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Reesearch Paper Published in scopus/web of science indexed journals and conferences

Authors	Year	Title	Source title	Volume	Issue	Page start	Page end	DOI
Kumar, S., Saini, S., Singh, K.K.	2018	Effects of mass variation on structures of differentially rotating polytropic stars	New Astronomy	62		26	36	10.1016/j.newast.2018.01.003
Uniyal, S., Sikander, A.	2018	A Novel Design Technique for Brushless DC Motor in Wireless Medical Applications	Wireless Personal Communications			1	13	10.1007/s11277-018-5845-8
Negi, S., Mittal, P., Kumar, B.	2018	Impact of different layers on performance of OLED	Microsystem Technologies			1	9	10.1007/s00542-018-3918-y
Sikander, A., Thakur, P.	2018	Reduced order modelling of linear time-invariant system using modified cuckoo search algorithm	Soft Computing	22	10	3449	3459	10.1007/s00500-017-2589-4
Negi, A., Bhandari, N., Shyamial, B.R.K., Chaudhary, S.	2018	Inverse docking based screening and identification of protein targets for Cassiarin alkaloids against Plasmodium falciparum	Saudi Pharmaceutical Journal	26	4	546	567	10.1016/j.jsps.2018.01.017
Nayak, A., Bhushan, B., Rosales, A., Turienzo, L.R., Cortina, J.L.	2018	Valorisation potential of Cabernet grape pomace for the recovery of polyphenols: Process intensification, optimisation and study of kinetics	Food and Bioproducts Processing	109		74	85	10.1016/j.fbp.2018.03.004
Luthra, S., Mangla, S.K., Venkatesh, V.G., Jakhar, S.K.	2018	Management of risks in sustainable supply chain using AHP and monte carlo simulation	Global Business Expansion: Concepts, Methodologies, Tools, and Appl.			1633	1652	10.4018/978-1-5225-5481-3.ch075
Sonker, N., Bajpai, J., Bajpai, A.K., Mishra, A.	2018	Facile synthesis and characterization of iron oxide@egg albumin (IOEA) as core@shell nanoparticles and study of water intake potential	Nano-Structures and Nano-Objects	14		1	10	10.1016/j.nanoso.2018.01.003
Hartwig, J., Mittal, G., Kumar, K., Sung, C.-J.	2018	System Validation Experiments for Obtaining Tracer Laser-Induced Fluorescence Data at Elevated Pressure and Temperature	Applied Spectroscopy	72	4	618	626	10.1177/0003702817746409
Yadav, S.K., Rajput, A.K., Ram, N., Sharma, S.C.	2018	A direct numerical approach to compute the nonlinear rotordynamic coefficient of the noncircular gas journal bearing	Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology	232	4	453	468	10.1177/1350650117719602
Enayatpour, B., Rajabi, M., Moradi, O., Asdolehzade, N., Nayak, A., Agarwal, S., Gupta, V.K.	2018	Adsorption kinetics of lysozyme on multi-walled carbon nanotubes and amino functionalized multi-walled carbon nanotubes from aqueous solution	Journal of Molecular Liquids	254		93	97	10.1016/j.molliq.2018.01.079

Patil, P.P., Kumar, A., Ahmad, F.	2018	Omega Design and FEA Based Coriolis Mass Flow Sensor (CMFS) Analysis Using Titanium Material	IOP Conference Series: Materials Science and Engineering	310	1			10.1088/1757-899X/310/1/012005
Sharma, N., Godiyal, R.D., Bhawana, Thapliyal, B.P., Anupam, K.	2018	Pulping and Bleaching of Hydro Distillation Waste of Citronella Grass (Cymbopogon winterianus Jowitt) for Papermaking	Waste and Biomass Valorization	9	3	409	419	10.1007/s12649-016-9791-y
Bachheti, R.K., Rai, I., Mishra, V.K., Joshi, A.	2018	Antioxidant and antimicrobial properties of seed oil of Datura metel	Journal of Environmental Biology	39	2	182	188	10.22438/jeb/39/2/MRN-341
Bora, R., Bisht, A., Saini, A., Gupta, T., Mittal, A.	2018	ISL gesture recognition using multiple feature fusion	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WISPNET 2017	2018-January		196	199	10.1109/WISPNET.2017.8299747
Prasad, R.S., Prasad, S., Prasad, V.	2018	Pattern recognition in thought form images using chromaticity parameters	Proceedings of the 2017 International Conference on Wireless Communications, Signal Processing and Networking, WISPNET 2017	2018-January		2667	2674	10.1109/WISPNET.2017.8300247
Shah, J., Bhatt, P., Diana Diana Dayas, K., Kotnala, R.K.	2018	Significant role of antiferromagnetic GdFeO ₃ on multiferroism of bilayer thin films	Materials Research Express	5	2			10.1088/2053-1591/aaab8e
Ruwali, P., Ambwani, T.K., Gautam, P.	2018	In vitro immunomodulatory potential of Artemisia indica Willd. In chicken lymphocytes	Veterinary World	11	1	80	87	
Gupta, M., Walia, A., Gupta, S., Sikander, A.	2018	Modelling and identification of single area power system for load frequency control	4th IEEE International Conference on Signal Processing, Computing and Control, ISPC 2017	2017-January		436	439	10.1109/ISPC.2017.8269718
Jerripothula, K.R., Cai, J., Yuan, J.	2018	Quality-guided Fusion-based Co-saliency Estimation for Image Co-segmentation and Co-localization	IEEE Transactions on Multimedia					10.1109/TMM.2018.2798294
Mittal, A., Dua, I., Shukla, P., Raman, B.	2018	A Computer Vision Framework for Detecting and Preventing Human-Elephant Collisions	Proceedings - 2017 IEEE International Conference on Computer Vision Workshops, ICCVW 2017	2018-January		2883	2890	10.1109/ICCVW.2017.340
Rathi, V., Panwar, V.	2018	Electromagnetic Interference Shielding Analysis of Conducting Composites in Near- and Far-Field Region	IEEE Transactions on Electromagnetic Compatibility					10.1109/TEM.2017.2780883
Tripathi, V., Gangodkar, D., Pandey, M., Sanserwal, V.	2018	An efficient framework based on segmented block analysis for human activity recognition	Advances in Intelligent Systems and Computing	701		409	417	10.1007/978-981-10-7563-6_42
Devi, P.B., Yengkhom, A., Hasan, M.I., Chandwani, G.	2018	Capacity of dual branch MRC system over correlated nakagami-M fading channels-A review	Wireless Personal Communications	98	2	1735	1752	10.1007/s11277-017-4942-4
Jadli, U., Uniyal, S., Uniyal, I.	2018	Design of a Single-Axis solar tracker using LDRs	Advances in Intelligent Systems and Computing	624		1041	1049	10.1007/978-981-10-5903-2_110

Goyal, N., Ram, M., Banga, S.	2018	Sensitivity assessment of air and refrigeration	Kuwait Journal of Science	45	1	29	38	
Saini, P., Uniyal, I., Singh, N.	2018	Offline graphical analysis of signatures using geometric features and artificial neural network	Advances in Intelligent Systems and Computing	624		1065	1077	10.1007/978-981-10-5903-2_112
Nautiyal, S., Nautiyal, P., Negi, S., Mittal, P.	2018	Contact resistance-dependent OTFT behaviour: Effect of channel length	Advances in Intelligent Systems and Computing	624		107	113	10.1007/978-981-10-5903-2_12
Singh, V., Pant, B., Singh, D.P.	2018	Study and analysis of demonetization move taken by Indian prime minister Mr. Narendra Modi	Smart Innovation, Systems and Technologies	79		721	727	10.1007/978-981-10-5828-8_68
Aarya, D.D., Kumar, M.	2018	A production inventory model with selling price and stock sensitive demand under partial backlogging	International Journal of Mathematics in Operational Research	12	3	350	363	10.1504/IJMOR.2018.090802
Nautiyal, P., Rathod, A.P.S., Nautiyal, S., Mittal, P.	2018	Enhancement in efficiency of hybrid organic photovoltaics by variation in anode material	Advances in Intelligent Systems and Computing	624		115	121	10.1007/978-981-10-5903-2_13
Kala, S., Panwar, V., Panwar, L., Sharma, S.	2018	Comparative Analysis of MEMS Piezoelectric Materials for the Design of a Piezotube-Type Pressure Sensor	Advances in Intelligent Systems and Computing	624		1537	1549	10.1007/978-981-10-5903-2_160
Uniyal, I., Sikander, A.	2018	A comparative analysis of PID controller design for AVR based on optimization techniques	Advances in Intelligent Systems and Computing	624		1315	1323	10.1007/978-981-10-5903-2_138
Singh, A., Sharma, A., Kumari, P.	2018	FPGA Implementation of High Speed Multiplier with Optimized Reduction Phase	Advances in Intelligent Systems and Computing	624		187	195	10.1007/978-981-10-5903-2_21
Negi, S., Mittal, P., Kumar, B.	2018	Performance analysis of double block layer OLED and variation in ratio of double block layer	Advances in Intelligent Systems and Computing	624		123	128	10.1007/978-981-10-5903-2_14
Gupta, A., Ram, M.	2018	Finite difference solution to stochastic partial differential equations in reliability	International Journal of Industrial and Systems Engineering	28	2	166	177	10.1504/IJISE.2018.089135
Tripathi, V., Gangodkar, D., Badoni, S., Bisht, S.S.	2018	GPU Based Bag of Feature for Fast Activity Detection in Video	Advances in Intelligent Systems and Computing	563		133	141	10.1007/978-981-10-6872-0_13
Kumari, P., Sharma, A., Singh, A.	2018	Implementation of Adder Circuit Using Quantum-Dot Cellular Automata-Based Logic Gates	Advances in Intelligent Systems and Computing	624		173	185	10.1007/978-981-10-5903-2_20
Verma, R.P., Pandey, K.N.	2018	Study of fatigue crack growth rate of AA6061 at different stress ratios	Lecture Notes in Mechanical Engineering		9.8E+12	67	74	10.1007/978-981-10-6002-1_6
Semwal, P., Painuli, S., Painuli, R.M.	2018	Evaluation of phytochemical, radical scavenging and antimicrobial profile of Pittosporum eriocarpum royal (Agni) from Uttarakhand Region, India	International Journal of Green Pharmacy	12	1			
Yadav, S.K., Rajput, A.K., Ram, N., Sharma, S.C.	2018	A novel technique to compute static and dynamic performance characteristics of aerostatic thrust bearing	Industrial Lubrication and Tribology	70	1	84	96	10.1108/ILT-04-2017-0090
Luthra, S., Garg, D., Mangla, S.K., Singh Berwal, Y.P.	2018	Analyzing challenges to Internet of Things (IoT) adoption and diffusion: An Indian context	Procedia Computer Science	125		733	739	10.1016/j.procs.2017.12.094
Luthra, S., Mangla, S.K., Chan, F.T.S., Venkatesh, V.G.	2018	Evaluating the Drivers to Information and Communication Technology for Effective Sustainability Initiatives in Supply Chains	International Journal of Information Technology and Decision Making	17	1	311	338	10.1142/S0219622017500419
Kaur, P., Bijalwan, A., Joshi, R.C., Awasthi, A.	2018	Network forensic process model and framework: An alternative scenario	Advances in Intelligent Systems and Computing	624		493	502	10.1007/978-981-10-5903-2_50

Kumar, S., Luthra, S., Haleem, A., Garg, D., Singh, S., Mangla, S.K.	2018	An integrated approach to analyse requisites of product innovation management	International Journal of Business Innovation and Research	16	1	36	62	10.1504/IJBIR.2018.091081
Rawat, S., Goyal, N., Ram, M.	2017	Software reliability growth modeling for agile software development	International Journal of Applied Mathematics and Computer Science	27	4	777	783	10.1515/amcs-2017-0054
Sharma, S., Panwar, V., Yadav, S.C., Sachin, Lokesh	2017	Different sources of energy harvesting: A survey	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January		1370	1373	10.1109/CCAA.2017.8230039
Nautiyal, S., Mittal, P.	2017	Contact resistance in organic transistors: Extraction using variable length method	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January		1558	1562	10.1109/CCAA.2017.8230051
Nautiyal, P., Mittal, P.	2017	Performance analysis of organic photovoltaics by optimization of active layer and electrode: Materialistic approach	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January		1507	1511	10.1109/CCAA.2017.8230040
Tiwari, U.K., Kumar, S., Kumar, N.	2017	Estimating actual execution time of Component-based software: Considering Interaction-metric	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January		870	875	10.1109/CCAA.2017.8229929
Kumar, P., Bhandari, N.S., Bhargav, L., Rathi, R., Yadav, S.C.	2017	Design of low power and area efficient half adder using pass transistor and comparison of various performance parameters	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January		1477	1482	10.1109/CCAA.2017.8230033
Bertolino, A., Nautiyal, L., Preeti	2017	Annotated buzzwords and key references for software testing in the cloud	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January		893	900	10.1109/CCAA.2017.8229933
Matta, P., Pant, B., Arora, M.	2017	All you want to know about Internet of Things (IoT)	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2017	2017-January		1306	1311	10.1109/CCAA.2017.8229999
Verma, P., Juneja, P.K., Saini, P., Chaturvedi, M.	2017	Comparative analysis of controllers designed for a MIMO system	8th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2017					10.1109/ICCCNT.2017.8203959
Rawat, P., Rai, N., Kumar, N., Bachheti, R.K.	2017	Review on Rhododendron arboreum - a magical tree	Oriental Pharmacy and Experimental Medicine	17	4	297	308	10.1007/s13596-017-0289-3

Patil, P.P., Kumar, A.	2017	Dynamic Structural and Thermal Characteristics Analysis of Oil-Lubricated Multi-speed Transmission Gearbox: Variation of Load, Rotational Speed and Convection Heat Transfer	Iranian Journal of Science and Technology - Transactions of Mechanical Engineering	41	4	281	291	10.1007/s40997-016-0063-z
Purohit, K.C., Dimri, S.C., Jasola, S.	2017	Mitigation and Performance Analysis of Routing Protocols Under Black-Hole Attack in Vehicular Ad-hoc Network (VANET)	Wireless Personal Communications	97	4	5099	5114	10.1007/s11277-017-4770-6
Prasad, R.S.	2017	Thought-forms patterns identification using histograms of the derivative of intensity outline	2017 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2017			1126	1134	10.1109/ICACCI.2017.8125993
Prasad, R.S., Prasad, S., Prasad, V.	2017	Patterns identification in thought-form images	Proceedings of the 2017 2nd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2017					10.1109/ICECCT.2017.8117942
Jadli, U., Thakur, P., Shukla, R.D.	2017	A New Parameter Estimation Method of Solar Photovoltaic	IEEE Journal of Photovoltaics					10.1109/JPHOTOV.2017.2767602
Jerripothula, K.R., Cai, J., Lu, J., Yuan, J.	2017	Object co-skeletonization with co-segmentation	Proceedings - 30th IEEE Conference on Computer Vision and Pattern Recognition, CVPR 2017			3881	3889	10.1109/CVPR.2017.413
Nisha Chandran, S., Gangodkar, D., Mittal, A.	2017	A semi-supervised probabilistic model for clustering large databases of complex images	Multimedia Tools and Applications	76	21	21937	21959	10.1007/s11042-017-4664-3
Chakrabarty, D., Patil, P., Sharma, K.	2017	Experimental Study on Fluid Flow and Heat Transfer from a Rectangular Prism Approaching the Wall of a Wind Tunnel	Heat Transfer - Asian Research	46	7	793	814	10.1002/htj.21244
Singh, D.P., Goudar, R.H.	2017	Energy efficient clearance routing in WSN	International Journal of Systems Assurance Engineering and Management	8		555	575	10.1007/s13198-014-0263-0
Purohit, K.C., Dimri, S.C., Jasola, S.	2017	Performance evaluation of various MANET routing protocols for adaptability in VANET environment	International Journal of Systems Assurance Engineering and Management	8		690	702	10.1007/s13198-016-0507-2
Singh, D.P., Goudar, R.H.	2017	Erratum to: Energy efficient clearance routing in WSN (International Journal of System Assurance Engineering and Management, (2017), 8, S2, (555-575). 10.1007/s13198-014-0263-0)	International Journal of Systems Assurance Engineering and Management	8		576		10.1007/s13198-017-0586-8
Kumar, A., Pant, S., Ram, M.	2017	System Reliability Optimization Using Gray Wolf Optimizer Algorithm	Quality and Reliability Engineering International	33	7	1327	1335	10.1002/qre.2107
Pant, S., Kumar, A., Ram, M.	2017	Flower pollination algorithm development: a state of art review	International Journal of Systems Assurance Engineering and Management	8		1858	1866	10.1007/s13198-017-0623-7

Ruwali, P., Ambwani, T.K., Gautam, P.	2017	In vitro antioxidative potential of Artemisia indica Willd	Indian Journal of Animal Sciences	87	11	1326	1331	
Mamgain, N., Pant, B., Mittal, A.	2017	Categorical Data Analysis and Pattern Mining of Top Colleges in India by Using Twitter Data	Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			341	345	10.1109/CICN.2016.73
Verma, P., Juneja, P.K., Chaturvedi, M.	2017	Reduction of SISO System Using Different Mixed Reduction Methods	Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			657	661	10.1109/CICN.2016.135
Verma, P., Juneja, P.K., Chaturvedi, M.	2017	Various Mixed Approaches of Model Order Reduction	Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			673	676	10.1109/CICN.2016.138
Sunori, S.K., Juneja, P.K., Chaturvedi, M., Agarwal, N.	2017	Design and Analysis of Control Systems for Heat Exchanger System of Sugar Mill	Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			480	482	10.1109/CICN.2016.99
Sunori, S.K., Juneja, P.K., Chaturvedi, M., Saini, P.	2017	Model Order Reduction of a Higher Order Model of pH Neutralizer of Sugar Mill	Proceedings - 2016 8th International Conference on Computational Intelligence and Communication Networks, CICN 2016			653	656	10.1109/CICN.2016.134
Ahamad, N., Singh, G., Khan, S., Sikander, A.	2017	Design and performance analysis of optimal reduced order H-infinity controller: L1 norm based genetic algorithm technique	International Conference on Power and Embedded Drive Control, ICPEDC 2017			8	13	10.1109/ICPEDC.2017.8081051
Panakarajupally, R.P., Mittal, G.	2017	Computational Investigation of the Double-Injection Strategy on Ethanol Partially Premixed Compression Ignition	Energy and Fuels	31	10	11280	11290	10.1021/acs.energyfuels.7b00382
Datta, D., Babu, B.V., Kumar, S.	2017	Equilibrium and Thermodynamic Studies on Reactive Extraction of Nicotinic Acid Using a Biocompatible Extraction System	Journal of Chemical and Engineering Data	62	10	3431	3436	10.1021/acs.jced.7b00457
Kharola, A., Patil, P.	2017	Stabilization and control of Elastic Inverted Pendulum System (EIPS) using adaptive fuzzy inference controllers	International Journal of Fuzzy System Applications	6	4	21	32	10.4018/IJFSA.2017100102

Anoop, G., Kim, T.Y., Lee, H.J., Panwar, V., Kwak, J.H., Heo, Y.-J., Yang, J.-H., Lee, J.H., Jo, J.Y.	2017	Top-Down Synthesis of Hollow Graphene Nanostructures for Use in Resistive Switching Memory Devices	Advanced Electronic Materials	3	10			10.1002/aelm.201700264
Baisantry, M., Khare, A.	2017	Pan Sharpening for Hyper Spectral Imagery Using Spectral Mixing-Based Color Preservation Model	Journal of the Indian Society of Remote Sensing	45	5	743	748	10.1007/s12524-016-0643-9
Arora, R., Joshi, H.C., Pandey, I.P., Tewari, V.K.	2017	Assessment of water quality of bhagirathi from gangotri to rishikesh using RS and GIS techniques	Rasayan Journal of Chemistry	10	4	1167	1183	10.7324/RJC.2017.1041753
Khan, W., Gupta, S., Ahmad, S.	2017	Toxicology of the aqueous extract from the flowers of Butea monosperma Lam. and it's metabolomics in yeast cells	Food and Chemical Toxicology	108		486	497	10.1016/j.fct.2017.02.001
Sikander, A., Prasad, R.	2017	New technique for system simplification using Cuckoo search and ESA	Sadhana - Academy Proceedings in Engineering Sciences	42	9	1453	1458	10.1007/s12046-017-0710-0
Thakur, P., Singh, A.K.	2017	A novel method for joint characterization of unbalanced voltage sags and swells	International Transactions on Electrical Energy Systems	27	9			10.1002/etep.2370
Mahar, K.S., Palni, L.M.S., Ranade, S.A., Pande, V., Rana, T.S.	2017	Molecular analyses of genetic variation and phylogenetic relationship in Indian soap nut (Sapindus L.) and closely related taxa of the family Sapindaceae	Meta Gene	13		50	56	10.1016/j.mgene.2017.04.009
Kharola, A., Patil, P.	2017	Dynamic stabilization of one wheel mobile robot (OWMR): a soft-computing approach	Journal of Industrial and Production Engineering	34	6	477	485	10.1080/21681015.2017.1360404
Kumar, N., Shukla, H.S., Tripathi, R.P.	2017	Image Restoration in Noisy free images using fuzzy based median filtering and adaptive Particle Swarm Optimization - Richardson-Lucy algorithm	International Journal of Intelligent Engineering and Systems	10	4	50	59	10.22266/ijies2017.0831.06
Kumar, A., Ram, M.	2017	Effects of k-out-of-n: G/F and parallel redundancy in an industrial system through reliability approach	AIP Conference Proceedings	1860				10.1063/1.4990345
Luthra, S., Venkatesh, V.G., Mangla, S.K., Jakhar, S.K.	2017	Management of risks in sustainable supply chain using AHP and Monte Carlo simulation	Managerial Strategies for Business Sustainability During Turbulent Times			58	76	10.4018/978-1-5225-2716-9.ch004
Ram, M., Goyal, N.	2017	Bi-directional system analysis under copula-coverage approach	Communications in Statistics: Simulation and Computation			1	14	10.1080/03610918.2017.1327068
Kharola, A., Patil, P.	2017	Automated control and optimisation of overhead cranes	International Journal of Manufacturing, Materials, and Mechanical Engineering	7	3	41	68	10.4018/IJMMME.2017070103
Ram, M., Nagiya, K.	2017	Gas turbine power plant performance evaluation under key failures	Journal of Engineering Science and Technology	12	7	1871	1886	
Gupta, P., Meena, R.C., Kumar, N.	2017	Functional analysis of selected deletion mutants in Candida glabrata under hypoxia	3 Biotech	7	3			10.1007/s13205-017-0821-7
Joshi, D., Khajuria, A., Joshi, P.	2017	An automatic non-invasive method for Parkinson's disease classification	Computer Methods and Programs in Biomedicine	145		135	145	10.1016/j.cmpb.2017.04.007

