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Publications in Journals notified on UGC website (2012-2017)

S.No.	Title of paper	Name of the Author(s)	Department of the Teacher	Name of journal	Year of publication	ISBN/ISSN number
1	BiETOpti: biclustering ensemble technique using optimisation	G. Aggarwal, N. Gupta	Computer Science	International Journal of Bioinformatics Research and Applications, IJBRA 13(2)	2017	17445485
2	A Comprehensive Study of Shilling Attacks in Recommender Systems	T. Kumari , P. Bedi	Computer Science	International Journal of Computer Science Issues	2017	1694-0814
3	Reducing Waiting Time with Parallel Preemptive Algorithm in VANETs	V. Jindal , P. Bedi	Computer Science	Vehicular Communications	2017	22142096
4	Preemptive MACO (MACO-P) Algorithm for Reducing Travel Time in VANETs	V. Jindal , P. Bedi	Computer Science	Applied Artificial Intelligence	2017	8839514 10876545
5	CCFRS - Community based Collaborative Filtering Recommender System	C. Sharma , P. Bedi	Computer Science	Journal of Intelligent and Fuzzy Systems	2017	10641246
6	Developing Content-Based Recommender System Using Hadoop Map Reduce	A. Gautam , P. Bedi	Computer Science	Journal of Intelligent and Fuzzy Systems	2017	10641246
7	A Fuzzy Hybrid Recommender System	P. Vashisth, P. Khurana, P. Bedi	Computer Science	Journal of Intelligent and Fuzzy Systems	2017	10641246
8	Fuzzy C-Means Clustering and Particle Swarm Optimization based scheme for Common Service Center location allocation	R. Gupta, S.K. Muttoo, S.K. Pal.	Computer Science	Applied Intelligence	2017	0924-669X
9	Detecting redirection spam using multilayer perceptron neural network	K. Hans, L. Ahuja, S.K. Muttoo	Computer Science	Soft Computing	2017	1432-7643
10	A First Cryptosystem for Security of Two-Dimensional Data	D.C. Mishra, H. Sharma, R.K. Sharma, N. Kumar	Computer Science	Fractals	2017	0218348X

11	An Adaptive PSO-based Approach for Data Flow Coverage of a Program	S. Varshney , M. Mehrotra	Computer Science	International Journal of Engineering Research & Technology	2017	ISSN: 2278-0181
12	Fuzzy C-Means Clustering and Particle Swarm Optimization based scheme for Common Service Center location allocation	R. Gupta, S.K. Muttoo, S.K. Pal	Computer Science	Applied Intelligence	2017	0924-669X
13	Protocols for Mitigating Blackhole Attacks in Delay Tolerant Networks.	P. Nagrath, S. Aneja, N. Gupta , S. Madria	Computer Science	Springer journal on Wireless Networks	2016	10220038
14	Goals and scenarios based web requirements engineering	S. Chawla, S. Srivastava, P. Bedi	Computer Science	Computer Systems Science and Engineering	2016	0267 6192
15	Vehicular Ad-Hoc Networks- Introduction, Standards, Routing Protocols and Challenges	V. Jindal, P. Bedi	Computer Science	International Journal of Computer Science Issues	2016	1694-0814
16	Reducing travel time in VANETs using MACO with CUDA on GPU	V. Jindal, P. Bedi	Computer Science	Journal of Network and Innovative Computing	2016	2160-2174
17	Safeguarding Buyers with Attack-Resilient Reputation Parameters	N.K. Sharma , V. Gaur, P. Bedi	Computer Science	Journal of Theoretical and Applied Electronic Commerce Research (JTAER)	2016	0718-1876
18	Community Detection in Social Networks	P. Bedi , C. Sharma	Computer Science	Wiley interdisciplinary Reviews: Data Mining and Knowledge Discovery	2016	19424787
19	Binary division fuzzy C-means clustering and particle swarm optimization based efficient intrusion detection for E-governance systems	R. Gupta, S.K. Muttoo, S.K. Pal	Computer Science	International Review on Computers and Software	2016	1828-6003
20	An android malware detection framework-based on permissions and intents	S. Verma, S.K. Muttoo	Computer Science	Defence Science Journal	2016	0011748X
21	Secure Data Hiding Along Randomly Selected Closed Knight's Tour	A. Bansal, S.K. Muttoo, V. Kumar	Computer Science	Journal of Applied Security Research	2016	1936-1610

