	• "Medical Blockchain: A new way to regulate data on the block".
	  Book Title: IoT-Enabled healthcare systems (CRC Press).

No. of Conferences		Attended	Organized
	National		
	International	6	1

Research Guidance	Awarded	PG	Doctorate
	Undergoing		

Research Projects	Completed		
	Undergoing		

Awards & Distinctions	
Administrative Assignments Handled	Associate OIC website, GBPIET, Uttarakhand
Association with Professional Bodies	ISTE Membership
Any other Achievements	Session Chair in International Conferences.