

Authors	Title	Year	Source title	Volume	Issue	Art. No.	Page start	Page end	Cited by	DOI	Link	Document Type
Ravindra, V.; Mohapatra, P.K.; Panda, R.N.; Rout, S.K.; Samantaray, R.	Advanced Nonlinear Channel Equalization Using LSTM-SVM: A Machine Learning Approach	2025	Wireless Personal Communications	145	03-Apr		793	818	0	10.1007/s11277-025-11875-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105023578243&doi=10.1007%2Fs11277-025-11875-4&partnerID=40&md5=ebd59e7dfe08fdcc5f4e081ee783d8bd	Article
Mahapatra, P.; Parida, T.K.; Swain, K.	Study the influence of thermophoretic effect buoyancy force in prandtl fluid flow on a stretching sheet in presence of joule heating and viscous dissipation	2025	Journal of Thermal Engineering	11	6		1647	1657	0	10.14744/thermal.0001031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105023313922&doi=10.14744%2Fthermal.0001031&partnerID=40&md5=981ccc8169df0e32e5c434d92181ce53	Article
Das, A.K.; Acharya, A.K.; Parida, B.; Panda, A.K.; Yao, Z.; Kumar, S.	Sustainable combustion and pollution cost analysis of diesel engine fueled with waste plastics pyrolysis oil and advanced additives: An experimental investigation on emission reduction potential	2025	Thermal Science and Engineering Progress	67		104136			0	10.1016/j.tsep.2025.104136	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105016881848&doi=10.1016%2Fj.tsep.2025.104136&partnerID=40&md5=2d6924573fb8159f9bc901fe8fbf0ed8	Article
Karmakar, S.; Sahoo, S.; Mohanty, H.S.; Boddhula, R.; Reddy, G.N.; Mohapatra, S.R.; Mahato, K.K.; Anirban, S.; Nayak, P.; Ranjith	Unraveling electrical transport and dielectric relaxation in P2-Type NaMg0.25Mn0.75O2: A promising layered oxide for high-temperature electronics	2025	Ceramics International	51	21		32958	32966	0	10.1016/j.ceramint.2025.05.030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004809827&doi=10.1016%2Fj.ceramint.2025.05.030&partnerID=40&md5=8e097dda eaecc7e8d466afa613c988a7	Article
Maharana, S.; Maharana, S.K.; Vijayakumar, R.	Neural Network based Strength Assessment of Epoxy-Graphene Oxide Composites for Unmanned Aerial Vehicle Applications	2025	International Journal of Vehicle Structures and Systems	17	2		189	192	0	10.4273/ijvss.17.2.02	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012023631&doi=10.4273%2Fijvss.17.2.02&partnerID=40&md5=b27e8259c6d6d2ae232ba2a2a4ec2d72	Article
Mohan, I.; Das, A.K.; Prakash, R.; Kumar, S.	Prediction modeling using artificial neural network (ANN) for the performance and emission characteristics of catalytic co-pyrolytic fuel blended with diesel in a CI engine	2025	Environmental Science and Pollution Research	32	32		19420	19433	13	10.1007/s11356-023-30209-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173665979&doi=10.1007%2Fs11356-023-30209-0&partnerID=40&md5=15599913d5e451fa1113542d0e1f60e2	Article
Jena, M.C.; Mishra, S.K.; Moharana, H.S.	Environmental impact assessment of cement plants and estimation of pollutant load on environment in India	2025	International Journal of System Assurance Engineering and Management	16	7		2343	2354	0	10.1007/s13198-025-02802-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105011348011&doi=10.1007%2Fs13198-025-02802-8&partnerID=40&md5=c13d166756c6b9d6e291b0381c368368	Article
Sasmita, H.; Manoranjan, M.; Prasad, T.U.	Removal of Sulphate from contaminated water bodies of River Rushikulya using Natural adsorbent	2025	Research Journal of Chemistry and Environment	29	6		75	83	0	10.25303/296rjce075083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004262397&doi=10.25303%2F296rjce075083&partnerID=40&md5=533cbc798ffb054656cdc3c6e3977826	Article
Kumar, V.P.; Pattanaik, S.R.; Kumar, V.V.S.	An automated brain tumor segmentation and classification using adaptive Bayesian fuzzy clustering	2025	Applied Soft Computing	175		113061			1	10.1016/j.asoc.2025.113061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002374930&doi=10.1016%2Fj.asoc.2025.113061&partnerID=40&md5=23990a191144d395a8a3e2b5145cb00c	Article

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Kanchi, S.P.; Sundari, S.; Rao, C.V.S.P.; Raju, S.	Application of Response Surface Methodology and Machine Learning Approaches to Predict Porosity and Compression Strength of Selective Laser-Sintered Polyamide-12 Scaffold Parts	2025	Journal of Materials Engineering and Performance	34	7		6274	6283	2	10.1007/s11665-024-09588-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194529206&doi=10.1007%2Fs11665-024-09588-z&partnerID=40&md5=87128b960c09813ab0b53c70b343a814	Article
