

Research Paper Published in Journals (2009-14)

	Year	No.	Sl. No. (year wise)	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN	Impact Factor, if any
FACULTY OF TECHNOLOGY									
COMPUTER SCIENCE	2009-10	09	1.	Development of spectral signature and classification of sugarcane using ASTES Data	Kumar Vikesh, Kumar Vinod, Jain Kamal	in International Journal of Computer Science & Communication	Vol.1, pp. 245-251		
			2.	Design and Analysis of New Searching Algorithm	Sanjeev Kumar Sharma, S.C. Agarwal, and V.K. Sharma “	Journal of Information Technology, Pragyan,	Vol 6, pp 58-66.		
			3.	Geospatial Database Organization and Spatial Decision Analysis for Biodiversity Databases in Web GIS Environment’	Harish Karnatak, Sameer Saran, Karamjit Bhatia & P. S. Roy,	Geocarto International, 99999: 1, Taylor & Francis Publication, UK	Vol. 24, pp. 1-21, , pp. 1-21, DOI 10.1080/10106040802677045	ISSN: 1752-0762 (online)1010-6049 (print).	
			4.	Edge Detection in Noisy Image Using	Karamjit-Bhatia, Ashish Mehta &	The Reflections des Era-Journal of	Vol. 4, Issue 1, pp. 11-18,	ISSN 0973-4597.	
				Fuzzy Pre- filter : A Comparative Study	Vinay Saxena,	Mathematical Sciences,			
			5.	Performance Evaluation of ATM Queue with Discretionary Priority Jumps	A. K. Pal, K. Bhatia, Anu Chaudhary	International Journal of Computational Intelligence and Bioinformatics,	Vol. 1, Number 1, pp. 11-21,	ISSN 0974-8695.	
			6.	Performance Analysis of High Speed Data Networks Using Priority Discipline	K. Bhatia, A. K. Pal, Anu Chaudhary,	BVICAM’s International Journal of Information Technology,	Vol. 1,No. 2,pp. 57- 61	ISSN : 0973-5658.	
			7.	Quality Estimation Analysis of High Speed Networks with Controllable Arrivals	K.Bhatia, A. K. Pal, Anu Chaudhary,	The Reflections des Era-Journal of Mathematical Sciences,	Vol. 4, Issue 3, pp. 221-242,	ISSN 0973-4597.	
			8.	Threats and Vulnerabilities in Wireless Mesh Networks,”	M S Aswal, Paramjeet Rawat, Tarun Kumar,	International Journal of Recent Trends in Engineering [ISSN:	Finland, Vol 2 No. 4, pp.155-158.		

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					1797-9617], Academy Publishers			
		9.	Comparative Performance Analysis of Load- Balanced Clustering in Wireless Sensor Networks (WSNs)	Raj Kumar and Sharad Goyal	In Pragyan : Journal of Information Technology	Vol.8, No.1, pp. 10-16,	ISSN No.: 0974-5513. (Published)	
2010-11	13	1.	Vegetation classification using Hyperion Data Unmixing Algorithm	Kumar Vikesh, Kumar Vinod, Jain Kamal	in Journal of Science, Technology and Management (Communicated)			
		2.	Discrimination of various Sugarcane varieties using Hyperspectral Data/EO-Hyperion	Kumar Vikesh, Kumar Vinod, Jain Kamal	Oriental Journal of Computer Science 7 Technology(Communicated)			
		3.	Review of Rice Crop Identification and Classification Using Hyperspectral Image Processing System	Shwetank, Kamal Jain, K. J. Bhatia,	International Journal of Computer Science & Communication,	Vol. 1, No. 1, pp. 253-258	ISSN 0973-7391	
		4.	Development of Digital Spectral Library and Classification of Rice Crop Using Compressed ASTER L1 B Satellite Data	Shwetank, Kamal Jain & K. J. Bhatia,	Oriental Journal of Computer Science and Technology	Volume 3, No. 1, pp. 13-20,	ISSN: 0974-6471.	
		5.	Reliability Evaluation of Distributed System Based on Failure Data Analysis	K. Yadav, K. Bhatia, Sagar Gulati	International Journal of Computer Engineering,	Vol.2,Number 1, pp. 113-118	ISSN: 0975-6116	
		6.	Adapting MAC 802.11 for Performance Optimization of Manet Using Cross Layer Interaction	Gaurav Bhatia and Vivek Kumar, “	International Journal of Wireless & Mobile Networks,	Vol. 2, No.4, pp. 31-42.		