Yadav, A.R., Anand, R.S., Dewal, M.L., Gupta, S.	2017	Binary wavelet transform-based completed local binary pattern texture descriptors for classification of microscopic images of hardwood species	Wood Science and Technology	51	4	909	927	10.1007/s00226-017-0902-0
Mittal, P.	2017	Analytical modeling of low cost single and dual gate organic transistor and their parameters extraction	International Conference on Signal Processing, Communication, Power and Embedded System, SCOPES 2016 - Proceedings			1678	1682	10.1109/SCOPES.2016.7955728
Ghosal, A., Patil, P.	2017	Machining parameters optimization during machining of Al/5 wt% alumina metal matrix composite by fiber laser	AIP Conference Proceedings	1851				10.1063/1.4984711
Govindan, K., Mangla, S.K., Luthra, S.	2017	Prioritising indicators in improving supply chain performance using fuzzy AHP: insights from the case example of four Indian manufacturing companies	Production Planning and Control	28	06-Aug	552	573	10.1080/09537287.2017.1309716
Goyal, N., Ram, M., Kaushik, A.	2017	Performability of solar thermal power plant under reliability characteristics	International Journal of Systems Assurance Engineering and Management	8	2	479	487	10.1007/s13198-016-0452-0
Singh, D.P., Pant, B.	2017	An approach to solve the target coverage problem by efficient deployment and scheduling of sensor nodes in WSN	International Journal of Systems Assurance Engineering and Management	8	2	493	514	10.1007/s13198-016-0457-8
Tiwari, U.K., Kumar, S.	2017	Components integration-effect graph: a black box testing and test case generation technique for component-based software	International Journal of Systems Assurance Engineering and Management	8	2	393	407	10.1007/s13198-016-0442-2
Sharma, C., Jain, A.	2017	Entrepreneurship through start-ups in hill areas using photovoltaic systems	Bulletin of Electrical Engineering and Informatics	6	2	105	121	10.11591/eei.v6i2.613
Saxena, A., Pathak, A.K., Ojha, K., Sharma, S.	2017	Experimental and modeling hydraulic studies of foam drilling fluid flowing through vertical smooth pipes	Egyptian Journal of Petroleum	26	2	279	290	10.1016/j.ejpe.2016.04.006
Chandwani, G., Sen, R., Datta, D.	2017	Comprehensive design methodology for control and data planes in wavelength-routed optical networks	Photonic Network Communications	33	3	243	257	10.1007/s11107-016-0649-9
Panwar, V., Gill, F.S., Rathi, V., Tewari, V.K., Mehra, R.M., Park, J.-O., Park, S.	2017	Fabrication of conducting composite sheets using cost-effective graphite flakes and amorphous styrene acrylonitrile for enhanced thermistor, dielectric, and electromagnetic interference shielding properties	Materials Chemistry and Physics	193		329	338	10.1016/j.matchemphys.2017.02.050
Rawat, J.M., Rawat, B., Tewari, A., Joshi, S.C., Nandi, S.K., Palni, L.M.S., Prakash, A.	2017	Alterations in growth, photosynthetic activity and tissue-water relations of tea clones in response to different soil moisture content	Trees - Structure and Function	31	3	941	952	10.1007/s00468-016-1519-x

Mangla, S.K., Govindan, K., Luthra, S.	2017	Prioritizing the barriers to achieve sustainable consumption and production trends in supply chains using fuzzy Analytical Hierarchy Process	Journal of Cleaner Production	151		509	525	10.1016/j.jclepro.2017.02.099
Kharola, A., Patil, P.	2017	PID control of two-stage inverted pendulum	2016 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2016					10.1109/ICCIC.2016.7919521
Sikander, A., Prasad, R.	2017	A New Technique For Reduced-Order Modelling of Linear Time-Invariant System	IETE Journal of Research	63	3	316	324	10.1080/03772063.2016.1272436
Dixit, A.	2017	Structural health monitoring systems and methods	Recent Patents on Mechanical Engineering	10	2	118	125	10.2174/2212797610666170519165332
Aswal, P., Singh, S.K., Sharma, G., Bisht, P., Singh, S.	2017	Generation of electricity by vibrating piezoelectric crystal in staircases	Indonesian Journal of Electrical Engineering and Computer Science	6	2	219	224	10.11591/ijeecs.v6.i2.pp219-224
Anoop, G., Panwar, V., Kim, T.Y., Jo, J.Y.	2017	Resistive Switching in ZnO Nanorods/Graphene Oxide Hybrid Multilayer Structures	Advanced Electronic Materials	3	5			10.1002/aelm.201600418
Nayak, A., Bhushan, B., Gupta, V., Sharma, P.	2017	Chemically activated carbon from lignocellulosic wastes for heavy metal wastewater remediation: Effect of activation conditions	Journal of Colloid and Interface Science	493		228	240	10.1016/j.jcis.2017.01.031
Venkatesh, V.G., Zhang, A., Luthra, S., Dubey, R., Subramanian, N., Mangla, S.	2017	Barriers to coastal shipping development: An Indian perspective	Transportation Research Part D: Transport and Environment	52		362	378	10.1016/j.trd.2017.03.016
Tripathi, R.P.	2017	Economic ordering policies under credit financing for deteriorating items with stock-dependent demand rate using discounted cash flow approach	International Journal of Management Science and Engineering Management	12	2	111	118	10.1080/17509653.2016.1144114
Kharola, A., Patil, P.	2017	A comparative study for position regulation and anti-swing control of highly non-linear Double Inverted Pendulum (DIP) system using different soft com	International Journal of Fuzzy System Applications	6	2	59	81	10.4018/IJFSA.2017040104
Verma, R.P., Pandey, K.N.	2017	Fracture Behavior of GMA Welded Joints of Dissimilar and Similar Aluminum Alloys of 6061-T6/5083-O	Journal of Failure Analysis and Prevention	17	2	248	254	10.1007/s11668-017-0235-1
Baliga, A.K., Kumar, B., Srishti	2017	Impact of variation in gate line spacing and active layer thickness on performance of organic static induction transistor	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882985
Joshi, M., Uniyal, J., Juneja, P.K.	2017	Robustness analysis of controller designed for first, second and third order delayed process model	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882925
Uniyal, J., Joshi, M., Juneja, P.K.	2017	Modeling error effect on performance of a second order delayed process model	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882926

Tyagi, N., Tripathi, R.P., Chandramouli, A.B.	2017	Three machines flowshop scheduling model with separate setup times	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882994
Kumar, A., Singh, S.B., Ram, M.	2017	Interval-valued reliability assessment of 2-out-of-4 system	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882997
Baliga, A.K., Kumar, B., Pandey, Y.	2017	Performance analysis of dual gate OTFT using different gate dielectric materials	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882961
Ratnaparkhi, A.A., Pilli, E., Joshi, R.C.	2017	Survey of scaling platforms for Deep Neural Networks	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882969
Gaur, P., Saini, P., Kumar, A., Ram, M.	2017	Optimization of Call Drop system (CDS) through reliability approach	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882993
Negi, S., Mittal, P., Rawat, S.	2017	Performance analysis of active matrix organic display using vertical channel organic thin film transistor	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882984
Rathod, A.P.S., Mittal, P., Kumar, B.	2017	Analysis of factors affecting the solar radiation received by any region	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882980
Vidyarathi, A., Biswas, R., Jassal, B.S., Shukla, A.K.	2017	Frequency scaling of slant path rain attenuation for fade mitigation in satellite communication	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882976
Biswas, R., Vidyarathi, A., Jassal, B.S., Shukla, A.K.	2017	Variation in extinction cross-section of rain drops with temperature	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882975
Chauhan, S.S., Pilli, E.S., Joshi, R.C.	2017	A broker based framework for federated Cloud environment	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882979
Saini, D., Saini, S., Negi, S.	2017	Modelling and comparison of single gate and dual gate organic thin film transistor	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882982
Kumar, A., Jassal, B.	2017	Enhancing concealed target detection through dual polarized 94 GHz radiometric sensor	2016 International Conference on Emerging Trends in Communication Technologies. ETCT 2016					10.1109/ETCT.2016.7882973

Mittal, M., Rathod, A.P.S.	2017	Digital circuit optimization using Pass Transistor Logic architectures	2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016					10.1109/ETCT.2016.7882922
Garg, A., Pal, D., Singh, H., Pandey, D.C.	2017	A comparative study of NDBI, NDISI and NDII for extraction of urban impervious surface of Dehradun [Uttarakhand, India] using Landsat 8 imagery	2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016					10.1109/ETCT.2016.7882963
Singh, A., Mittal, P.	2017	Organic Thin Film Transistor and Organic Inverter based on Cylindrical Gate OTFT	2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016					10.1109/ETCT.2016.7882981
Lakhera, P., Sundriyal, S., Kumar, B.	2017	Performance analysis of Silicon-On-Nothing MOSFET under 100nm technology nodes	2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016					10.1109/ETCT.2016.7882986
Singh, R., Jassal, B.	2017	Lower bounds of correlation measure for time hopping codes in UWB communication systems	2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016					10.1109/ETCT.2016.7882957
Karasi, A., Rathod, A.P.S.	2017	Finding safe path and locations in disaster affected area using Swarm Intelligence	2016 International Conference on Emerging Trends in Communication Technologies, ETCT 2016					10.1109/ETCT.2016.7882983
Sikander, A., Thakur, P., Uniyal, I.	2017	Hybrid method of reduced order modelling for LTI system using evolutionary algorithm	Proceedings on 2016 2nd International Conference on Next Generation Computing Technologies, NGCT 2016			84	88	10.1109/NGCT.2016.7877394
Anand, J., Rai, N.	2017	Anticandidal synergistic activity of green tea catechins, antimycotics and copper sulphate as a mean of combinational drug therapy against candidiasis [Activit� synergique anti-candida de cat�chines du th� vert, antimycosiques et sulfate de cuivre comme moyen de th�rapie m�dicamenteuse combinational contre la candidose]	Journal de Mycologie Medicale	27	1	33	45	10.1016/j.mycmed.2016.08.004
Sikander, A., Prasad, R.	2017	Reduced order modelling based control of two wheeled mobile robot	Journal of Intelligent Manufacturing			1	11	10.1007/s10845-017-1309-3
Kumar, M., Gowri, R.	2017	Design of compact and high performance edge coupled coplanar waveguide band pass filter	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016					10.1109/ICPEICES.2016.7853711
Singh, S., Marathe, R., Kumar, A., Kumar, R.	2017	Sliding mode control based line-of-sight (LOS) stabilization of electro-optical sighting system	1st IEEE International Conference on Power Electronics, Intelligent Control and Energy Systems, ICPEICES 2016					10.1109/ICPEICES.2016.7853071

Saleh, T.A., Majeed, S., Nayak, A., Bhushan, B.	2017	Principles and advantages of microwave- assisted methods for the synthesis of nanomaterials for water purification	Advanced Nanomaterials for Water Engineering, Treatment, and Hydraulics			40	57	10.4018/978-1-5225-2136-5.ch003
Shukla, H.S., Tamsir, M.	2017	An exponential cubic B-spline algorithm for multi-dimensional convection-diffusion equations	Alexandria Engineering Journal					10.1016/j.aej.2017.04.011
Tamsir, M., Dhiman, N., Srivastava, V.K.	2017	Cubic trigonometric B-spline differential quadrature method for numerical treatment of Fisher's reaction-diffusion equations	Alexandria Engineering Journal					10.1016/j.aej.2017.05.007
Dobhal, D.C., Dimri, S.C.	2017	Performance evaluation of proposed-TCP in Mobile Ad Hoc Networks (MANETs)	Proceedings of the International Conference on Inventive Computation Technologies, ICICT 2016	2				10.1109/INVENTIVE.2016.7824797
Kukreti, K., Rathod, A.P.S., Kumar, B.	2017	Recent advancements and overview of organic solar cell	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1539	1544	10.1109/CCTA.2016.7813967
Bisht, R., Aggarwal, P., Karki, P., Pande, P.	2017	Low power and noise resistant 16Å—16 SRAM array design using CMOS logic and differential sense amplifier	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1474	1478	10.1109/CCTA.2016.7813954
Pandey, V., Yadav, S.C., Arora, P.	2017	Retiming technique for clock period minimization using shortest path algorithm	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1418	1423	10.1109/CCTA.2016.7813942
Verma, A., Mittal, P.	2017	Performance analysis of different novel organic thin film transistor structures	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1499	1504	10.1109/CCTA.2016.7813959
Negi, S., Baliga, A.K., Pandey, Y., Mittal, P., Kumar, B.	2017	Performance analysis of dual gate organic thin film transistor through analytical modeling	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1533	1538	10.1109/CCTA.2016.7813966
Uniyal, A., Srishti, Mittal, P.	2017	Performance comparison of monolayer, bilayer and multilayer organic light emitting diodes	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1505	1509	10.1109/CCTA.2016.7813960
Srishti, Baliga, A.K., Pandey, Y., Kumar, B.	2017	Performance analysis of vertical channel organic thin film transistors using various OSC materials	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1515	1520	10.1109/CCTA.2016.7813963

Ria, Yadav, S.C.	2017	A novel diamond search ME algorithm for systolic arrays	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			579	581	10.1109/CCAA.2016.7813787
Rathod, A.P.S., Baliga, A.K., Kumar, B.	2017	Analysis of bottom gate bottom contact device using floating electrode structure	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1527	1532	10.1109/CCAA.2016.7813965
Pandey, Y., Baliga, A.K., Srishti, Negi, S., Kumar, B.	2017	Performance analysis of dual gate-OTFT with variation in OSC thickness and channel length	Proceeding - IEEE International Conference on Computing, Communication and Automation, ICCCA 2016			1521	1526	10.1109/CCAA.2016.7813964
Chaurasia, R.K., Mathur, V., Pareekh, R.L., Tamsir, M., Srivastava, V.K.	2017	A computational modelling of micro strip patch antenna and its solution by RDTM	Alexandria Engineering Journal					10.1016/j.aej.2017.03.040
Kumar, S., Ahmad, Z.	2017	Experimental study of flow over trench weir with flat bars	ISH Journal of Hydraulic Engineering	23	1	80	91	10.1080/09715010.2016.1241722
Srishti, Pandey, Y., Baliga, A.K., Kumar, B.	2017	Impact of gate thickness variation and dielectric on the performance of vertical organic thin film transistor	Advances in Intelligent Systems and Computing	479		1065	1072	10.1007/978-981-10-1708-7_126
Sundriyal, N., Yadav, P., Chaturvedi, M.	2017	A novel approach for designing PID controller for set-point tracking for a HVAC process	Advances in Intelligent Systems and Computing	479		161	166	10.1007/978-981-10-1708-7_17
Dimri, S.C., Ram, M.	2017	An efficient algorithm to scan conversion of ellipse under auxiliary circle	Nonlinear Studies	24	1	181	191	
Pandey, Y., Negi, S., Srishti, Baliga, A.K., Kumar, B.	2017	Dual gate organic inverter circuit behavior analysis based on diode load logic configuration	Advances in Intelligent Systems and Computing	479		1027	1033	10.1007/978-981-10-1708-7_121
Tripathi, R.P.	2017	EOQ model for deteriorating items with stock-dependent demand under inflation and trade credits	International Journal of Productivity and Quality Management	21	2	229	244	10.1504/IJQM.2017.083775
Ram, M.	2017	Applied mathematical techniques in engineering applications and related topics-II	Nonlinear Studies	24	1	1	2	
Uniyal, A., Mittal, P.	2017	Improvement in performance of OLED by introducing additional hole blocking layer	Advances in Intelligent Systems and Computing	479		1051	1056	10.1007/978-981-10-1708-7_124
Singh, D.P., Pant, B.	2017	Energy efficient task distribution with efficient deployment and scheduling of sensor nodes in WSN	International Journal of Communication Networks and Distributed Systems	19	2	158	185	10.1504/IJCNS.2017.085749
Gori, Y., Kumar, P., Patil, P.P.	2017	FEA Simulation of Vibrating Cantilever Plate with Transverse Surface Crack	Materials Today: Proceedings	4	9	9466	9470	10.1016/j.matpr.2017.06.205
Goyal, N., Ram, M.	2017	Stochastic modelling of a wind electric generating power plant: Performance under multi-approaches	International Journal of Quality and Reliability Management	34	1	103	127	10.1108/IJQM-09-2015-0143
Chandola, N., Chaturvedi, M., Rawat, R.S., Dhani, Y.	2017	Graphical and theoretical approach of thermodynamics in cyclic theory of universe	Communications in Computer and Information Science	721		504	515	10.1007/978-981-10-5427-3_52

Kumar, A., Ram, M., Rawat, R.S.	2017	Optimization of casting process through reliability approach	International Journal of Quality and Reliability Management	34	6	833	848	10.1108/IJQRM-07-2016-0103
Kharola, A., Patil, P.	2017	A PID based ANFIS control of inverted pendulum climbing on inclined plane	Nonlinear Studies	24	1	101	111	
Negi, B., Sharma, V., Bhatt, A., Yadav, P.	2017	Effect of faults on power electronic devices for ZSI-fed induction motor drive system	Advances in Intelligent Systems and Computing	479		747	752	10.1007/978-981-10-1708-7_86
Sengupta, A., Pande, P.	2017	Comparative study of the methodologies used in low-power master-slave flip-flops	Advances in Intelligent Systems and Computing	479		127	133	10.1007/978-981-10-1708-7_13
Sharma, P., Singh, R.P., Singh, R., Pande, P.	2017	Design of quadratic equations multiplier (for upto 2-bit number) using vedic technique	Advances in Intelligent Systems and Computing	479		489	494	10.1007/978-981-10-1708-7_55
Aswal, P., Singh, S.K., Thakur, A.	2017	Generation of electricity by piezoelectric crystal in dance floor	Advances in Intelligent Systems and Computing	479		461	469	10.1007/978-981-10-1708-7_52
Saini, P., Kumar, R., Sharma, P., Rajput, N.	2017	Design and comparative analysis of controllers for continuous stirred tank reactor (CSTR)	Advances in Intelligent Systems and Computing	479		351	365	10.1007/978-981-10-1708-7_41
Verma, A., Mittal, P.	2017	Contact thickness variation effect on performance of novel organic thin film transistor	Advances in Intelligent Systems and Computing	479		839	845	10.1007/978-981-10-1708-7_98
Devi, P.B., Yengkhom, A., Hasan, M.I., Chandwani, G.	2017	Capacity of dual-branch MRC system over correlated Nakagami-m fading channels with non-identical fading parameters and imbalanced average SNRs	International Journal of Wireless and Mobile Computing	13	2	151	163	10.1504/IJWMC.2017.088085
Aarya, D.D., Kumar, M., Chauhan, A.	2017	Inventory model with time dependent demand, weibull deterioration and permissible delay in payment	Nonlinear Studies	24	1	43	54	
Ram, M.	2017	Papers from ICMTEA 2016	International Journal of Quality and Reliability Management	34	6	750	751	10.1108/IJQRM-03-2017-0041
Chandola, N., Rawat, R.S.	2017	Finite element analysis of wing design	Advances in Intelligent Systems and Computing	479		503	509	10.1007/978-981-10-1708-7_57
Parsola, J., Gangodkar, D., Mittal, A.	2017	Efficient storage and processing of video data for moving object detection using hadoop/mapreduce	Lecture Notes in Electrical Engineering	395		137	147	10.1007/978-81-322-3592-7_14
Kaushik, A., Goyal, N., Ram, M.	2017	A mathematical model of a rocket engine for reliability analysis	Mechanical Systems: Research, Applications and Technology			281	300	
Kukreti, K., Rathod, A.P.S., Kumar, B.	2017	Depth analysis of organic bilayer solar cell and their performance parameters extraction	Advances in Intelligent Systems and Computing	479		1073	1078	10.1007/978-981-10-1708-7_127
Tripathi, R.P.	2017	Optimal ordering policy under two stage trade credits financing for deteriorating items using discounted cash flow approach	International Journal of Process Management and Benchmarking	7	1	120	140	10.1504/IJPMB.2017.080942
Nagiya, K., Ram, M., Dua, A.K.	2017	A tree topology network environment analysis under reliability approach	Nonlinear Studies	24	1	193	202	
Goyal, N., Ram, M., Amoli, S., Suyal, A.	2017	Sensitivity analysis of a three-unit series system under k-out-of-n redundancy	International Journal of Quality and Reliability Management	34	6	770	784	10.1108/IJQRM-07-2016-0106

Sharma, V., Bhatt, A., Rawat, N., Garg, S.	2017	Performance analysis of interleaved coupled inductor boost DC-DC converter fed induction motor drive	Advances in Intelligent Systems and Computing	479		259	265	10.1007/978-981-10-1708-7_30
Ghosal, A., Manna, A., Patil, P.	2017	Optimization process during laser machining of 2 mm thick Al/Al ₂ O ₃ /MMC	Materials Science Forum	900 MSF		121	126	10.4028/www.scientific.net/MSF.900.121
Tripathi, V., Agarwal, S., Mittal, A., Gangodkar, D.	2017	Improved dynamic time warping based approach for activity recognition	Advances in Intelligent Systems and Computing	516		161	167	10.1007/978-981-10-3156-4_16
Ram, M., Goyal, N., Saxena, A., Tandon, A., Bhattacharya, A.	2017	Estimation of performability parameters of centre heating system	Nonlinear Studies	24	1	55	67	
Saini, S., Kumar, S., Singh, K.K.	2017	Influences of variant mass on the structures of differentially rotating and tidally distorted polytropes	Nonlinear Studies	24	1	27	42	
Goel, P., Goudar, R.H., Malik, R., Singh, R., Singh, N.K.	2017	Localization based intelligent traffic management system	International Journal of Systems Assurance Engineering and Management	8		90	98	10.1007/s13198-015-0407-x
Hasan, M.I., Kumar, S.	2017	Spectral efficiency of dual diversity selection combining schemes under correlated Nakagami-0.5 fading with unequal average received SNR	Telecommunication Systems	64	1	3	16	10.1007/s11235-016-0152-8
Kumar, A., Sharma, N., Patil, P.P.	2017	FEA based vibration characteristic analysis of conventional and composite material single piece drive shaft	Lecture Notes in Engineering and Computer Science	2230		976	980	
Sunori, S.K., Juneja, P.K., Chaturvedi, M., Mittal, J.	2017	Dead time compensation in sugar crystallization process	Advances in Intelligent Systems and Computing	479		375	381	10.1007/978-981-10-1708-7_43
Tripathi, V., Gangodkar, D., Mittal, A., Kanth, V.	2017	Robust Action Recognition framework using Segmented Block and Distance Mean Histogram of Gradients Approach	Procedia Computer Science	115		493	500	10.1016/j.procs.2017.09.094
Dabral, S., Agarwal, A., Mahajan, M., Kumar, S.	2017	Malicious PDF files detection using structural and javascript based features	Communications in Computer and Information Science	750		137	147	10.1007/978-981-10-6544-6_14
Negi, S., Mittal, P., Kumar, B.	2017	Performance analysis of OLED with hole block layer and impact of multiple hole block layer	Communications in Computer and Information Science	711		452	462	10.1007/978-981-10-7470-7_45
Kumar, A., Kumar, R., Ram, M.	2017	Turbofan engine performance under reliability measures approach	International Journal of Engineering, Transactions A: Basics	30	4	610	619	10.5829/idosi.ije.2017.30.04a.21
Chandra, S., Gill, F.S., Garg, P.	2017	Thermogravimetric analysis (TGA) study: Exploring the reason of increased mass of CNF/PTFE composite with temperature at higher weights of CNF	International Journal of Applied Engineering Research	12	13	3938	3940	
Mishra, A., Jha, R.	2017	Fabrication of polymeric nanostructured hydrophobic surfaces and evaluation of antimicrobial activity	Trends in Biomaterials and Artificial Organs	31	1	24	28	
Chopra, G., Ram, M.	2017	Stochastic analysis of two non-identical unit parallel system incorporating waiting time	International Journal of Quality and Reliability Management	34	6	817	832	10.1108/IJQRM-06-2016-0075

