

Research Paper Published in Journals (2009-14)

Department	Year	No.	Sl. No.	Title	Author(s)	Journal	Vol. & Page Nos.	ISSN	Impact Factor, if any
FACULTY OF ENGINEERING & TECHNOLOGY									
COMPUTER SCIENCE & ENGINEERING	2009-10	2	1	Simulation & Comparison Of Co channel Interference Ratio For Different Kind	Mukesh Chand	Graphic Era University Journal	volume 1 Number2	ISSN 0975-1416.	
			2	Simulation Study for Performance Comparison of Routing Protocols In Mobile Adhoc Network	Mukesh Chand	International Journal of World Academy Of Science Engineering and Technology	issue no-70,	pISSN 2010-376X, eISSN 2010-3778.	
	2010-11	6	1	Simulation of static mobile agent model to prevent denial of service attack using CPNs	Mayank Aggarwal	International Journal on Recent Trends in Engineering & Technology	Vol 5, No. 01,pp 127-132	2158-5555	
			2	Simulation of dynamic mobile agent model to prevent denial of service attack using CPNs	Mayank Aggarwal	International journal of computer applications	Vol. 20, No. 01, pp 19-24	0975-8887	0.85
			4	Fusion of fingerprint and face by using DWT and SIFT	Shekhar Karanwal,	International journal of computer applications	Vol.2, 33-36	0975-8887	0.85
			5	Results evaluation of max rule, min rule and product rule in score fusion multibiometric systems	Shekhar Karanwal,	International journal of computer science & engineering	Vol.2, 1415-1418	0975-3397	.58
			6	Sanskrit a programming language	Suyash Bhardwaj	Journal of Natural and Physical Sciences	volume 24, No 1, 2011 pp 83-87	ISSN – 097-3799	
	2011-12	9	1	Hierarchal Object Oriented Fault Tolerant Secured and Atomic Mobile Agent Model	Mayank Aggarwal	International Journal of Computer Science Issues (IJCSI)	Volume 8, Issue 6, pp. (241-245).		
			2	A Novel approach for optimization in Mathematical calculations using Vedic Mathematics	Suyash Bhardwaj	Mathematical Journal of Interdisciplinary Sciences	Vol. 1, Issue 1, July 2012, pp. 23-34.	E-ISSN – 2278-957X P-ISSN – 2278-9561	

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				Techniques					
			3	Merging independent mobile adhoc networks-A new methodology for autoconfiguration of IP addresses	Mukesh Chand	International Journal of Engineering and Technology (IJET)	VOLUME 5 Issue 1	e-ISSN: 0975-4024 (online version), p-ISSN: 2319-8613 (online version)	0.73
			4	Partition and its effect in Mobile Adhoc Network: Performance analysis on Packet dropped & Route error sent	Mukesh Chand	International Journal of Scientific & Engineering Research	Volume 3, Issue 8, August 2012	2229-5518	1.4
			5	Merging of independent MANETs- RCF process model: Check the performance Delay and throughput of server when IP Address conflict Occurs	Mukesh Chand	International Journal of Scientific & Engineering Research	Volume 3, Issue 4, April 2012	2229-5518	1.4
			6	A Proposed process Model for removing IP Address Conflicts when different MANETs merge: Check the performance of the server when Address conflict Occurs	Mukesh Chand	International Journal of Electronics Communication and Computer Engineering (IJECCE)	Volume 3,172-175	2249 - 071X	1.0
			7	Artificial Neural Network Applications in Air Quality Monitoring And Management	Nishant Kumar	International Journal for Environmental Rehabilitation and Conservation	Volume II No. I 2011 [30-64]	[ISSN 0975-6272]	
			8	Computer Science and Sakaratmak Chintan	Nishant Kumar	Gurukula Shodh Bharti	(p211-213)	0974-8830	
			9	Mobile Agent Model for IT in Education System	Dr.Mayank Aggarwal	J.N.P.S (Proceedings of IAES -Nov, 2011)	Vol. 24, No. 1, pp 69-75(2011)	ISSN 097-3799	

