

Authors	Title	Year	Source Title	Volume	Issue/ Number	Page start	Page end	DOI	Link	Publisher	Conference name	Conference date	ISSN No.	Conference/Journal
Kiran Jyoti	RHAS: robust hybrid auto-scaling for web applications in cloud computing	2020	Cluster Comput(SCI)					https://doi.org/10.1007/s10586-020-03148-5	https://link.springer.com/article/10.1007/s10586-020-03148-5	Springer			Electronic ISSN 1573-13807501	Journal
Akshay Girdhar	Digital image splicing detection technique using optimal threshold based local ternary pattern	2020	Multimedia Tools and Applications (SCOPUS)					https://doi.org/10.1007/s11042-020-08621-2	https://link.springer.com/article/10.1007/s11042-020-08621-2	Springer				Journal
Jagdeep Singh, Sachin Bagga, Ranjodh Kaur	Software-based prediction of liver disease with feature selection and classification techniques	2020	Procedia Computer Science (SCOPUS)					https://doi.org/10.1016/j.procs.2020.03.226	https://www.sciencedirect.com/science/article/pii/S187705092030692X	Elsevier			ISSN 1877-0509	Journal
Sachin Bagga	Exploring the hidden patterns of cyberbullying on social media	2020	Procedia Computer Science (SCOPUS)					https://doi.org/10.1016/j.procs.2020.03.374	https://www.sciencedirect.com/science/article/pii/S1877050920308401	Elsevier			ISSN 1877-0509	Journal
Sharma S., Verma S., Jyoti K.	A new bat algorithm with distance computation capability and its applicability in routing for WSN	2019	Advances in Intelligent Systems and Computing	898		163	171	10.1007/978-981-13-3393-4_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062263400&doi=10.1007/978-981-13-3393-4_17&partnerID=40&md5=5571d3	Springer Verlag	International Conference on Soft Computing and Signal Processing, ICSCSP 2018	22 June 2018 through 23 June 2018	21945357	Conference Paper
Kamboj S., Mann K.S.	Detection of Multiple Malicious Nodes Using Entropy for Mitigating the Effect of Denial of Service Attack in VANETS	2019	Proceedings - 4th International Conference on Computing Sciences, ICCS 2018			72	79	10.1109/ICCS.2018.00018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062064302&doi=10.1109/ICCS.2018.00018&partnerID=40&md5	Institute of Electrical and Electronics Engineers Inc.	4th International Conference on Computing Sciences, ICCS 2018	30 August 2018 through 31 August 2018		Conference Paper
Kiran J., Kaishveen K.	Prediction analysis of crime in India using a hybrid clustering approach	2019	Proceedings of the International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2018			520	523	10.1109/I-SMAC.2018.8653744	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063518857&doi=10.1109/ICCS.2018.8653744&partnerID=40	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC	30 August 2018 through 31 August 2018		Conference Paper
Kumar S., Mann K.S.	Prevention of DoS Attacks by Detection of Multiple Malicious Nodes in VANETS	2019	2019 International Conference on Automation, Computational and Technology Management, ICACTM 2019			89	94	10.1109/ICACTM.2019.8776846	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070578981&doi=10.1109/ICACTM.2019.8776846&partnerID=40&md5=6af43e4a5fad74e0584	Institute of Electrical and Electronics Engineers Inc.	2019 International Conference on Automation, Computational and Technology Management, ICACTM 2019	24 April 2019 through 26 April 2019		Conference Paper
Kaur S., Mann K.S.	Optimized Technique for Detection of Diabetic Retinopathy using Segmented Retinal Blood Vessels	2019	2019 International Conference on Automation, Computational and Technology Management, ICACTM 2019			79	83	10.1109/ICACTM.2019.8776708	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070577927&doi=10.1109/ICACTM.2019.8776708&partnerID=40&md5=eabf4ba6f653ee9c6f7	Institute of Electrical and Electronics Engineers Inc.	2019 International Conference on Automation, Computational and Technology Management, ICACTM 2019	24 April 2019 through 26 April 2019		Conference Paper