Panwar, V., Kim, G.W., Anoop, G., Jo, J.Y.	2017	Seed layer-assisted fabrication of KNbO ₃ nanowires on Cu foil	Journal of Alloys and Compounds	691		606	612	10.1016/j.jallcom.2016.07.141
Tripathi, R.P., Kaur, M.	2017	EOQ model for non- decreasing time dependent deterioration and decaying demand under non-increasing time shortages	Uncertain Supply Chain Management	5	4	327	336	10.5267/j.uscm.2017.4.004
Belwal, R., Belwal, S.	2017	Employers' perception of women workers in Oman and the challenges they face	Employee Relations	39	7	1048	1065	10.1108/ER-09-2016-0183
Pant, S., Kumar, A., Singh, S.B., Ram, M.	2017	A modified particle swarm optimization algorithm for nonlinear optimization	Nonlinear Studies	24	1	127	138	
Gupta, S., Rai, H., Upreti, D.K., Gupta, R.K., Sharma, P.K.	2017	Lichenized fungi Phaeophyscia (Physciaceae, ascomycota) as indicator of ambient air heavy metal deposition, along land use gradient in an Alpine habitat of Western Himalaya, India	Pollution Research	36	1	150	157	
Luthra, S., Govindan, K., Mangla, S.K.	2017	Structural model for sustainable consumption and production adoption: A grey-DEMATEL based approach	Resources, Conservation and Recycling	125		198	207	10.1016/j.resconrec.2017.02.018
Bhardwaj, A., Gupta, P., Kumar, N., Mishra, J., Kumar, A., Rakhee, Misra, K.	2017	Lingzhi or reishi medicinal mushroom, Ganoderma lucidum (Agaricomycetes), inhibits Candida biofilms: A metabolomic approach	International Journal of Medicinal Mushrooms	19	8	685	696	10.1615/IntJMedMushrooms.2017021225
Sikander, A., Thakur, P., Bansal, R.C., Rajasekar, S.	2017	A novel technique to design cuckoo search based FOPID controller for AVR in power systems	Computers and Electrical Engineering					10.1016/j.compeleceng.2017.07.005
Thapliyal, M., Tiwari, P., Sati, B., Anthwal, P., Chakraborti, A., Thapliyal, A.	2017	Comparative analysis of physico-chemical parameters of water in main river channel of River Ganges after dam wall of Maneri Bhali Phase I and Phase II hydroelectric power projects	Ecology, Environment and Conservation	23	1	544	553	
Singh, R., Singh, A.K., Thakur, P.	2017	Wind turbine standards and certification: Indian perspective	Handbook of Distributed Generation: Electric Power Technologies, Economics and Environmental Impacts			205	225	10.1007/978-3-319-51343-0_6
Luthra, S., Govindan, K., Kannan, D., Mangla, S.K., Garg, C.P.	2017	An integrated framework for sustainable supplier selection and evaluation in supply chains	Journal of Cleaner Production	140		1686	1698	10.1016/j.jclepro.2016.09.078
Shukla, R.D., Tripathi, R.K., Thakur, P.	2017	DC grid/bus tied DFIG based wind energy system	Renewable Energy	108		179	193	10.1016/j.renene.2017.02.064
Luthra, S., Mangla, S.K., Kumar, S., Garg, D., Haleem, A.	2017	Identify and prioritise the critical factors in implementing the reverse logistics practices: A case of Indian auto component manufacturer	International Journal of Business and Systems Research	11	01-Feb	42	61	10.1504/IJBSR.2017.080834
Ram, M., Manglik, M.	2016	An analysis to multi-state manufacturing system with common cause failure and waiting repair strategy	Cogent Engineering	3	1			10.1080/23311916.2016.1266185
Aswal, P., Chaturvedi, M., Singh, P., Juneja, P.K.	2016	Concentrating power for mppt solar pv module forming channelization of efficient energy	Indonesian Journal of Electrical Engineering and Computer Science	4	3	526	531	10.11591/ijeecs.v4.i3.pp526-531
Chandna, R., Ram, M.	2016	Fuzzy analytic hierarchy process to a structure under 2-out-of-3:F modeling	OPSEARCH	53	4	693	704	10.1007/s12597-016-0255-8

Nayak, A., Bhushan, B., Gupta, V., Rodriguez-Turienzo, L.	2016	Development of a green and sustainable clean up system from grape pomace for heavy metal remediation	Journal of Environmental Chemical Engineering	4	4			10.1016/j.jece.2016.10.001
Thakur, V., Ghildiyal, P.G.N., Prakash, R.	2016	An adaptive technique based on separability index to classify PALSAR data	Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation (Fall), ICACCA 2016					10.1109/ICACCAF.2016.7748961
Badon, H., Sharma, P., Waheed, S.M., Singh, S.	2016	Investigation of phytochemical composition, evaluation of antioxidant, antibacterial activities, and toxicity study of Emblica officinalis and Terminalia bellirica fruits	Asian Journal of Pharmaceutical and Clinical Research	9	6	96	102	10.22159/ajpcr.2016.v9i6.13731
Singh, R., Bachheti, R.K., Saini, C.K., Singh, U.	2016	In-vitro antioxidant activity of Canna indica extracts using different solvent system	Asian Journal of Pharmaceutical and Clinical Research	9	6	53	56	10.22159/ajpcr.2016.v9i6.10583
Gandhi, S., Mangla, S.K., Kumar, P., Kumar, D.	2016	A combined approach using AHP and DEMATEL for evaluating success factors in implementation of green supply chain management in Indian manufacturing industries	International Journal of Logistics Research and Applications	19	6	537	561	10.1080/13675567.2016.1164126
Ram, M., Gupta, A.	2016	Numerical solution to stochastic partial differential equation with variable repair rate	Communications in Statistics - Theory and Methods	45	21	6245	6252	10.1080/03610926.2014.957863
Luthra, S., Mangla, S.K., Xu, L., Diabat, A.	2016	Using AHP to evaluate barriers in adopting sustainable consumption and production initiatives in a supply chain	International Journal of Production Economics	181		342	349	10.1016/j.ijpe.2016.04.001
Sharma, V., Garg, S., Sharma, M.	2016	Harmonic diagnosis of cascaded multilevel inverter	Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016			1180	1182	
Saini, P., Gaba, S.K., Rajput, N., Aggarwal, A.	2016	Design and analysis of controllers for continuous stirred tank reactor (CSTR)	Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016			2778	2784	
Sharma, V., Saini, P., Garg, S., Negi, B.	2016	Comparative analysis of VSI, CSI and ZSI fed induction motor drive system	Proceedings of the 10th INDIACom; 2016 3rd International Conference on Computing for Sustainable Global Development, INDIACom 2016			1188	1191	

Singh, A.	2016	Journey from order to chaos and returning	Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			379	389	10.4018/978-1-5225-1639-2.ch018
Goyal, N., Ram, M., Kumar, P.	2016	Welding process under fault coverage approach for reliability and MTTF	Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			222	245	10.4018/978-1-5225-1639-2.ch011
Ram, M., Davim, J.P.	2016	Mathematical concepts and applications in mechanical engineering and mechatronics	Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			1	494	10.4018/978-1-5225-1639-2
Ram, M., Davim, J.P.	2016	Preface	Mathematical Concepts and Applications in Mechanical Engineering and Mechatronics			xix	xxiv	10.4018/978-1-5225-1639-2
Ram, M., Manglik, M.	2016	Performance Evaluation of a Multi-state System Covering Imperfect Fault Coverage	Communications in Statistics: Simulation and Computation	45	9	3259	3280	10.1080/03610918.2014.932802
Kumar, A., Jain, R., Patil, P.P.	2016	Dynamic Analysis of Heavy Vehicle Medium Duty Drive Shaft Using Conventional and Composite Material	IOP Conference Series: Materials Science and Engineering	149	1			10.1088/1757-899X/149/1/012156
Kumar, S., Negi, A., Prasad, K., Mahanti, A.	2016	Evaluation of Network Risk Using Attack Graph Based Security Metrics	Proceedings - 2016 IEEE 14th International Conference on Dependable, Autonomic and Secure Computing, DASC 2016, 2016 IEEE 14th International Conference on Pervasive Intelligence and Computing, PICom 2016, 2016 IEEE 2nd International Conference on Big Data Intelligence and Computing, DataCom 2016 and 2016 IEEE Cyber Science and Technology Congress, CyberSciTech 2016, DASC-PICom-DataCom-CyberSciTech 2016			91	93	10.1109/DASC-PICom-DataCom-CyberSciTech.2016.30
Goyal, N., Ram, M., Dua, A.K.	2016	An Approach to Investigating Reliability Indices for Tree Topology Network	Cybernetics and Systems	47	7	570	584	10.1080/01969722.2016.1209378
Tyagi, N., Tripathi, R.P., Chandramouli, A.B.	2016	Single machine scheduling model with total tardiness problem	Indian Journal of Science and Technology	9	37			10.17485/ijst/2016/v9i37/97527

Manocha, P., Chandwani, G., Das, S.	2016	Dielectrophoretic relay assisted molecular communication for in-sequence molecule delivery	IEEE Transactions on Nanobioscience	15	7	781	791	10.1109/TNB.2016.2618904
Sharma, S., Sharma, S., Sharma, A., Agarwala, V.	2016	Co-deposition of Synthesized ZnO Nanoparticles into Ni-P Matrix Using Electroless Technique and Their Corrosion Study	Journal of Materials Engineering and Performance	25	10	4383	4393	10.1007/s11665-016-2292-0
Patel, A., Juneja, P.K., Chaturvedi, M., Rawat, S.	2016	Integral error based controller design & performance analysis for a TOPDT process	Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016					10.1109/ICACCA.2016.7578887
Uniyal, J., Joshi, M., Juneja, P.K.	2016	Set point tracking capability and comparative response of PI-PD controller with PI, PD and PID controller	Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016					10.1109/ICACCA.2016.7578883
Juneja, P.K., Chaturvedi, M., Gupta, M., Shah, N.	2016	Set-point tracking capability comparison of PI and PID controllers for a FOPDT process model	Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016					10.1109/ICACCA.2016.7578888
Joshi, M., Uniyal, J., Juneja, P.K.	2016	Design of inverse response compensator for complex process	Proceedings - 2016 International Conference on Advances in Computing, Communication and Automation, ICACCA 2016					10.1109/ICACCA.2016.7578882
Shukla, P., Gupta, B., Bisht, S., Tripathi, H., Mittal, A.	2016	Mimic	3rd International Conference on Signal Processing and Integrated Networks, SPIN 2016			795	799	10.1109/SPIN.2016.7566800
Luthra, S., Govindan, K., Kharb, R.K., Mangla, S.K.	2016	Evaluating the enablers in solar power developments in the current scenario using fuzzy DEMATEL: An Indian perspective	Renewable and Sustainable Energy Reviews	63		379	397	10.1016/j.rser.2016.04.041
Kumar, M., Gowr, R.	2016	Characterization and evaluation of radiation loss factor of edge coupled coplanar waveguide gap discontinuity	Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016			415	418	10.1109/CICT.2016.88

Sunori, S.K., Lohani, M.C., Juneja, P.K., Bhakuni, A.	2016	Investigation of parameters affecting predictive controller performance for boiler turbine	Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016			392	394	10.1109/CICT.2016.83
Sunori, S.K., Lohani, M.C., Juneja, P.K., Jethi, G.S.	2016	Disturbance rejection performance analysis of predictive controller for a lime kiln process	Proceedings - 2016 2nd International Conference on Computational Intelligence and Communication Technology, CICT 2016			660	662	10.1109/CICT.2016.136
Singh, A., Kumar, R., Tripathi, R.P., Arya, U.	2016	Vehicle Target Area and Tyre Detection Image Processing Technique	Proceedings - 6th International Advanced Computing Conference, IACC 2016			368	371	10.1109/IACC.2016.74
Mangla, S.K., Govindan, K., Luthra, S.	2016	Critical success factors for reverse logistics in Indian industries: A structural model	Journal of Cleaner Production	129		608	621	10.1016/j.jclepro.2016.03.124
Aswal, P., Singh, S.K., Thakur, A., Gaur, K.	2016	A novel technique of power flow control in transmission lines using interline power flow control	Indonesian Journal of Electrical Engineering and Computer Science	3	2	296	304	10.11591/ijeecs.v3.i2.pp296-304
Thakur, P., Singh, A.K.	2016	Modified symmetrical component method for characterization of unbalanced voltage sags	International Transactions on Electrical Energy Systems	26	8	1725	1736	10.1002/etep.2174
Bhatt, A., Sharma, M.P., Saini, R.P.	2016	Feasibility and sensitivity analysis of an off-grid micro hydro-photovoltaic-biomass and biogas-diesel-battery hybrid energy system for a remote area in Uttarakhand state, India	Renewable and Sustainable Energy Reviews	61		53	69	10.1016/j.rser.2016.03.030
Mamgain, N., Mehta, E., Mittal, A., Bhatt, G.	2016	Sentiment analysis of top colleges in India using Twitter data	2016 International Conference on Computational Techniques in Information and Communication Technologies, ICCTICT 2016 - Proceedings			525	530	10.1109/ICCTICT.2016.7514636
Shivang, G., Singh Patel, R., Srivastava, U., Prakash, R.	2016	Classification of PALSAR data utilizing class separability index	RAECE 2015 - Conference Proceedings, National Conference on Recent Advances in Electronics and Computer Engineering			180	182	10.1109/RAECE.2015.7510250
Gupta, D., Tripathi, S., Rana, S., Prakash, R.	2016	Classification of polarimetric radar data with texture measure	RAECE 2015 - Conference Proceedings, National Conference on Recent Advances in Electronics and Computer Engineering			176	179	10.1109/RAECE.2015.7510249
Raj, R., Srivastava, K.B.L.	2016	Mediating role of organizational learning on the relationship between market orientation and innovativeness	Learning Organization	23	5	370	384	10.1108/TLO-09-2013-0051

Ria, Yadav, S.C.	2016	Mapping Three Step Search algorithm onto a systolic array processor in H.264	2016 3rd International Conference on Recent Advances in Information Technology, RAIT 2016			561	563	10.1109/RAIT.2016.7507960
Gupta, S., Thakur, P., Singh, A.K.	2016	Effects of voltage unbalance on normalized performance parameters	4th Students Conference on Engineering and Systems, SCES 2015					10.1109/SCES.2015.7506452
Goyal, N., Ram, M., Bhardwaj, A., Kumar, A.	2016	Thermal power plant modelling with fault coverage stochastically	International Journal of Manufacturing, Materials, and Mechanical Engineering	6	3	28	44	10.4018/IJMMME.2016070103
Kumar, A., Pai, M.O., Rai, N.	2016	In-vitro hepatoprotective activity of Albizia lebbeck, Cassia occidentalis and Swertia chirata on HepG2 cells	Asian Journal of Pharmaceutical and Clinical Research	9	4	276	280	
Gupta, P., Chanda, R., Rai, N., Kataria, V.K., Kumar, N.	2016	Antihypertensive, Amlodipine Besilate Inhibits Growth and Biofilm of Human Fungal Pathogen Candida	Assay and Drug Development Technologies	14	5	291	297	10.1089/adt.2016.714
Emani, P.K., Kumar, R., Vedula, P.	2016	Inelastic response spectrum for seismic soil pile structure interaction	International Journal of Geotechnical Earthquake Engineering	7	2	24	34	10.4018/IJGEE.2016070102
Sunori, S.K., Shree, S., Juneja, P.K.	2016	Control of sugarcane crushing mill process: A comparative analysis	International Conference on Soft Computing Techniques and Implementations, ICSTI 2015			1	5	10.1109/ICSTI.2015.7489598
Agrawal, S.K., Joshi, S., Purohit, B.M.	2016	Secure data communication in a cloud environment using Row Column Diagonal (RCD)	International Conference on Soft Computing Techniques and Implementations, ICSTI 2015			120	126	10.1109/ICSTI.2015.7489616
Kharola, A.	2016	A PID based anfis and fuzzy control of inverted pendulum on inclined plane (IPIP)	International Journal on Smart Sensing and Intelligent Systems	9	2	616	636	
Naithani, D., Chaturvedi, M., Juneja, P.K.	2016	Controller performance analysis for a delayed process based on integral error performance indices	Oriental Journal of Chemistry	32	3	1671	1674	10.13005/ojc/320344
Joshi, A., Bachheti, R.K., Sharma, A., Mamgain, R.	2016	Parthenium hysterophorus. L. (Asteraceae): A boon or curse? (A review)	Oriental Journal of Chemistry	32	3	1283	1294	10.13005/ojc/320302
Singh, D.P., Goudar, R.H., Rao, S.	2016	Coverage lifetime improvement through efficient deployment of sensor nodes in WSN	International Journal of Systems Assurance Engineering and Management	7	2	201	212	10.1007/s13198-014-0303-9
Gupta, B., Shukla, P., Mittal, A.	2016	K-nearest correlated neighbor classification for Indian sign language gesture recognition using feature fusion	2016 International Conference on Computer Communication and Informatics, ICCCI 2016					10.1109/ICCI.2016.7479951

Chandra, S., Kalra, G.S., Pushkar, V.K., Panwar, V., Gill, F.S., Gupta, H., Pal, P.K., Pathak, T.K., Purohit, L.P.	2016	Improved conductivity of carbon-nano-fiber (CNF)/polytetrafluoroethylene (PTFE) composite	AIP Conference Proceedings	1731				10.1063/1.4947812
Bhushan, B., Nayak, A., Kamaluddin	2016	Study of interaction and adsorption of aromatic amines by manganese oxides and their role in chemical evolution	International Journal of Astrobiology	16	2	143	155	10.1017/S1473550416000203
Singh, S., Badoni, H., Kumar, V., Madan, A., Sharma, P., Waheed, S.M.	2016	A comparative study of antioxidant properties and phytochemical composition of <i>Trapa bispinosa</i> , <i>Trigonella foenum-graecum</i> , <i>Syzygium cumini</i> and <i>Betula utilis</i>	International Journal of Pharmaceutical Sciences Review and Research	38	2	83	88	
Kumar, R., Rawat, S.	2016	Cubical representation and minimization through cubical technique a tabular approach	International Journal of Applied Engineering Research	11	7	4822	4829	
Das, M.K., Dewangan, S., Kumar, H., Chattopadhyaya, S., Sarkar, S., Choudhary, B.S.	2016	Wear analysis of cable shovel tooth	Journal of Mines, Metals and Fuels	64	05-Jun	218	221 and 229	
Chand, P., Mahapatra, R., Prakash, R.	2016	Energy efficient radio resource management for heterogeneous wireless network using CoMP	Wireless Networks	22	4	1093	1106	10.1007/s11276-015-1014-0
Nijsure, Y.A., Kaddoum, G., Gagnon, G., Gagnon, F., Yuen, C., Mahapatra, R.	2016	Adaptive Air-to-Ground Secure Communication System Based on ADS-B and Wide-Area Multilateration	IEEE Transactions on Vehicular Technology	65	5	3150	3165	10.1109/TVT.2015.2438171
Nahak, S., Dewangan, S., Chattopadhyaya, S.	2016	Wearing mechanisms of picks used in continuous miner machine for coal cutting	Journal of Mines, Metals and Fuels	64	05-Jun	128	135	
Goyal, N., Ram, M., Kaushik, A.	2016	Automotive Water Cooling System Analysis Subject to Time Dependence and Failure Issues	International Journal of Manufacturing, Materials, and Mechanical Engineering	6	2	1	22	10.4018/IJMMME.2016040101
Kumar, M., Gowri, R.	2016	Analysis of radiation loss factor for edge coupled coplanar waveguide discontinuities	International Journal of Applied Engineering Research	11	6	4537	4541	
Goel, R., Singh, A.P., Chauhan, A.	2016	A single perishable product from a single-producer and multiple-buyer's model for Weibull deterioration with time dependent demand and allowable shortage	International Journal of Computing Science and Mathematics	7	1	63	75	10.1504/IJCSM.2016.076022
Joshi, D., Hahn, M.E.	2016	Terrain and Direction Classification of Locomotion Transitions Using Neuromuscular and Mechanical Input	Annals of Biomedical Engineering	44	4	1275	1284	10.1007/s10439-015-1407-3
Sharma, D., Kumar, R., Verma, V.	2016	Fuzzy tuned proportional integral derivative control of paper machine headbox	12th IEEE International Conference Electronics, Energy, Environment, Communication, Computer, Control: (E3-C3), INDICON 2015					10.1109/INDICON.2015.7443647