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	2012-13	6	1	Hierarchal Secured Fault Tolerant Approach for Mobile Agent: Using Petrinets	Mayank Aggarwal	Journal of Information Systems and Communication (Bio Info Publications)	Vol. 3, Issue 1, 2012 pp 170-173.	ISSN:0976-8742.		
			2	Security Approaches for Mobile Multi- Agent System	Suyash Bhardwaj	Journal of Emerging Technology & Advanced Engineering (IJETAE)	Volume 2, Issue 12, December 2012	ISSN – 2250- 2459, ISO 9001: 2008 Certificated		
			3	A survey of E- Business Security for Mobile Multi- Agent Environment	Suyash Bhardwaj	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Vol 1, Issue 2, Dec-2012	ISSN – 2319-5940		
			4	Analysis of security approaches of mobile agents in adhoc Network	Suyash Bhardwaj	International Journal of Engineering & Science Research (IJESR)	Special Issue ASCOT- 2012, October 6-7, 2012 pp. 43-49,	ISSN – 2277-2685		
			5	Partition in mobile adhoc network with mobility-A new approach for effective use of fast IP address autoconfiguration	Mukesh Chand	International Journal of Engineering and Technology (IJET)	Volume 4 Issue 6 December 2012- January 2013, page 419-426	e-ISSN: 0975-4024 (online version), p-ISSN: 2319-8613 (online version)	0.73	
			6	Merging independent mobile adhoc networks-A new methodology for autoconfiguration of IP addresses	Mukesh Chand	International Journal of Engineering and Technology (IJET)	Vol. 5 Issue 1, p20 Feb/Mar 2013,	e-ISSN: 0975-4024 (online version),p-ISSN: 2319-8613		
	2013-2014	9	1	Introduction of Cloud Computing and Survey of Simulation Software for Cloud	Mayank Aggarwal	International Journal Research Journal Of Science & IT Management,.	Vol 2, No. 12, Oct, 13, pp 15-23	ISSN : 2251-1563.		
				2	A Novel Technique of	Suyash Bhardwaj	International Journal	Vol 03, Number 9,	ISSN -	

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				Securing Mobile Adhoc Networks Using Shared Trust Model		of information & Computation Technology (IJCT)	2013 pp 909- 916	0974-2239.	
			3	Secure and reliable multimodal biometric systems using two and three biometric traits	Shekhar Karanwal	IJARCSSE	Vol.3, 438-442	2277 128X	2.080
			4	An efficient algorithm for conflict free address auto configuration in self configurable networks	Mukesh Chand	Research Journal of Applied Sciences, Engineering and Technology	May,2014	ISSN (Print): 2040-7459, ISSN (Online): 2040-7467	1.5
			5	Self Securing Mobile Adhoc Networks using Mobile Intrusion Detection System	Suyash Bhardwaj	Interdisciplinary International Journal (IIJ)	Vol 02, supplement 01, July 2013, pp 60-67,	ISSN – 2279-0578.	
			6	Energy Efficient Computing : A Green Approach	Suyash Bhardwaj	VSRD International Journal of Computer Science and Information Technology (IJCSIT)	Vol 03, Issue 01, Jan 2013, pp 19-22,	E-ISSN 2231-2471, P-ISSN 2319-2224.	
			7	Bio Inspired, Reputation and trust model in WSN	Namit Khanduja & Agam Goyal	International Journal Computer Technology & Applications	Vol 4 issue 4, pp 572-575	2229-6093	2.015
			8	Target Management Protocol for Wireless Sensor Network	Musheer Vaqur, Namit Khanduja and Sunil Ghildiyal	International Journal of Advanced Research in Computer Science and Software Engineering	Vol 4 Issue 1	2277 128X	2.080
			9	Virtualization: A concept implementation for Cloud	Dr.Mayank Aggarwal & Nishant Kumar	IJETR.	Vol 2 , Issue 3, March, 2014, pp 52-55.	ISSN : 2321-0869	
	2009-10	02	1	Design And Simulation Of A Low Actuation Voltage Wideband RF	Vipul Sharma, Tanuj Garg	Journal Of Natural And Physical Sciences	Vol. 23(1-2), 2009., Pp.85-89.	ISSN 097-3799	