Das, S.K.; Pattanaik, S.R.; Mohapatra, P.K.; Rout, S.K.; Almazyad, A.S.; Jasser, M.B.; Xiong, G.; Mohamed, A.W.	Equalizer Design: HBOA-DE-trained radial basis function neural networks	2025	Egyptian Informatics Journal	29		100617			1	10.1016/j.eij.2025.100617	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85216020352&doi=10.1016%2Fj.eij.2025.100617&partnerID=40&md5=dba5890ae9fd7b41c1fd1611854ced1e	Article
Kumar, V.P.; Pattanaik, S.R.; Kumar, V.V.S.	A Heuristic Strategy Assisted Deep Learning Models for Brain Tumor Classification and Abnormality Segmentation	2025	Computational Intelligence	41	1	e70018			2	10.1111/coin.70018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215263113&doi=10.1111%2Fcoin.70018&partnerID=40&md5=ac54aae00e96c12a9b94f4d8bd696abf	Article
Pattanaik, P.P.; Pradhan, S.; Bej, A.; Pradhan, G.	Solid waste derived heterogeneous catalysts for synthesis of sustainable glycerol carbonate from glycerol	2025	Biomass and Bioenergy	193					7	10.1016/j.biombioe.2025.107598	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214578221&doi=10.1016%2Fj.biombioe.2025.107598&partnerID=40&md5=8e1568fd222096aa7d2b548e173451e5	Review
Thumma, T.; Ahammad, N.A.; Swain, K.; Animasuan, I.L.; Mishra, S.R.	Increasing effects of Coriolis force on the cupric oxide and silver nanoparticles based nanofluid flow when thermal radiation and heat source/sink are significant	2025	Waves in Random and Complex Media	35	1		1333	1350	14	10.1080/17455030.2022.2032471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000387727&doi=10.1080%2F17455030.2022.2032471&partnerID=40&md5=ba34566acef08d68d357b0815381b7b1	Article
Venugopal, M.M.; Hiremath, M.K.; Srikanth, H.V.; Maharana, S.K.	Experimental Prediction of Air Pollutant Dispersion in a Simplified Built Environment	2025	Lecture Notes in Civil Engineering	416 LNCE			139	144	0	10.1007/978-981-97-7846-1_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211822863&doi=10.1007%2F978-981-97-7846-1_14&partnerID=40&md5=f7fa95c696872e5fd9db69d050823200	Conference paper
Das, A.K.; Biswal, R.; Rout, S.K.; Mangaraj, A.; Baral, A.	Machine Learning Based Prediction of Liquid Fuel Production by Co-pyrolysis of Medical Waste Plastics and Delonix Regia	2025	Lecture Notes in Civil Engineering	416 LNCE			265	273	0	10.1007/978-981-97-7846-1_26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211785036&doi=10.1007%2F978-981-97-7846-1_26&partnerID=40&md5=a8420591af11d3276bd64aab9f3437ea	Conference paper
Das, A.K.; Das, P.P.; Samal, P.; Dash, S.K.; Samantaray, R.K.	Optimization of Biogas Production Through Anaerobic Co-digestion of Food Wastes and Chicken Manure: A Kinetic Study and Economic Feasibility	2025	Lecture Notes in Civil Engineering	416 LNCE			255	263	0	10.1007/978-981-97-7846-1_25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211779340&doi=10.1007%2F978-981-97-7846-1_25&partnerID=40&md5=f04a9eb66d7d62f6bae1b9e5421edbd5	Conference paper
Sahu, S.; Acharya, D.; Das, A.K.; Nayak, P.S.	An efficient sigmoidal class topper optimization-based PID controller for human knee exoskeleton system	2025	International Journal of Dynamics and Control	13	1		1	12	0	10.1007/s40435-024-01521-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85209800747&doi=10.1007%2Fs40435-024-01521-5&partnerID=40&md5=48b2f408716aeed37427a0cd5ee9ddfb	Article

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Thumma, T.; Mishra, S.R.; Swain, K.; Khan, M.; Khan, N.M.	Effect of dissipation energy on magnetohydrodynamic 3D stagnation point flow of micropolar nanofluid past a sinusoidal circular cylinder	2025	Waves in Random and Complex Media	35	5		8999	9024	12	10.1080/17455030.2022.2102271	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134802746&doi=10.1080%2F17455030.2022.2102271&partnerID=40&md5=1220d780c5870b5516925ee92da148f1	Article
Kumar, K.S.; Rout, S.K.; Panda, S.K.; Mohapatra, P.K.	Optimizing Node Localization in Wireless Sensor Networks Using Hybrid Red Fox Optimization-Genetic Algorithm	2025							0	10.1109/ICAIET65052.2025.11210969	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105024937558&doi=10.1109%2FICAIET65052.2025.11210969&partnerID=40&md5=85ce220960b5b886ce77a8e2cf55e92d	Conference paper
Parida, P.; Swain, K.; Islahi, H.	Analysis of buoyancy force, Brownian motion and thermophoretic effect in assisting and opposing flow of Prandtl fluid in presence of Joule heating and viscous dissipation	2025					37	58	0	10.1201/9781003642169-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105024616409&doi=10.1201%2F9781003642169-3&partnerID=40&md5=73121c02c7af6dc4134e0b8181a0993a	Book chapter