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			7.	Stratagems to perk up the Up*/Down	Lalit Kishore, Raj Kumar,	IMS-MANTHAN an International	Volume 5- Issue 2, page 53-58		
			8.	Routing Scheme Optimizing Up*/Down* Routing By Minimal Paths	Lalit Kishore, Raj Kumar	International Journal of Computer Applications Journal,ISSN-0974-7141 (Print) ISSN-0976-1713 (Online)	Volume 5– No.1, page 17-20		
			9.	Performance Evaluation on the Basis of Energy in NoCs	Lalit Kishore, Raj Kumar	International Journal of Innovative Technology and Creative Engineering (IJITCE)	Vol-02, Feb	ISSN:(Online) 2045-8711, (Print) 2045-869X, No-01	
			10.	An Integrated Security Framework for hybrid wireless mesh network	M S Aswal, Paramjeet Rawat	International Journal of Computer Science & Engineering	Vol.2, No. 4, , pp.1136-1141		
			11.	Comparative study of three declarative knowledge representation techniques	Poonam Tanwar, T V Prasad, M S Aswal	International Journal on Computer Science and Engineering(IJCSE)	Vol. 02, No. 07, , 2274-2281		
			12.	Review of Rice Crop Identification and Classification Using Hyperspectral Image Processing System	Shwetank, Kamal Jain, K. J. Bhatia,	International Journal of Computer Science & Communication,	Vol. 1, No. 1, 2010, pp. 253- 258,	ISSN 0973-7391.	
			13.	Development of Digital Spectral Library and Classification of Rice Crop Using Compressed ASTER L1 B Satellite Data”	Shwetank, Kamal Jain & K. J. Bhatia, 2010,	Oriental Journal of Computer Science and Technology,	Volume 3, No. 1, pp. 13-20,	ISSN: 0974-6471.	
	2011-12	16	1.	Role of Multiple Encryption in Secure Electronic Transaction”	Himanshu Gupta and Vinod Kumar,	International Journal of Network Security & Its Application (IJNSA) of Academy & Industry Research Collaboration			

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					Center (AIRCC), Australia			
		2.	Assessment of Image Classifications Using Compressed Multispectral Satellite Data (MSD)	Shwetank, Karamjit Bhatia & Kamal Jain,	International Journal of Engineering Sciences			
		3.	Design and Simulation of a Reliable Distributed System Based on Fault Tree Analysis	Bhatia K., Yadav P. K., Sagar Gulati,	International Journal of Advanced Computer and Mathematical Sciences			
		4.	“Development of Digital Spectral Library and Supervised Classification of Rice Crop Varieties Using Hyperspectral Image Processing”,	Shwetank, Kamal Jain & K.J. Bhatia,	Asian Journal of Geoinformatics,			
		5.	Reliability driven Soft Real-time Fuzzy Task Scheduling in Distributed Computing Environment	Yadav P. K., Bhatia K., Sagar Gulati,	Advances in Intelligent and Soft Computing			
		6.	Design and Development of Secured Routing Scheme for Wireless Sensor Networks	Tushar Agarwal, Raj Kumar, Hitesh Rajvansi, Sohan Garg	International Journal of Engineering Research and applications (IJERA)			
		7.	Identification of Multidimensional Relationship among Item Sets using Association Rules, International Journal of Computer Applications (IJCA)	Mamta, Shwetank Arya and R. P. Agarwal	Published by Foundation of Computer Science, New York, USA			
		8.	A Review of Devnagari Character Recognition from	Neeraj Pratap and Shwetank Arya, ,	International Journal of Computer Science and			