Anwar, M.A., Gangodkar, D.	2016	Design and implementation of mobile phones based attendance marking system	International Conference Communication, Control and Intelligent Systems, CCIS 2015			120	123	10.1109/CCInteIS.2015.7437890
Sharma, S., Mahto, V., Sharma, V.P., Saxena, A.	2016	An emperical correlation for estimating the viscosity of non-Newtonian waxy crude oils	Petroleum Science and Technology	34	6	523	530	10.1080/10916466.2016.1153653
Kharola, A.	2016	The control of two-wheeled inverted pendulum robot (TWIPR) using fuzzy logic	2015 IEEE International Conference on Computational Intelligence and Computing Research, ICCIC 2015					10.1109/ICCIC.2015.7435680
Tripathi, V., Mittal, A., Gangodkar, D., Kanth, V.	2016	Real time security framework for detecting abnormal events at ATM installations	Journal of Real-Time Image Processing			1	11	10.1007/s11554-016-0573-3
Ram, M., Nagiya, K.	2016	Performance evaluation of mobile communication system with reliability measures	International Journal of Quality and Reliability Management	33	3	430	440	10.1108/IJQRM-01-2015-0013
Joshi, S., Rai, N., Kumar, N.	2016	Gas chromatography-mass spectroscopy analysis of phytochemical constituents of methanolic extract of needles of pinus wallichiana	Asian Journal of Pharmaceutical and Clinical Research	9	2	55	57	
Pant, M.	2016	A minimal cost micropropagation protocol for Dianthus caryophyllus L.â€” A commercially significant venture	Indian Journal of Experimental Biology	54	3	203	211	
Rai, I., Bachheti, R.K., Saini, C.K., Joshi, A., Satyan, R.S.	2016	A review on phytochemical, biological screening and importance of Wild Apricot (Prunus armeniaca L.)	Oriental Pharmacy and Experimental Medicine	16	1			10.1007/s13596-015-0215-5
Sharma, S.C., Yadav, S.K.	2016	A comparative study of full and partial textured hybrid orifice compensated circular thrust pad bearing system	Tribology International	95		170	180	10.1016/j.triboint.2015.11.008
Kumar, S., Johri, A.	2016	Governance of the venture capital investment: Factors influencing selection of an it firm	Risk Governance and Control: Financial Markets and Institutions	6	2	52	57	10.22495/rcgv6i2art7
Prakash, R., Singh, D., Singh, O.P.	2016	Multi-incident angle approach to retrieve soil parameters for specular scattering	IET Radar, Sonar and Navigation	10	3	560	568	10.1049/iet-rsn.2015.0313
Singh, A., Arora, S., Shukla, P., Mittal, A.	2016	Indian Sign Language gesture classification as single or double handed gestures	Proceedings of 2015 3rd International Conference on Image Information Processing. ICIIIP 2015			378	381	10.1109/ICIIP.2015.7414800
Dua, I., Shukla, P., Mittal, A.	2016	A vision based human-elephant collision detection system	Proceedings of 2015 3rd International Conference on Image Information Processing. ICIIIP 2015			225	229	10.1109/ICIIP.2015.7414770
Shukla, P., Garg, A., Sharma, K., Mittal, A.	2016	A DTW and Fourier Descriptor based approach for Indian Sign Language recognition	Proceedings of 2015 3rd International Conference on Image Information Processing. ICIIIP 2015			113	118	10.1109/ICIIP.2015.7414750

Singh, D., Chandwani, G.	2016	Carbon-aware routing in software defined inter data center network	International Symposium on Advanced Networks and Telecommunication Systems, ANTS	2016-February					10.1109/ANTS.2015.7413640
Chandra, M., Prakash, O., Bachheti, R.K., Kumar, M., Pant, A.K.	2016	Essential Oil Composition, Phenolic Constituents, Antioxidant and Pharmacological Activities of Thymus linearis Benth. Collected from Uttarakhand Region of India	Journal of Essential Oil-Bearing Plants	19	2	277	289	10.1080/0972060X.2014.935070	
Kumar, A., Patil, P.P.	2016	Modal analysis of heavy vehicle truck transmission gearbox housing made from different materials	Journal of Engineering Science and Technology	11	2	252	266		
Ahmad, A., Joshi, R.C., Gowri, R.	2016	A smart booster approach in wireless ad hoc network	International Journal of Engineering and Technology	8	1	300	304		
Eicher-Miller, H.A., Khanna, N., Boushey, C.J., Gelfand, S.B., Delp, E.J.	2016	Temporal Dietary Patterns Derived among the Adult Participants of the National Health and Nutrition Examination Survey 1999-2004 Are Associated with Diet Quality	Journal of the Academy of Nutrition and Dietetics	116	2	283	291	10.1016/j.jand.2015.05.014	
Ratnaparkhi, A.A., Pilli, E., Joshi, R.C.	2016	Scaling GMM Expectation Maximization algorithm using bulk synchronous Parallel approach	Proceedings of the 2015 International Conference on Green Computing and Internet of Things, ICGCIoT 2015			558	562	10.1109/ICGCIoT.2015.7380527	
Singh, A.P., Singh, D.P., Kumar, S.	2016	NRSSI: New proposed RSSI method for the distance measurement in WSNs	Proceedings on 2015 1st International Conference on Next Generation Computing Technologies, NGCT 2015			296	300	10.1109/NGCT.2015.7375129	
Vidyarthi, A., Garg, S., Jassal, B.S., Gowri, R.	2016	Modeling of rain attenuation using equiprobability of rain fade and rain fall	IEEE International Conference on Computer Communication and Control, IC4 2015					10.1109/IC4.2015.7375568	
Rawat, K., Sahni, K., Pandey, S., Rawat, J., Tripathi, S.	2016	Implementation of AMBA APB bridge with efficient deployment of system resources	IEEE International Conference on Computer Communication and Control, IC4 2015					10.1109/IC4.2015.7375636	
Pant, S., Kumar, A., Kishor, A., Anand, D., Singh, S.B.	2016	Application of a multi-objective particle swarm optimization technique to solve reliability optimization problem	Proceedings on 2015 1st International Conference on Next Generation Computing Technologies, NGCT 2015			1004	1007	10.1109/NGCT.2015.7375272	
Sahni, K., Rawat, K., Pandey, S., Rawat, J., Tripathi, S.	2016	Design and verification of 8b/10b encoder/decoder for USB 3.0 applications	IEEE International Conference on Computer Communication and Control, IC4 2015					10.1109/IC4.2015.7375637	

Ram, M., Manglik, M., Joshi, N.	2016	Multi-state system analysis under comprehensive repair facility	ICSCTET 2014 - International Conference on Soft Computing Techniques for Engineering and Technology					10.1109/ICSCTET.2015.7371193
Dixit, R.P., Sharma, K., Jain, S.C.	2016	Co-array-based Synthetic Aperture Active Imaging at Millimetre Wave Frequencies	IETE Journal of Research	62	1	27	34	10.1080/03772063.2015.1082441
Painuli, S., Rai, N., Kumar, N.	2016	Gas chromatography and mass spectrometry analysis of methanolic extract of leaves of rhododendron arboreum	Asian Journal of Pharmaceutical and Clinical Research	9	1	66	69	
Gupta, P., Gautam, P., Rai, N.	2016	Anticancer drugs as prospective efflux pump inhibitors for salmonella typhi produce conflicting results in in silico and in vitro studies	International Journal of Pharmacy and Pharmaceutical Sciences	8	12	244	251	10.22159/ijpps.2016v8i12.15136
Chaturvedi, M., Juneja, P.K., Jadaun, N., Sharma, A.	2016	Simulation studies for delay effect on stability of a canonical tank process	Lecture Notes in Electrical Engineering	396		325	332	10.1007/978-81-322-3589-7_36
Kumar, R., Moudgil, M.	2016	Multiple-input multiple-output paper machine system control using fuzzy-PID tuned controller	Advances in Intelligent Systems and Computing	437		145	155	10.1007/978-981-10-0451-3_15
Anthwal, P., Goyal, N., Ram, M., Thapliyal, A.	2016	Mathematical modeling for genesis of alzheimer disease through markov process	International Journal of PharmTech Research	9	7	189	199	
Juneja, P.K., Chaturvedi, M., Gupta, M.	2016	Controller capability comparison for a delayed first-order process model	Lecture Notes in Electrical Engineering	396		255	259	10.1007/978-81-322-3589-7_28
Kumar, M., Arya, D.D.	2016	Optimal payment policy with price-dependent demand and three parameters dependent deterioration rate under the influence trade credit	International Journal of Operational Research	26	2	236	251	10.1504/IJOR.2016.076303
Sharma, T., Kumar, N., Rai, N.	2016	Production and optimization of siderophore producing pseudomonas species isolated from Tarai region of Uttarakhand	International Journal of Pharma and Bio Sciences	7	1	306	314	
Goyal, N., Amoli, S., Suyal, A., Ram, M.	2016	On reliability analysis of a multi-state (k+1)-out-of-n: F system with partial failure	Nonlinear Studies	23	2	291	304	
Juneja, P.K., Jain, N., Chaturvedi, M., Singh, S.K.	2016	Effect of delay approximation using Pade technique on controller performance designed for a SOPDT model	Lecture Notes in Electrical Engineering	396		181	187	10.1007/978-81-322-3589-7_19
Kumar, A., Patil, P.P.	2016	FEA simulation based performance study of multi speed transmission gearbox	International Journal of Manufacturing, Materials, and Mechanical Engineering	6	1	51	61	10.4018/IJMMME.2016010103
Ram, M., Goyal, N.	2016	Automated teller machine network inspection under stochastic modelling	Journal of Engineering Science and Technology Review	9	5	1	8	
Sharma, V., Garg, P.	2016	Fault diagnosis of ZSI-FED 3-phase induction motor drive system using MATLAB	Advances in Intelligent Systems and Computing	437		193	202	10.1007/978-981-10-0451-3_19
Ahmad, H., Gupta, P., Tufchi, N., Pant, K., Kumar, N.	2016	In silico modeling and docking of cch1 protein of candida glabrata with FDA-approved drugs: A drug repurposing approach	Asian Journal of Pharmaceutical and Clinical Research	9	1	113	118	

Badoni, H., Singh, S., Sharma, P., Waheed, S.M.	2016	In silico investigation of phytoconstituents from various plants against neuroinflammatory markers as potent therapeutic targets	International Journal of Pharmacy and Pharmaceutical Sciences	8	3	45	52	
Kumar, A., Ram, M.	2016	System reliability measures in the presence of common cause failures	International Journal of Industrial and Systems Engineering	24	1	44	61	10.1504/IJISE.2016.078004
Ram, M.	2016	Special issue on applied mathematical techniques in engineering applications and related topics-I	Nonlinear Studies	23	4	515	516	
Patel, A., Juneja, P.K., Chaturvedi, M., Patel, J.	2016	Controller design for a TOPDT process model using integral error-based tuning techniques	Lecture Notes in Electrical Engineering	396		241	247	10.1007/978-81-322-3589-7_26
Singh, A.	2016	Stabilization of prey predator model via feedback control	Springer Proceedings in Mathematics and Statistics	186		177	186	10.1007/978-81-322-3640-5_10
Singh, V., Pant, B., Singh, S.	2016	Personalized log based recommender system for song playlist generation	Nonlinear Studies	23	4	571	578	
Singh, V., Pant, B., Singh, D.P.	2016	Identifying the event type and event location using sentiment analysis on tweets	International Journal of Control Theory and Applications	9	19	9101	9105	
Pandey, M., Tripathi, V.	2016	Recent trends in human motion recognition : A survey	International Journal of Control Theory and Applications	9	21	251	257	
Chaturvedi, M., Chauhaan, P., Juneja, P.K.	2016	Design of time-delay compensator for a FOPDT process model	Lecture Notes in Electrical Engineering	396		205	211	10.1007/978-81-322-3589-7_22
Sharma, V., Negi, B.	2016	Current signature analysis of single-phase ZSI-Fed induction motor drive system	Lecture Notes in Electrical Engineering	396		333	338	10.1007/978-81-322-3589-7_37
Kaur, M., Pandey, A., Garg, A.	2016	Analyzing state board's examination results using data mining techniques and R programming	International Journal of Control Theory and Applications	9	20	221	229	
Kharola, A., Patil, P.	2016	Ball and beam system control using PID-based ANFIS controllers	International Journal of Advanced Mechatronic Systems	7	1	24	34	10.1504/IJAMECHS.2016.079649
Srivastava, A., Singh, A., Joshi, G., Gupta, A.	2016	Utilization of wind energy from railways using vertical axis wind turbine	International Conference on Energy Economics and Environment - 1st IEEE Uttar Pradesh Section Conference, UPCON-ICEEE 2015					10.1109/EnergyEconomics.2015.7235107
Goyal, A.K., Chauhan, A.	2016	An EOQ model for deteriorating items with selling price dependent demand rate with learning effect	Nonlinear Studies	23	4	543	552	
Painuli, S., Kumar, N.	2016	Prospects in the development of natural radioprotective therapeutics with anti-cancer properties from the plants of Uttarakhand region of India	Journal of Ayurveda and Integrative Medicine	7	1	62	68	10.1016/j.jaim.2015.09.001
Chaturvedi, M., Juneja, P.K.	2016	Effect of variation in filter coefficients for different PID controller structures on performance of SOPDT process	Lecture Notes in Electrical Engineering	396		249	254	10.1007/978-81-322-3589-7_27

Singh, V., Pant, B., Singh, D.P.	2016	Health system using social network to detect the dengue infection in the specific region	Indian Journal of Community Health	28	3	291	294	
Vikas, S., Anand, C., Mukesh, K.	2016	EOQ models with optimal replenishment policy for perishable items taking account of time value of money	Indian Journal of Science and Technology	9	25			10.17485/ijst/2016/v9i25/97241
Ahmed, F., Kumar, P., Patil, P.P.	2016	Modeling and simulation of a quadcopter UAV	Nonlinear Studies	23	4	553	561	
Kumar, R., Sharma, S., Sharma, A.	2016	Corrosion study of electroless Ni-P-Al ₂ O ₃ -ZrO ₂ nanocomposite coatings in paper mill digester	Indian Journal of Science and Technology	9	44			10.17485/ijst/2016/v9i44/98981
BIST, A., SAINI, J.S., SHARMA, B.	2016	A review of tool wear prediction during friction stir welding of aluminium matrix composite	Transactions of Nonferrous Metals Society of China (English Edition)	26	8	2003	2018	10.1016/S1003-6326(16)64318-2
Tayal, S., Singh, S.R., Sharma, R.	2016	An integrated production inventory model for perishable products with trade credit period and investment in preservation technology	International Journal of Mathematics in Operational Research	8	2	137	163	10.1504/IJMOR.2016.074852
Shukla, H.S., Tripathi, R.P., Sang, N.	2016	Economic production quantity model for defective items under deterioration	Uncertain Supply Chain Management	4	3	221	232	10.5267/j.uscm.2016.1.002
Joshi, A., Sharma, A., Bachheti, R.K., Pandey, D.P.	2016	A comparative study of the chemical composition of the essential oil from Eucalyptus globulus growing in Dehradun (India) and around the world	Oriental Journal of Chemistry	32	1	331	340	10.13005/ojc/320137
Tyagi, N., Tripathi, R.P., Chandramouli, A.B.	2016	Single machine scheduling model for total weighted tardiness	Indian Journal of Science and Technology	9	31			10.17485/ijst/2016/v9i31/96259
Tripathi, V., Bhatt, P., Agarwal, S., Semwal, M.	2016	Modified dense trajectory for real time action recognition	International Journal of Control Theory and Applications	9	21	43	49	
Kharola, A.	2016	Position regulation and anti-swing control of overhead gantry inverted pendulum (GIP) using different soft-computing techniques	International Journal of Intelligent Systems and Applications	8	2	28	34	10.5815/ijisa.2016.02.04
Tyagi, N., Tripathi, R.P., Chandramouli, A.B.	2016	Flexible flowshop scheduling model with four stages	Indian Journal of Science and Technology	9	42			10.17485/ijst/2016/v9i42/101905
Sunori, S.K., Juneja, P.K., Chaturvedi, M., Bisht, S.	2016	GA based optimization of control system performance for juice clarifier of sugar mill	Oriental Journal of Chemistry	32	4	2205	2208	10.13005/ojc/320451
Sunori, S.K., Bisht, V.S., Pant, M., Juneja, P.	2016	Predictive control system design for lime kiln process	Lecture Notes in Electrical Engineering	396		197	204	10.1007/978-81-322-3589-7_21
Sundriyal, S., Ramola, V., Lakhera, P., Mittal, P., Kumar, B.	2016	Performance comparison between InP-ON and SON MOSFET at different nanotechnology nodes using 2-D numerical device simulation	Advances in Intelligent Systems and Computing	437		315	327	10.1007/978-981-10-0451-3_30
Goyal, N., Dua, A.K., Ram, M.	2016	Autonomous robot performance evaluation with rework	International Journal of Reliability and Safety	10	3	265	284	10.1504/IJRS.2016.081610
Sarkar, P., Rawat, D., Singh, R.N., Thapliyal, A.	2016	Effect of Rhizobacterial isolate ALKP 12 on the seed germination and growth pattern of Hordeum vulgare L. And its comparison with chemical fertilizer and other treatments	International Journal of ChemTech Research	9	6	647	656	

Jogdand, R.M., Batlad, S.B., Gangodkar, D.	2016	CSaaS-a multi-cloud framework for secure file storage technology using open ZFS	International Journal of High Performance Computing and Networking	9	3	230	241	10.1504/IJHPCN.2016.076265
Rana, R., Ghildiyal, V.	2016	A Comparative analysis of credit risk in investment banks : A case study of jp morgan, merrill lynch and bank of america	International Journal of Applied Business and Economic Research	14	14	237	250	
Prasad, K., Kumar, S., Negi, A., Mahanti, A.	2016	Generation and risk analysis of network attack graph	Advances in Intelligent Systems and Computing	404		507	516	10.1007/978-81-322-2695-6_42
Verma, P., Patel, N., Nair, N.-K.C., Sikander, A.	2016	Design of PID controller using cuckoo search algorithm for buck-boost converter of LED driver circuit	2016 IEEE 2nd Annual Southern Power Electronics Conference, SPEC 2016			117DUM MY		10.1109/SPEC.2016.7846102
Bajpayee, K., Kant, S., Pant, B., Chaudhary, A., Sharma, S.K.	2016	Mining frequent Itemset using quineâ€œMcCluskey algorithm	Advances in Intelligent Systems and Computing	437		763	769	10.1007/978-981-10-0451-3_68
Mittal, P., Negi, Y.S., Singh, R.K.	2016	A depth analysis for different structures of organic thin film transistors: Modeling of performance limiting issues	Microelectronic Engineering	150		7	18	10.1016/j.mee.2015.10.014
Rawat, P., Kant, S., Pant, B., Chaudhary, A., Sharma, S.K.	2016	A better approach for multilevel association rule mining	Advances in Intelligent Systems and Computing	437		597	604	10.1007/978-981-10-0451-3_53
Tripathi, R.P., Mishra, S.M.	2016	EOQ model with linear time dependent demand and different holding cost functions	International Journal of Mathematics in Operational Research	9	4	452	466	10.1504/IJMOR.2016.079804
Trancossi, M., Stewart, J., Subhash, M., Angeli, D.	2016	Mathematical model of a constructal coanda effect nozzle	Journal of Applied Fluid Mechanics	9	6	2813	2822	
Sunori, S.K., Shree, S., Maurya, A.K., Juneja, P.	2016	Neuro-fuzzy controller design for MIMO boiler turbine process	Lecture Notes in Electrical Engineering	396		189	195	10.1007/978-81-322-3589-7_20
Gupta, B., Bhatt, G., Mittal, A.	2016	Language identification and disambiguation in Indian mixed-script	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	9581		113	121	10.1007/978-3-319-28034-9_14
Pant, N., Kant, S., Pant, B., Sharma, S.K.	2016	An efficient approach for mining sequential pattern	Advances in Intelligent Systems and Computing	437		587	596	10.1007/978-981-10-0451-3_52
Hailu, T., Bachheti, R.K., Dekebo, A.	2016	Phytochemical analysis and antimicrobial activity of Senna didymobotrya seed extracts	Der Pharma Chemica	8	1	111	116	
Kumar, S., Johri, A., Sharma, A.	2016	Determination of key funding criteria by Venture Capitalists for financing it firm in Indian economy	International Journal of Applied Business and Economic Research	14	7	5343	5357	
Nautiyal, P., Madduri, P., Negi, S.	2015	Implementation of an ALU using modified carry select adder for low power and area-efficient applications	2015 International Conference on Computer and Computational Sciences, ICCCS 2015			22	25	10.1109/ICCCS.2015.7361316
Agarwal, A., Gupta, B., Bhatt, G., Mittal, A.	2015	Construction of a semi-automated model for FAQ retrieval via short message service	ACM International Conference Proceeding Series	04-06-December-2015		35	38	10.1145/2838706.2838717

Kumar, A., Ram, M.	2015	Performance of marine power plant given generator, main and distribution switchboard failures	Journal of Marine Science and Application	14	4	450	458	10.1007/s11804-015-1335-5
Math, M.M., Rodd, S.F., Kenchannavar, H., Kulkarni, S.B., Kulkarni, U.P., Yardi, A.R.	2015	Know-How: a design pattern for generic log adapter	Evolving Systems	6	4	255	268	10.1007/s12530-015-9130-8
Sikander, A., Prasad, R.	2015	Soft Computing Approach for Model Order Reduction of Linear Time Invariant Systems	Circuits, Systems, and Signal Processing	34	11	3471	3487	10.1007/s00034-015-0018-4
Joshi, S., Kumar, N.	2015	GC-MS analysis of the phytoconstituents in the methanolic extract of leaves of elaeocarpus sphaericus roxb	International Journal of Pharmaceutical Sciences Review and Research	35	1	103	107	
Tripathi, S., Prakash, R., Melkani, N., Kumar, S.	2015	Study of Bayes Theorem for Classification of Synthetic Aperture Data	Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			187	191	10.1109/ICACCE.2015.54
Garg, S., Vidyarthi, A., Jassal, B.S., Gowri, R.	2015	Long-Term Variability in Rain Attenuation Statistics over Indian Region	Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			234	239	10.1109/ICACCE.2015.117
Sharma, C., Jain, A.	2015	PV Based Green Computing System for ICT Sustainable Development	Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			240	244	10.1109/ICACCE.2015.40
Bhardwaj, S.C., Madhwal, E., Jassal, B.S.	2015	Characterization and Performance Evaluation of a Typical Troposcatter Channel	Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			228	233	10.1109/ICACCE.2015.115
Sharma, V., Rawat, N., Garg, P.	2015	Fault Diagnosis of Single Phase Z-Source Inverter	Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			108	111	10.1109/ICACCE.2015.28
Fotedar, R., Garia, P., Saini, R., Vidyarthi, A., Gowri, R.	2015	Performance Analysis of Microstrip Antennas Using Different Shapes of Patch at 2.4 GHz	Proceedings - 2015 2nd IEEE International Conference on Advances in Computing and Communication Engineering, ICACCE 2015			374	377	10.1109/ICACCE.2015.132