Padhy, S.; Das, A.K.; Panda, A.K.; Gouda, N.	Utilizing co-pyrolysis oil from waste polypropylene and Calophyllum inophyllum seed in diesel engines: combustion, engine performance, and emission analysis	2025	Environmental Science and Pollution Research						0	10.1007/s11356-025-37255-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105024090848&doi=10.1007%2Fs11356-025-37255-w&partnerID=40&md5=663c78e393d7165edbc2577618d9f05a	Article
Nayak, P.; Chandana Mohapatra, S.S.; Polai, B.; Karmakar, S.	Hydrothermally synthesized snow-flake-like MnCo2O4 supercapacitor material: Structural, electrical and magnetic study	2025	Ceramics International						0	10.1016/j.ceramint.2025.11.119	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105023874817&doi=10.1016%2Fj.ceramint.2025.11.119&partnerID=40&md5=341d497467803f2738ad1036b6cb333	Article
Das, A.K.; Mohapatra, H.; Mishra, S.R.; Sahoo, S.S.	Exploring the synergistic potential of a hybrid PV-biogas power generation system for smart city electrification by sustainable thermo-exergetic and environmental analysis using a forest machine learning approach	2025	Environmental Science and Pollution Research						0	10.1007/s11356-025-37237-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105023049801&doi=10.1007%2Fs11356-025-37237-y&partnerID=40&md5=af6eb97fc0e5a140d2bf24c596ac79e1	Article
Palai, C.; Pattanaik, S.R.; Panigrahi, T.; Jena, P.K.	Face Image Retrieval Using GLCM and Texture Feature Fusion	2025	Lecture Notes in Networks and Systems	1329			191	201	0	10.1007/978-981-96-4741-5_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105017375859&doi=10.1007%2F978-981-96-4741-5_17&partnerID=40&md5=154943e8d905af645bb268e456f684f	Conference paper
Pattnaik, S.; Kaushik, J.; Nayak, M.M.	An adaptive pandemic inventory model for time-constrained goods with income and price-sensitive demand with neutrosophic uncertainty	2025	International Journal of Advanced Operations Management	16	3		286	308	0	10.1504/IJAOM.2025.148399	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105015164796&doi=10.1504%2FIJAOM.2025.148399&partnerID=40&md5=5e508d6ab88add4597553057e757e4b4	Article
Sharma, S.; Rathore, A.S.; Moud, R.; Jaroli, P.; Dash, P.	Artificial Intelligence Driven Photonics Based Real-Time Monitoring System for Tumor Diagnosis	2025	IET Conference Proceedings	2025	7		358	365	0	10.1049/icp.2025.1318	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012034661&doi=10.1049%2Ficp.2025.1318&partnerID=40&md5=1311904f54b758aa07109688341d40ca	Conference paper

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Acharya, B.; Parida, P.; Panda, R.N.; Mohapatra, P.K.	Subspace-Based Adaptive Approach for Blind Channel Estimation and Equalization	2025	Lecture Notes in Networks and Systems	1247 LNNS			68	77	0	10.1007/978-3-031-81086-2_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005392870&doi=10.1007%2F978-3-031-81086-2_8&partnerID=40&md5=b6ea0d35473898374dd26e5c05f898a4	Conference paper
Garg, A.; Niazi, K.R.; Sahoo, S.S.; Tiwari, S.; Karimi, H.	A Comprehensive Study on Market and Energy Trading Mechanism in MV-EHs	2025							0	10.1109/ICREDG66184.2025.10966141	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004736275&doi=10.1109%2FICREDG66184.2025.10966141&partnerID=40&md5=b80985c88d2d26e30d6458ea53735b20	Conference paper
Mohanty, R.; Satya, V.S.; Chatterjee, D.; Sahoo, S.S.; Bal, S.K.	Multi Winding Isolated Converter with Cascaded MLI for Solar Electric Vehicle	2025							0	10.1109/SDEE64538.2025.10967625	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004665413&doi=10.1109%2FSSDEE64538.2025.10967625&partnerID=40&md5=2f504fb9eec5a8567dcefe2e8d6b90d8	Conference paper
Sahoo, S.S.; Chatterjee, K.; Sethi, B.K.	An Adaptive Non Superconducting Fault Current Limiter for Low Voltage Ride-Through for Protection of DFIG Wind Generator	2025							0	10.1109/SDEE64538.2025.10967940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004651510&doi=10.1109%2FSSDEE64538.2025.10967940&partnerID=40&md5=66a0d81bc09b7d6540bf6a995b17178	Conference paper
Palai, C.; Jena, P.K.; Khuntia, B.; Pattanaik, S.R.	Covid-19 detection from X-ray image using Deep learning and SVM	2025							0	10.1109/ICAHC64101.2025.10957334	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004271465&doi=10.1109%2FICAHC64101.2025.10957334&partnerID=40&md5=6168664e4ec7c5a376ba76fed1eb5993	Conference paper
Rashmiranjan, R.; Yang, P.-C.; Mallick, P.; Mohanty, D.; Satpathy, S.K.	Investigation of Structural, Dielectric, and Transport Properties of Poly (Methyl Methacrylate) Composite Films Incorporating Sr0.5(TM)0.5TiO3 (TM = Zn, Co)	2025	Arabian Journal for Science and Engineering			109767			1	10.1007/s13369-025-10141-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003100213&doi=10.1007%2Fs13369-025-10141-w&partnerID=40&md5=182fe8f63378028ebdc373106f8b1cfb	Article