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COMMUNICATION ELECTRONICS & ENGINEERING				MEMS Switch On HFSS					
			2	Matlab Simulink Implementation Of MUSIC Algorithm For DOA Estimation Of Smart Antenna	Vipul Sharma, etal	Invertis Journal Of Science & Technology	Vol.2, No.2, April-June, 2009, Pp.108-114.	ISSN-093-8940	
	2010-11	6	1	Performance Analysis Of Different Filters For Power Line Interface Reduction In ECG Signal	Gorav Kumar Malik	International Journal Of Computer Applications	3(7):1-6, June 2010	0975-8887	.5
			2	Nonlinear Device Modelling Using R B F Neural Network	Vipul Sharma, etal	Journal Of Cooperation Among University, Research And Industrial Enterprises	Vol.3, Issue 1, April 2010, Pp.34-40	0974-1305	
			3	A Microstrip Metamaterial Split Ring Resonator	Vipul Sharma, Tanuj Garg	Int J Physical Sciences	Vol 6(4), Pp. 660-663, February, 2011	1992-1950	0.554
			4	An Application Of FDTD Using Quadratic Extrapolation	Vipul Sharma, Tanuj Garg	Journal Of Electrical And Electronics Engineering Research, JEEER,	Vol 2(3), Pp. 68-74, May 2010	2141-2367	
			5	A Metamaterial Inspired High Gain Multiband Antenna	Vipul Sharma, Tanuj Garg	International Journal Of Emerging Microwave And Optical Technology	Vol 1 (1) , Pp 1-5, January, 2011		
			6	Simulation Of Power Electronic Wave Form Of Single Phase Full Converter Using MATLAB/SIMULINK And ANN	Vipul Sharma, etal	International Journal Of Recent Trends In Engineering,	IJRTE, Vol. 3, No. 2, Pp 71-76, August 2010	1797-9617	
	2011-12	09	1	BER Simulation Of OFDM Signal Under AWGN And Rayleigh Fading Environment	Gorav Kumar Malik, Vivek Kumar	Journal Of Natural & Physical Sciences	Vol. 24, No.1, Pp.41-46 (2011) April-2011	ISSN 097-3799	
			2	Filtered X-Affine	Vivek Kumar	Journal Of Physical	Vol-24,	ISSN	

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				Projection Algorithm In Active Noise Control		And Natural Science	Pp.17-20	097-3799	
			3	Antenna Miniaturization Using Sr : A Step By Step Investigation	Vipul Sharma etal	Journal Of Instrumentation Society Of India (Iisc Journal)	Vol. 41 (4), Pp. 251-254, Dec 2011	0970-9983	
			4	A microstrip metamaterial split ring resonator	Vipul Sharma, tanuj garg	Journal Of Physical And Natural Science	Vol 6 , no.4 jan 12, 2011	ISSN 1992-1950	
			5	Metamaterials Inspired Miniaturized Phi-Shaped Antenna High Gain Antenna For Skin Cancer Detection	Vipul Sharma	Scientific Research & Essays	Vol. 6 (30), Pp. 6346-6349, Dec, 2011	1992-2248	0.34
			6	A Metamaterial Inspired Phi-Shaped Antenna	Vipul Sharma, Tanuj Garg	Int J Physical Sciences,	Vol 6(18), Pp. 4378-4381, September, 2011	1992-1950	1.1
			7	Experimental Characterization Of Optical Fiber Long Period Grating With Reduced Temperature Sensitivity	Vipul Sharma etal	International Journal Of Computer And Electrical Engineering,	Vol. 3, No. 5, October 2011, Pp.711-713	1793-8163	
			8	Throughput Improvement Of Cognitive Radio Network Using Orthogonal Frequency Division Multiplexing	Anuj Kumar Sharma, Vipul Sharma	International Journal Of Advances In Engineering Sciences	Vol.1, Issue 3, July, 2011, Pp.15-18	2231-0347	
			9	Adaptive Modulation Techniques For Improving Bit Error Rate Performance Of Cognitive Radio Network”;	Anuj Kumar Sharma, Vipul Sharma, Shiv Kumar Singh	International Journal Of Mobile And Ad Hoc Networks (IJMAN)	Pp-329-333, Vol.1, Issue 3,	ISSN (Online) 2231:6825 , ISSN (Print)2249–202x	
	2012-	5	1	Performance Evaluation	S. K. Singh	International Journal	Vol. 4, No. 4, Pp.	1793-8201	