Pokhariya, H.S., Bisht, S., Rathi, V.	2015	Cascading of two rectangular waveguides by using HFSS, cascade and MATLAB software	International Journal of Applied Engineering Research	10	17	37587	37591	
Mittal, P., Negi, Y.S., Singh, R.K.	2015	An analytical approach for parameter extraction in linear and saturation regions of top and bottom contact organic transistors	Journal of Computational Electronics	14	3	828	843	10.1007/s10825-015-0719-8
Kumar, M., Gowri, R.	2015	Analysis and characterization of edge coupled coplanar waveguide discontinuities for filter applications	ACM International Conference Proceeding Series	25-27-September-2015		309	312	10.1145/2818567.2818664
Thakur, P., Singh, A.K.	2015	Signal processing and AI based diagnosis of power quality disturbances: A review	International Conference on Energy Economics and Environment - 1st IEEE Uttar Pradesh Section Conference, UPCON-ICEEE 2015					10.1109/EnergyEconomics.2015.7235071
Pati, P., Pradhan, R.M., Dash, C., Parkash, B., Awasthi, A.K.	2015	Terminal fans and the Ganga plain tectonism: A study of neotectonism and segmentation episodes of the Indo-Gangetic foreland basin, India	Earth-Science Reviews	148		134	149	10.1016/j.earscirev.2015.06.002
Singh, A., Kumar, R., Tripathi, R.P., Gaba, S.P., Singh, J.P.	2015	Design & development of a simulation system for ballistic missile	Proceedings of 2015 IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2015					10.1109/ICECCT.2015.7225938
Hasan, M.I., Kumar, S.	2015	Average Channel Capacity of Correlated Dual-Branch Maximal Ratio Combining Under Worst Case of Fading Scenario	Wireless Personal Communications	83	4	2623	2646	10.1007/s11277-015-2559-z
Negi, S., Madduri, P.	2015	Implementation of high speed radix-10 parallel multiplier using Verilog	19th International Symposium on VLSI Design and Test, VDAT 2015 - Proceedings					10.1109/ISVDAT.2015.7208074
Negi, S., Madduri, P.	2015	Implementation of high speed radix-10 parallel multiplier using Verilog	19th International Symposium on VLSI Design and Test, VDAT 2015 - Proceedings					10.1109/ISVDAT.2015.7208073
Rodd, S.F., Kulkarni, U.P.	2015	Adaptive self-tuning techniques for performance tuning of database systems: a fuzzy-based approach with tuning moderation	Soft Computing	19	7	2039	2045	10.1007/s00500-014-1389-3
Bachheti, R.K., Rai, I., Joshi, A., Satyan, R.S.	2015	Chemical composition and antimicrobial activity of Hyptis suaveolens Poit. seed oil from Uttarakhand State, India	Oriental Pharmacy and Experimental Medicine	15	2	141	146	10.1007/s13596-015-0184-8
Anand, J., Upadhyaya, B., Rawat, P., Rai, N.	2015	Biochemical characterization and pharmacognostic evaluation of purified catechins in green tea (Camellia sinensis) cultivars of India	3 Biotech	5	3	285	294	10.1007/s13205-014-0230-0

Bhat, M.A., Kumar, V.	2015	Change in temperature of skin, blood, muscle and bone tissues due to mobile phone radiations at frequencies 800, 900, 1800 and 2450 MHz	American Journal of Engineering and Applied Sciences	8	3	390	398	10.3844/ajeassp.2015.390.398
Gill, F.S., Panwar, V., Gupta, H., Kalra, G.S., Chawla, S., Kumar, R., Mehra, R.M.	2015	Study of growth of dot and column in porous silicon samples of various thicknesses prepared at a constant current density	Physica E: Low-Dimensional Systems and Nanostructures	73		110	115	10.1016/j.physe.2015.04.027
Saini, S., Kumar, S., Lal, A.K.	2015	Effect of mass variation on the radial oscillations of differentially rotating and tidally distorted polytropic stars	Astrophysics	58	2	296	307	10.1007/s10511-015-9384-7
Semwal, S., Singh, M., Prasad, R.S.	2015	Group control and identification of residential appliances using a nonintrusive method	Turkish Journal of Electrical Engineering and Computer Sciences	23	6	1805	1816	10.3906/elk-1404-59
Verma, R.P., Pandey, K.N., Sharma, Y.	2015	Effect of ER4043 and ER5356 filler wire on mechanical properties and microstructure of dissimilar aluminium alloys, 5083-O and 6061-T6 joint, welded by the metal inert gas welding	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	229	6	1021	1028	10.1177/0954405414535771
Cabibihan, J.-J., Joshi, D., Srinivasa, Y.M., Chan, M.A., Muruganatham, A.	2015	Illusory sense of human touch from a warm and soft artificial hand	IEEE Transactions on Neural Systems and Rehabilitation Engineering	23	3	517	527	10.1109/TNSRE.2014.2360533
Pistohl, T., Joshi, D., Ganesh, G., Jackson, A., Nazarpour, K.	2015	Artificial proprioceptive feedback for myoelectric control	IEEE Transactions on Neural Systems and Rehabilitation Engineering	23	3	498	507	10.1109/TNSRE.2014.2355856
Ram, M., Kumar, A.	2015	Performability analysis of a system under 1-out-of-2:G scheme with perfect reworking	Journal of the Brazilian Society of Mechanical Sciences and Engineering	37	3	1029	1038	10.1007/s40430-014-0227-y
Mittal, P., Negi, Y.S., Singh, R.K.	2015	Mapping of performance limiting issues to analyze top and bottom contact organic thin film transistors	Journal of Computational Electronics	14	1	360	379	10.1007/s10825-015-0663-7
Kumar, S., Lal, A.K., Saini, S.	2015	Vibrational Stability of Differentially Rotating Polytropic Stars	Astrophysics	58	1	120	130	10.1007/s10511-015-9370-0
Kohli, G.S., Dandriyal, A., Goyal, P.	2015	Enhancing education for IT literacy using spoken tutorials	Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			366	371	10.1109/MITE.2014.7020305
Mamgain, N., Sharma, A., Goyal, P.	2015	Learner's perspective on video-viewing features offered by MOOC providers: Coursera and edX	Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			331	336	10.1109/MITE.2014.7020298

Goyal, P., Kaur, M., Pandey, A.	2015	Positive impact of plagiarism awareness seminars: A case study	Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			358	361	10.1109/MITE.2014.7020303
Goyal, P., Dwivedi, M., Awais, M.	2015	Use of randomized algorithms for enhancing learning ability in algorithms course	Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014			352	357	10.1109/MITE.2014.7020302
Chand, P., Mahapatra, R., Prakash, R.	2015	Energy consumption analysis of heterogeneous wireless network using coordinated multipoint transmission technique	11th IEEE India Conference: Emerging Trends and Innovation in Technology, INDICON 2014					10.1109/INDICON.2014.7030481
Chandran, S.N., Gangodkar, D., Mittal, A.	2015	Parallel implementation of local derivative pattern algorithm for fast image retrieval	International Conference on Computing, Communication and Automation, ICCCA 2015			1132	1137	10.1109/CCAA.2015.7148545
Sharma, C., Jain, A.	2015	Performance comparison of PID and fuzzy controllers in distributed MPPT	International Journal of Power Electronics and Drive Systems	6	3	625	635	
Manglik, M., Ram, M.	2015	Behavioural analysis of a hydroelectric production power plant under reworking scheme	International Journal of Production Research	53	2	648	664	10.1080/00207543.2014.962114
Singh, M., Kumar, S., Semwal, S., Prasad, R.S.	2015	Residential load signature analysis for their segregation using wavelet+SVM	Lecture Notes in Electrical Engineering	326		863	871	10.1007/978-81-322-2119-7_84
Singh, R.V.	2015	Polyhydroxybutyrate (PHB): Biodegradable, bioplastics produced by microorganisms	International Journal of Pharmaceutical Research	7	2	17	23	
Tandon, T., Nithin Kumar, K.C., Shaikh, A., Silori, P.	2015	Stress Analysis of Costal RADAR Antenna Mounting Base Using ANSYS	Materials Today: Proceedings	2	04-May	2246	2255	10.1016/j.matpr.2015.07.244
Painuli, S., Rai, N., Kumar, N.	2015	GC-MS analysis of methanolic extract of leaves of Rhododendron campanulatum	International Journal of Pharmacy and Pharmaceutical Sciences	7	12	299	303	
Gupta, P., Rai, N., Gautam, P.	2015	Anticancer drugs as potential inhibitors of acrAB-TolC of multidrug resistant Escherichia coli: An in silico molecular modeling and docking study	Asian Journal of Pharmaceutical and Clinical Research	8	1	351	358	
Goyal, N., Ram, M., Mittal, A.	2015	Reliability measures analysis of a computer system incorporating two types of repair under copula approach	Numerical Methods for Reliability and Safety Assessment: Multiscale and Multiphysics Systems			365	385	10.1007/978-3-319-07167-1_12
Kumar, K.C.N., Tandon, T., Silori, P., Shaikh, A.	2015	Biomechanical Stress Analysis of a Human Femur Bone Using ANSYS	Materials Today: Proceedings	2	04-May	2115	2120	10.1016/j.matpr.2015.07.211
Tufchi, N., Pant, K., Pant, B.	2015	Docking studies of grayanotoxin as potential inhibitor for major virulent proteins of encephalitis virus	International Journal of PharmTech Research	7	1	156	164	

Sharma, C., Jain, A.	2015	Modeling of buck converter models in MPPT using PID and FLC	Telkomnika (Telecommunication Computing Electronics and Control)	13	4	1270	1280	10.12928/TELKOMNIKA.v13i4.1774
Raveendhra, D., Thakur, P., Chauhan, A.	2015	FPGA controlled power conditioning system for solar PV fed PMDC motor	Lecture Notes in Electrical Engineering	326		321	328	10.1007/978-81-322-2119-7_33
Goyal, P., Kukreja, T., Agarwal, A., Khanna, N.	2015	Narrowing awareness gap by using e-learning tools for counselling university entrants	Conference Proceeding - 2015 International Conference on Advances in Computer Engineering and Applications, ICACEA 2015			847	851	10.1109/ICACEA.2015.7164822
Garg, S., Gowri, R.	2015	Circularly polarized antenna array for L-band applications	Proceedings - 2015 IEEE International Conference on Computational Intelligence and Communication Technology, CICT 2015			312	316	10.1109/CICT.2015.121
Irshad, H., Gowri, R.	2015	Design of a passive integrated antenna at 5.2 GHz	2nd International Conference on Signal Processing and Integrated Networks, SPIN 2015			88	91	10.1109/SPIN.2015.7095431
Moudgil, M., Kumar, R., Gaba, S.	2015	Multivariable robust control of an approach flow system	2015 International Conference on Industrial Instrumentation and Control, ICIC 2015			1306	1311	10.1109/IIC.2015.7150950
Tufchi, N., Pant, K., Pant, B., Waheed, S.M.	2015	In silico prediction and validation of microRNAs from Japanese encephalitis virus (JEV)	International Journal of Pharmacy and Pharmaceutical Sciences	7	6	333	336	
Sharma, V., Kumar, M., Chauhan, A.	2015	An imperfect production model with preservation technology, fuzzy and variable holding cost under two storage capacity	International Journal of Agricultural and Statistical Sciences	11	1	225	231	
Chand, P., Mahapatra, R., Prakash, R.	2015	Energy efficient performance analysis of downlink CoMP in heterogeneous wireless network	9th International Conference on Industrial and Information Systems, ICIS 2014					10.1109/ICIINFS.2014.7036553
Kumar, K.C.N., Gupta, G., Lakhera, S., Shaikh, A.	2015	Structural Optimization of Composite Stiffened Panel of a Transport Aircraft Wing using CAE Tools	Materials Today: Proceedings	2	04-May	2588	2594	10.1016/j.matpr.2015.07.213
Kumar, A., Mamgain, D.P., Jaiswal, H., Patil, P.P.	2015	Modal Analysis of Hand-Arm Vibration (Humerus Bone) for Biodynamic Response Using Varying Boundary Conditions Based on FEA	Advances in Intelligent Systems and Computing	308 AISC	VOLUME 1	169	176	10.1007/978-81-322-2012-1_18
Yadav, S.C., Juneja, P., Varshney, R.G.	2015	A study of the family of affine projection algorithms	International Journal of Applied Engineering Research	10	17	38349	38353	
Aarya, D.D., Kumar, M.	2015	Supply chain model with ramp type demand under planning horizon	Indian Journal of Science and Technology	8	15			10.17485/ijst/2015/v8i15/51359

Lal, A., Pant, M., Rani, A.	2015	The who's who of plant viruses: A cognitive approach	Asian Journal of Pharmaceutical and Clinical Research	8	1	60	68	
Sharma, T., Rai, N.	2015	isolation of plant hormone (indole-3-acetic acid) producing rhizobacteria and study on their effects on tomato (Lycopersicon esculentum) seedling	International Journal of PharmTech Research	7	1	99	107	
Ghazi, M.R., Gangodkar, D.	2015	Hadoop, mapreduce and HDFS: A developers perspective	Procedia Computer Science	48	C	45	50	10.1016/j.procs.2015.04.108
Sharma, A., Bachheti, R.K., Sharma, R.G.	2015	Proximate chemical analysis of Ipomoea carnea and its sodium hydroxide pretreatment to obtain fermentable sugars	International Journal of Pharma and Bio Sciences	6	3	B1247	B1255	
Negi, S., Rana, A., Baliga, A.K., Mittal, P., Kumar, B.	2015	Performance analysis of dual gate organic thin film transistor and organic SR latch application	International Conference on Computing, Communication and Automation, ICCCA 2015			1427	1432	10.1109/CCAA.2015.7148605
Silori, P., Shaikh, A., Nithin Kumar, K.C., Tandon, T.	2015	Finite Element Analysis of Traction Gear Using ANSYS	Materials Today: Proceedings	2	04-May	2236	2245	10.1016/j.matpr.2015.07.243
Tripathi, V., Gangodkar, D., Latta, V., Mittal, A.	2015	Robust abnormal event recognition via motion and shape analysis at ATM installations	Journal of Electrical and Computer Engineering	2015				10.1155/2015/502737
Islam, M., Chakraborti, J.	2015	Futures and forward contract as a route of hedging the risk	Risk Governance and Control: Financial Markets and Institutions	5	4	68	79	
Ram, M., Kumar, A.	2015	Erratum to: Performance of a Structure Consisting a 2 Out-of-3:F Substructure Under Human Failure[Arabian Journal for Science and Engineering, 2014, 39, 8383-8394, DOI 10.1007/s13369-014-1347-5]	Arabian Journal for Science and Engineering	40	3	993		10.1007/s13369-014-1564-y
Kumar, S., Melkani, N., Awasthi, N., Prakash, R.	2015	Texture analysis and classification of polarimetric SAR images using histogram measures	2nd International Conference on Signal Processing and Integrated Networks, SPIN 2015			506	511	10.1109/SPIN.2015.7095365
Sajwan, V., Goyal, P.	2015	Sub-block features based image retrieval	Smart Innovation, Systems and Technologies	31		637	646	10.1007/978-81-322-2205-7_59
Rawat, G., Rathore, K., Goyal, S., Kala, S., Mittal, P.	2015	Design and analysis of ALU: Vedic mathematics approach	International Conference on Computing, Communication and Automation, ICCCA 2015			1372	1376	10.1109/CCAA.2015.7148593
Anand, J., Gautam, P., Rai, N.	2015	Comparative study of antibacterial and anti-proliferative potential of green tea from different geographical locations in India	Asian Journal of Pharmaceutical and Clinical Research	8	1	253	258	
Pandey, A., Kaur, M., Goyal, P.	2015	The menace of plagiarism: How to detect and curb it	2015 4th International Symposium on Emerging Trends and Technologies in Libraries and Information Services, ETT LIS 2015 - Proceedings			285	289	10.1109/ETTLIS.2015.7048213

Ram, M., Chandna, R.	2015	Reliability measures measurement under rule-based fuzzy logic technique	International Journal of Engineering, Transactions A: Basics	28	10	1220	1226	
Rathod, A.P.S., Lakhera, P., Baliga, A.K., Mittal, P., Kumar, B.	2015	Performance comparison of pass transistor and CMOS logic configuration based de-multiplexers	International Conference on Computing, Communication and Automation, ICCCA 2015			1433	1437	10.1109/CCAA.2015.7148606
Sharma, A., Joshi, S., Kumar, N.	2015	Antioxidant and antibacterial properties of leaves of <i>Elaeocarpus sphaericus</i> Roxb. and <i>Pinus wallichiana</i> from Uttarakhand region of India	International Journal of Green Pharmacy	9	4	246	251	
Kumar, A., Dwivedi, A., Jaiswal, H., Patil, P.P.	2015	Material-Based Vibration Characteristic Analysis of Heavy Vehicle Transmission Gearbox Casing Using Finite Element Analysis	Advances in Intelligent Systems and Computing	308 AISC	VOLUME 1	527	533	10.1007/978-81-322-2012-1_56
Kumar, A., Varshney, A.K., Ram, M.	2015	Sensitivity analysis for casting process under stochastic modelling	International Journal of Industrial Engineering Computations	6	3	419	432	10.5267/j.ijiec.2015.2.001
Kumar, D., Agrawal, A., Goyal, P.	2015	Efficiently improving the security of OTP	Conference Proceeding - 2015 International Conference on Advances in Computer Engineering and Applications, ICACEA 2015			912	915	10.1109/ICACEA.2015.7164835
Garg, S., Gowri, R.	2015	High performance microstrip antenna arrays for mobile adhoc network	International Conference on Computing, Communication and Automation, ICCCA 2015			1402	1405	10.1109/CCAA.2015.7148599
Sharma, C., Jain, A.	2015	Modeling of buck converter models in MPPT using PID and FLC	Telkomnika (Telecommunication Computing Electronics and Control)	13	4	1270	1280	10.12928/TELKOMNIKA.v13i4.1774
Pant, M., Lal, A., Jain, R.	2015	A simple cost effective method for mass propagation of <i>Chrysanthemum morifolium</i> and antibacterial activity assessment of in vitro raised plantlets	Journal of Applied Pharmaceutical Science	5	7	103	111	10.7324/JAPS.2015.50716
Ram, M., Kumar, A.	2015	Paper mill plant performance evaluation with power supply in standby mode	International Journal of Quality and Reliability Management	32	4	400	414	10.1108/IJQRM-04-2014-0047
Vidyarthi, A., Garg, S., Jassal, B.S., Gowri, R.	2015	Rain fade mitigation using linear prediction technique in wireless communication	International Conference on Computing, Communication and Automation, ICCCA 2015			1377	1380	10.1109/CCAA.2015.7148594
Chauhan, A., Thakur, P., Raveendhra, D.	2015	Quantification of voltage unbalance conditions	Lecture Notes in Electrical Engineering	326		47	55	10.1007/978-81-322-2119-7_6
Singh, S., Singh, M., Chanana, S., Semwal, S.	2015	Frequency regulation of isolated hybrid wind/diesel, Power generation with fuel cell system	Lecture Notes in Electrical Engineering	326		853	862	10.1007/978-81-322-2119-7_83

Tayal, S., Singh, S.R., Sharma, R., Singh, A.P.	2015	An EPQ model for non-instantaneous deteriorating item with time dependent holding cost and exponential demand rate	International Journal of Operational Research	23	2	145	162	10.1504/IJOR.2015.069177
Singh, M., Semwal, S., Kumar, A., Singh, S.	2015	Impedance modeling for classification of flavored green teas	Turkish Journal of Electrical Engineering and Computer Sciences	23		2208	2214	10.3906/elk-1306-253
Verma, P.R., Singh, D.P., Goudar, R.H.	2015	Power Efficiency with Localization for Tracking and Scrutinizing the Aquatic Sensory Nodes	Advances in Intelligent Systems and Computing	308 AISC	VOLUME 1	661	673	10.1007/978-81-322-2012-1_71
Sunori, S.K., Juneja, P.K.	2015	Controller design for MIMO boiler turbine process	International Journal of Control Theory and Applications	8	2	477	486	
Sunori, S.K., Juneja, P.K., Jain, A.B.	2015	Model predictive control system design for boiler turbine process	International Journal of Electrical and Computer Engineering	5	5	1054	1061	
Gupta, P., Meena, R.C., Rai, N., Kumar, N.	2015	Effect of hypoxia on in vitro adhesion, biofilm formation and antifungal susceptibility of Candida albicans	International Journal of Pharmaceutical Sciences Review and Research	32	1	279	283	
Rajoria, Y.K., Saini, S., Singh, S.R.	2015	EOQ model for decaying items with power demand, partial backlogging and inflation	International Journal of Applied Engineering Research	10	9	22861	22874	
Kumar, S., Ahmad, Z.	2015	Experimental investigation on ingestion of sediment into trench weirs	ISH Journal of Hydraulic Engineering	21	3	343	352	10.1080/09715010.2015.1043595
Rawat, S., Ramola, V., Baliga, A.K., Mittal, P., Kumar, B.	2015	Performance analysis of vertical channel organic thin film transistors through 2-D device simulation	International Conference on Computing, Communication and Automation, ICCCA 2015			1038	1043	10.1109/CCAA.2015.7148529
Tripathi, R.P., Tomar, S.S.	2015	Optimal order policy for deteriorating items with time-dependent demand in response to temporary price discount linked to order quantity	International Journal of Mathematical Analysis	9	21-24	1095	1109	10.12988/ijma.2015.5235
Agarwal, R., Raman, B., Mittal, A.	2015	Hand gesture recognition using discrete wavelet transform and support vector machine	2nd International Conference on Signal Processing and Integrated Networks, SPIN 2015			489	493	10.1109/SPIN.2015.7095326
Tripathi, R.P., Uniyal, A.K.	2015	Economic order quantity model for deteriorating items with time-dependent demand rate under time varying shortages	International Journal of Mathematics in Operational Research	7	6	706	719	10.1504/IJMOR.2015.072278
Dixit, R.P., Sharma, K., Jain, S.C.	2015	2-D imaging of concealed objects using circular co-arrays at MM wave frequencies: Simulation and experimental results	Defence Science Journal	65	5	372	378	10.14429/dsj.65.8153
Kumari, N., Kuchhal, P., Manohar, B.R., Gowri, R.	2015	An electrical equivalent circuit of slotted metamaterial antenna for mobile handsets	International Journal of Applied Engineering Research	10	15	35342	35344	
Thapliyal, M., Tiwari, P., Thapliyal, A.	2015	Alterations in physico-chemical parameters of water and aquatic diversity at Maneri-Bhali phase I dam site on river ganges in district Uttarkashi, Uttarakhand	Management of Natural Resources in a Changing Environment			99	112	10.1007/978-3-319-12559-6_7

