

Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Cited by	DOI	Link	Document Type
Jena, M.C.; Mishra, S.K.; Moharana, H.S.	Experimental Investigation on Energy Saving Potential in AHU of an Air-Conditioning System with BLDC Fan	2020	Journal of The Institution of Engineers (India): Series C	101	6		1083	1091	2	10.1007/s40032-020-00602-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088378433&doi=10.1007%2Fs40032-020-00602-6&partnerID=40&md5=8668bd98d908ace1e7243a2660de4632	Review
Mohapatra, A.K.; Panigrahi, N.; Das, A.K.	Augmentation of energy, exergy and emission performance of gas turbine engines used for ship propulsion	2020	SAE Technical Papers		2020				0	10.4271/2020-01-2028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092729551&doi=10.4271%2F2020-01-2028&partnerID=40&md5=9304c44442f37fac6f3b0bc6129c5664	Conference paper
Das, A.K.; Hansdah, D.; Mohapatra, A.K.; Panda, A.K.	Energy, exergy and emission analysis on a DI single cylinder diesel engine using pyrolytic waste plastic oil diesel blend	2020	Journal of the Energy Institute	93	4		1624	1633	153	10.1016/j.joei.2020.01.024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079003218&doi=10.1016%2Fj.joei.2020.01.024&partnerID=40&md5=f81ace238d0fdc0ec4d2d573f3dbed4e	Article
Gopagani, P.K.; S K, M.R.	Distributed elephant herding optimization for grid-based privacy association rule mining	2020	Data Technologies and Applications	54	3		365	382	6	10.1108/DTA-07-2019-0104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084842559&doi=10.1108%2FDTA-07-2019-0104&partnerID=40&md5=c62deecd5f3ab2705abed8b45a6ff9ce	Article
Jena, M.C.; Mishra, S.K.; Moharana, H.S.	Air Pollution from Cement Plants: Case Study on Particulate Matter in Bihar, India	2020	Environmental Claims Journal	32	3		221	232	7	10.1080/10406026.2020.1714200	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078405300&doi=10.1080%2F10406026.2020.1714200&partnerID=40&md5=9b96360e00acc3183e1a8dc9d14285fc	Article
Sahu, B.; Panigrahi, A.; Pani, S.; Swagatika, S.; Singh, D.; Kumar, S.	A Crow Particle Swarm Optimization Algorithm with Deep Neural Network (CPSO-DNN) for High Dimensional Data Analysis	2020				9182181	357	362	8	10.1109/ICSP48568.2020.9182181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091330403&doi=10.1109%2FICSP48568.2020.9182181&partnerID=40&md5=e076d99f5f82876afbd47d9845eca314	Conference paper
Nayak, S.; Panda, S.K.; Uttarkabat, S.	A Non-contact Framework based on Thermal and Visual Imaging for Classification of Affective States during HCI	2020				9142883	653	660	6	10.1109/ICOEI48184.2020.9142883	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089981549&doi=10.1109%2FICOEI48184.2020.9142883&partnerID=40&md5=c5c6484ca9933d4e0b677b8f9e933cfd	Conference paper
Tripathy, A.; Chaubey, A.K.; Sarangi, S.K.	A Case Study on Al/Al ₂ O ₃ Ultrafine Composites Fabricated Using PM Route	2020	Learning and Analytics in Intelligent Systems	5			260	269	1	10.1007/978-3-030-30271-9_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179870401&doi=10.1007%2F978-3-030-30271-9_24&partnerID=40&md5=b1563d8e9765f0920248c6a5c2ee36c9	Conference paper
Nayak, A.	Passive Cooling of a Building to Curb Its Cooling Load	2020	Learning and Analytics in Intelligent Systems	5			291	304	0	10.1007/978-3-030-30271-9_27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179867077&doi=10.1007%2F978-3-030-30271-9_27&partnerID=40&md5=43b2934a16e8df56ff017ee4803bbc9d	Conference paper