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	13			Of LDPC And Turbocoded OFDM System In Nakagami-M Fading		Of Computer Theory And Engineering	523-526, 2012		
			2	Resource Allocation In Cognitive Radio Network Using Dirty Paper Coding	Anuj Kumar Sharma ,Shiv Kumar Singh	IJCA Proceedings On National Conference On Future Aspects Of Artificial Intelligence In Industrial Automation 2012 NCFAAIIA(2)	28-30, May 2012. Published By Foundation Of Computer Science,	0975-8887	
			3	Bacterial Foraging Optimized Finite Difference Time Domain Method	Vipul Sharma, Tanuj Garg	IJCA Proceedings On National Conference On Future Aspects Of Artificial Intelligence In Industrial Automation (Ncfaaiia 2012)	May 20, 2012	0975-8887	
			4	A Review Of Bacterial Foraging Optimization And Its Applications	Vipul Sharma, Tanuj Garg	IJCA Proceedings On National Conference On Future Aspects Of Artificial Intelligence In Industrial Automation (NCFAAIIA 2012), May 20, 2012	May 20, 2012	0975-8887	
			5	A Microwave Rectangular Waveguide To Microstrip Line Transtion @ 30 Ghz	Atul Kumar Varshny	International Journal Of Emerging Technology And Advanced Engineering	Vol -3 Aug 26, 2013	ISSN; 2250-2459	
	2013-14	5	1	A Microwave Rectangular Waveguide To Microstrip Line Transtion @ 30 Ghz	Atul Kumar Varshny	International Journal Of Emerging Technology And Advanced Engineering	Vol -3 Aug 26, 2013	ISSN; 2250-2459	
			2	A Tuneable Metamaterial	Tanuj Garg, etal	Int J Physical	Vol 8(37), Pp.	1992-1950	0.5

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				Design Using Microelectronical System(MEMS) Based Split Ring Resonator (SRR)		Sciences,	1857-1861, Dec, 2013		
			3	Metamaterial for microwave applications :A selective survey	Vipul Sharma, etal	Int J Physical Sciences,	Accepted for coming issue	1992-1950	0.5
			4	Frequency reconfigurable metamaterial inspired high gain antenna	Tanuj Garg, Vipul Sharma	International journal of Enhanced Research in Science Technology &Engineering	vol 3, Issue 3,march 2014 pp 202-206	2319-7463	
			5	A tunable square shaped split ring resonator using microelectromechanical (MEMS) switch	Tanuj Garg, Vipul Sharma	International journal of applied engineering research (IJAER)		0973-4562	0.00
MATHEMATICS	2009-10	1	1	Quasi Principally Injective Modules	Manoj Kumar Patel	International Journal of Algebra	Vol. 4, No. 26, 1255 - 1259, 2010		
	2010-11	1	1	A New Approach for Generating Parametric Orthogonal Wavelets	Lokesh Kumar Joshi	Journal of Wavelet Theory and Applications	Volume 4, Number 1 (2010), pp. 1-8	0973-6336	
	2011-12	4	1	MODWT Based Time Scale Decomposition Analysis of BSE and NSE Indexes Financial Time Series	Lokesh Kumar Joshi	Int. Journal of Math. Analysis	Vol. 5, 2011, no. 27, 1343 – 1352		
			2	.M-SP Projective Modules,	M. K. Patel M. K. Patel	International J. Algebra	Vol. 5, No. 12 , 563-568, 2011.		
			3	M-SP-Injective Modules,		Asian-European Journal of Mathematics,	Vol. 5, No.1, pages 1-11, 2012 (World Scientific).		
			4	C-pseudo injective Modules,	M. K. Patel	East–West Journal of Mathematics	Vol. 14, No 1(2012) pp. 68-76.		