Kumar, V., Chaturvedi, N., Kumar, P.	2015	SONIC: Stability of nodes in cooperative caching for wireless network	Advances in Intelligent Systems and Computing	332		169	178	10.1007/978-81-322-2196-8_20
Tayal, S., Singh, S.R., Sharma, R.	2015	An inventory model for deteriorating items with seasonal products and an option of an alternative market	Uncertain Supply Chain Management	3	1	69	86	10.5267/j.uscm.2014.8.003
Tyagi, N., Chandramouli, A.B.	2015	Two stage flow shop scheduling model with transportation time and job block	Global Journal of Pure and Applied Mathematics	11	5	3425	3436	
Singh, A., Kumar, R., Tripathi, R.P., Gaba, S.P., Singh, J.P.	2015	Modeling & simulation for transformation matrix, rotation matrix & remaining energy	International Journal of Applied Engineering Research	10	10	27101	27110	
Hasan, M.I., Kumar, S.	2015	Spectral efficiency evaluation for selection combining diversity schemes under worst case of fading scenario	International Journal of Communication Networks and Information Security	7	3	123	130	
Verma, O.P., Kumar, S., Manik, G.	2015	Analysis of hybrid temperature control for nonlinear continuous stirred tank reactor	Advances in Intelligent Systems and Computing	336		103	121	10.1007/978-81-322-2220-0_9
Sharma, S., Singh, S.R., Ram, M.	2015	An EPQ model for deteriorating items with price sensitive demand and shortages	International Journal of Operational Research	23	2	245	255	10.1504/IJOR.2015.069183
Kumar, A., Kumar, V., Pathak, P.P.	2015	Specific absorption rate due to variation in frequency on human body tissues near radio broadcasting antenna	Asian Journal of Pharmaceutical and Clinical Research	8	1	120	124	
Goyal, A.K., Chauhan, A., Singh, S.R.	2015	An EOQ inventory model with stock and selling price dependent demand rate, partial backlogging and variable ordering cost	International Journal of Agricultural and Statistical Sciences	11	2	441	447	
Singh, R., Panchbhaiya, I., Pandey, A., Goudar, R.H.	2015	Hybrid Encryption Scheme (HES): An approach for transmitting secure data over internet	Procedia Computer Science	48	C	51	57	10.1016/j.procs.2015.04.109
Kumar, R., Rajak, K.K., Chandra, T., Muthuchelvan, D., Saxena, A., Chaudhary, D., Kumar, A., Pandey, A.B.	2015	Sequence-based comparative study of classical swine fever virus genogroup 2.2 isolate with pestivirus reference strains	Veterinary World	8	9	1059	1062	10.14202/vetworld.2015.1059-1062
Sunori, S.K., Juneja, P.K.	2015	Multivariable controller design for lime kiln process	International Journal of Control Theory and Applications	8	2	513	524	
Anthwal, P., Thapliyal, M., Palni, L.M.S., Thapliyal, A.	2015	Genesis of Alzheimer's - Brain or blood: Are we looking at the right drug targets?	International Journal of Pharmaceutical Sciences Review and Research	34	1	65	79	
Jogdand, R.M., Goudar, R.H., Sayed, G.B., Dhamanekar, P.B.	2015	Enabling public verifiability and availability for secure data storage in cloud computing	Evolving Systems	6	1	55	65	10.1007/s12530-013-9095-4
Chauhan, A., Singh, A.P.	2015	A note on the inventory models for deteriorating items with Verhulst's model type demand rate	International Journal of Operational Research	22	2	243	261	10.1504/IJOR.2015.067340
Raj Kumar Patel, A., Rakesh Thapliyal, B., Giri, C.V.K.	2015	Application of DWT and PDD for bearing fault diagnosis using vibration signal	Journal of Electrical Engineering	15	4	139	144	
Tripathi, R.P., Singh, D.	2015	Inventory model with stock dependent demand and different holding cost functions	International Journal of Industrial and Systems Engineering	21	1	68	82	10.1504/IJISE.2015.070875
Tripathi, R.P., Singh, D., Mishra, T.	2015	Economic order quantity with linearly time dependent demand rate and shortages	Journal of Mathematics and Statistics	11	1	21	28	10.3844/jmssp.2015.21.28

Hasan, M.I., Kumar, S.	2015	Average channel capacity evaluation for selection combining diversity schemes over Nakagami-0.5 fading channels	International Journal of Communication Networks and Information Security	7	2	69	79	
Maheshwari, B.K., Emani, P.K.	2015	Three-dimensional nonlinear seismic analysis of pile groups using FE-CIFECM coupling in a hybrid domain and HISS plasticity model	International Journal of Geomechanics	15	3			10.1061/(ASCE)GM.1943-5622.0000335
Goel, R., Singh, A.P., Sharma, R.	2015	Supply chain model with stock dependent demand, quadratic rate of deterioration with allowable shortage	International Journal of Mathematics in Operational Research	7	2	156	177	10.1504/IJMOR.2015.068290
Kharola, A., Patil, P.	2015	Control of double inverted pendulum (DIP) using fuzzy hybrid adaptive neuro controller	2014 IEEE International Conference on Computational Intelligence and Computing Research, IEEE ICCIC 2014			287	295	10.1109/ICCIC.2014.7238361
Khanna, U., Madan, P.	2015	Do corporate governance practices differ across different market capitalization of the firms: Some empirical findings from India?	Corporate Ownership and Control	12	2	435	442	
Aarya, D., Sharma, V.	2015	An optimal policy for Weibull deteriorating items with power demand pattern and permissible delay on payments	Global Journal of Pure and Applied Mathematics	11	5	3275	3285	
Tripathi, R.P., Pandey, H.S.	2015	Inventory model with weibull time-dependent demand rate and completely backlogged permissible delay in payments	Uncertain Supply Chain Management	3	4	321	332	10.5267/j.uscm.2015.6.003
Sikander, A., Rajendra Prasad, B.	2015	A novel order reduction method using cuckoo search algorithm	IETE Journal of Research	61	2	83	90	10.1080/03772063.2015.1009396
Anthwal, P., Semwal, P., Kapoor, T., Thapliyal, M., Thapliyal, A.	2015	Azadirachtin, cardioloside, and kutkin can be vital phytochemicals for the modulation of secretase enzymes for the treatment of alzheimer's: An in-silico analysis	Asian Journal of Pharmaceutical and Clinical Research	8	4	108	112	
Joshi, A., Sharma, A., Pandey, D.P., Bachheti, R.K.	2015	Physico-chemical properties of Perilla frutescens seeds	Der Pharma Chemica	7	5	35	41	
Kumar, M., Aarya, D.D., Kumar, R.	2015	A deteriorating inventory model with inflation and trade-credit period under power pattern demand rate	Global Journal of Pure and Applied Mathematics	11	4	2427	2440	
Shukla, H.S., Tripathi, R.P., Yadav, S.K., Shukla, V.	2015	Inventory model for deteriorating items with quadratic time-dependent demand rate and composed shortages	Journal of Applied Probability and Statistics	10	2	135	147	
Dhiman, N., Awasthi, M.K., Chauhan, S.	2015	Pressure corrections in the potential flow analysis of electrohydrodynamics Kelvin-Helmholtz instability of cylindrical interface through porous media	Gazi University Journal of Science	28	1	45	57	
Tripathi, R.P., Singh, H., Sang, N.	2015	optimal ordering policy with stock-dependent demand rate under retailer's two stages trade credit financing using Discounted Cash Flow (DCF) approach	Journal of Mathematics and Statistics	11	3	75	87	10.3844/jmssp.2015.75.87

Chalak, H.D., Chakrabarti, A., Sheikh, A.H., Iqbal, M.A.	2015	Stability analysis of laminated soft core sandwich plates using higher order zig-zag plate theory	Mechanics of Advanced Materials and Structures	22	11	897	907	10.1080/15376494.2013.874061
Joshi, A., Wazid, M., Goudar, R.H.	2015	An efficient cryptographic scheme for text message protection against brute force and cryptanalytic attacks	Procedia Computer Science	48	C	360	366	10.1016/j.procs.2015.04.194
Tyagi, N., Abedi, M., Chandramouli, A.B., Zarook, Y.	2015	A new heuristic algorithm for minimization of total cost including customer's waiting cost and machine setup cost for sequence dependent jobs on a single processor using GA	Global Journal of Pure and Applied Mathematics	11	4	2601	2614	
Rawal, D.K., Ram, M., Singh, V.V.	2015	Study of reliability measures of a local area network via copula linguistics approach	International Journal of Quality and Reliability Management	32	1	97	111	10.1108/IJQRM-07-2011-0102
Sharma, A., Goyal, T., Pilli, E.S., Mazumdar, A.P., Govil, M.C., Joshi, R.C.	2015	A Secure Hybrid Cloud Enabled architecture for Internet of Things	IEEE World Forum on Internet of Things, WF-IoT 2015 - Proceedings			274	279	10.1109/WF-IoT.2015.7389065
Zhu, F., Bosch, M., Khanna, N., Boushey, C.J., Delp, E.J.	2015	Multiple hypotheses image segmentation and classification with application to dietary assessment	IEEE Journal of Biomedical and Health Informatics	19	1	377	388	10.1109/JBHI.2014.2304925
Kumar, B., Kaushik, B.K., Negi, Y.S.	2014	Design and analysis of noise margin, write ability and read stability of organic and hybrid 6-T SRAM cell	Microelectronics Reliability	54	12	2801	2812	10.1016/j.microrel.2014.08.012
Mittal, P., Negi, Y.S., Singh, R.K.	2014	Impact of source and drain contact thickness on the performance of organic thin film transistors	Journal of Semiconductors	35	12			10.1088/1674-4926/35/12/124002
Singh, B.M., Mittal, A., Ghosh, D.	2014	A novel method for straightening curved text-lines in stylistic documents	Eurasip Journal on Image and Video Processing	2014	1	1	8	10.1186/1687-5281-2014-36
Rani, A., Kumar, A., Lal, A., Pant, M.	2014	Cellular mechanisms of cadmium-induced toxicity: A review	International Journal of Environmental Health Research	24	4	378	399	10.1080/09603123.2013.835032
Choudhury, P.R., Wats, N., Jaiswal, R., Goudar, R.H.	2014	Automated process for assessment of learners programming assignments	2014 IEEE 8th International Conference on Intelligent Systems and Control: Green Challenges and Smart Solutions, ISCO 2014 - Proceedings			281	285	10.1109/ISCO.2014.7103960
Singh, S., Parkash, B., Awasthi, A.K., Kumar, S.	2014	Do stable isotopes in carbonate cement of Mio-Pleistocene Himalayan sediments record paleoecological and paleoclimatic changes?	Palaeogeography, Palaeoclimatology, Palaeoecology	399		363	372	10.1016/j.palaeo.2014.02.002
Harbola, A., Harbola, J., Vaisla, K.S.	2014	Improved intrusion detection in DDoS applying feature selection using Rank & Score of attributes in KDD-99 Data Set	Proceedings - 2014 6th International Conference on Computational Intelligence and Communication Networks, CICN 2014			840	845	10.1109/CICN.2014.179
Goyal, K., Panwar, R., Khanna, N.	2014	Evaluation of IQM's effectiveness for cell phone identification using captured videos and images	2014 International Conference on Power, Control and Embedded Systems, ICPCES 2014					10.1109/ICPCES.2014.7062829

Panwar, R., Goyal, K., Pandey, N., Khanna, N.	2014	Imaging system for classification of local flora of Uttarakhand region	2014 International Conference on Power, Control and Embedded Systems. ICPCES 2014					10.1109/ICPCES.2014.7062815
Manchanda, D., Goyal, P., Khanna, N.	2014	An online feedback system for anonymous and credible feedback identification	2014 International Conference on Power, Control and Embedded Systems. ICPCES 2014					10.1109/ICPCES.2014.7062828
Ahmad, Z., Khanna, N., Kerr, D.A., Boushey, C.J., Delp, E.J.	2014	A mobile phone user interface for image-based dietary assessment	Proceedings of SPIE - The International Society for Optical Engineering	9030				10.1117/12.2041334
Saini, S., Lal, A.K., Kumar, S.	2014	Equilibrium Structure of Rotationally and Tidally Distorted Prasad Model Including the Effect of Mass Variation Inside the Star	Astrophysics	57	1	119	129	10.1007/s10511-014-9319-8
Gupta, S., Khare, R., Rai, H., Upreti, D.K., Gupta, R.K., Sharma, P.K., Srivastava, K., Bhattacharya, P.	2014	Influence of macro-scale environmental variables on diversity and distribution pattern of lichens in Badrinath valley, Western Himalaya	Mycosphere	5	1	229	243	10.5943/mycosphere/5/1/12
Semwal, S., Shah, G., Prasad, R.S.	2014	Identification residential appliance using NIALM	2014 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2014					10.1109/PEDES.2014.7041965
Prasad, R.S., Semwal, S.	2014	Multi point sensing (MPS): A solution for resolving complexity in NIALM applications for Indian domestic consumers	2014 IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2014					10.1109/PEDES.2014.7042066
Patel, G.K., Gupta, A.K., Gupta, A., Mishra, M., Singh, P.K., Saxena, A.K., Sharma, A.K.	2014	Purification and physicochemical characterization of a trypsin inhibitor from cassia absus linn	Protein and Peptide Letters	21	2	108	114	
Pande, V., Ali, S.M., Kumar, S., Goyal, P.	2014	Automated first aid and medication system for burn victims	Souvenir of the 2014 IEEE International Advance Computing Conference, IACC 2014			623	627	10.1109/IAdCC.2014.6779396
Mehta, S., Vishnoi, A., Gupta, A.	2014	Development of a multi-component CAD model of human elbow structure	2014 International Conference on Medical Imaging, m-Health and Emerging Communication Systems. MedCom 2014			146	151	10.1109/MedCom.2014.7005993
Pant, M., Lal, A., Rani, A.	2014	Hippophae salicifolia d don-a plant with multifarious benefits	International Journal of Pharmacy and Pharmaceutical Sciences	6	11	37	40	
Nagiya, K., Ram, M.	2014	Performance evaluation of a computer workstation under ring topology	Journal of Engineering Science and Technology	9		91	103	

Dobhal, D.C., Dimri, S.C.	2014	Design and implementation of TCP friendly, end-to-end, layered solution for mobile ad hoc networks (MANET)	International Journal of Applied Engineering Research	9	21	10249	10262	
Aggarwal, R., Singh, S., Roul, A.K., Khanna, N.	2014	Cellphone identification using noise estimates from recorded audio	International Conference on Communication and Signal Processing, ICCSP 2014 - Proceedings			1218	1222	10.1109/ICCSP.2014.6950045
Semwal, S., Prasad, R.S., Juneja, P.	2014	Identifying appliances using NIALM with minimum features	International Journal of Electrical and Computer Engineering	4	6	909	922	
Batra, R., Sharma, S., Shrivastav, A., Goyal, P.	2014	Efficiently denoising SMS text for FAQ retrieval	2014 International Conference on Data Mining and Intelligent Computing, ICDMIC 2014					10.1109/ICDMIC.2014.6954237
Choudhary, R., Raina, N., Chaudhary, N., Chauhan, R., Goudar, R.H.	2014	An integrated approach to Content Based Image Retrieval	Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			2404	2410	10.1109/ICACCI.2014.6968394
Agarwal, J., Sharma, N., Kumar, P., Parshav, V., Srivastava, A., Rathore, R., Goudar, R.H.	2014	Semantic search in E-tourism services: Making data compilation easier	Advances in Intelligent Systems and Computing	236		811	820	10.1007/978-81-322-1602-5_86
Jain, R., Rawat, A., Chaudhary, V., Sharma, J., Khanna, N.	2014	Imaging techniques for secure photography using dual camera	2014 Recent Advances in Engineering and Computational Sciences, RAECS 2014					10.1109/RAECS.2014.6799590
Katal, A., Wazid, M., Sachan, R.S., Singh, D.P., Goudar, R.H.	2014	Effective clustering technique for selecting cluster heads and super cluster head in MANET	Proceedings - 2013 International Conference on Machine Intelligence Research and Advancement, ICMIRA 2013			1	6	10.1109/ICMIRA.2013.8
Sharma, V., Mendiratta, G.	2014	Harmonic analysis of CSI-fed induction motor drive	2014 International Conference on Computing for Sustainable Global Development, INDIACom 2014			321	325	10.1109/IndiaCom.2014.6828152
Thapliyal, A., Verma, R., Kumar, N.	2014	Small G proteins dexas1 and RHES and their role in pathophysiological processes	International Journal of Cell Biology					10.1155/2014/308535
Kumar, A., Jaiswal, H., Ahmad, F., Patil, P.P.	2014	Dynamic vibration characteristics analysis of truck transmission gearbox casing with fixed constraint of vehicle frame based on FEA	Procedia Engineering	97		1107	1115	10.1016/j.proeng.2014.12.389
Ram, M., Manglik, M.	2014	Stochastic behaviour analysis of a Markov model under multi-state failures	International Journal of Systems Assurance Engineering and Management	5	4	686	699	10.1007/s13198-014-0234-5

Kumar, A., Jaiswal, H., Patil, P.P.	2014	FEM simulation based computation of natural frequencies and mode shapes of loose transmission gearbox casing	International Review on Modelling and Simulations	7	5	900	905	
Anand, J., Rai, N.	2014	Environmental impacts of green tea (Camellia sinensis) cultivation and its preventive measures: A review	Ecology, Environment and Conservation	20		S15	S23	
Sharma, V., Panwar, C.	2014	Comparative analysis of PV FED DC-DC converters	Proceeding of the IEEE International Conference on Green Computing, Communication and Electrical Engineering, ICGCEE 2014					10.1109/ICGCCEE.2014.6922349
Bijalwan, P., Mittal, R., Choudhary, S., Bajaj, S., Khanna, N.	2014	Stability analysis of classifiers for leaf recognition using shape features	International Conference on Communication and Signal Processing, ICCSP 2014 - Proceedings			657	661	10.1109/ICCSP.2014.6949924
Rawat, S., Singh, S., Gaur, K.	2014	Load frequency control of a hybrid renewable power system with fuel cell system	Proceedings of 6th IEEE Power India International Conference, PIICON 2014					10.1109/34084POWERI.2014.7117634
Kumar, A., Patil, P.P.	2014	Dynamic vibration analysis of heavy vehicle truck transmission gearbox housing using FEA	Journal of Engineering Science and Technology Review	7	4	66	72	
Chandna, R., Ram, M.	2014	Fuzzy reliability modeling in the system failure rates merit context	International Journal of Systems Assurance Engineering and Management	5	3	245	251	10.1007/s13198-013-0152-y
Sinha, P.K., Joshi, P., Pundir, P., Negi, M., Goudar, R.H.	2014	Enhanced single-pass algorithm for efficient indexing using hashing in map reduce paradigm	Advances in Intelligent Systems and Computing	243		1195	1200	10.1007/978-81-322-1665-0_123
Raina, N., Roshi, N., Chauhan, R., Goudar, R.H.	2014	A fused features approach on Content-Based Image Retrieval based on Fuzzy rule-set	Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			2436	2442	10.1109/ICACCI.2014.6968407
Joshi, A., Tewari, K., Pant, B., Goudar, R.H.	2014	Eco-computation: A step towards more friendly green computing	Advances in Intelligent Systems and Computing	236		983	991	10.1007/978-81-322-1602-5_104
Katal, A., Wazid, M., Goudar, R.H.	2014	Efficient protocol prediction algorithm for MANET multimedia transmission under JF periodic dropping attack	Advances in Intelligent Systems and Computing	236		419	428	10.1007/978-81-322-1602-5_45
Raveendhra, D., Ul Zaman, P.R., Govind, K.	2014	FPGA controlled high gain bi-directional DC-DC converter (BDC) for energy storage of solar power	Proceedings of the 2014 IEEE 2nd International Conference on Electrical Energy Systems, ICEES 2014			300	305	10.1109/ICEES.2014.6924185
Gupta, A.	2014	A review on sonic crystal, its applications and numerical analysis techniques	Acoustical Physics	60	2	223	234	10.1134/S1063771014020080

Chauhan, H., Kumar, V., Pundir, S., Pilli, E.S.	2014	Comparative analysis and research issues in classification techniques for intrusion detection	Advances in Intelligent Systems and Computing	243		675	685	10.1007/978-81-322-1665-0_68
Tripathi, R.P., Kumar Uniyal, A.	2014	EOQ model with cash flow oriented and quantity dependent under trade credits	International Journal of Engineering, Transactions A: Basics	27	7	1107	1112	10.5829/idosi.ije.2014.27.07a.12
Manglik, M., Ram, M.	2014	Stochastic modeling of a multi-state manufacturing system under three types of failures with perfect fault coverage	Journal of Engineering Science and Technology	9		77	90	
Raveendhra, D., Kumar, R., Singh, S.	2014	Performance investigation of FPGA controlled central three-level diode clamped inverter in two-stage solar photo voltaic (SPV) system	Proceedings of the 2014 IEEE 2nd International Conference on Electrical Energy Systems, ICEES 2014			206	211	10.1109/ICEES.2014.6924169
Ram, M., Kumar, A.	2014	Performance of a Structure Consisting a 2-Out-of-3:F Substructure Under Human Failure	Arabian Journal for Science and Engineering	39	11	8383	8394	10.1007/s13369-014-1347-5
Chauhaan, P., Juneja, P.K., Chaturvedi, M.	2014	Controller design and its performance analysis for a delayed process model	Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			859	862	10.1109/ICACCI.2014.6968473
Vishnoi, A., Mehta, S., Gupta, A.	2014	Biomedical image processing for human elbow	2014 International Conference on Devices, Circuits and Communications, ICDCCom 2014 - Proceedings					10.1109/ICDCCom.2014.7024699
Semwal, S., Prasad, R.S., Singh, M.	2014	Designing compatible hardware platform for implementation of NIALM	2014 International Conference on Computing for Sustainable Global Development, INDIACom 2014			93	97	10.1109/IndiaCom.2014.6828099
Thapliyal, A., Semwal, P., Kapoor, T., Anthwal, P., Sati, B., Thapliyal, A.	2014	Herbal extract as potential modulator and drug for synaptic plasticity and neurodegenerative disorders	International Journal of Pharmaceutical Sciences Review and Research	25	1	69	79	
Madhwal, E., Mahapatra, R.	2014	Performance analysis of femtocell network in macrocell environment	International Conference on Electronics, Communication and Instrumentation 2014, ICECI 2014					10.1109/ICECI.2014.6767374
Chaturvedi, M., Juneja, P.K., Chauhaan, P.	2014	Effect of implementing different PID algorithms on controllers designed for SOPDT process	Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			853	858	10.1109/ICACCI.2014.6968452