22	A fuzzy logic approach for Detecting Redirection spam	K. Hans, L. Ahuja, S.K. Muttoo	Computer Science	International Journal of Electronic Security and Digital Forensics	2016	1751911X
23	Leveraging Structural Hierarchy for Scalable Network Comparison	R. Saxena, S. Kaur, D. Dash, V. Bhatnagar	Computer Science	International Conference on Database and Expert Systems Applications	2016	978-3-319-44402-4
24	Search-based Test Data Generator for Data-Flow Dependencies using Dominance Concepts, Branch Distance and Elitism	S. Varshney , M. Mehrotra	Computer Science	Arabian Journal of Science and Engineering	2016	ISSN: 1319-8025
25	Binary division fuzzy C-means clustering and particle swarm optimization based efficient intrusion detection for E-governance systems	R. Gupta, S.K. Muttoo S.K. Pal	Computer Science	International Review on Computers and Software	2016	1828-6003
26	Argumentation Enabled Interest-Based Personalized Recommender System	P. Bedi, P. Vashisth, D. Chandoliya , B.K. Yadav	Computer Science	Journal of Experimental and Theoretical Artificial Intelligence (JETAI)	2015	0952813X
27	Improving the quality of web applications with web specific goal driven requirements engineering	S. Chawla, S. Srivastava, P. Bedi	Computer Science	International Journal of System Assurance Engineering and Management	2015	0975-6809
28	Secure group message transfer stegosystem	M.P.S. Bhatia, M.K. Bhatia, S.K. Muttoo	Computer Science	International Journal of Information Security and Privacy	2015	1930-1650
29	Accurate classification of biological data using ensembles	M. Bhardwaj, D. Dash, V. Bhatnagar	Computer Science	Data Mining Workshop (ICDMW), 2015 IEEE International Conference on	2015	978-1-4673-8493-3
30	Parallel Multi-objective Multi-robot Coalition Formation	M. Agarwal, N. Agrawal, S. Sharma, L. Vig, N. Kumar	Computer Science	Expert Systems with Applications	2015	9574174
31	An Improved PSO-based Test Data Generator for Data Flow Coverage	S. Varshney , M. Mehrotra	Computer Science	International Journal of Applied Engineering Research	2015	ISSN: 0973-4562

32	A Comparative Study of Automatic Test Data Generation for Data Flow Testing using GA, PSO & BPSO	S. Kumar, D.K. Yadav, D.A. KhA., S. Varshney	Computer Science	International Journal of Applied Engineering Research	2015	ISSN: 0973-4562
33	Experimental Evaluation of Routing Schemes for Intermittently Connected Wireless Mobile Networks	R. Johari, N. Gupta, S. Aneja	Computer Science	Wireless Personal Communications	2015	9296212
34	CONCOR: Context-aware community-oriented routing for intermittently connected network.	R. Johari, N. Gupta, S. Aneja	Computer Science	EURASIP Journal on Wireless Communications and Networking	2015	16871499
35	The Bisection Artificial Bee Colony algorithm to solve Fixed point problems	P. Mansouri, B. Asady, N. Gupta	Computer Science	Elsevier Journal of Applied Soft Computing	2015	15684946
36	POSOP Routing Algorithm: A DTN Routing Scheme for Information Connectivity of Health Centres in Hilly State of North India.	R. Johari, N. Gupta, S. Aneja.	Computer Science	International Journal of Distributed Sensor Networks	2015	15501477
37	Empowering recommender systems using trust and argumentation	P. Bedi, P. Vashisth	Computer Science	Information sciences	2014	18726291
38	A Proposed Framework for Group-Based Multi-Criteria Recommendations	V.S. Dixit, H. Mehta, P. Bedi	Computer Science	Applied Artificial Intelligence	2014	8839514 10876545
39	Steganalysis of colored JPEG images using ensemble of extreme learning machines	V. Bhasin, P. Bedi	Computer Science	International Journal on Recent Trends in Engineering & Technology	2014	2158-5563
40	Optimized gray-scale image watermarking using DWT-SVD and Firefly Algorithm	A. Mishra, C. Agarwal, A. Sharma, P. Bedi	Computer Science	Expert Systems with Applications	2014	18736793
41	Improving Trustworthiness in E-Market Using Attack Resilient Reputation Modeling	N.K. Sharma, V. Gaur, P. Bedi	Computer Science	International Journal of Intelligent Information Technologies	2014	1548-3657
42	Trusted and load-balanced Ant-based Routing in Mobile Ad-hoc Networks	A., R. Sharma, P. Bedi	Computer Science	International Journal of Artificial Intelligence and Soft Computing	2014	17554950