Kanwal N., Girdhar A. , Kaur L., Bhullar J.S.	Detection of Digital Image Forgery using Fast Fourier Transform and Local Features	2019	2019 International Conference on Automation, Computational and Technology Management, ICACTM 2019			262	267	10.1109/ICACTM.2019.8776709	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070632990&doi=10.1109%2FICACTM.2019.8776709&partnerID=40&md5=70cea1307ac554156d	Institute of Electrical and Electronics Engineers Inc.	2019 International Conference on Automation, Computational and Technology Management, ICACTM 2019	24 April 2019 through 26 April 2019		Conference Paper
Singh R., Mann K.S.	Improved TDMA Protocol for Channel Sensing in Vehicular Ad Hoc Network Using Time Lay	2019	Lecture Notes in Networks and Systems	46		303	311	10.1007/978-981-13-1217-5_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063510329&doi=10.1007%2F978-981-13-1217-5_30&partnerID=40&md5=1e8375	Springer			23673370	Book Chapter
Kaur A., Mann K.S.	Hybrid Classifier for Bone Age Assessment	2019	Lecture Notes in Networks and Systems	46		439	444	10.1007/978-981-13-1217-5_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063472467&doi=10.1007%2F978-981-13-1217-5_43&partnerID=40&md5=f558caa	Springer			23673370	Book Chapter
Kamra A. , Sood P., Girdhar A.	Investigation on ROI size and location to classify mammograms	2019	International Journal of Biomedical Engineering and Technology	29	1	68	83	10.1504/IJBET.2019.096881	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058819950&doi=10.1504%2FIJBET.2019.096881&partnerID=40&md5	Inderscience Enterprises Ltd.			17526418	Article
Prashar D., Jyoti K.	Distance Error Correction Based Hop Localization Algorithm for Wireless Sensor Network	2019	Wireless Personal Communications					10.1007/s11277-019-06225-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062936608&doi=10.1007%2Fs11277-019-06225-0&partnerID=40&md5=30d6b	Springer New York LLC			9296212	Article
Gill J., Girdhar A. , Singh T.	Enhancement-based background separation techniques for fruit grading and sorting	2019	International Journal of Intelligent Systems Technologies and Applications	18	3	223	256	10.1504/IJISTA.2019.099342	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065133656&doi=10.1504%2FIJISTA.2019.099342&partnerID=40&md5=280df324681e372500408	Inderscience Enterprises Ltd.			17408865	Article
Kaur A., Gupta P., Singh M.	Hybrid balanced task clustering algorithm for scientific workflows in cloud computing	2019	Scalable Computing	20	2	237	258	10.12694/scpe.v20i2.1515	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065486801&doi=10.12694%2fscpe.v20i2.1515&partnerID=40&md5	West University of Timisoara			18951767	Article
Singh P., Gupta P., Jyoti K.	Triangulation resource provisioning for web applications in cloud computing: A profit-aware approach	2019	Scalable Computing	20	2	207	222	10.12694/scpe.v20i2.1510	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065505505&doi=10.12694%2fscpe.v20i2.1510&partnerID=40&md5	West University of Timisoara			18951767	Article
Singh P., Gupta P., Jyoti K. , Nayyar A.	Research on auto-scaling of web applications in cloud: Survey, trends and future directions	2019	Scalable Computing	20	2	399	432	10.12694/scpe.v20i2.1537	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065506118&doi=10.12694%2fscpe.v20i2.1537&partnerID=40&md5	West University of Timisoara			18951767	Article

Kaur A., Gupta P., Singh M., Nayyar A.	Data placement in era of cloud computing: A survey, taxonomy and open research issues	2019	Scalable Computing	20	2	377	398	10.12694/scpe.v20i2.1530	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065491134&doi=10.12694%2fscpe.v20i2.1530&partnerID=40&md5	West University of Timisoara			18951767	Article
Singh P., Gupta P., Jyoti K.	TASM: technocrat ARIMA and SVR model for workload prediction of web applications in cloud	2019	Cluster Computing	22	2	619	633	10.1007/s10586-018-2868-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057194777&doi=10.1007%2fs10586-018-2868-6&partnerID=40&md5=95eb9	Springer New York LLC			13867857	Article