Behera, A.; Panda, M.; Swain, K.; Sarangi, P.P.	An Enhanced Skin Lesion Classification Technique Using Residual and Deep Convolutional Neural Networks	2025	Learning and Analytics in Intelligent Systems	45			356	364	0	10.1007/978-3-031-82706-8_36	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000874678&doi=10.1007%2F978-3-031-82706-8_36&partnerID=40&md5=83877087490aac90b4764c141888a812	Book chapter
Mohapatra, T.; Panda, M.; Sarangi, P.P.	Enhancing Data Security in Telemedicine: Integration of Digital Watermarking and Cryptography Techniques	2025	Learning and Analytics in Intelligent Systems	45			153	161	0	10.1007/978-3-031-82706-8_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000855080&doi=10.1007%2F978-3-031-82706-8_16&partnerID=40&md5=f8c03714ddc4606df1ef9887cdef1f03	Book chapter
Ravindra, V.; Mohapatra, P.K.; Panda, R.N.; Rout, S.K.	HYBRID FIREFLY AND PARTICLE SWARM OPTIMIZATION ALGORITHM FOR DESIGN OF NON-LINEAR CHANNEL EQUALIZER	2025	Proceedings on Engineering Sciences	7	1		565	576	0	10.24874/PES07.01D.013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000077006&doi=10.24874%2FPES07.01D.013&partnerID=40&md5=dfbbfc938bc2ded37d0a29ca1b4ce013	Article

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Reddy, S.R.; Panda, S.K.; Rout, S.K.; Mohapatra, P.K.; Nayak, D.K.	CLUSTER HEAD SELECTION FOR ENERGY EFFICIENCY IN WIRELESS SENSOR NETWORKS: A GRASSHOPPER OPTIMIZATION APPROACH	2025	Proceedings on Engineering Sciences	7	1		555	564	0	10.24874/PES07.01D.012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-10500060190&doi=10.24874%2FPES07.01D.012&partnerID=40&md5=6e6a877214bfd24a0e04fcb95353e3de	Article
Raikar, A.M.; Chikkanna, N.; Maharana, S.K.	Numerical Study of Aerodynamic Characteristics of Flow over a Serrated Double Delta Wing at Different Angles of Attack	2024	International Journal of Vehicle Structures and Systems	16	4		646	651	0	10.4273/ijvss.16.4.27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214427154&doi=10.4273%2Fijvss.16.4.27&partnerID=40&md5=030eaf2c6aac2197b329034a0e0278e1	Article
Khan, Z.H.; Swain, K.; Ibrahim, S.M.; Khan, W.A.; Huang, Z.	Transient flow and heat transfer characteristics of single-phase nanofluid past a stretching sheet under the influence of thermal radiation and heat source	2024	Alexandria Engineering Journal	108			122	134	21	10.1016/j.aej.2024.07.071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199332349&doi=10.1016%2Fj.aej.2024.07.071&partnerID=40&md5=6f07497d8c69baa03be59f8afa2b1f5b	Article
Das, A.K.; Padhi, M.R.; Behera, D.D.; Das, S.S.	Evaluation of a diesel engine performance and emission using biogas in dual fuel mode	2024	Mechanical Engineering for Society and Industry	4	2		167	176	2	10.31603/mesi.11407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217229313&doi=10.31603%2Fmesi.11407&partnerID=40&md5=da266cfc8c161029efd097ecfd47ce76	Article
Das, A.K.; Mohan, I.; Yao, Z.; Parida, B.; Kumar das, M.; Kumar, S.	Thermodynamic investigation and 4Es analysis of a VCR diesel engine using emulsified diesel with catalytic co-pyrolysis fuel derived from waste LDPE and Pongamia pinnata seeds	2024	Process Safety and Environmental Protection	191			2373	2384	2	10.1016/j.psep.2024.09.088	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205668721&doi=10.1016%2Fj.psep.2024.09.088&partnerID=40&md5=622c8054372aa88af2e82d996aa93ec5	Article
Khan, Z.H.; Khan, W.A.; Ibrahim, S.M.; Swain, K.; Huang, Z.	Impact of multiple slips and thermal radiation on heat and mass transfer in MHD Maxwell hybrid nanofluid flow over porous stretching sheet	2024	Case Studies in Thermal Engineering	61		104906			56	10.1016/j.csite.2024.104906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200416391&doi=10.1016%2Fj.csite.2024.104906&partnerID=40&md5=9a72043861efc5b8af056956a27346d4	Article
Das, A.K.; Mangaraj, A.; Behera, R.; Behera, S.	Optimizing Concrete Strength and Sustainability by Using Blast Furnace Slag and Waste Glass Powder as Additives	2024	Environmental Quality Management	34	1	e22281			0	10.1002/tqem.22281	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198507999&doi=10.1002%2Ftqem.22281&partnerID=40&md5=87e9a4f107a911d8235899afcdea5bbf	Article
Kumar, K.S.; Rout, S.K.; Panda, S.K.; Mohapatra, P.K.; Mohanty, S.N.; Khan, M.	RSSI-based optimization of static and mobile node combinations for dynamic node localization in wireless sensor networks	2024	Telecommunication Systems	87	1		137	149	6	10.1007/s1235-024-01183-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196528304&doi=10.1007%2Fs1235-024-01183-w&partnerID=40&md5=4dd41e9084223bc65e631a3c369257d7	Article