43	Evaluation of Web-specific Goal Oriented Requirements Language Models with Quantitative Reasoning	S. Chawla, S. Srivastava, P. Bedi	Computer Science	ACM SIGSOFT Software Engineering Notes	2014	01635948
44	An Empirical Evaluation of Cross Project Priority Prediction	M. Sharma, P. Bedi, V.B. Singh	Computer Science	International Journal of System Assurance Engineering and Management	2014	0975-6809
45	Comparative Analysis Of ANFIS And ANN For Evaluating Inter-Agent Dependency Requirements	V. Gaur, A. Soni, P. Bedi, S.K. Muttoo	Computer Science	International Journal of Computer Information Systems and Industrial Management	2014	2150-7988
46	Trust based Access Control for Collaborative Systems	P. Bedi, H. Kaur , B. Gupta	Computer Science	Journal of Experimental and Theoretical Artificial Intelligence (JETAI)	2014	0952813X
47	A Dynamic Personalised Product Pricing Strategy using Multiple Attributes in Agent Mediated e-market - A Neural Approach	N.K. Sharma, V. Gaur, P. Bedi	Computer Science	Int. Journal of Information and Decision Sciences (IJIDS)	2014	17567017
48	Refinement of Group Recommendations Using User Preferences and Item Attributes	H. Mehta, V. S. Dixit, P. Bedi	Computer Science	International Journal of Computer Information Systems and industrial Applications	2014	2150-7988
49	BPEL-TC : Orchestration of Temporally Customized Web Services	P. Marwaha, H. Banati, P. Bedi	Computer Science	International Journal of Computer Information Systems and Industrial Management (IJCISIM)	2014	2150-7988
50	Robust and secure image steganographic algorithm based on matrix embedding	S. Kumar, S.K. Muttoo	Computer Science	International Journal of Electronic Security and Digital Forensics	2014	1751911X
51	Data hiding method based on inter-block difference in eight queens solutions and lsb substitution	V. Kumar, A. Bansal, S.K. Muttoo	Computer Science	International Journal of Information Security and Privacy	2014	1930-1650
52	Non-additive Multi-objective Robot Coalition Formation	M. Agarwal, N. Kumar, L. Vig	Computer Science	Expert Systems with Applications	2014	9574174