Bhambri P., Sinha V.K., Jaiswal M.	Change in iris dimensions as a potential human consciousness level indicator	2019	International Journal of Innovative Technology and Exploring Engineering	8	9 Special	517	525	10.35940/ijtee.I1082.0789S19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073393257&doi=10.35940%2fijtee.I1082.0789S19&partnerID=40&md5	Blue Eyes Intelligence Engineering and Sciences Publication			22783075	Article
Gill J., Girdhar A., Singh T.	A Review of Enhancement and Segmentation Techniques for Digital Images	2019	International Journal of Image and Graphics	19	3			10.1142/S021946781950013X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069481919&doi=10.1142%2fS021946781950013X&partnerID=40&md5	World Scientific Publishing Co. Pte Ltd			2194678	Article
Dua S., Kamra A.	Using vector quantization technique in recognition of gurbani hymns (Japji Sahib): LBG algorithm (VQ)	2019	International Journal of Engineering and Advanced Technology	8	6	4708	4713	10.35940/ijeat.F8667.088619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072088871&doi=10.35940%2fijeat.F8667.088619&partnerID=40&md5=42b25c3686e2c168c9cf0	Blue Eyes Intelligence Engineering and Sciences Publication			22498958	Article
Kawatra M., Singh J., Bagga S.	Wheat yield prediction using data mining	2019	International Journal of Recent Technology and Engineering	8	3	989	993	10.35940/ijrte.C4057.098319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073758401&doi=10.35940%2fijrte.C4057.098319&partnerID=40&md5	Blue Eyes Intelligence Engineering and Sciences Publication			22773878	Article
Verma P., Jyoti K.	Chatbots employing deep learning for big data	2019	International Journal of Innovative Technology and Exploring Engineering	8	11	1005	1010	10.35940/ijtee.I8017.0981119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073295313&doi=10.35940%2fijtee.I8017.0981119&partnerID=40&md5=27095eaa626d6dff48d1	Blue Eyes Intelligence Engineering and Sciences Publication			22783075	Article
Singh H., Mann K.S.	An efficient clustering based CBIR system using hadoop to analyze massive MRI images dataset for early disease diagnosis	2019	International Journal of Engineering and Advanced Technology	9	1	270	278	10.35940/ijeat.A1139.109119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074599762&doi=10.35940%2fijeat.A1139.109119&partnerID=40&md5=f8837c5c8bfac9cc3c94	Blue Eyes Intelligence Engineering and Sciences Publication			22498958	Article
Sharma N., Bagga S., Girdhar A.	NOVEL APPROACH for DENOISING USING HADOOP IMAGE PROCESSING INTERFACE	2018	Procedia Computer Science	132		1327	1350	10.1016/j.procs.2018.05.049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049063694&doi=10.1016%2fj.procs.2018.05.049&partnerID=40&md5	Elsevier B.V.	2018 International Conference on Computational Intelligence and Data Science, ICCIDS 2018	7 April 2018 through 8 April 2018	18770509	Conference Paper

Kaur R., Girdhar A. , Arora P.	Detection of rainmass from RADAR images using wavelets	2018	Proceedings of the 2nd International Conference on Communication and Electronics Systems, ICCES 2017	2018-January		424	428	10.1109/CESYS.2017.8321314	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047116542&doi=10.1109%2FICESYS.2017.8321314&partnerID=40&	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on Communication and Electronics Systems, ICCES 2017	19 October 2017 through 20 October 2017		Conference Paper
Kumar D., Girdhar A.	Network monitoring & analysis along with comparative study of honeypots	2018	Proceedings of the International Conference on Intelligent Sustainable Systems, ICISS 2017			736	739	10.1109/ISSI.2017.8389270	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050021642&doi=10.1109%2FIISS1.2017.8389270&partnerID=40&md	Institute of Electrical and Electronics Engineers Inc.	2017 International Conference on Intelligent Sustainable Systems, ICISS 2017	7 December 2017 through 8 December 2017		Conference Paper