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	2012-13	1	1	M-SP-Injective Modules	Manoj Kumar Patel	Asian European Journal of Mathematics (World Scientific)			
	2013-14	2	1	Unsteady Transient free Convective Flow of an Compressible Viscous Fluid Under Influence of Uniform Transverse Magnetic Field	Rudraman	International Journal of Mathematical Computation Science and Engineering, World Academy of Science Engineering & Technology			
			2	Coinage	Vivek Goel	International Journal of Engineering and Management Research	Volume-4, Issue-2, April-2014, ISSN No.: 2250-0758 PP 62-69	Vol. 7, November 11, 2013, page 108-111	
APPLIED CHEMISTRY	2009-2010	05	1.	Kinetics and mechanism of periodate oxidation of o-anisidine in acetone-water medium	R. D. Kaushik, Rajdeep Malik and Ajay Kumar,	J. Indian Chem. Soc.	Vol.87 pp.317-323	0019-4522	.382
			2.	Spectrophotometric study of kinetics and mechanism of oxidation of o-ethoxyaniline by periodate ion	R.D. Kaushik, Dharmendra Kumar, Ajay Kumar and Rajdeep malik	Asian J. Chem.	Vol. 22(3) pp.2155-2164	0970-7077	.213
			3.	Kinetics and mechanism of oxidation of m-anisidine by periodate ion	R.D. Kaushik, Rajdeep malik, Manila and Ajay Kumar	Asian J. Chem.	Vol. 22(3) pp.2090-2098	0970-7077	.213
			4.	Manganese (II) catalysed oxidation of 2, 4-xylidine by periodate- A kinetic mechanistic study	R. D. Kaushik, Dharmendra Kumar, Anuj Kumar and Ajay Kumar,	J. Indian Chem. Soc.	Vol. 87, pp. 811-816	I 0019-4522	.382
			5.	Manganese (II) catalysed periodate oxidation of p-toluidine- A kinetic-mechanistic study	Rajneesh D. Kaushik, Ajay Kumar, Tarun Kumar and Prabha Singh	Reaction Kinetics Mechanism & Catalysis	101: 13-23	1878-5190 (print) 1878-5204 (online)	

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	2011-2012	2	1	Elemental Profile of Traditional some Important Medicinal plants of Uttarakhand State, India	M.M.Tiwari	Reports & OpinianNew YorkUSA	2010,2(6)p. 34-35	ISSN 1553-9873	0.2334
			2	In-vitro Antibacterial activity of Anacylus Pyrethrum and Jasminum Grandiflorum L	M.M.Tiwari	J. Indian Bot. Soc.	Vol.89(3&4)2010P. 412-14	0019-4468	0.234
	2013-2014	6	1.	Chemical composition and biological activities of key constituents of essential oil from the rhizomes of Kaempferia galanga L.”	Ajay Kumar	Int. J. Pharm. Bio Sci.,	5(1): 225-231	0975-6299	0.67
			2.	GC/MS Analysis of Essential Oil Isolated from the Roots of Cymbopogon Winterianus Jowitt”	Ajay Kumar, Abha Shukla	J. Chem. & Cheml. Sci.,	4 (1): 35-41	2229-760X (print)2319-7625 (online)	IC Value: 5.09
			3.	A kinetic-spectrophotometric study of Mn ^{II} catalyzed oxidation of N, N-dimethylaniline by periodate ion	Ajay Kumar	Der Chemica Sinica	5 (1): 39-46	0976 – 8505	
			4.	Synthesis of some N-(substituted benzylidino)-phenyl –2-oxo-4-amino quinoliny-1-(4’-benzoic acid)hydrazides as potent antiviral agents.	M.M.Tiwari	Journal of Chemistry in Asia	4(4),53-59	0975-9468	-
			5.	Selective Study on Pathological Uses of Organotellurium and	M.M.Tiwari, Rakhi Sharma	Indian J. Of Science	Vol. 9 (21),2014 ,P. 6-7	ISSN2319-7730	-