Year	No.	Sl. No. (year wise)	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN	Impact Factor, if any
			Past to Future		Telecommunications			
		9.	A Novel Rule based Data Mining Mechanism for Identification of Mutual Relationship among Item Sets	Mamta, Shwetank Arya and R. P. Agarwal	International Journal of Computer Applications (IJCA)Published by Foundation of Comp Science, New York, USA, Volume			
		10.	Development of Digital Spectral Library and Supervised Classification of Rice Crop Varieties Using Hyperspectral Image Processing	Shwetank, Kamal Jain and Karamjit Bhatia	, Asian Journal of Geoinformatics,			
		11.	Data Mining Technique for Agriculture and Related Areas	Mamta Rajshree, Shwetank Arya, and R. P. Agarwal	International Journal of Advanced Research in Computer Science			
		12.	Role of Data Mining in Minimizing Socio-Economic Risk Factors (SERF) Affecting Agriculture	Mamta Rajshree and Shwetank Arya, ,	International Journal of Advanced Research in Computer Science			
		13.	Assessment of Image Classifications Using Compressed Multispectral Satellite Data (MSD)	Shwetank, Kamal Jain and K. J. Bhatia,	International Journal of Engineering Science			
		14.	ART1 Neural Networks for Air Space Sectoring	Krishan Kumar	International Journal of Computer Applications			
		15.	3D Face Recognition Based On Extracting PCA Methods	Sushil Gangwar, Krishan Kumar,”	International Journal of Engineering Research and Applications (IJERA)			

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		16.	Mobile Ad Hoc Networks: A detailed Survey of QoS Routing Protocols	Sanjeev Gangwar, Krishan Kumar,	International Journal of Distributed and Parallel Systems (IJDPS)			
2012-13	06	1.	A Reliability Model for the Task Scheduling in Distributed System based on Fuzzy Theory”	Sagar Gulati, P. K. Yadav, K. Bhatia,	CiiT International Journal of Networking and Communication Engineering,	Vol. 4, No. 11, pp. 684-688,	ISSN 0974-9713, E-ISSN 0974-9616.	
		2.	Simulation and Analysis of Packet loss in Mesh Interconnection Network with Source Routing	Lalit Kishore, Raj Kumar,	International Journal of Advanced Research in Computer Science and Software Engineering,	Volume 2, Issue 6,	ISSN: 2277 128X,	
		3.	Perspective of WSNs Simulators”, Int. Journal of Information Engineering (IJIE),	Raj Kumar and Sharad Goyal,		Vol. 3, Issue 2, pp. 37-44,	ISSN No.: 2225-8442 (Print);ISSN No.:2226-7921	
		4.	Topology Analysis in Wireless Sensor Networks	Sharad Goyal and Raj Kumar,	USSTC: 7th Uttarakhand State Science and Technology Congress,	2012. (Published) (www.ucost.in)		
		5.	WSNs: Comparison Study of Existing Routing Protocols	Tushar Agarwal, Raj Kumar, Pramod Sharma, Sohan Garg,	International Journal of Multidispl. Research & Adves. In Engg. (IJMRAE)	Vol. 4, No. III, pp. 153- 165,	(ISSN: 0975-7074).	
		6.	Design & Development of an Effective Routing Technique for Wireless Sensor Networks	Tushar Agarwal, Raj Kumar, Pramod Sharma, Sohan Garg	International Journal of Advanced Research in Computer Scuience and Software Engineering (IJARCSSE),	Vol. 2, Issue 4, pp. 373- 376,		
2013-14	04	1.	An Effective Load Balancing Task Allocation Algorithm using Task Clustering	Poornima Bhardwaj and Vinod Kumar	International Journal of Computer Applications	77(7), 2013, pp. 32-39	ISSN 0975-8887	

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			2.	Authentication Schemes for Open Distributed Network: A Classification	Deepak Kumar and Vinod Kumar	International Journal of Computer Application	Vol. 75, No. 14, pp. 24-29,	ISSN 0975-8887,	Impact Factor 0.821.
			3.	CTCP: A Cross Layer Information Based TCP for MANET	Gaurav Bhatia and Vivek Kumar	International Journal of Ad hoc, Sensor and Ubiquitous Computing	Feb. 2014 Vol. 5, no. 1, pp. 1-12	ISSN :0976-2205	
			4.	Face Recognition Techniques: A Review,	Neeraj, Rajesh and Dr. Shwetank,	International Journal for Science and Emerging, Technologies with Latest Trends,	Volume 10 (1), pp 1-6.	ISSN: (Print): 2277-8136, ISSN (Online): 2250-3641.	