Ashu, Kaur A., Singh M. , Singh P.	A taxonomy, survey on placement of virtual machines in cloud	2018	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing, ICECDS 2017			2054	2058	10.1109/ICECD.S.2017.8389810	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050133272&doi=10.1109%2FICECDS.2017.8389810&partnerID=40&md5=302095d42efe304d991	Institute of Electrical and Electronics Engineers Inc.	2017 International Conference on Energy, Communication, Data Analytics and Soft Computing,	1 August 2017 through 2 August 2017		Conference Paper
Sharma U., Bagga S. , Girdhar A.	Querying capability comparison of Hadoop technologies to find the more sustainable platform for big data	2018	IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017			2896	2900	10.1109/ICPCSI.2017.8392252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050088568&doi=10.1109%2FICPCSI.2017.8392252&partnerID=40&md5=6ad5cbd935e18a1354f8369d002e2748	Institute of Electrical and Electronics Engineers Inc.	2017 IEEE International Conference on Power, Control, Signals and Instrumentation Engineering, ICPCSI 2017	21 September 2017 through 22 September 2017		Conference Paper
Kaur M., Girdhar A.	A Framework for the Indirect Assessment Tool for Outcome Based Education Using Data Mining	2018	2018 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2018					10.1109/ICCIC.2018.8782336	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070942278&doi=10.1109%2FICCIC.2018.8782336&partnerID=40&md5=833e3785204c794b58983a1fd9	Institute of Electrical and Electronics Engineers Inc.	9th IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2018	13 December 2018 through 15 December 2018		Conference Paper
Kaur T., Girdhar A. , Gupta G.	A Robust Algorithm for the Detection of Cloning Forgery	2018	2018 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2018					10.1109/ICCIC.2018.8782292	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071004265&doi=10.1109%2FICCIC.2018.8782292&partnerID=40&md5=bac50445cef276a3d3dd2fc9031dfc88	Institute of Electrical and Electronics Engineers Inc.	9th IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2018	13 December 2018 through 15 December 2018		Conference Paper
Bhatia J., Girdhar A. , Singh I.	An automated survey designing tool for indirect assessment in outcome based education using data mining	2018	Proceedings - 5th IEEE International Conference on MOOCs, Innovation and Technology in Education, MITE 2017			95	100	10.1109/MITE.2017.00023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061491350&doi=10.1109%2FMITE.2017.00023&partnerID=40&md5=e104a13169aefa692626d586e497	Institute of Electrical and Electronics Engineers Inc.	5th IEEE International Conference on MOOCs, Innovation and Technology in Education, MITE 2017	27 October 2017 through 28 October 2017		Conference Paper
Kaur S., Girdhar A. , Gill J.	Computer Vision-Based Tomato Grading and Sorting	2018	Lecture Notes in Networks and Systems	38		75	84	10.1007/978-981-10-8360-10-8360-0_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063154200&doi=10.1007%2F978-981-10-8360-0_7&partnerID=40&md5=bdQa06f9	Springer		23673370	Book Chapter	

Srao B.K., Rai H.S., Mann K.S.	Why india should make it compulsory to go for BIM	2018	Analyzing the Role of Risk Mitigation and Monitoring in Software Development			266	277	10.4018/978-1-5225-6029-6.ch017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049549432&doi=10.4018%2F978-1-5225-6029-6.ch017&partnerID=40&md5=5f12	IGI Global					Book Chapter
Sharma S., Verma S., Jyoti K. , Kavita	Hybrid bat algorithm for balancing load in cloud computing	2018	International Journal of Engineering and Technology(UAE)	7	4	26	29	10.14419/ijet.v7i4.12.20986	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054548883&doi=10.14419%2Fijet.v7i4.12.20986&partnerID=40&md5=	Science Publishing Corporation Inc			2227524X	Article	
Kaur P., Singh M. , Josan G.S., Dhillon S.S.	Rank aggregation using ant colony approach for metasearch	2018	Soft Computing	22	13	4477	4492	10.1007/s00500-017-2723-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025480026&doi=10.1007%2Fs00500-017-2723-3&partnerID=40&md5=a952d	Springer Verlag			14327643	Article	