Kumar, A., Jaiswal, H., Patil, P.P.	2014	FEA based study of loose transmission gearbox housing	International Journal of Manufacturing, Materials, and Mechanical Engineering	4	4	26	37	10.4018/ijmmme.2014100102
Kumar, A., Jaiswal, H., Jain, R., Patil, P.P.	2014	Free vibration and material mechanical properties influence based frequency and mode shape analysis of transmission gearbox casing	Procedia Engineering	97		1097	1106	10.1016/j.proeng.2014.12.388
Raveendhra, D., Joshi, P., Verma, R.K.	2014	Performance and control system design for FPGA based CVMPPPT boost converter for remote SPV water pumping system applications	2014 Power and Energy Systems Conference: Towards Sustainable Energy, PESTSE 2014					10.1109/PESTSE.2014.6805305
Pandey, V., Verma, V.K., Khanna, N.	2014	Cell-phone identification from audio recordings using PSD of speech-free regions	2014 IEEE Students' Conference on Electrical, Electronics and Computer Science_SCEECS 2014					10.1109/SCEECS.2014.6804434
Tufchi, N., Pant, K., Pant, B.	2014	Modelling of structure based T-Cell epitopes of bunyaviridae viruses, as a genus of california encephalitis virus [CEV]	Research Journal of Pharmaceutical, Biological and Chemical Sciences	5	5	1369	1372	
Raveendhra, D., Faruqui, S., Saini, P.	2014	Transformer less FPGA Controlled 2-Stage isolated grid connected PV system	2014 Power and Energy Systems Conference: Towards Sustainable Energy, PESTSE 2014					10.1109/PESTSE.2014.6805304
Ranjan, P., Mishra, P., Rawat, J.S., Pilli, E.S., Joshi, R.C.	2014	Improved technique for data confidentiality in cloud environment	Lecture Notes in Electrical Engineering	284	LNEE	183	193	10.1007/978-3-319-03692-2_15
Kandpal, A., Goudar, R.H., Chauhan, R., Garg, S., Joshi, K.	2014	Effective ontology alignment: An approach for resolving the ontology heterogeneity problem for semantic information retrieval	Advances in Intelligent Systems and Computing	243		1077	1087	10.1007/978-81-322-1665-0_110
Jangwan, R., Juneja, P.K., Chaturvedi, M., Sunori, S., Singh, P.	2014	Comparative analysis of controllers designed for pure integral complex delayed process model	Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2014			712	717	10.1109/ICACCI.2014.6968478
Pandey, H., Khan, I., Gupta, A.	2014	Walking based wearable mobile phone charger and lightening system	2014 International Conference on Medical Imaging, m-Health and Emerging Communication Systems_MedCom 2014			407	411	10.1109/MedCom.2014.7006042
Semwal, P., Kapoor, T., Thapliyal, A.	2014	Role of active components of medicinal plants in neurodegenerative disorders and synaptic plasticity	International Journal of ChemTech Research	6	2	982	984	
Gupta, P., Nath, S., Meena, R.C., Kumar, N.	2014	Comparative effects of hypoxia and hypoxia mimetic cobalt chloride on in vitro adhesion, biofilm formation and susceptibility to amphotericin B of Candida glabrata	Journal de Mycologie Medicale	24	4	e169	e177	10.1016/j.mycmed.2014.08.003

Farooqui, M., Dixit, N., Mishra, A., Kumar, V., Kaul, A.N., Gupta, A.K.	2014	Comparative analysis of tunable terahertz generation in DAST and BNA using difference frequency mixing	Journal of Optics (India)	43	2	137	145	10.1007/s12596-014-0184-y
Kotiyal, B., Kumar, A., Pant, B., Goudar, R.H.	2014	A novel concept for mining negative and positive rule through association based k-map	Journal of Engineering Science and Technology	9		68	76	
Tayal, S., Singh, S.R., Sharma, R.	2014	A multi item inventory model for deteriorating items with expiration date and allowable shortages	Indian Journal of Science and Technology	7	4	463	471	
Gupta, S., Pilli, E.S., Mishra, P., Pundir, S., Joshi, R.C.	2014	Forensic analysis of E-mail address spoofing	Proceedings of the 5th International Conference on Confluence 2014: The Next Generation Information Technology Summit			898	904	10.1109/CONFLUENCE.2014.6949302
Bhingole, P.P., Chaudhari, G.P., Nath, S.K.	2014	Processing, microstructure and properties of ultrasonically processed in situ MgO-Al ₂ O ₃ -MgAl ₂ O ₄ dispersed magnesium alloy composites	Composites Part A: Applied Science and Manufacturing	66		209	217	10.1016/j.compositesa.2014.08.001
Kohli, S., Atheya, U.K., Thapliya, A.	2014	Prevalence of theileriosis in cross-bred cattle: Its detection through blood smear examination and polymerase chain reaction in Dehradun district, Uttarakhand, India	Veterinary World	7	3	168	171	10.14202/vetworld.2014.168-171
Tripathi, R.P., Mishra, S.M.	2014	Inventory model with inventory-dependent demand for deteriorating items in a single warehouse system	Uncertain Supply Chain Management	2	4	209	218	10.5267/j.uscm.2014.8.001
Gupta, K.K., Kumar, S., Ahmad, Z.	2014	An approach to analyze the flow characteristics of sharp-crested triangular planform contracted weirs	World Applied Sciences Journal	32	7	1311	1317	10.5829/idosi.wasj.2014.32.07.2026
Kotiyal, B., Kumar, A., Pant, B., Goudar, R.H.	2014	Classification technique for improving user access on web log data	Advances in Intelligent Systems and Computing	243		1089	1097	10.1007/978-81-322-1665-0_111
Bhardwaj, A., Gupta, A., Tse, K.M.	2014	Mechanical response of femur bone to bending load using finite element method	2014 Recent Advances in Engineering and Computational Sciences, RAECS 2014					10.1109/RAECS.2014.6799594
Yousuf, S., Bachheti, R.K., Joshi, A., Mathur, A.	2014	Evaluation of antioxidant potential and phytochemicals of Morina longifolia	International Journal of Pharmacy and Pharmaceutical Sciences	6	6	208	212	
Tripathi, R.P., Mishra, S.M.	2014	Inventory model for deteriorating items with inventory dependent demand rate under trade credits	Journal of Applied Probability and Statistics	9	2	25	39	
Kohli, S., Atheya, U.K., Thapliyal, A.	2014	Assessment of optimum thermal humidity index for crossbred dairy cows in Dehradun district, Uttarakhand, India	Veterinary World	7	11	916	921	10.14202/vetworld.2014.916-921
Singh, K.K., Saini, S., Kumar, S.	2014	Roche-coordinates and metric coefficients for differentially rotating polytropic stars	Journal of Engineering Science and Technology	9		20	31	
Tripathia, R.P., Kumarb, M.	2014	A new model for deteriorating items with inflation under permissible delay in payments	International Journal of Industrial Engineering Computations	5	3	365	374	10.5267/j.ijiec.2014.4.006

Rajoria, Y.K., Saini, S., Singh, S.R.	2014	An inventory model with time dependent demand under inflation and trade credits	Advances in Intelligent Systems and Computing	259		155	165	10.1007/978-81-322-1768-8_14
Thakur, P., Singh, A.K., Singh, S.B.	2014	Shortfalls of existing methods for characterization of voltage sags from recorded waveform	Proceedings of International Conference on Harmonics and Quality of Power, ICHQP			885	889	10.1109/ICHQP.2014.6842798
Dixit, N., Farooqui, M., Mishra, A., Kumar, V., Kumar, A., Gupta, A.K.	2014	Analysis of cherenkov phase matching in DAST for terahertz generation	International Conference on Fibre Optics and Photonics, 2014					
Rathore, D.S., Bordoloi, D., Pilli, E.S., Govil, M.C.	2014	LevelSync: A hierarchical time synchronization mechanism for wireless sensor networks	2014 7th International Conference on Contemporary Computing, IC3 2014			276	282	10.1109/IC3.2014.6897186
Gupta, A., Tse, K.M.	2014	Vibration analysis of femur bone using Elmer	Journal of Engineering Science and Technology	9		12	19	
Mittal, A., Bhatt, P., Kumar, P.	2014	Phonetic matching and syntactic tree similarity based QA system for SMS queries	Proceeding of the IEEE International Conference on Green Computing, Communication and Electrical Engineering, ICGCCEE 2014					10.1109/ICGCEE.2014.6921412
Chauhan, A., Singh, A.P.	2014	Optimal replenishment and ordering policy for time dependent demand and deterioration with discounted cash flow analysis	International Journal of Mathematics in Operational Research	6	4	407	436	10.1504/IJMOR.2014.063155
Sharma, S., Saini, C.K., Sharma, S.	2014	To develop the electroless NiP-ZnO coating on glass substrate by electroless technique	Journal of Materials and Environmental Science	5	5	1667	1670	
Kumar, B., Kaushik, B.K., Negi, Y.S.	2014	Static and dynamic characteristics of dual gate organic TFT based NAND and NOR circuits	Journal of Computational Electronics	13	3	627	638	10.1007/s10825-014-0580-1
Tayal, S., Singh, S.R., Sharma, R., Chauhan, A.	2014	Two echelon supply chain model for deteriorating items with effective investment in preservation technology	International Journal of Mathematics in Operational Research	6	1	84	105	10.1504/IJMOR.2014.057854
Singh, S., Singh, S.K., Chanana, S., Singh, Y.P.	2014	Frequency regulation of an isolated hybrid power system with Battery energy storage system	2014 Power and Energy Systems Conference: Towards Sustainable Energy, PESTSE 2014					10.1109/PESTSE.2014.6805286
Joshi, A., Goudar, R.H.	2014	The Attack Back Mechanism: An Efficient Back-Hacking Technique	Smart Innovation, Systems and Technologies	28	VOLUME 2	233	240	10.1007/978-3-319-07350-7_26
Rajoria, Y.K., Saini, S., Singh, S.R.	2014	Two warehouse inventory model with stock-level dependent demand rate and time varying holding cost under shortages	International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2014					10.1109/ICRAIE.2014.6909105

Kumar, R., Rajak, K.K., Chandra, T., Thapliyal, A., Muthuchelvan, D., Sudhakar, S.B., Sharma, K., Saxena, A., Raut, S.D., Singh, V.K., Ahmad, Z., Kumar, A., Chaudhary, D., Singh, R.K., Pandey, A.P.	2014	Whole-genome sequence of a classical swine fever virus isolated from the Uttarakhand state of India	Genome Announcements	2	3			10.1128/genomeA.00371-14
Kumar, S., Dash, M.K.	2014	The INSTAQUAL scale: An instrument for measuring service quality of management institutions	International Journal of Services, Economics and Management	6	4	377	394	10.1504/IJSEM.2014.068279
Dixit, N., Farooqui, M., Mishra, A., Kumar, V., Kumar, A., Gupta, A.K.	2014	Analysis of Cherenkov phase matching in DAST for terahertz generation	Proceedings 12th International Conference on Fiber Optics and Photonics, Photonics 2014					
Singh, S., Joshi, H., Chanana, S., Verma, R.K.	2014	Impact of superconducting magnetic energy storage on frequency stability of an isolated hybrid power system	2014 International Conference on Computing for Sustainable Global Development, INDIACom 2014			141	145	10.1109/IndiaCom.2014.6828117
Rawal, D.K., Ram, M., Singh, V.V.	2014	Modeling and availability analysis of internet data center with various maintenance policies	International Journal of Engineering, Transactions A: Basics	27	4	599	608	10.5829/idosi.ije.2014.27.04a.10
Awasthi, M.K., Yadav, D., Agrawal, G.S.	2014	Viscous potential flow analysis of electrohydrodynamic Rayleigh-Taylor instability	Journal of Applied Fluid Mechanics	7	2	209	216	
Singh, S.B., Singh, A.K., Thakur, P.	2014	Accurate steady-state performance assessment of three-phase induction motor using NEMA definition	Proceedings of International Conference on Harmonics and Quality of Power, ICHQP			880	884	10.1109/ICHQP.2014.6842803
Singh, S.B., Singh, A.K., Thakur, P.	2014	Accurate performance assessment of im with approximate current unbalance factor for NEMA definition	Proceedings of International Conference on Harmonics and Quality of Power, ICHQP			674	678	10.1109/ICHQP.2014.6842805
Arora, G., Mittal, R.C., Singh, B.K.	2014	Numerical solution of BBM-Burger equation with quartic B-spline collocation method	Journal of Engineering Science and Technology	9		104	116	
Mundepi, U., Kumar, V., Gupta, S., Bisht, G.S., Garg, F.C., Gupta, V.K.	2014	Evaluation of anticandidal potential of some folklore plants	Proceedings of the National Academy of Sciences India Section B - Biological Sciences	84	2	357	363	10.1007/s40011-013-0232-4
Chand, M., Mandoria, H.L., Joshi, R.C.	2014	An efficient algorithm for conflict free address auto configuration in self configurable networks	Research Journal of Applied Sciences, Engineering and Technology	7	18	3763	3770	10.19026/rjaset.7.731
Thapliyal, A., Chandola-Saklani, A., Bhatt, D., Anthwal, P.	2014	Binding pattern of 125Iodine thyroxine and tri-iodothyronine in skin and liver tissues of spotted munia, Lonchura punctulata: Co-relation to seasonal cycles of breeding and molting	Indian Journal of Experimental Biology	52	5	478	488	

Langer, A., Banga, R., Mittal, A., Subramaniam, L.V., Sondhi, P.	2014	A text based drug query system for mobile phones	International Journal of Mobile Communications	12	4	411	429	10.1504/IJMC.2014.063656
Yadav, K., Srivastava, A., Mittal, A., Ansari, M.A.	2014	Texture-based medical image retrieval in compressed domain using compressive sensing	International Journal of Bioinformatics Research and Applications	10	2	129	144	10.1504/IJBRA.2014.059517
Srivastava, V.K., Tamsir, M., Awasthi, M.K., Singh, S.	2014	One-dimensional coupled Burgers' equation and its numerical solution by an implicit logarithmic finite-difference method	AIP Advances	4	3			10.1063/1.4869637
Tayyebi, A.H., Tayyebi, A., Khanna, N.	2014	Assessing uncertainty dimensions in land-use change models: Using swap and multiplicative error models for injecting attribute and positional errors in spatial data	International Journal of Remote Sensing	35	1	149	170	10.1080/01431161.2013.866293
Bachheti, R.K., Yousuf, S., Sharama, R.G., Joshi, A., Mathur, A.	2014	Screening of viola patrinii for antioxidant potential and presence of phytochemicals	International Journal of ChemTech Research	6	4	2316	2322	
Singh, A., Kumar, A., Goudar, R.H.	2014	Online traffic density estimation and vehicle classification management system	Indian Journal of Science and Technology	7	4	508	516	
Chauhan, S., Kutukcu, S., Dhiman, N., Kumar, S.	2014	Variants of R-weakly commuting mappings and common fixed point theorems in intuitionistic fuzzy metric spaces	Kuwait Journal of Science	41	2	49	64	
Mehrotra, K.	2013	A volume flexible inventory model with trapezoidal demand under inflation	Pakistan Journal of Statistics and Operation Research	9	4	427	440	
Singh, P., Goudar, R.H., Rathore, R., Srivastava, A.	2013	Image retrieval using ontology and low level features in medical domain	World Applied Sciences Journal	28	12	1944	1956	10.5829/idosi.wasj.2013.28.12.2306
Kumar, A., Pilli, E.S., Joshi, R.C.	2013	An efficient framework for resource allocation in cloud computing	2013 4th International Conference on Computing, Communications and Networking Technologies, ICCCNT 2013					10.1109/ICCCNT.2013.6726596
Chaturvedi, M., Juneja, P.	2013	Effect of dead time approximation on controller performance designed for a second order delayed model	Proceedings of the 2013 International Conference on Advanced Electronic Systems. ICAES 2013			313	315	10.1109/ICAES.2013.6659417
Chauhan, A., Semwal, S., Chawhan, R.	2013	Artificial neural network-based forest fire detection system using wireless sensor network	2013 Annual IEEE India Conference, INDICON 2013					10.1109/INDCON.2013.6725913
Singh, S., Singh, M., Chanana, S., Raveendhra, D.	2013	Operation and control of a hybrid wind-diesel-battery energy system connected to micro-grid	CARE 2013 - 2013 IEEE International Conference on Control, Automation, Robotics and Embedded Systems. Proceedings					10.1109/CARE.2013.6733758

Agarwal, J., Goudar, R.H., Sharma, N., Kumar, P., Parshav, V., Sharma, R., Rao, S.	2013	Cost effective dynamic packaging systems in E-tourism using semantic web	Proceedings of the 2013 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2013			1196	1200	10.1109/ICACCI.2013.6637347
Contractor, D., Subramaniam, L.V., Deepak, P., Mittal, A.	2013	Text retrieval using SMS queries: Datasets and overview of FIRE 2011 track on SMS-based FAQ retrieval	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	7536 LNCS		86	99	10.1007/978-3-642-40087-2_9
Babu, V., Choudhury, B.	2013	Methods of cell lysis and effect of detergents for the recovery of nitrile metabolizing enzyme from <i>Amycolatopsis</i> sp. IITR215	Journal of Genetic Engineering and Biotechnology	11	2	117	122	10.1016/j.jgeb.2013.05.002
Agarwal, J., Goudar, R.H., Kumar, P., Sharma, N., Parshav, V., Sharma, R., Srivastava, A., Rao, S.	2013	Intelligent plagiarism detection mechanism using semantic technology: A different approach	Proceedings of the 2013 International Conference on Advances in Computing, Communications and Informatics, ICACCI 2013			779	783	10.1109/ICACCI.2013.6637273
Saxena, K., Gupta, A.D., Patel, G.K., Babu, V.	2013	Molecular biology of nitrile metabolizing enzymes	Molecular Biology of Bacteria			31	54	
Tripathi, R.P., Pandey, H.S.	2013	An EOQ model for deteriorating items with weibull time - Dependent demand rate under trade credits	International Journal of Information and Management Sciences	24	4	329	347	
Ghanshala, K.K., Pant, D.	2013	IT-initiatives for empowering difficult geographies: A review	Proceedings of the International Conference on Information Technology Interfaces. ITI			231	236	10.2498/iti.2013.0556
Srivastava, V.K., Awasthi, M.K., Tamsir, M., Singh, S.	2013	An implicit finite-difference solution to one-dimensional coupled burgers' equations	Asian-European Journal of Mathematics	6	4			10.1142/S1793557113500587
He, Y., Xu, C., Khanna, N., Boushey, C.J., Delp, E.J.	2013	Context based food image analysis	2013 IEEE International Conference on Image Processing, ICIP 2013 - Proceedings			2748	2752	10.1109/ICIP.2013.6738566
Singh, V.V., Singh, S.B., Mangey, R., Goel, C.K.	2013	Availability, MTTF and cost analysis of a system having two units in series configuration with controller	International Journal of Systems Assurance Engineering and Management	4	4	341	352	10.1007/s13198-012-0102-0
Prakash, R., Singh, D., Singh, K.P.	2013	Analysis and retrieval of soil parameters with specular scattering data at different incidence angle	International Geoscience and Remote Sensing Symposium (IGARSS)			755	758	10.1109/IGARSS.2013.6721267
Xu, C., He, Y., Khanna, N., Boushey, C.J., Delp, E.J.	2013	Model-based food volume estimation using 3D pose	2013 IEEE International Conference on Image Processing, ICIP 2013 - Proceedings			2534	2538	10.1109/ICIP.2013.6738522

Joshi, A., Singhal, P.K., Bachheti, R.K.	2013	Variation in oil content and physico-chemical properties of Jatropha curcus seed collected from different areas of Garwhal, Uttarakhand India	International Journal of ChemTech Research	5	6	2993	2999	
Tripathi, R.P.	2013	Inventory model with cash flow oriented and time-dependent holding cost under permissible delay in payments	Yugoslav Journal of Operations Research	23	3	419	429	10.2298/YJOR121029004T
Kato, K., Inoue, T., Ietsugu, H., Sasaki, H., Harada, J., Kitagawa, K., Sharma, P.K.	2013	Design and performance of hybrid constructed wetland systems for high-content wastewater treatment in the cold climate of Hokkaido, northern Japan	Water Science and Technology	68	7	1468	1476	10.2166/wst.2013.364
Ram, M., Singh, S.B., Singh, V.V.	2013	Stochastic analysis of a standby system with waiting repair strategy	IEEE Transactions on Systems, Man, and Cybernetics Part A: Systems and Humans	43	3	698	707	10.1109/TSMCA.2012.2217320
Joshi, D., Bhatia, D.	2013	Cross-correlation evaluated muscle co-ordination for speech production	Journal of Medical Engineering and Technology	37	8	520	525	10.3109/03091902.2013.837531
Nagiya, K., Mangey, R.A.M.	2013	Reliability characteristics of a satellite communication system including earth station and terrestrial system	International Journal of Performability Engineering	9	6	667	676	
Katal, A., Wazid, M., Goudar, R.H.	2013	Big data: Issues, challenges, tools and Good practices	2013 6th International Conference on Contemporary Computing, IC3 2013			404	409	10.1109/IC3.2013.6612229
Pistohl, T., Jackson, A., Gowrishankar, G., Joshi, D., Nazarpour, K.	2013	Artificial proprioception for myoelectric control	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS			1595	1598	10.1109/EMBC.2013.6609820
Srivastava, V.K., Awasthi, M.K., Chaurasia, R.K., Tamsir, M.	2013	The telegraph equation and its solution by reduced differential transform method	Modelling and Simulation in Engineering	2013				10.1155/2013/746351
Dhiman, N., Awasthi, M.K., Singh, M.P.	2013	Electrohydrodynamic Kelvin - Helmholtz instability of cylindrical interface through porous media	International Journal of Fluid Mechanics Research	40	5	455	467	10.1615/InterJFluidMechRes.v40.i5.80
Indra, R., Bachheti, R.K., Archana, J.	2013	Chemical composition, mineral and nutritional value of wild bischofia javanica seed	International Food Research Journal	20	4	1747	1751	
Sharma, A., Bachheti, R.K.	2013	A review on Ipomoea Carnea	International Journal of Pharma and Bio Sciences	4	4	P363	P377	
Rai, I., Bachheti, R.K., Joshi, A.	2013	Chemical composition, mineral and nutritional value of Datura Metel seed	International Journal of Pharma and Bio Sciences	4	4	P429	P436	
Goyal, R., Babu, V., Patel, G.K.	2013	Biomethane Production	Biofuels Production			333	356	10.1002/9781118835913.ch12
Babu, V., Thapliyal, A., Patel, G.K.	2013	Biofuels Production	Biofuels Production			1	366	10.1002/9781118835913
Babu, V., Thapliyal, A., Patel, G.K.	2013	Preface	Biofuels Production			xvii	xxii	10.1002/9781118835913