53	Improved Fuzzy Entropy Clustering Algorithm for MRI Brain Image Segmentation	H. Verma, R.K. Agrawal, N. Kumar	Computer Science	International Journal of Imaging Systems and Technology	2014	8999457
54	Automated Software Test Data Generation for Data Flow Dependencies using Genetic Algorithm	S. Varshney , M. Mehrotra	Computer Science	International Journal of Advanced Research in Computer Science and Software Engineering	2014	ISSN: 2277 128X
55	Facility Location with Red-Blue Demands	S. Arora, N. Gupta, S. Khuller, Y. Sabharwal, S. Singhal	Computer Science	Elsevier journal Operations Research Letters (IF .624)	2014	1676377
56	Aspect-Oriented Trust Based Mobile Recommender System	P. Bedi , S.K. Agarwal	Computer Science	International Journal of Computer Information Systems and Industrial Management (IJCISIM)	2013	2150-7988
57	A reputation based Service Provider Selection System for delegation of Job by Farmers	P. Bedi, H. Kaur , B. Gupta	Computer Science	Journal of the Indian Society of Agricultural Statistics (JISAS)	2013	0019-6363
58	Trust and Context View based Knowledge Sharing in MANets	P. Bedi, A., R. Sharma.	Computer Science	International Journal on Trust Management in Computing and Communications (IJTMCC)	2013	20488378
59	Novel approaches for classification based on Cuckoo Search Strategy	S. Goel, A. Sharma , P. Bedi	Computer Science	International Journal of Hybrid intelligent Systems (IJHIS)	2013	14485869
60	Focused Crawling of Tagged Web Resources using Ontology	P. Bedi, A. Thukral , H. Banati	Computer Science	International Journal of Computers & Electrical Engineering, Special Issue on Recent Developments in Computing and Communications	2013	0045-7906
61	Generation of Web Recommendations Using Implicit User Feedback and Normalized Mutual Information	V. S. Dixit, P. Bedi , H. Mehta	Computer Science	International Journal of Knowledge and Web Intelligence (IJKWI)	2013	17558255
62	Using PSO in a Spatial Image Hiding Scheme with distortion tolerance	P. Bedi, R. Bansal, P. Sehgal	Computer Science	International Journal of Computers & Electrical Engineering, Special Issue on Recent Developments in Computing and Communications	2013	0045-7906

63	An Agent based Reputation System for Unreliable Grid Environment	B. Gupta, P. Bedi , H. K. Negi	Computer Science	International Journal of Modeling and Optimization	2013	2010-3697
64	Mitigating Multi-Threats Optimally in Proactive Threat Management	V. Gandotra, A. Singhal , P. Bedi	Computer Science	ACM SIGSOFT Software Engineering Notes	2013	1635948
65	Integrating Trust in Argumentation Based Recommender Systems	P. Bedi , P. Vashisth	Computer Science	Journal of Information Assurance and Security	2013	15541010
66	SRPRS : Situation-Aware Reputation Based Proactive Recommender System	P. Bedi , S. Agarwal	Computer Science	Journal of Information Assurance and Security	2013	15541010
67	Map Construction and Localization using Lego Mindstorms NXT	J. Singh , P. Bedi	Computer Science	Journal of Automation, Mobile Robotics and Intelligent Systems	2013	18978649
68	Stigmergic Agent based Adaptive Content Sequencing in an e-Learning Environment	R. Sharma, H. Banati , P. Bedi	Computer Science	International Journal of Advanced Intelligence Paradigms (IJAIP)	2013	17550386
69	FORMALIZING BPEL-TC THROUGH Π -CALCULUS	P. Marwaha, H. Banati , P. Bedi	Computer Science	International Journal of Web & Semantic Technology (IJWesT)	2013	0976-2280
70	Threat-Oriented Security Framework in Risk Management using Multi-Agent System	P. Bedi, V. Gandotra, A. Singhal, H. Narang , S. Sharma	Computer Science	Software: Practice and Experience	2013	1097-024X
71	Group Recommendation for Mitigating New User Problem: a modified OCRG	H. Mehta, P. Dixit	Computer Science	Journal of Network and Innovative Computing(JNIC)	2013	2160-2174
72	WSDL-TC : Temporal Customization of Web Services	P. Marwaha, H. Banati , P. Bedi	Computer Science	Journal of Network and Innovative Computing (JNIC)	2013	2160-2174
73	Self-synchronising image steganography algorithms based on error-correcting codes	S.K. Muttoo, S. Kumar	Computer Science	International Journal of Electronic Security and Digital Forensics	2013	1751911X
74	Secure requirement prioritized grid scheduling model	M.K. Bhatia, S.K. Muttoo, M.P.S. Bhatia	Computer Science	International Journal of Network Security	2013	1816353X