Prashar D., Jyoti K. , Kumar D.	Design and analysis of distance error correction-based localization algorithm for wireless sensor networks	2018	Transactions on Emerging Telecommunications Technologies	29	12			10.1002/ett.3547	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057527868&doi=10.1002%2Fett.3547&partnerID=40&md5=2a9ae8	Wiley Blackwell			21615748	Article	
Mann K.S. , Kaur S.	Segmentation of retinal blood vessels using artificial neural networks for early detection of diabetic retinopathy	2017	AIP Conference Proceedings	1836				10.1063/1.4981966	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021359952&doi=10.1063%2F1.4981966&partnerID=40&md5=dd55	American Institute of Physics Inc.	1st International Conference on Applied Mathematics and Computer Science, ICAMCS	27 January 2017 through 29 January 2017	0094243X	Conference Paper	
Vishali, Singh P., Kaur A., Singh M.	Heuristic data placement and replication for scientific workflow in cloud computing	2017	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018-January		991	997	10.1109/ICCON S.2017.8250613	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047472558&doi=10.1109%2FICCON.S.2017.8250613&partnerID=40	Institute of Electrical and Electronics Engineers Inc.	2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	15 June 2017 through 16 June 2017		Conference Paper	
Kumari P., Kaur A., Singh P., Singh M.	Robust energy-aware task scheduling for scientific workflow in cloud computing	2017	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018-January		985	990	10.1109/ICCON S.2017.8250612	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047453880&doi=10.1109%2FICCON.S.2017.8250612&partnerID=40	Institute of Electrical and Electronics Engineers Inc.	2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	15 June 2017 through 16 June 2017		Conference Paper	
Kaur G., Bagga S. , Mann K.S.	Hadoop Approach to Cluster Based Cache Oblivious Peano Curves	2017	Proceedings - 7th IEEE International Advanced Computing Conference, IACC 2017			115	120	10.1109/IACC.2017.0037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027005553&doi=10.1109%2FIACC.C.2017.0037&partnerID=40&md5=	Institute of Electrical and Electronics Engineers Inc.	7th IEEE International Advanced Computing Conference, IACC 2017	5 January 2017 through 7 January 2017		Conference Paper	
Singh J., Kamra A. , Singh H.	Prediction of heart diseases using associative classification	2017	2016 5th International Conference on Wireless Networks and Embedded Systems, WECON 2016					10.1109/WECON.2016.7993480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028524953&doi=10.1109%2FWECON.2016.7993480&partnerID=40	Institute of Electrical and Electronics Engineers Inc.	5th International Conference on Wireless Networks and Embedded Systems, WECON	14 October 2016 through 16 October 2016		Conference Paper	

Bagga S., Girdhar A. , Trivedi M.C.	SPMD based time sharing intelligent approach for image denoising	2017	Journal of Intelligent and Fuzzy Systems	32	5	3561	3573	10.3233/JIFS-169292	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018671333&doi=10.3233%2FJIFS-169292&partnerID=40&md5=cb2c189493afa5a91a7538967dfb	IOS Press			10641246	Article
Kaur P., Singh M. , Singh Josan G.	Comparative analysis of Rank Aggregation techniques for metasearch using genetic algorithm	2017	Education and Information Technologies	22	3	965	983	10.1007/s10639-016-9467-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957612796&doi=10.1007%2Fs10639-016-9467-z&partnerID=40&md5=c1b0a	Springer New York LLC			13602357	Article
Kaur M., Girdhar A. , Bagga S.	Cluster based approach to cache oblivious average filter using RMI	2016	Advances in Intelligent Systems and Computing	530		397	408	10.1007/978-3-319-47952-1_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989886584&doi=10.1007%2F978-3-319-47952-1_31&partnerID=40&md5=5971a9	Springer Verlag	International Symposium on Intelligent Systems Technologies and Applications, ISTA 2016	21 September 2016 through 24 September 2016	21945357	Conference Paper