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				Organoselenium Compounds- a Review					
			6.	Kinetic-Spectrophotometric Determination of Mn ²⁺ in nanograms Based on its Catalytic effect on periodate Oxidation of 2-Amino-m-Xylene	R. D. Kaushik, Rajdeep Malik, M. M. Tiwari, Jaspal Singh & Prabha Singh	Research J. of Pharmaceutical, Biological and Chemical Sciences	Vol.5(3),2014, P.1964-1971	ISSN: 0975-8585	0.35
MECHANICAL ENGINEERING	2009-10	2	1	APQP- A LADDER TO SUCCESS	Kapil Mittal	SCMS Journal of Indian Management	Vol 7 No 4 2010 pp 87-92	0973-3167	
			2	APQP- A Management Tool	Kapil Mittal	Ishan Management Stream	Vol 1 No 11 2010 pp-05-07	0972-1150	
	2010-11	2	1	Leveraging APQP Methodology to drive improvement in SME: A Case Study	Kapil Mittal	International Journal of Contemporary Practices	Vol 1 issue 1 2011 pp 04-16	2231-5608	
			2	Quality Function Deployment – A Way to Total Quality	Kapil Mittal	Yamuna Journal of Business Management and Technology	Vol 1 No 1 2011 pp 28-32	2250-3072	
	2011-12	4	1	A Case Study – Application of Six Sigma Methodology in a Small and Medium-sized Manufacturing Enterprise	Kapil Mittal	The TQM Journal	Vol 24 No 1, 2012 pp 38-51	1754-2731	
			2	Evidence of APQP in quality improvement: A case study of SME” International Journal of Management Science and Engineering Management	Kapil Mittal	International Journal of Management Science and Engineering Management	Vol 7 No 1, 2012, pp 20-28	1750-9653	
			3	A Metallurgical Investigation of Micro Structure of the Weld Bead in Submerged Arc Welding	Kapil Mittal	Journal of Metallurgy and Material Science	Vol 54 No. 4 Oct-Dec 2012 PP 311-320	ISSN-09724257	

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			4	Maintenance Optimization: Some Tools & Techniques	Kapil Mittal	Yamuna Journal of Business Management and Technology	Vol 1 No 2 2011 pp 05-08	2250-3072	
PHYSICS	2013-14	1	1	Electric field and Heat Induced in Blood Due to Radiation from Radio antenna	H. Tripathi, D. Singh, V. Kumar & P.P. Pathak	Environmental Technology	pp. 231-237	2013-14	
	2014	1	1	A variation theory of Zero Field Electrical Resistivity of Colossal Magentoresistive Maganites	S.Panwar, Vijay Kr., Amit Chaudhary and Ishwar Singh	Modern Physiscs Letters B	Vol 28, No 24, 2014, 1450182-90.	02179849	
ELECTRICAL ENGINEERING	2013-14	1	1	A Microwave Rectangular Waveguide to Micro-strip line Transitions@30 GHz	Mr. Gajendra Singh Rawat	International Journal of Emerging Technology and Advanced Engineering	Vol. 3 Page no. 563-568	2250-2459	