

Dr. Amandeep Kaur Virk

List of Publications in Journal

a) Research Papers in International Journal

S.No	Name of Authors	Year	Title	Journal Name	Vol.	Page No.
1.	Amandeep Kaur Virk and Ajay K Sharma	2011	BER Performance Analysis of Cognitive Radio Physical Layer over Rayleigh fading Channel	<i>International Journal of Computer Applications</i>	25(11)	25-29
2.	Amandeep Kaur Virk and Ajay K Sharma	2011	Analysing Cognitive Radio Physical Layer on BER Performance over Rician Fading Channel	<i>International Journal of Computer Technology and Applications</i>	2 (5)	1697 - 1702
3.	Amandeep Kaur Virk and Ajay K Sharma	2011	Performance investigations of cognitive radio over AWGN channel using encoding techniques	<i>International Journal of Engineering Computer Science and Technology</i>	v01012011	18-22
4.	Deepinderjeet Kaur Dhaliwal and Amandeep Kaur	2013	Crossbreed Advanced Security against Phishing and Spoofing	<i>International Journal of Application or Innovation in Engineering and Management</i>	Vol2,Issue4	191-197
5.	Deepinderjeet Kaur Dhaliwal and Amandeep Kaur	2013	Detection of Spams using Extended ICA and Neural Networks	<i>International Journal of Computer Trends and Technology</i>	Vol4,Issue8	2619 - 2624
6.	Ramandeep Singh and Amandeep Kaur Virk	2013	Review of Key Management Schemes in WSNs	<i>International Journal of Science and Research</i>	Vol2,issue7	379-381
7.	Gurpreet Singh and	2013	Energy-Efficient	<i>International Journal of</i>	Volume-4 Issue-8	2595 -

	Amandeep Kaur		Dynamic Routing Protocol for Wireless Sensor Networks	<i>Computer Trends and Technology</i>		2600
8.	Gurpreet Singh and Amandeep Kaur	2013	Energy-Efficient Dynamic Clustering Schemes for Mobile Wireless Sensor Networks	<i>International Journal Of Advanced And Innovative Research</i>	Vol. 2 Issue 4	1239 - 1243
9.	Harjeet Kaur and Amandeep Kaur	2013	Energy Conservation in Multiwireless Network System Using Genetic Algorithm	<i>International Journal of Emerging Trends & Technology in Computer Science</i>	Volume 2, Issue 3	414- 417
10.	Sandeep Singh and Amandeep Kaur Virk	2013	An Existential Review of Wireless Sensor Networks	<i>International Journal of Science and Research</i>	Vol2, Issue4	301- 303
11.	Sandeep Singh and Amandeep Kaur Virk	2013	Node Placement for Efficient Coverage in Heterogeneous Wireless Sensor Networks	<i>International Journal of Advanced Research in Computer Science and Software Engineering</i>	Volume 3, Issue 7	499- 502
12.	Sandeep Singh and Amandeep Kaur Virk	2013	Node Placement for Efficient Coverage in Homogeneous Wireless Sensor Networks	<i>International Journal of Engineering Trends and Technology</i>	Vol4, Issue7	2991 - 2993
13.	Gagandeep Singh and Amandeep Kaur Virk	2013	Review Article on Various Sensor Networks with inter-node Connectivity Failure Issue	<i>International Journal of Advanced and Innovative Research</i>	Vol2, Issue6	319- 327
14.	Gagandeep Singh and Amandeep	2013	Evaluating Wireless Sensor Network on	<i>International Journal of Advanced Research in</i>	Vol3, Issue 7	1209 - 1214

	Kaur Virk		Quality of Services Using Mobile Sink Nodes	<i>Computer Science and Software Engineering</i>		
15.	Amritpal Singh and Amandeep Kaur Virk	2013	Review :Manet networks with various Routing protocols along with node Failure.	<i>International Journal of Advanced and Innovative Research</i>	IssueVol2,Issue 6	328-332
16.	Amritpal Singh and Amandeep Kaur Virk	2013	Enhancing Quality of Service for Adhoc on Demand Distance Vector Protocol based on time for Mobile Ad-hoc Networks	<i>International Journal of Advanced Research in Computer Science and Software Engineering</i>	Vol3, Issue 7	1203 - 1208
17.	Baljinder Kaur and Amandeep Kaur	2013	Review on Technology to Measure Speed of Cricket Ball and Bat	<i>International Journal Of Engineering And Computer Science</i>	Vol.2 Issue 5	1626 - 1629
18.	Baljinder Kaur and Amandeep Kaur	2013	A Survey of Time Synchronization Protocols for Wireless Sensor Networks	<i>International Journal of Computer Science and Mobile Computing</i>	Vol2, Issue 9	10-106
19.	Amanpreet Kaur and Amandeep Kaur	2014	A review- Stability of nodes and routing in MANET	<i>International Journal for Scientific Research & Development</i>	vol- 2, issue 2	604-606
20.	Amanpreet Kaur and Amandeep Kaur	2014	Improving node Stability using Hotspot Algorithm in mobile adhoc network	<i>International Journal of Research Advent Technology</i>	vol.2, issue 8	87-93
21.	Shagan Paul Kaur and Amandeep Kaur	2014	Review of Power-Efficient Sathering in	<i>International Journal of Advanced Research in Computer Science</i>	vol.4, issue 6	872-877