Kaur M., Kaur P., Singh M.	Rank Aggregation using Multi Objective Genetic Algorithm	2016	Proceedings on 2015 1st International Conference on Next Generation Computing Technologies, NGCT 2015			836	840	10.1109/NGCT.2015.7375237	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964499379&doi=10.1109%2FNGCT.2015.7375237&partnerID=40&md5=	Institute of Electrical and Electronics Engineers Inc.	1st International Conference on Next Generation Computing Technologies, NGCT 2015	4 September 2015 through 5 September 2015		Conference Paper
Kumar A., Prakash A., Sharma S., Jyoti K.	Vehicle authentication and message hiding protocol for vehicle to vehicle communication	2016	Proceedings on 2015 1st International Conference on Next Generation Computing Technologies, NGCT 2015			383	387	10.1109/NGCT.2015.7375146	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964555770&doi=10.1109%2FNGCT.2015.7375146&partnerID=40&md5=	Institute of Electrical and Electronics Engineers Inc.	1st International Conference on Next Generation Computing Technologies, NGCT	4 September 2015 through 5 September 2015		Conference Paper
Prashar D., Kumar D., Jyoti K.	Performance analysis of secure localization techniques in wireless sensor network	2016	ACM International Conference Proceeding Series	04-05-March-2016				10.1145/2905055.2905106	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988569200&doi=10.1145%2F2905055.2905106&partnerID=40&md5=7a95b6dd40313bcd864a9b894d1_0d09a	Association for Computing Machinery	2nd International Conference on Information and Communication Technology for Competitive Strategies, ICTCS 2016	4 March 2016 through 5 March 2016		Conference Paper
Bamrah I.S., Girdhar A.	Investigation on impact of reservation policy on student enrollment using data mining	2016	2015 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2015					10.1109/ICCIC.2015.7435773	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965002252&doi=10.1109%2FICCIC.2015.7435773&partnerID=40&md5=0b86a2358a0611b71cda b7823_592a4fd	Institute of Electrical and Electronics Engineers Inc.	6th IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2015	10 December 2015 through 12 December 2015		Conference Paper
Kaur K., Sharma A.S. , Sohal H.S., Kaur A.	Adaptive Random Key Scheme for Authentication and Key Agreement (ARKS- AKA) for efficient LTE security	2016	2015 2nd International Conference on Recent Advances in Engineering and Computational Sciences, RA ECS 2015					10.1109/RAECS.2015.7453422	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966614890&doi=10.1109%2FRAECS.2015.7453422&partnerID=40&md5=bfdb3a26460f2863b35b	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on Recent Advances in Engineering and Computational Sciences, RA ECS 2015	21 December 2015 through 22 December 2015		Conference Paper

Kaur A., Sohal H.S., Sharma A.S., Kaur K.	A Rigid Relationship Based Key Security (RRBKS) algorithm for WSN's	2016	2015 2nd International Conference on Recent Advances in Engineering and Computational Sciences, RAECS 2015					10.1109/RAECS.2015.7453423	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966642485&doi=10.1109%2FRAECS.2015.7453423&partnerID=40&md5=31a151712f54d09dbf62	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on Recent Advances in Engineering and Computational Sciences, RAECS 2015	21 December 2015 through 22 December 2015		Conference Paper	
Kaur A., Girdhar A., Kanwal N.	Region of interest based contrast enhancement techniques for CT images	2016	Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016		60	63		10.1109/CICT.2016.21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987657417&doi=10.1109%2FCICT.2016.21&partnerID=40&md5=b1cf0f3f1f0b82c568884a44717	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016	12 February 2016 through 13 February 2016		Conference Paper	
Bagga S., Girdhar A., Yan R., Lin Z.	Virtualization approach to cluster based Winograd's Variant of Strassen's method using RMI	2016	Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016		82	88		10.1109/CICT.2016.25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987629913&doi=10.1109%2FCICT.2016.25&partnerID=40&md5=c73930b8523749b3493d6e40a	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016	12 February 2016 through 13 February 2016		Conference Paper	