Nayak, P.; Polai, B.	Effect of Mn (as an acceptor) on the structural and electrical properties of non-stoichiometry Sodium Bismuth Titanate/NBT ceramics	2024	Ceramics International	50	17		31395	31401	2	10.1016/j.ceramint.2024.05.443	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194762028&doi=10.1016%2Fj.ceramint.2024.05.443&partnerID=40&md5=913c1dacfb7e90fb9021b33a8c008b6f	Article

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Jena, S.; Swain, K.; Ibrahim, S.M.; Sreenivasulu, P.; Lorenzini, G.	Three-Dimensional Radiative Rotating MHD Nanofluid Flow of Over a Stretched Sheet with Homogeneous-Heterogeneous Chemical Reactions	2024	Journal of Advanced Research in Micro and Nano Engineering	21	1		112	126	5	10.37934/armne.21.1.112126	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201541865&doi=10.37934%2Farmne.21.1.112126&partnerID=40&md5=43aa5feb6683fd6d58fe71d1baff9371	Article
Sahoo, S.; Badapanda, T.; Nayak, P.; S.K.Rout; Tripathy, S.N.	Impact of CeO2 additive on the temperature and frequency-dependent relaxation and conduction mechanism of BNT-BT ceramic	2024	Journal of Materials Science: Materials in Electronics	35	21	1482			3	10.1007/s10854-024-13239-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200011470&doi=10.1007%2Fs10854-024-13239-3&partnerID=40&md5=d513be0e73e82f6a28819d22651c0b46	Article
Baitharu, A.P.; Sahoo, S.N.; Swain, K.; Dash, G.C.	Dufour Effect on Chemically Reacting Casson Fluid Flow Over a Nonlinearly Stretching Sheet with Radiation Absorption	2024	Proceedings of the National Academy of Sciences India Section A - Physical Sciences	94	3		325	333	6	10.1007/s40010-024-00883-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197462067&doi=10.1007%2Fs40010-024-00883-x&partnerID=40&md5=58d7f178f34eebfcbc3a8661ac2411d9	Article
Hota, S.; Mishra, M.; Tripathy, U.P.	Removal of nitrate from contaminated water of river Rushikulya using natural adsorbent	2024	Analytical Methods in Environmental Chemistry Journal	7	2		45	58	1	10.24200/amecj.v7.i02.317	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197616973&doi=10.24200%2Famecj.v7.i02.317&partnerID=40&md5=d75df0a3aeab3b534ac6b1c4b1a78f5a	Article
Jena, S.; Swain, K.; Ibrahim, S.M.; Sreenivasulu, P.; Lorenzini, G.	Three-Dimensional MHD Rotating flow of Radiative Nanofluid over a Stretched Sheet with Homogeneous-Heterogeneous Chemical Reactions	2024	Journal of Engineering Thermophysics	33	2		336	353	22	10.1134/S1810232824020097	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85198834957&doi=10.1134%2FS1810232824020097&partnerID=40&md5=7612f4a4cc563a42b3ea8abb21c82a31	Article
Mishra, D.; Mohapatra, B.; Satpathy, A.S.; Muduli, K.; Mishra, B.; Mishra, S.; Paliwal, U.	The pandemic COVID-19 and associated challenges with implementation of artificial intelligence (AI) in Indian agriculture	2024	International Journal of System Assurance Engineering and Management	15	6		2715	2729	0	10.1007/s13198-024-02293-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188255566&doi=10.1007%2Fs13198-024-02293-z&partnerID=40&md5=93a23c45e896976a5206409b92e9bee0	Article
Mishra, S.; Swain, K.; Dalai, R.	Joule Heating and Viscous Dissipation Effects on Heat Transfer of Hybrid Nanofluids with Thermal Slip	2024	Iranian Journal of Science and Technology - Transactions of Mechanical Engineering	48	2		531	539	23	10.1007/s40997-023-00681-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164010029&doi=10.1007%2Fs40997-023-00681-7&partnerID=40&md5=6b4889c8ca3387b8165b8cbd06c0d0b5	Article
Panda, A.K.; Rout, S.K.; Das, A.K.	Optimization of diesel engine performance and emission using waste plastic pyrolytic oil by ANN and its thermo-economic assessment	2024	Environmental Science and Pollution Research	31	27		38893	38907	8	10.1007/s11356-023-26891-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153329369&doi=10.1007%2Fs11356-023-26891-9&partnerID=40&md5=d561fa436ecbc0a93ac045e17923fc35	Article
Mishra, D.; Mishra, A.; Mahalik, D.K.; Panda, S.R.; Das, S.	Why Not Outsourcing in Health Care by the Use of Friedman's Two-way Analysis of Variance?	2024	Journal of Datta Meghe Institute of Medical Sciences University	19	1		122	126	0	10.4103/jdmimsu.jdmimsu_568_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188638214&doi=10.4103%2Fjdmimsu.jdmimsu_568_22&partnerID=40&md5=00bcc55a2eaf7aa04b4d42f4fe9791e9	Article

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Jena, M.C.; Mishra, S.K.; Moharana, H.S.	Integration of Industry 4.0 with reliability centered maintenance to enhance sustainable manufacturing	2024	Environmental Progress and Sustainable Energy	43	2	e14321			9	10.1002/ep.14321	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179347887&doi=10.1002%2Fep.14321&partnerID=40&md5=d8447fd2246fe4c57fe4608e24230c31	Article