75	Secure Group Communication with Hidden Group Key	M. Bhatia, S.K. Muttoo, M.P.S. Bhatia	Computer Science	Information Security Journal	2013	1939-3555
76	Search Based Software Test Data Generation for Structural Testing: A Perspective	S. Varshney , M. Mehrotra	Computer Science	ACM SIGSOFT SEN	2013	ISSN: 0163-5948 DOI: 10.1145/2492248.2492277
77	Discovering Minimum Exposed Path to Attack in Mobile Ad hoc Networks in optimal $O(P)$ time after pre-processing	N. Gupta, S. Aneja	Computer Science	International Journal of Next Generation Computing	2013	22294678
78	A 3-approximation algorithm for facility location problem with uniform capacities	A. Aggarwal, A. Louis, M. Bansal, N. Garg, N. Gupta, S. Gupta , S. Jain	Computer Science	Journal of Mathematical Programming	2013	255610
79	Securing fingerprint images using PSO based wavelet domain watermarking	R. Bansal, P. Sehgal , P. Bedi	Computer Science	Information Security Journal: A Global Perspective	2012	1939-3555
80	Home Security Surveillance System using Multi-Robot System	P. Bedi, K. Qayumi , T. Kaur	Computer Science	International Journal of Computer Applications in Technology (IJCAT)	2012	1741-5047
81	Trust based Recommender System using Ant Colony for Trust Computation	P. Bedi , R. Sharma	Computer Science	Expert Systems with Applications	2012	9574174
82	Building Socially-aware e-Learning Systems through Knowledge management,	R. Sharma, H. Banati , P. Bedi	Computer Science	International Journal of Knowledge Management (IJKM)	2012	1548-0666
83	Securing fingerprint images through PSO based robust facial watermarking	R. Bansal, P. Sehgal , P. Bedi	Computer Science	International Journal of Information Security and Privacy (IJISP)	2012	1930-1650
84	Secure data hiding using eight queens solutions	S.K. Muttoo, V. Kumar, A. Bansal	Computer Science	International Journal of Information Security and Privacy	2012	1930-1650
85	Watermarking digital vector map using graph theoretic approach	S.K. Muttoo, V. Kumar	Computer Science	Annals of GIS	2012	1947-5683
86	Hiding Information in Vector Layer While Extracting Layers from Raster Data	V. Kumar, A. Bansal, S.K. Muttoo	Computer Science	Information Security Journal	2012	1939-3555

87	Mining of multiobjective non-redundant association rules in data streams	A. Gupta, N. Kumar, V. Bhatnagar	Computer Science	International Conference on Artificial Intelligence and Soft Computing	2012	978-3-642-29349-8
88	Data understanding using semi-supervised clustering	V. Bhatnagar, R. Dobariyal, P. Jain, A. Mahabal	Computer Science	Intelligent Data Understanding (CIDU), 2012 Conference on	2012	978-1-4673-4625-2
89	Scalable clustering using pact programming model	S. Kaur, D. Khanna, T. Gupta, V. Bhatnagar	Computer Science	Data Mining Workshops (ICDMW), 2012 IEEE 12th International Conference on	2012	978-1-4673-5164-5
90	An Approximation Algorithm for Fuzzy Polynomial Interpolation with Artificial Bee Colony algorithm	P. Mansouri, B. Asady, N. Gupta	Computer Science	Elsevier Journal of Applied Soft Computing	2012	15684946
91	Automated stellar classification tools and their inter-comparison	V. Bhatnagar, T. Gupta, R. Gupta	Computer Science	Astronomical Society of India Conference Series	2012	978-81-922926-4-9