Bagga S., Girdhar A., Trivedi M.C., Yang Y.	RMI approach to cluster based cache oblivious peano curves	2016	Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016		89	95		10.1109/CICT.2016.26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84987668839&doi=10.1109%2FCICT.2016.26&partnerID=40&md5=c8e69d885838b02bb23fb4a9f0	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016	12 February 2016 through 13 February 2016		Conference Paper	
Sharma S., Luhach A.K., Jyoti K.	Research & analysis of advancements in BAT algorithm	2016	Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016	2391	2396				https://www.scopus.com/inward/record.uri?eid=2-s2.0-84997107905&partnerID=40&md5=3909af7a986610e69758f539ad90_30b1	Institute of Electrical and Electronics Engineers Inc.	3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016	16 March 2016 through 18 March 2016		Conference Paper	
Abdullah S.S., Jyoti K., Sharma S., Pandey U.S.	Review of recent load balancing techniques in cloud computing and BAT algorithm variants	2016	Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016	2428	2431				https://www.scopus.com/inward/record.uri?eid=2-s2.0-84997294850&partnerID=40&md5=c0aba1b5e5d4e80f0b7673fedc01_29da	Institute of Electrical and Electronics Engineers Inc.	3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016	16 March 2016 through 18 March 2016		Conference Paper	
Sharma S., Luhach A.K., Jyoti K.	A novel approach of load balancing in cloud computing using computational intelligence	2016	International Journal of Engineering and Technology	8	1	124	128		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960496016&partnerID=40&md5=56f995ee74f02e51582138d	Engg Journals Publications			23198613	Article	
Bhatt M., Sharma S., Prakash A., Pandey U.S., Jyoti K.	Traffic collision avoidance in VANET using computational intelligence	2016	International Journal of Engineering and Technology	8	1	364	370		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960540192&partnerID=40&md5=c85738faed6b28a985e28c6	Engg Journals Publications				23198613	Article

Kamra A., Jain V.K., Singh S., Mittal S.	Characterization of Architectural Distortion in Mammograms Based on Texture Analysis Using Support Vector Machine Classifier with Clinical Evaluation	2016	Journal of Digital Imaging	29	1	104	114	10.1007/s10278-015-9807-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84955357527&doi=10.1007%2Fs10278-015-9807-3&partnerID=40&md5=a0eb0cb0d64e3834c06e4de604bee71d	Springer New York LLC			8971889	Article
Karwal H., Girdhar A.	Vehicle number plate detection system for Indian vehicles	2015	Proceedings - 2015 IEEE International Conference on Computational Intelligence and Communication Technology, CICT 2015			8	12	10.1109/CICT.2015.13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928103322&doi=10.1109%2FCICT.2015.13&partnerID=40&md5=a912f5b05cfeef59c449242b95fff775	Institute of Electrical and Electronics Engineers Inc.	2015 IEEE International Conference on Computational Intelligence and Communication Technology, CICT 2015	13 February 2015 through 14 February 2015		Conference Paper
Kang H.S., Mann K.S.	Radiology information system's mechanisms: HL7-MHS and HL7/DICOM translation	2015	Smart Innovation, Systems and Technologies	31		1	9	10.1007/978-81-322-2205-7_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84920030514&doi=10.1007%2F978-81-322-2205-7_1&partnerID=40&md5=f25	Springer Science and Business Media Deutschland GmbH	1st International Conference on Computational Intelligence in Data Mining, ICCIDM 2014	20 December 2014 through 21 December 2014	21903018	Conference Paper