Panda, S.; Surender, S.; Thumma, T.; Mishra, S.R.; Pattnaik, P.K.	Mechanism of heat transfer in Falkner–Skan flow of buoyancy-driven dissipative hybrid nano fluid over a vertical permeable wedge with varying wall temperature	2024	Modern Physics Letters B	38	1	2350211			54	10.1142/S0217984923502111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176795739&doi=10.1142%2FSP0217984923502111&partnerID=40&md5=bf522e7838615e055c56a6d56096a2c3	Article
Behera, S.; Dash, G.; Pattanaik, S.R.	Exploring the Potentials of A Lateral p-n Junction by Using Novel Approach	2024					710	713	0	10.1109/EKCON62339.2024.10870848	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85219562558&doi=10.1109%2FEDKCON62339.2024.10870848&partnerID=40&md5=20a21c8c4d2b9c1e5ce7c12b77bdaa4b	Conference paper
Tripathy, S.; Pattanaik, S.R.; Sahoo, P.; Dash, R.	Enhanced Facial Emotion Recognition Using Transfer Learning with ResNet152	2024							0	10.1109/IC-SIT63503.2024.10862606	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218357240&doi=10.1109%2FIC-SIT63503.2024.10862606&partnerID=40&md5=9115fc564778b80121ab7acf828d43e8	Conference paper
Tripathy, S.; Pattanaik, S.R.; Rabindranath, M.H.; Dash, R.	Enhanced Textual Image Classification with Ensemble Learning of MobileNetV2 and ResNet50	2024							0	10.1109/IC-SIT63503.2024.10862136	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218353365&doi=10.1109%2FIC-SIT63503.2024.10862136&partnerID=40&md5=2b9e1acbd0570cfd79b4661e8ee0fbd0	Conference paper
Mohanty, S.; Maity, R.; Pattanaik, S.R.	Autonomous Vehicle Utilizing Deep Learning Methods	2024							0	10.1109/IC-SIT63503.2024.10862621	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218343903&doi=10.1109%2FIC-SIT63503.2024.10862621&partnerID=40&md5=afa2535ea2007a038fbb722f2f584db9	Conference paper
Singh, R.; Shukla, S.P.; Panda, A.; Sahoo, S.S.; Pati, S.; Panigrahi, B.K.	Islanding Detection in PV-Grid System by Random Forest and Spectrogram Based LBP	2024							1	10.1109/O-DICON62106.2024.10797532	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215989633&doi=10.1109%2FODICON62106.2024.10797532&partnerID=40&md5=c766740ecbe4d783cdda17d18d45bd6d	Conference paper
Padhi, B.P.; Dash, S.K.; Sahoo, S.S.; Mishra, S.; Dash, P.; Panigrahi, B.K.	Optimizing Microgrid Systems with Energy Storage Using Advanced Machine Learning Techniques	2024							1	10.1109/O-DICON62106.2024.10797470	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215975069&doi=10.1109%2FODICON62106.2024.10797470&partnerID=40&md5=2f032b42dd3516f93d4438375f8edf2e	Conference paper
Panda, A.; Panigrahi, B.K.; Mishra, S.; Singh, R.	A Method of Fault Section Identification in High Voltage Direct Current Using Wavelet Transform	2024							0	10.1109/O-DICON62106.2024.10797538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215954083&doi=10.1109%2FODICON62106.2024.10797538&partnerID=40&md5=4dec260048201fdb35bbf16623437844	Conference paper

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Sahoo, S.S.; Chatterjee, K.	Optimized Hybrid Energy Storage System for Synchronizing Doubly Fed Induction Generator with Enhanced Protection	2024							0	10.1109/O DICON621 06.2024.10 797486	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215937930&doi=10.1109%2FODICON62106.2024.10797486&partnerID=40&md5=c7199e427325324a7f4b3d3785ed8d51	Conference paper
Behera, K.K.; Mohanty, S.; Kumar, U.; Kaviraj, M.; Padbhushan, R.	Microbiome and Plant Nutrition: A Roadmap Towards Sustainable Agriculture	2024					1	206	1	10.1201/97 810030800 15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214603771&doi=10.1201%2F978100308015&partnerID=40&md5=5639371ef670a2fe1df007be9474efef	Book
Deka, B.; Dash, S.; Sahoo, M.K.	Smart health monitoring system to prevent complications during pregnancy using IoT and Hadoop	2024					67	86	1	10.1016/B9 78-0-443- 15452- 2.00005-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213197788&doi=10.1016%2FB978-0-443-15452-2.00005-4&partnerID=40&md5=ecbb06afb13112ccb0e15ec082148426	Book chapter
Mallick, P.; Panda, M.K.; Lopamudra, S.; Das, D.K.; Moharana, S.; Satpathy, S.K.	Pyroelectric Properties of Electroceramics	2024	Engineering Materials	Part F3761			447	471	1	10.1007/97 8-981-97- 9018-0_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85211820607&doi=10.1007%2F978-981-97-9018-0_18&partnerID=40&md5=8fb1a8dff5d5199e82c51344698a89f9	Book chapter
Kumar, V.P.; Pattanaik, S.R.; Sunil Kumar, V.V.	An Effective Brain Tumor Segmentation and Classification Framework using Transformer-based Res-UNet++ and ShuffleNetV2	2024					777	788	0	10.1109/AI C61668.20 24.107308 45	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210259448&doi=10.1109%2FAIC61668.2024.10730845&partnerID=40&md5=923fe1a8aa10b087eb18148d14cc24d0	Conference paper