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Loganathan, M.; Krishna Mohan Rao, S.; Panigrahi, N.; Mishra, D.	Aerial Surveyor Robot for Nanosat Imaging Payload Design	2020	Learning and Analytics in Intelligent Systems	5			234	249	0	10.1007/978-3-030-30271-9_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179863308&doi=10.1007%2F978-3-030-30271-9_22&partnerID=40&md5=9dde64b6cf423e889227681d20dcde83	Conference paper
Panigrahi, N.; Dash, K.K.	Kinematic Model Design of a 6 DOF Industrial Robot	2020	Learning and Analytics in Intelligent Systems	5			203	212	0	10.1007/978-3-030-30271-9_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179862378&doi=10.1007%2F978-3-030-30271-9_19&partnerID=40&md5=127d9665422dd64a8ed759b99ee4210d	Conference paper
Mishra, P.; Biswas, S.; Dash, S.	Deep Learning Based Biomedical Named Entity Recognition Systems	2020	Studies in Big Data	68			23	40	7	10.1007/978-3-030-33966-1_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132896743&doi=10.1007%2F978-3-030-33966-1_2&partnerID=40&md5=80de33eac0b035fab632fbdca3e9e06e	Book chapter
Swain, K.; Mahanthesh, M.; Mebarek-Oudina, F.	Heat transport and stagnation-point flow of magnetized nanofluid with variable thermal conductivity, Brownian motion, and thermophoresis aspects	2020	Heat Transfer	50	1	HTJ21902			78	10.1002/htj.21902	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096177594&doi=10.1002%2Fhtj.21902&partnerID=40&md5=22e518b269761fa9e2f5e06881449e7f	Article
Panigrahi, L.; Panda, J.; Swain, K.; Dash, G.C.	Heat and mass transfer of MHD Casson nanofluid flow through a porous medium past a stretching sheet with Newtonian heating and chemical reaction	2020	Karbala International Journal of Modern Science	6	3		322	331	38	10.33640/2405-609X.1740	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85095721799&doi=10.33640%2F2405-609X.1740&partnerID=40&md5=9b87982d77b1aad775d24392e7334b4	Article
Kuanr, M.; Mohanty, S.N.	Location-based personalised recommendation systems for the tourists in India	2020	International Journal of Business Intelligence and Data Mining	17	3		377	392	9	10.1504/IJBIDM.2020.109294	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093662665&doi=10.1504%2FIJBIDM.2020.109294&partnerID=40&md5=2d19f44c9c6dd4aaf74689c93ca2422f	Article
Gupta, R.; Tripathy, A.; Chaubey, A.K.	Development of CNT Reinforced Al Matrix FGM for Advanced Applications in Lightweight and High Strength Components	2020	Learning and Analytics in Intelligent Systems	5			350	356	7	10.1007/978-3-030-30271-9_32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092793920&doi=10.1007%2F978-3-030-30271-9_32&partnerID=40&md5=e65d264f1f1abca6065f021adc27576	Conference paper
Tripathy, A.; Sarangi, S.K.; Chaubey, A.K.; Mohanty, U.K.	Fabrication of Al/Al ₂ O ₃ Functionally Graded Material Using Powder Metallurgy Route	2020	Learning and Analytics in Intelligent Systems	5			377	387	4	10.1007/978-3-030-30271-9_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092773139&doi=10.1007%2F978-3-030-30271-9_35&partnerID=40&md5=8cce9f225a8ae53e8212e804cd15ed62	Conference paper

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Acharya, S.; Dash, K.K.; Chaini, R.	Fuzzy Logic: An Advanced Approach to Traffic Control	2020	Learning and Analytics in Intelligent Systems	5			176	186	6	10.1007/978-3-030-30271-9_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091954278&doi=10.1007%2F978-3-030-30271-9_17&partnerID=40&md5=35a8379d5254374091c72b6516dce19d	Conference paper
Senapati, M.; Swain, K.; Parida, S.K.	Numerical analysis of three-dimensional MHD flow of Casson nanofluid past an exponentially stretching sheet	2020	Karbala International Journal of Modern Science	6	1		93	102	39	10.33640/2405-609X.1462	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084848828&doi=10.33640%2F2405-609X.1462&partnerID=40&md5=ab0970dd2b100cbb719c931008b5dc4b	Article
Swain, K.P.; Behera, S.; Palai, G.	Realization of Monochromatic Filter in Visible Range: An Application to Optical Embedded System	2020	Lecture Notes on Data Engineering and Communications Technologies	37			503	508	0	10.1007/978-981-15-0978-0_50	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083420483&doi=10.1007%2F978-981-15-0978-0_50&partnerID=40&md5=bb6ed8656fecb94378ebb6c509e6c171	Book chapter
Das, A.K.; Panda, A.K.	Effective utilisation of kitchen waste to biogas by anaerobic co-digestion	2020	Lecture Notes in Civil Engineering	57			1	10	6	10.1007/978-981-15-0990-2_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078270379&doi=10.1007%2F978-981-15-0990-2_1&partnerID=40&md5=5fb7a863a3962369b2961d07276f2f0e	Book chapter
Rout, C.; Panigrahi, A.; Chandrakanta Badajena, J.C.; Pradhan, C.; Das, H.	An Approximation Solution to the NP-complete Joint Problem in Multi-radio WMN	2020	Smart Innovation, Systems and Technologies	159			385	396	2	10.1007/978-981-13-9282-5_36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075754054&doi=10.1007%2F978-981-13-9282-5_36&partnerID=40&md5=e671a831deb5e892123133cd3a8b7981	Conference paper
Jena, M.C.; Mishra, S.K.; Moharana, H.S.	Application of Industry 4.0 to enhance sustainable manufacturing	2020	Environmental Progress and Sustainable Energy	39	1	13360			99	10.1002/ep.13360	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074808774&doi=10.1002%2Fep.13360&partnerID=40&md5=e5cb4572d585508de6d5fda54f75e46	Article
Jena, M.C.; Mishra, S.K.; Moharana, H.S.	Experimental investigation on power consumption of an industrial fan with different flow control methods	2020	Environmental Progress and Sustainable Energy	39	1	13237			3	10.1002/ep.13237	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064596314&doi=10.1002%2Fep.13237&partnerID=40&md5=d9f0f1d2d5e2bf8f7c4328c451e9c3a	Article