Singh P., Singh G.B., Jyoti K.	A study on resource provisioning of multi-tier web applications in cloud computing	2015	2015 International Conference on Computing for Sustainable Global Development, INDIACom 2015			799	802		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960908612&partnerID=40&md5=61fa42eaf63477f1180b095ac646f4ea	Institute of Electrical and Electronics Engineers Inc.	2nd International Conference on Computing for Sustainable Global Development, INDIACom 2015	11 March 2015 through 13 March 2015		Conference Paper
Kaur P., Singh M., Josan G.S.	Classification and Prediction Based Data Mining Algorithms to Predict Slow Learners in Education Sector	2015	Procedia Computer Science	57		500	508	10.1016/j.procs.2015.07.372	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84944040844&doi=10.1016%2Fj.procs.2015.07.372&partnerID=40&md5=	Elsevier	3rd International Conference on Recent Trends in Computing, ICRTC 2015	12 March 2015 through 13 March 2015	18770509	Conference Paper
Girdhar A., Gupta S., Bhullar J.	Region based adaptive contrast enhancement of medical ultrasound images	2015	Proceedings - 2015 IEEE International Conference on Computational Intelligence and Communication Technology, CICT 2015			750	753	10.1109/CICT.2015.120	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928157637&doi=10.1109%2FCICT.2015.120&partnerID=40&md5=95915d15787c7f43cd6bbbd9711a3a62	Institute of Electrical and Electronics Engineers Inc.	2015 IEEE International Conference on Computational Intelligence and Communication Technology, CICT 2015	13 February 2015 through 14 February 2015		Conference Paper
Sharma A.S., Malhi M.S., Singh M., Singh R.	CSLA - An application using Android Capstone project	2015	Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			382	385	10.1109/MITE.2014.7020308	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84923509308&doi=10.1109%2FMITE.2014.7020308&partnerID=40&md5=461ca1d57a0d99f9caabbfdb1271a521	Institute of Electrical and Electronics Engineers Inc.	2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014	19 December 2014 through 20 December 2014		Conference Paper
Mann K.S., Kaur N.	Mitochondrial DNA for Bio-molecular Archaeology of mummies	2015	Proceedings of 2015 IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2015					10.1109/ICECCT.2015.7226105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954191261&doi=10.1109%2FICECCT.2015.7226105&partnerID=40&md5=d2b71271989f43a88d112a67358d90a9	Institute of Electrical and Electronics Engineers Inc.	1st IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2015	5 March 2015 through 7 March 2015		Conference Paper

Mann K.S., Kaur N.	Cloud-deployable health data mining using secured framework for Clinical decision support system	2015	2015 International Conference and Workshop on Computing and Communication, IEMCON 2015					10.1109/IEMCO N.2015.7344518	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960860376&doi=10.1109%2FIEMCON.2015.7344518&partnerID=40	Institute of Electrical and Electronics Engineers Inc.	International Conference and Workshop on Computing and Communication, IEMCON 2015	15 October 2015 through 17 October 2015		Conference Paper
Girdhar A., Gupta S., Bhullar J.	Non-homomorphic technique for despeckling of medical ultrasound images using curvelet thresholding	2015	Advanced Science Letters	21	1	107	111	10.1166/asl.2015.5739	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930469077&doi=10.1166%2Fasl.2015.5739&partnerID=40&md5=80	American Scientific Publishers			19366612	Article
Girdhar A., Gupta S., Bhullar J.	Weighted variance based scale adaptive threshold for despeckling of medical ultrasound images using curvelets	2015	Journal of Medical Imaging and Health Informatics	5	2	272	281	10.1166/jmih.2015.1384	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921796563&doi=10.1166%2Fjmih.2015.1384&partnerID=40&md5=	American Scientific Publishers			21567018	Article
Singh P., Singh P., Jyoti K.	Performance analysis of object based accountability framework in cloud computing	2015	International Journal of Applied Engineering Research	10	55	2913	2920		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942412295&partnerID=40&md5=a0ff120a32359efcd5535523	Research India Publications			9734562	Article