Kumar, V.P.; Pattanaik, S.R.; Kumar, V.S.	A MobileUNet++-based Abnormality Segmentation and Multi-scale Network Approach for Brain Tumor Classification	2024							1	10.1109/IA CIS61494. 2024.1072 1743	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208807170&doi=10.1109%2FIAICIS61494.2024.10721743&partnerID=40&md5=0eee4e344a022ff7228a3585d832feab	Conference paper
Pradeep Reddy, K.; Chandu, V.; Sahyaja, C.; Shifaly; Thagaram, E.; Gangula, A.; Mishra, D.; Mohanty, S.	Organizational Opportunities Through Digital- and Social-Media Marketing for Sustainable Businesses	2024					61	70	0	10.1002/97 813941982 21.ch5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208519304&doi=10.1002%2F9781394198221.ch5&partnerID=40&md5=633fa69f4ee6a3266689c1e24d9ba06c	Book chapter
Mishra, R.D.; Dash, S.K.; Chudjareen, S.; Mohanty, S.; Gautam, S.P.; Mohanty, R.; Tanvir, M.T.	Hybrid LSTM-GBRT based machine learning technique implementation for electric vehicle sales prediction analysis	2024	International Journal of Sustainable Engineering	17	1		84	99	1	10.1080/19 397038.20 24.241128 4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206078287&doi=10.1080%2F19397038.2024.2411284&partnerID=40&md5=b46d3c9d004ad2e8e940e301b521dbd0	Article
Das, S.; Rout, S.K.; Panda, S.K.; Mohapatra, P.K.; Almazay, A.S.; Jasser, M.B.; Xiong, G.; Mohamed, A.W.	Marine Predators Algorithm with Deep Learning-Based Leukemia Cancer Classification on Medical Images	2024	CMES - Computer Modeling in Engineering and Sciences	141	1		893	916	7	10.32604/c mes.2024. 051856	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201787138&doi=10.32604%2Fcmes.2024.051856&partnerID=40&md5=a2d870a5909ec3bbb015b6c3e412a22	Article

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Varun Sai, B.S.; Mohanty, R.; Chatterjee, D.; Bingi, K.; Mohanty, S.	An Improved MPPT Controller for PV based Converters without Irradiation Sensor and Memory unit	2024					810	815	0	10.1109/GPECOM61896.2024.10582702	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199091543&doi=10.1109%2FGPECOM61896.2024.10582702&partnerID=40&md5=ffc8cab6b4e83f82fcbad5dfd449ec97	Conference paper
Choudhury, S.K.; Rao, V.M.; Achary, G.S.	GIS-Based Assessment of Groundwater Quality and Suitability for Drinking Purposes in Smart City Bhubaneswar, Odisha, India	2024	Lecture Notes in Civil Engineering	464			55	73	1	10.1007/978-981-97-0910-6_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85192135056&doi=10.1007%2F978-981-97-0910-6_6&partnerID=40&md5=57761ff034da14fa3579da3c56eef846	Conference paper
Swain, K.; Nisar, K.S.	Time-dependent stagnation point flow of nano Casson fluid with Joule heating over an elongated surface subjected to viscous heating and exponential space-based heat source/sink: Boungiorno model	2024	Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems						7	10.1177/23977914231217470	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184466281&doi=10.1177%2F23977914231217470&partnerID=40&md5=a1ccc9c9cb5588ef7de592aeb6141862	Article
Das, A.K.; Mohapatra, T.	Exergetic performance optimization and thermoeconomic analysis of a variable compression ratio diesel engine fueled with distilled plastic oil and diesel doped with nanographene	2024	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering						1	10.1177/09544089241229563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184448437&doi=10.1177%2F09544089241229563&partnerID=40&md5=cccc73673d01356a73fc4a707433f34e	Article
Khasim, S.; Rahat, I.S.; Ghosh, H.; Shaik, K.; Panda, S.K.	Using Deep Learning and Machine Learning: Real-Time Discernment and Diagnostics of Rice-Leaf Diseases in Bangladesh	2024	EAI Endorsed Transactions on Internet of Things	10					26	10.4108/eeiot.4579	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179910487&doi=10.4108%2Feiot.4579&partnerID=40&md5=190bc83f2626eeb6760db578e83b3896	Article
Murmu, P.; Barik, R.; Sahoo, S.S.; Prasad Padhi, B.	Designing of a TEG module for Domestic purpose in Remote tribal Area in Odisha	2024							0	10.1109/BI TCON63716.2024.10985651	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008340691&doi=10.1109%2FBITCON63716.2024.10985651&partnerID=40&md5=2991963defba97bd8abf4abb5cf66253	Conference paper
Barik, R.; Murmu, P.; Sahoo, S.S.; Prasad Padhi, B.	Feasibility and Economic Evaluation of Thermoelectric Generator (TEG) Module for Rural Electrification	2024							0	10.1109/BI TCON63716.2024.10985414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008329629&doi=10.1109%2FBITCON63716.2024.10985414&partnerID=40&md5=c87d36109590c64d9e9ccbae0fe9b97f	Conference paper
