

Resume

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Date of joining University: 10.08.2006

Area of Specialization: MANET

Book Published: In insight into MATLAB and Simulink
Publisher: SK Kataria

List of research papers

Authors	Title	Publication	Year
Gupta, Shailender; Goyal, Ankur; Bhushan, Bharat;	Information hiding using least significant bit steganography and cryptography	International Journal of Modern Education and Computer Science	2012
Nagpal, CK; Kaur, Maninder; Gupta, Shailender; Bhushan, Bharat;	Impact of variable transmission range on MANET performance	International Journal of Ad hoc, Sensor & Ubiquitous Computing	2011
Kumar, Chander; Gupta, Shailender; Bhushan, Bharat;	Impact of various factors on probability of reachability in MANET: a survey	International journal on applications of graph theory in wireless ad hoc networks and sensor networks	2011
Sharma, Sanjeev; Bhushan, Bharat; Gupta, Shailender; Kaur, Preet;	Performance comparison of micro- strip antennas with different shape of the patch	International Journal of u-and e- Service, Science and Technology	2013
Kumar, Chirag; Nagpal, CK; Bhushan, Bharat; Gupta, Shailender;	Reachability Analysis of Mobility Models under Idealistic and Realistic Environments	Advances in Computer Science, Engineering & Applications	2012
Nagpal, CK; Kumar, Chirag; Bhushan, Bharat; Gupta, Shailender;	A study of black hole attack on MANET performance	International Journal of Modern Education and Computer Science	2012
Gupta, Shailender; Kumar, Chirag; Rani, Seema; Bhushan,	Performance comparison of routing protocols using	International Journal of Modern Education and Computer Science	2012

Bharat;	different mobility models		
Nain, Ajay Kumar; Singhania, Surbhi; Gupta, Shailender; Bhushan, Bharat;	A comparative study of mixed noise removal techniques	International Journal of Signal Processing, Image Processing and Pattern Recognition	2014
Gupta, Shailender; Kumar, Chirag; Nagpal, CK; Bhushan, Bharat;	Performance evaluation of MANET in realistic environment	International Journal of Modern Education and Computer Science	2012
Bhushan, Bharat; Gupta, Shailender; Nagpal, CK;	Comparison of on Demand Routing Protocols	International Journal of Information Technology and Computer Science (IJITCS)	2013
Nagpal, CK; Gupta, Shailender; Bhushan, Bharat;	Impact of area's shape on MANET performance	2011 World Congress on Information and Communication Technologies	2011
Kukreja, Vivek; Gupta, Shailender; Bhushan, Bharat; Kumar, Chander;	Towards Performance Evaluation of Cognitive Radio Network in Realistic Environment	published in IJCNIS	2014
Gupta, Shailender; Bhushan, Bharat; Singhania, Surbhi; Gulani, Jeetesh;	A Hybrid APPROACH FOR ENSURING SECURITY IN DATA COMMUNICATION	in CCSIT	2013
Singhania, Surbhi; Gupta, Shailender; Bhushan, Bharat; Nain, Ajay;	A Novel Crypt-Stego Technique for Information Security in Communication Networks	International Journal of Signal Processing, Image Processing and Pattern Recognition	2013
Gujral, Atul; Gupta, Shailender; Bhushan, Bharat;	A comparison of various defogging techniques		2014
Gujral, Atul; Gupta, Shailender; Bhushane, Bharat;	A Novel Defogging Technique for Dehazing Images	International Journal of Hybrid Information Technology	2014
Gupta, Shailender; Bhushan, Bharat; Sardana, Sangeeta; Malik, Neelam;	Towards realistic performance evaluation of delay tolerant network	International Journal of Advanced Science and Technology	2013
Garg, Pranjali; Gupta, Shailender; Bhushan, Bharat; Vashist, Prem Chand;	A Hybrid Defogging Technique Based On Anisotropic Diffusion And IDCP Using Guided Filter	International Journal of Signal Processing, Image Processing and Pattern Recognition	2015