Srivastav, S., Anthwal, P., Chandra, T., Thapliyal, A.	2013	Bio-Hydrogen Production: Current Scenarios and Future Prospects	Biofuels Production			309	332	10.1002/9781118835913.ch11
Kumar, P., Babu, V.	2013	Introduction to Biofuels	Biofuels Production			1	9	10.1002/9781118835913.ch1
Awasthi, M.K., Srivastava, V.K., Tamsir, M.	2013	Viscous potential flow analysis of electroaerodynamic instability of a liquid sheet sprayed with an air stream	Modelling and Simulation in Engineering	2013				10.1155/2013/528723
Wazid, M., Katal, A., Singh Sachan, R., Goudar, R.H., Singh, D.P.	2013	Detection and prevention mechanism for Blackhole attack in Wireless Sensor Network	International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings			576	581	10.1109/iccsp.2013.6577120
Wazid, M., Katal, A., Goudar, R.H.	2013	TBESP algorithm for Wireless Sensor Network under Blackhole attack	International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings			1086	1091	10.1109/iccsp.2013.6577224
Sachan, R.S., Wazid, M., Singh, D.P., Goudar, R.H.	2013	A cluster based intrusion detection and prevention technique for misdirection attack inside WSN	International Conference on Communication and Signal Processing, ICCSP 2013 - Proceedings			795	801	10.1109/iccsp.2013.6577166
Mettripun, N., Khanna, N., Amornraksa, T., Delp, E.J.	2013	Partial sharpness index for classifying digital camera and scanned images	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI CON 2013					10.1109/ECTICon.2013.6559643
Joshi, D.P., Sharma, K., Gill, F.S.	2013	Effect of inversion layer and oxide layer thickness on the performance of PX-Si TFT devices	Indian Journal of Pure and Applied Physics	51	9	638	641	
Gupta, A., Lim, K.-M., Heng, C.C.	2013	Sound propagation in two-dimensional waveguide with circular wavefront	Acoustical Physics	59	5	493	497	10.1134/S1063771013050205
Dabral, M., Joshi, N., Maikhuri, R.K., Joshi, A., Dabral, S.P.	2013	Effect of diet on feeding and casting activities of earthworms (<i>Drawida nepalensis</i>) and response of crop growth	Tropical Ecology	54	3	375	381	
Rani, A., Souche, Y., Goel, R.	2013	Comparative in situ remediation potential of <i>Pseudomonas putida</i> 710A and <i>Comamonas aquatica</i> 710B using plant (<i>Vigna radiata</i> (L.) wilczek) assav	Annals of Microbiology	63	3	923	928	10.1007/s13213-012-0545-1
Prasad, R.S., Semwal, S.	2013	A simplified new procedure for identification of appliances in smart meter applications	SysCon 2013 - 7th Annual IEEE International Systems Conference. Proceedings			339	344	10.1109/SysCon.2013.6549903
Katal, A., Wazid, M., Goudar, R.H., Singh, D.P.	2013	A cluster based detection and prevention mechanism against novel datagram chunk dropping attack in MANET multimedia transmission	2013 IEEE Conference on Information and Communication Technologies, ICT 2013			479	484	10.1109/CICT.2013.6558143
Wazid, M., Katal, A., Goudar, R.H., Rao, S.	2013	Hactivism trends, digital forensic tools and challenges: A survey	2013 IEEE Conference on Information and Communication Technologies, ICT 2013			138	144	10.1109/CICT.2013.6558078

Verma, V.K., Khanna, N.	2013	Indian language identification using k-means clustering and support vector machine (SVM)	2013 Students Conference on Engineering and Systems, SCES 2013					10.1109/SCES.2013.6547533
Chauhan, A., Thakur, P., Raveendhra, D.	2013	Assessment of induction motor performance under supply voltage unbalance: A review	2013 Students Conference on Engineering and Systems, SCES 2013					10.1109/SCES.2013.6547498
Saini, T., Raveendhra, D., Thakur, P.	2013	Stability analysis of FPGA based perturb and observe method MPPT charge controller for solar PV system	2013 Students Conference on Engineering and Systems, SCES 2013					10.1109/SCES.2013.6547545
Gupta, N., Wazid, M., Sharma, S., Singh, D.P., Goudar, R.H.	2013	Coverage life time improvement in wireless sensor networks by novel deployment technique	2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			293	297	10.1109/ICE-CCN.2013.6528511
Raveendhra, D., Prakash, P., Saini, P.	2013	Simulation based analysis of FPGA controlled Cascaded H-Bridge Multilevel inverter fed solar PV system	2013 International Conference on Energy Efficient Technologies for Sustainability, ICEETS 2013			568	572	10.1109/ICEETS.2013.6533447
Koul, A., Bahuguna, A., Singh, A., Pandita, A., Pattanshetti, M.K., Goudar, R.	2013	AWES: Adaptive web exploration system based on similar user behavior and multiperspective thinking	2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			121	125	10.1109/ICE-CCN.2013.6528476
Raveendhra, D., Kumar, B., Mishra, D., Mankotia, M.	2013	Design of FPGA based open circuit voltage MPPT charge controller for solar PV system	Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2013			523	527	10.1109/ICCPCT.2013.6529012
Arora, G., Kumar, N., Gurung, P., Agarwal, P., Goudar, R.H.	2013	Efficient searching, presentation, organization and retrieval of images from personal video/photo collections	2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			315	318	10.1109/ICE-CCN.2013.6528515
Sharma, S., Wazid, M., Gupta, N., Singh, D.P., Goudar, R.H.	2013	Data recovery with energy efficient task allocation in Wireless Sensor Networks	2013 IEEE International Conference on Emerging Trends in Computing, Communication and Nanotechnology, ICE-CCN 2013			298	302	10.1109/ICE-CCN.2013.6528512
Raveendhra, D., Thakur, P., Narasimha Raju, B.L.	2013	Design and small signal analysis of solar PV fed FPGA based closed loop control Bi-Directional DC-DC converter	Proceedings of IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT 2013			283	288	10.1109/ICCPCT.2013.6529011

Semwal, S., Joshi, D., Prasad, R.S., Raveendhra, D.	2013	The practicability of ICA in home appliances load profile separation using current signature: A preliminary study	Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			756	759	10.1109/ICPEC.2013.6527756
Chauhan, A., Rajvanshi, S.	2013	Non-Technical Losses in power system: A review	Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			558	561	10.1109/ICPEC.2013.6527720
Rawat, N., Bhatt, A., Aswal, P.	2013	A review on optimal location of FACTS devices in AC transmission system	Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			104	109	10.1109/ICPEC.2013.6527632
Raveendhra, D., Guruswamy, K.P., Thakur, P.	2013	FPGA based 2-stage power conditioning system for PV power generation	Proceedings of 2013 International Conference on Power, Energy and Control, ICPEC 2013			44	50	10.1109/ICPEC.2013.6527622
Tyagi, N., Abedi, M., Varshney, R.G.	2013	Single machine scheduling in a batch delivery system with fixed delivery dates	International Journal of Engineering and Technology	5	4	3484	3488	
Malik, J., Kalaria, P.C., Kartikeyan, M.V.	2013	Complementary Sierpinski gasket fractal antenna for dual-band WiMAX/WLAN (3.5/5.8 GHz) applications	International Journal of Microwave and Wireless Technologies	5	4	499	505	10.1017/S1759078713000123
Sharma, P.K., Takashi, I., Kato, K., Ietsugu, H., Tomita, K., Nagasawa, T.	2013	Effects of load fluctuations on treatment potential of a hybrid sub-surface flow constructed wetland treating milking parlor waste water	Ecological Engineering	57		216	225	10.1016/j.ecoleng.2013.04.031
Singh, V.V., Ram, M., Rawal, D.K.	2013	Cost analysis of an engineering system involving subsystems in series configuration	IEEE Transactions on Automation Science and Engineering	10	4	1124	1130	10.1109/TASE.2013.2266134
Awasthi, M.K., Tamsir, M.	2013	Viscous corrections for the viscous potential flow analysis of magnetohydrodynamic kelvin-helmholtz instability through porous media	Journal of Porous Media	16	7	663	676	10.1615/JPorMedia.v16.i7.70
Abd Elhamid Abbas, M., Shahnawaz, H.	2013	Tumbling multilevel channel conflicts in mobile ad hoc networks	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			174	180	10.1109/IAdCC.2013.6514216
Goel, R., Srivastava, N., Chandola, H., Rohilla, B., Srivastava, S., Goudar, R.H.	2013	Effective Searching Methodology for finding relevant Paths between nodes using Qualified Bi-Directional BFS algorithm on Graph database	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			696	701	10.1109/IAdCC.2013.6514311
Singh, A., Mahapatra, R.	2013	Energy efficient analysis of heterogeneous wireless network	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			531	535	10.1109/IAdCC.2013.6514282
Mittal, A.K., Bhandari, D.	2013	A novel approach to implement green wave system and detection of stolen vehicles	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			1055	1059	10.1109/IAdCC.2013.6514372

Priya, B., Pilli, E.S., Joshi, R.C.	2013	A survey on energy and power consumption models for Greener Cloud	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			76	82	10.1109/IAdCC.2013.6514198
Kapil, D., Pilli, E.S., Joshi, R.C.	2013	Live virtual machine migration techniques: Survey and research challenges	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			963	969	10.1109/IAdCC.2013.6514357
Goyal, P., Bansal, N., Gupta, N.	2013	Averting man in the browser attack using user-specific personal images	Proceedings of the 2013 3rd IEEE International Advance Computing Conference, IACC 2013			1283	1286	10.1109/IAdCC.2013.6514413
Joshi, A., Tewari, K., Kumar, A., Pant, B.	2013	A multi-language CLIR with classification by rational agents	Proceedings of the 2013 International Conference on Information Systems and Computer Networks, ISCON 2013			94	97	10.1109/ICISCON.2013.6524181
Ansari, M.F., Chatterji, S., Iqbal, A.	2013	Fuzzy logic-based MPPT controllers for three-phase grid-connected inverters	International Journal of Sustainable Energy	32	3	186	195	10.1080/14786451.2011.605948
Awasthi, M.K.	2013	Viscous corrections for the viscous potential flow analysis of rayleigh-taylor instability with heat and mass transfer	Journal of Heat Transfer	135	7			10.1115/1.4023580
Tripathi, R.P., Tomar, S.S.	2013	Optimal order policy for time-dependent deteriorating items in response to temporary price discount linked to order quantity	Applied Mathematical Sciences	7	57-60	2869	2878	
Ram, M.	2013	On system reliability approaches: A brief survey	International Journal of Systems Assurance Engineering and Management	4	2	101	117	10.1007/s13198-013-0165-6
Ram, M., Singh, S.B., Varshney, R.G.	2013	Performance improvement of a parallel redundant system with coverage factor	Journal of Engineering Science and Technology	8	3	345	351	
Gupta, A.D., Bansal, V.K., Babu, V., Maithil, N.	2013	Chemistry, antioxidant and antimicrobial potential of nutmeg (Myristica fragrans Hoult)	Journal of Genetic Engineering and Biotechnology	11	1	25	31	10.1016/j.jgeb.2012.12.001
Tiwari, U., Agarwal, K., Rai, A., Rai, N., Pal, P.	2013	Expression of human erythropoietin gene in hela cells	International Journal of Pharma and Bio Sciences	4	2	B1129	B1137	
Kumar, A., Rai, N., Kumar, N., Gautam, P., Kumar, J.S.	2013	Mechanisms involved in hepatoprotection of different herbal products: A Review	International Journal of Research in Pharmaceutical Sciences	4	2	112	117	
Tripathi, R.P.	2013	Inventory model with different demand rate and different holding cost	International Journal of Industrial Engineering Computations	4	3	437	446	10.5267/j.ijiec.2013.03.001
Pant, M., Lal, A., Bisht, P., Rani, A.	2013	Elaeocarpus sphaericus: A tree with curative powers: An overview	Research Journal of Medicinal Plant	7	1	23	31	10.3923/rjimp.2013.23.31
Kumar, A., Pilli, E.S.	2013	University wide M-learning using cloud environment	Proceedings - 2012 International Symposium on Cloud and Services Computing, ISCOS 2012			118	123	10.1109/ISCOS.2012.26

Mishra, A.K., Matta, P., Pilli, E.S., Joshi, R.C.	2013	Cloud forensics: State-of-the-art and research challenges	Proceedings - 2012 International Symposium on Cloud and Services Computing, ISCOS 2012			164	170	10.1109/ISCOS.2012.32
Gill, F.S., Gupta, H., Purohit, L.P., Pal, P.K., Sharma, K., Dhiman, N., Kumar, R., Mehra, R.M.	2013	Study of photoluminescence behaviour of porous silicon samples prepared at 20mA current density	Journal of Nano- and Electronic Physics	5	1			
Srivastava, V.K., Awasthi, M.K., Tamsir, M.	2013	RDTM solution of Caputo time fractional-order hyperbolic telegraph equation	AIP Advances	3	3			10.1063/1.4799548
Wazid, M., Katal, A., Goudar, R.H., Singh, D.P., Tyagi, A., Sharma, R., Bhakuni, P.	2013	A framework for detection and prevention of novel keylogger spyware attacks	7th International Conference on Intelligent Systems and Control, ISCO 2013			433	438	10.1109/ISCO.2013.6481194
Katal, A., Gupta, P., Wazid, M., Goudar, R.H., Mittal, A., Panwar, S., Joshi, S.	2013	Authentication and authorization: Domain specific Role Based Access Control using Ontology	7th International Conference on Intelligent Systems and Control, ISCO 2013			439	444	10.1109/ISCO.2013.6481195
Sachan, R.S., Wazid, M., Singh, D.P., Katal, A., Goudar, R.H.	2013	Misdirection attack in WSN: Topological analysis and an algorithm for delay and throughput prediction	7th International Conference on Intelligent Systems and Control, ISCO 2013			427	432	10.1109/ISCO.2013.6481193
Sharma, R., Kandpal, A., Bhakuni, P., Chauhan, R., Goudar, R.H., Tyagi, A.	2013	Web page indexing through page ranking for effective semantic search	7th International Conference on Intelligent Systems and Control, ISCO 2013			389	392	10.1109/ISCO.2013.6481186
Saxena, P., Pant, B., Goudar, R.H., Srivastav, S., Garg, V., Pareek, S.	2013	Future predictions in Indian stock market through linguistic-temporal approach	7th International Conference on Intelligent Systems and Control, ISCO 2013			416	420	10.1109/ISCO.2013.6481191
Tewari, K., Joshi, A., Garg, S., Goudar, R.H., Bordoloi, D.	2013	A resilient platform for safe execution of software inside a dynamic environment	7th International Conference on Intelligent Systems and Control, ISCO 2013			476	479	10.1109/ISCO.2013.6481201
Kotiyal, B., Kumar, A., Pant, B., Goudar, R.H., Chauhan, S., Juneja, S.	2013	User behavior analysis in web log through comparative study of Eclat and Apriori	7th International Conference on Intelligent Systems and Control, ISCO 2013			421	426	10.1109/ISCO.2013.6481192
Agarwal, J., Sharma, N., Kumar, P., Parshav, V., Srivastava, A., Goudar, R.H.	2013	Intelligent search in E-Tourism services using Recommendation System: Perfect guide for tourist	7th International Conference on Intelligent Systems and Control, ISCO 2013			410	415	10.1109/ISCO.2013.6481190
Singh, P., Goudar, R.H., Rathore, R., Srivastav, A., Rao, S.	2013	Domain ontology based efficient image retrieval	7th International Conference on Intelligent Systems and Control, ISCO 2013			445	452	10.1109/ISCO.2013.6481196
Nirwal, S., Pant, R., Rai, N.	2013	Analysis of milk quality, adulteration and mastitis in milk samples collected from different regions of Dehradun	International Journal of PharmTech Research	5	2	359	364	

Pant, R., Nirwal, S., Rai, N.	2013	Prevalence of antibiotic resistant bacteria and analysis of microbial quality of raw milk samples collected from different regions of Dehradun	International Journal of PharmTech Research	5	2	804	810	
Singh, B., Jangir, N.K.	2013	An appraisal of the compressive force path concept	Proceedings of Institution of Civil Engineers: Construction Materials	166	2	108	120	10.1680/coma.11.00032
Yousuf, S., Bachheti, R.K., Joshi, A.	2013	Screening of extracts of Valeriana hardwickii for their antibacterial activity	International Journal of PharmTech Research	5	2	679	683	
Shiferaw, D., Jain, A., Mitra, R.	2013	High performance control of Stewart platform manipulator using sliding mode control with synchronization error	Advanced Engineering and Computational Methodologies for Intelligent Mechatronics and Robotics			225	248	10.4018/978-1-4666-3634-7.ch016
Kumar, D., Kaur, D.	2013	Structural and magnetic properties of La ₂ NiMnO ₆ thin films on LaAlO ₃ substrate with varying thickness	Journal of Alloys and Compounds	554		277	283	10.1016/j.jallcom.2012.10.065
Sharma, A., Sharma, S., Sharma, S.	2013	In plant test for corrosion investigations in digester of a paper mill	Journal of Materials and Environmental Science	4	3	420	425	
Gupta, H., Purohit, L.P., Gill, F.S., Kumar, R.	2013	MN rule in a-Si:H alloys	AIP Conference Proceedings	1512		576	577	10.1063/1.4791168
Pant, M., Semwal, P.	2013	Brahma kamal-the spiritually revered, scientifically ignored medicinal plant	Current Science	104	6	685	686	
Godiyal, A.K., Sharma, R., Joshi, D., Bhatia, D.	2013	Feasibility of facial EMG in gender classification during speech production	Journal of Medical Engineering and Technology	37	2	86	90	10.3109/03091902.2012.745908
Patil, P.P., Sharma, S.C.	2013	Performance study of vibration based copper omega type electromechanical mass flow sensor	Sensor Letters	11	2	314	320	10.1166/sl.2013.2716
Kato, K., Inoue, T., Ietsugu, H., Koba, T., Sasaki, H., Miyaji, N., Kitagawa, K., Sharma, P.K., Nagasawa, T.	2013	Performance of six multi-stage hybrid wetland systems for treating high-content wastewater in the cold climate of Hokkaido, Japan	Ecological Engineering	51		256	263	10.1016/j.ecoleng.2012.12.002
Mittal, P., Negi, Y.S., Singh, R.K.	2013	Analytical modeling and parameter extraction of organic thin film transistor: Effect of contact resistance, doping concentration and field dependent mobility	Advanced Materials Research	622		585	589	10.4028/www.scientific.net/AMR.622-623.585
Goyal, P., Gupta, M., Staelin, C., Fischer, M., Shacham, O., Allebach, J.P.	2013	Clustered-dot halftoning with direct binary search	IEEE Transactions on Image Processing	22	2	483	487	10.1109/TIP.2012.2218821
Nautiyal, S., Thakur, P., Chauhan, A., Govind, K.	2013	Estimating torque-speed characteristic of three-phase induction motor operating under unbalance supply	2013 Nirma University International Conference on Engineering, NUICONE 2013					10.1109/NUICONE.2013.6780144
Dwivedi, S., Gairola, R., Lavania, P., Mittal, L., Goudar, R.H.	2013	Advanced advertising technique in Indian public transport system: A better way to disseminate information using electronic display	2013 International Conference on Human Computer Interactions, ICHCI 2013					10.1109/ICHCI-IEEE.2013.6887805

Agrawal, J., Sharma, N., Kumar, P., Parshav, V., Goudar, R.H.	2013	Ranking of searched documents using semantic technology	Procedia Engineering	64		1	7	10.1016/j.proeng.2013.09.070
Dwivedi, S., Parshav, V., Sharma, N., Kumar, P., Chhabra, S., Goudar, R.H.	2013	Using technology to make farming easier and better: Simplified E-Farming Support (SEFS)	2013 International Conference on Human Computer Interactions, ICHCI 2013					10.1109/ICHCI-IEEE.2013.6887806
Kumar, T.U., Lata, N., Chandra, D.S., Ashish, P.	2013	Component based software development in distributed systems	Communications in Computer and Information Science	296 CCIS		56	61	10.1007/978-3-642-35864-7_8
Garg, S., Garg, A., Kandpal, A., Joshi, K., Chauhan, R., Goudar, R.H.	2013	Ontology and specification-based intrusion detection and prevention system	IET Conference Publications	2013	647 CP	154	159	10.1049/cp.2013.2310
Banerjee, A., Goudar, R.H.	2013	Low cost pointing device for handwriting task and other hand controlled natural events	Procedia Engineering	64		8	15	10.1016/j.proeng.2013.09.071
Wazid, M., Sharma, R., Katal, A., Goudar, R.H., Bhakuni, P., Tyagi, A.	2013	Implementation and Embellishment of Prevention of Keylogger Spyware Attacks	Communications in Computer and Information Science	377 CCIS		262	271	10.1007/978-3-642-40576-1_26
Singh, D.P., Goudar, R.H., Wazid, M.	2013	Hiding the sink location from the passive attack in WSN	Procedia Engineering	64		16	25	10.1016/j.proeng.2013.09.072
Tripathi, R.P.	2013	EOQ model with stock level dependent demand rate and inflation under trade credits	International Journal of Management Science and Engineering Management	8	2	102	108	10.1080/17509653.2013.798953
Chauhan, H., Kumar, V., Pundir, S., Pilli, E.S.	2013	A comparative study of classification techniques for intrusion detection	Proceedings - 2013 International Symposium on Computational and Business Intelligence, ISCB 2013			40	43	10.1109/ISCB.2013.16
Singh, S.	2013	Performance comparison of on-demand routing protocols for varying traffic	Communications in Computer and Information Science	296 CCIS		530	536	10.1007/978-3-642-35864-7_82
Tyagi, P., Kapil, D., Joshi, R.C., Pilli, E.S.	2013	Virtual machine portability - A novel approach	Proceedings - 2013 International Conference on Cloud Computing and Big Data, CLOUDCOM-ASIA 2013			240	245	10.1109/CLOUDCOM-ASIA.2013.108
Rodd, S.F., Kulkarni, U.P.	2013	Adaptive self-tuning techniques for performance tuning of database systems: A Fuzzy-based approach	Proceedings - 2nd International Conference on Advanced Computing, Networking and Security, ADCONS 2013			124	129	10.1109/ADCONS.2013.49
Awasthi, M.K., Asthana, R.	2013	Viscous potential flow analysis of capillary instability with heat and mass transfer through porous media	International Communications in Heat and Mass Transfer	40	1	7	11	10.1016/j.icheatmasstransfer.2012.10.026
Yadav, K., Srivastava, A., Mittal, A., Ansari, M.A.	2013	GPU parallel implementation of B-spline non-rigid grid registration using free-form deformations	International Journal of Biomedical Engineering and Technology	11	2	124	135	10.1504/IJBET.2013.055032

Rai, I., Bachheti, R.K., Joshi, A., Pandey, D.P.	2013	Physicochemical properties and elemental analysis of some non cultivated seed oils collected from Garhwal region, Uttarakhand (India)	International Journal of ChemTech Research	5	1	232	236	
Goswami, P., Mahapatra, R., Divyasukananda, S.	2013	Bridging the digital gap in rural India VIVEKDISHA: A novel experience	2013 National Conference on Communications, NCC 2013					10.1109/NCC.2013.6488049
Xu, C., He, Y., Parra, A., Delp, E., Khanna, N., Boushey, C.	2013	Image-based food volume estimation	CEA 2013 - Proceedings of the 5th International Workshop on Multimedia for Cooking and Eating Activities			75	80	10.1145/2506023.2506037
Mittal, T., Barthwal, A., Koolagudi, S.G.	2013	Age approximation from speech using Gaussian mixture models	Proceedings - 2nd International Conference on Advanced Computing, Networking and Security, ADCONS 2013			74	78	10.1109/ADCONS.2013.43
Bag, A., Upadhyay, S., Jeena, L.M., Pundir, P., Jyala, N.S.	2013	GSTT1 null genotype distribution in the kumaun region of Northern India	Asian Pacific Journal of Cancer Prevention	14	1	87	89	10.7314/APJCP.2013.14.1.87