


STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF UNIVERSITY WEBSITE

Title	Dr	First Name	Sartaj	Last Name	Sodhi	
Designation	Associate Professor					
School /Dept. Name	University School of Information, Communication & Technology					
Address:	Room No 413, Block- E, University School of Information, Communication & Technology, Sector 16 C, Dwarka.					
Phone No.	Office	011- 25302714				
	Residence	(optional)				
	Mobile	(optional)				
Email	1. sartaj@ipu.ac.in			2. sartajsodhi@yahoo.com		
Web Page (if any)						
Subjects Taught	<ul style="list-style-type: none"> • Computer Graphics, Computer Networks, Java Programming 					
Areas of Interest/ Specialization	<ul style="list-style-type: none"> • Neural Networks and its Applications 					
Experience (in years)	Total	24				
	Industry	7				
	Teaching	17				
	Research	5				
Educational Qualifications	UG	BTech (Electrical Engineering)				
	PG	MTech (Information Technology)				
	Doctorate	Neural Networks				
	Any other – Diploma in IPR					
Research Publications in Journals (last 5 years)	<ol style="list-style-type: none"> 1. Kumar, Anil, Ravinder Kumar, and Sartaj Singh Sodhi. " A Novel Privacy – Preserving Blockchain Based Secure Storage Framework for Electronic Health Records ", Journal of Information and Optimization Sciences (2022) 2. Kumar, Arvind, and Sartaj Singh Sodhi. "Effect of Hidden Neuron size on different training algorithm in Neural Network". Communications in Mathematics and Applications (2022) 3. Kumar, Arvind, and Sartaj Singh Sodhi. "Neural network with NewSigmoid activation 					

	function." <i>Journal of Intelligent & Fuzzy Systems</i> (2021) Preprint: 1- 15			
	4. Kumar, Anil, Ravinder Kumar, and Sartaj Singh Sodhi. "Intelligent privacy preservation electronic health record framework using soft computing." <i>Journal of Information and Optimization Sciences</i> 41.7 (2020): 1615-1632.			
	5. Mishra, Akash, et al. "Bi-modal derivative adaptive activation function sigmoidal feedforward artificial neural networks." <i>Applied Soft Computing</i> 61 (2017): 983-994.			
Papers Published in Conference Proceedings(last 5 years)	1.Kumar, Arvind, and Sartaj Singh Sodhi. "Comparative Analysis of Fuzzy C-Means and K-Means Clustering in the Case of Image Segmentation." <i>2021 8th International Conference on Computing for Sustainable Global Development (INDIACom)</i> . IEEE, 2021.			
	2. Kumar, Arvind, and Sartaj Singh Sodhi." Effects of Different Normalization Techniques on the Convolutional Neural Network" <i>2021 8th International Conference on Computing for Sustainable Global Development (INDIACom)</i> . IEEE, 2021.			
	3.Kumar, Arvind, and Sartaj Singh Sodhi. "Comparative analysis of gaussian filter, median filter and denoise autoencoder." <i>2020 7th International Conference on Computing for Sustainable Global Development (INDIACom)</i> . IEEE, 2020.			
	4. Kumar, Anil, Ravinder Kumar, and Sartaj Singh Sodhi. "Privacy –Preservation of vertically Partitioned of Electronic Health Record using perturbation methods". 2019 6th International Conference on Computing for Sustainable Global Development (INDIACom), IEEE, 2019.			
Books Authored/ BookVolume Chapters	•			
No. of Conferences	National	Attended	Organized	
	International			
Research Guidance	Awarded	PG	M. Phil	Doctorate
		15		
	Undergoing	1		2
Research Projects	Completed			
	Undergoing			
Awards & Distinctions				
Administrative Assignments Handled	In-charge, Practical Committee, Member AICTE Coordination Committee			
Association with Professional Bodies	IEEE			
Any other Achievements				