			Sensor Information for Network optimization in WSN	<i>and Software Engineering</i>		
22.	Shagan Paul Kaur and Amandeep Kaur	2014	Network Optimization for PEGASIS using PBO in WSN	<i>International Journal of Science and Research</i>	vol 3, issue 8	1463 - 1466
23.	Gursharan Kaur and Amandeep Kaur	2014	Deployment of nodes for maximum coverage in heterogeneous wireless sensor network using Genetic Algorithm	<i>International Journal of Advanced Research in computer Science and Management</i>	vol 2, issue 6	116-121
24.	Gursharan Kaur and Amandeep Kaur	2014	Efficient node placement for maximum coverage in homogeneous wireless sensor networks using Genetic Algorithm	<i>International Journal of Research in Information Technology</i>	vol 2, issue 6	582-589
25.	Gursharan Kaur, Amandeep Kaur and Rajdeep Kaur	2014	Maximum area coverage in wireless sensor networks: A Survey	<i>International Journal of Advanced Research in Computer Science and Software Engineering</i>	vol4, issue 3	672-675
26.	Ayubpreet and Amandeep Kaur	2014	Review on Cognitive Radio Networking and Communications	<i>International Journal of Computer Science and Information Technologies</i>	vol 5, issue 4	5508 - 5511
27.	Rajwinder Singh and Amandeep Kaur	2014	Optimization of Geocast Routing in Vehicular Adhoc Network	<i>International Journal of Science and Research</i>	vol 3, issue 8	1586 - 1593
28.	Sukhjinder Singh and	2014	Hybrid Solution for Hidden-	<i>International Journal of Science</i>	vol 3, issue 8	1594 -

	Amandeep Kaur		Terminal Problem in VANETS	<i>and Research</i>		1600
29.	Shabad Kaur and Amandeep Kaur Virk	2015	AODV Extension Using Genetic Algorithm in VANET	<i>International Journal of Science and Research</i>	Vol. 4, Issue 7	2421 - 2422
30.	Shabad Kaur and Amandeep Kaur Virk	2015	A Survey on VANET'S	<i>International Journal of Advanced Research in Computer Science and Software Engineering</i>	Volume 5, Issue 7	590-593
31.	Navjot Singh and Amandeep Kaur	2015	Analytical Study About Spectrum Sensing And Various Sensing Techniques Used In Cognitive Radio	<i>Zenith International Journal Of Multidisciplinary Research</i>	Vol. 5 Issue 5	66-73
32.	Navjot Singh and Amandeep Kaur	2015	Higher Order Statistical Approach for Performance Evaluation of different Spectrum Sensing Techniques in Cognitive Radio Network	<i>International Journal of Computer Applications</i>	Volume 120 - Number 17	8-11
33.	Manmeet Kaur and Amandeep Kaur	2015	An Improved Multicast AODV Routing Protocol for VANETS	<i>International Journal of Computer Applications</i>	Volume 121 , Number 6	14-23
34.	Manmeet Kaur and Amandeep Kaur	2015	Comparative Study of AODV, DSR and DSDV in Vehicular Ad-Hoc Networks	<i>International Journal of Advanced Research in Computer Science and Software Engineering</i>	Volume 5, Issue 5	892-897
35.	Mandeep Kaur and	2015	Cognitive Radio Spectrum	<i>International Journal of</i>	Vol. 6 (3)	3089 -

	Amandeep Kaur		Sharing Techniques : A Review	<i>Computer Science and Information Technologies</i>		3091
36.	Amandeep Kaur Virk and Kawaljeet Singh	2016	Solving Bi-objective Two-Dimensional Rectangle Packing Problem using Binary Cuckoo Search	<i>International Journal of Computer Science and Information Security</i>	Vol. 14, No. 7	165-169
37.	Shaiffu and Amandeep Kaur	2017	Greyhole and Blackhole Attack Identification and Prevention using IP Backtracking in WSN	<i>International Journal of Computer Applications</i>	Volume 169 – No.5	17-20
38.	Amandeep Kaur Virk and Kawaljeet Singh	2018	Solving Two-Dimensional Rectangle Packing Problem Using Nature-Inspired Metaheuristic Algorithms.	<i>Journal of Industrial Integration and Management</i>	Vol.3, No.2	1-16
39.	Amandeep Kaur Virk and Kawaljeet Singh	2019	Application of Nature Inspired Algorithms to Optimize Multi-objective Two Dimensional Rectangle Packing Problem	<i>Journal of Industrial Integration and Management</i>	Vol.4, No. 4	10-24
40.	Amandeep Kaur Virk and Kawaljeet Singh	2020	On Performance of Binary Flower Pollination Algorithm for Rectangular Packing Problem	<i>Recent Advances in Computer Science and Communications</i>	Volume 13 , Issue 1	22-34

b) Research Papers in International Conference

S.No.	Name of Authors	Year	Title	Conference Name	Vol.	Page No.
1.	Amandeep Kaur Virk and Kawaljeet Singh	2017	Solving Multi-objective Two Dimensional Rectangle Packing Problem	<i>In Proceedings of Sixth International Conference on Soft Computing for Problem Solving. Springer, Singapore</i>	AISC, volume 547	188-196