Deswal, Sweety; Gupta, Shailender; Bhushan, Bharat;	A Survey of Various Bilateral Filtering Techniques	International Journal of Signal Processing, Image Processing and Pattern Recognition	2015
Singh, Manish; Gupta, Shailender; Bhushan, Bharat;	Comparison of symmetric and asymmetric key cryptography: A study	Proceeding of the National Conference "Science in Media 2012" Organized by YMCA University of Science and Technology	2012
Malik, Neelam; Gupta, Shailender; Bhushan, Bharat;	A fuzzy based routing protocol for delay tolerant network	Int J Grid Distrib Comput	2015
Kukreja, Vivek; Gupta, Shailender; Bhushan, Bharat; Mittal, Poonam; Nagpal, CK;	Enhancement of Spectrum Efficacy using Cognitive Radio Networks	International Journal of Future Generation Communication and Networking	2015
Mehta, Shweta; Gupta, Shailender; Bhushan, Bharat; Nagpal, CK;	Face recognition using neuro-fuzzy inference system	International Journal of Signal Processing, Image Processing and Pattern Recognition	2014
Dua, Mansi; Gupta, Shailender; Bhushan, Bharat; Nagpal, CK;	Performance Evaluation of Routing Protocol with Selfish Users in Realistic Environment	International Journal of Modern Education and Computer Science	2013
Dhall, Sangeeta; Bhushan, Bharat; Gupta, Shailender;	An in-depth analysis of various steganography techniques	International Journal of Security and Its Applications	2015
Kumar, Chirag; Bhushan, Bharat; Gupta, Shailender;	EVALUATION OF MANET PERFORMANCE IN PRESENCE OF OBSTACLES	International Journal of Ad Hoc, Sensor & Ubiquitous Computing	2012
Kaur, Manjeet; Gupta, Shailender; Bhusan, B;	An improved adaptive bilateral filter to remove gaussian noise from color images	Int J Signal Process Image Process Pattern Recognit	2015
Garg, Pranjal; Gupta, Shailender; Bhushan, Bharat; Vashist, Prem Chand;	An in-depth analyses of various defogging techniques	International Journal of Signal Processing, Image Processing and Pattern Recognition	2015
Nain, Ajay Kumar; Gupta, Shailender; Bhushan, Bharat;	An extension to switching bilateral filter for mixed noise removal from colour image	International Journal of Signal and Imaging Systems Engineering	2016

Bhuvnesh Kumar, Bharat Bhushan, Shailender Gupta;	Comparison of Hybrid Security Mechanism based on Symmetric and Asymmetric Key Cryptography	National Conference (RSTMI)	2016
Nain, Ajay Kumar; Gupta, Shailender; Bhushan, Bharat; Chawla, Rashmi;	AN ADAPTIVE PSEUDORANDOM STEGO-CRYPTO TECHNIQUE FOR DATA COMMUNICATION		
Gupta, Shailender; Bhushan, Bharat; Nagpal, CK; Chawla, Rashmi;	Impact of Malicious Nodes Concentration on MANET performance		
Kumar, Chirag; Bhushan, Bharat; Nagpal, CK; Gupta, Shailender;	Towards realistic performance evaluation of mobile ad hoc network	2012 World Congress on Information and Communication Technologies	2012
Kukreja, Vivek; Gupta, Shailender; Bhushan, Bharat;	A fuzzy-based routing protocol for cognitive radio networks	International Journal of Fuzzy Computation and Modelling	2014
Gupta, Shailender; Bhushan, Bharat;	Impact Analysis of Area's Shape on MANET Performance		
Dhall, Sangeeta; Bhushan, Bharat; Gupta, Shailender;	An Improved Hybrid Mechanism for Secure Data Communication	International Journal of Computer Network and Information Security	2016
Bhushan, Bharat; Mehta, Shweta; Gupta, Shailender;	PERFORMANCE ANALYSIS OF NEURAL NETWORK PATTERN RECOGNITION TECHNIQUES		
Dhall, Sangeeta; Bhushan, Bharat; Gupta, Shailender;	An Improved Hybrid Mechanism for Secure Data Communication	International Journal of Computer Network and Information Security	2016
Kumar, Chander; Gupta, Shailender; Bhushan, Bharat;	REACHABILITY IN MANET: A survey		
Goyal, Megha; Bhushan, Bharat; Gupta, Shailender; Chawla, Rashmi;	Contrast Enhancement Technique Based on Lifting Wavelet Transform	3D Research	2018
Singh, Manish; Gupta, Shailender;	YMCA University of Science and Technology,	Proceeding of the National Conference â€œScience in	2012

Bhushan, Bharat;	Faridabad, 2012, "Comparison of symmetric and asymmetric key cryptography: A study",	Media	
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