Nayak, S.R.; Mohanty, R.; Bhatta, S.K.	Evaluation of Solar-Powered Bicycles to Promote an Eco-Friendly Environment	2024							0	10.1109/S COPE64467.2024.10991262	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007870650&doi=10.1109%2FSCOPES64467.2024.10991262&partnerID=40&md5=cd768c26c31f0cc27ad06629999fae42	Conference paper
Hota, S.; Sahoo, C.; Parida, B.; Das, A.K.	Performance Evaluation of Basic Oxygen Furnace (BOF) Slag as a Partial Replacement of Aggregates for Cost-Effective Utilisation in Asphalt Mixture	2024					227	237	0	10.1007/978-3-031-64873-1_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004954337&doi=10.1007%2F978-3-031-64873-1_18&partnerID=40&md5=534fb506b32a1189f0d1db5048db20a5	Book chapter

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Chowdhury, M.R.; Panda, M.; Sarangi, S.K.	A Survey on Diabetic Retinopathy Classification Based on Deep Learning Approaches	2024							0	10.1109/ISED63599.2024.10956438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003904350&doi=10.1109%2FISED63599.2024.10956438&partnerID=40&md5=9ab22eb8ad91e364f804829bd724d3d7	Conference paper
Mohan, I.; Yao, Z.; Das, A.K.; Prakash, R.; Kumar, S.	Performance, emission and combustion characteristics of liquid fuel produced through catalytic co-pyrolysis of waste LDPE and Pongamia pinnata seeds: An experimental investigation in CI engine	2023	Results in Engineering	20		101499			19	10.1016/j.rineng.2023.101499	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174212099&doi=10.1016%2Fj.rineng.2023.101499&partnerID=40&md5=1ada01a2a5807ff333cdd2d867672775	Article
Thumma, T.; Panda, S.; Mishra, S.R.; Surender, S.	Mathematical modelling of heat and solutal rate with cross-diffusion effect on the flow of nanofluid past a curved surface under the impact of thermal radiation and heat source: Sensitivity analysis	2023	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	103	12	202300077			30	10.1002/zamm.202300077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164823892&doi=10.1002%2Fzamm.202300077&partnerID=40&md5=2f0c81a6e53882602e832f9f24b45ec8	Article
Das, A.K.; Mohapatra, T.; Panda, A.K.; Mishra, M.; Kumar, S.	Multi-objective optimization and 4E's analysis of a VCR diesel engine fueled with binary fuel mixtures of diesel and pyrolysis oil derived from different plastics waste	2023	Journal of the Energy Institute	110		101359			5	10.1016/j.joei.2023.101359	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167793719&doi=10.1016%2Fj.joei.2023.101359&partnerID=40&md5=8c4604e39252fe1a7d19029842dbc95b	Article
Nayak, P.; Nayak, S.K.	Doping effect of Fe, Co and W on the structural, electrical and magnetic properties of BaTiO ₃ ferroelectric ceramics	2023	Solid State Communications	371		115272			4	10.1016/j.ssc.2023.115272	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164220237&doi=10.1016%2Fj.ssc.2023.115272&partnerID=40&md5=5450e7b153041cf8779581a327d3fabe	Article
Panda, S.; Surender, S.; Mishra, S.R.; Thumma, T.	Hybridization of artificial neural network and response surface methodology for the optimized heat transfer rate on three-dimensional micropolar nanofluid using Hamilton–Crosser conductivity model through	2023	Journal of Thermal Analysis and Calorimetry	148	17		9027	9046	35	10.1007/s10973-023-12283-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164194615&doi=10.1007%2Fs10973-023-12283-1&partnerID=40&md5=041e057b497feb797f5aa3625d367745	Article
Swain, K.; Ibrahim, S.M.; Dharmaiah, G.; Noeiaghdam, S.	Numerical study of nanoparticles aggregation on radiative 3D flow of maxwell fluid over a permeable stretching surface with thermal radiation and heat source/sink	2023	Results in Engineering	19		101208			54	10.1016/j.rineng.2023.101208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162148031&doi=10.1016%2Fj.rineng.2023.101208&partnerID=40&md5=844ae4aba22de8b6084fc8e4b333bdaf	Article
Panda, S.; Surender, S.; Mishra, S.R.; Pattnaik, P.K.	Response surface methodology and sensitive analysis for optimizing heat transfer rate on the 3D hybrid nanofluid flow through permeable stretching surface	2023	Journal of Thermal Analysis and Calorimetry	148	14		7369	7382	41	10.1007/s10973-023-12183-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158105330&doi=10.1007%2Fs10973-023-12183-4&partnerID=40&md5=5d6b8015713860b60d8598cda4f03ac3	Article
Biswal, M.M.; Das, M.; Swain, K.; Dash, G.C.	Soret and Dufour effects on flow of Casson fluid over a stretching sheet with chemical reaction	2023	AIP Conference Proceedings	2819		50006			2	10.1063/5.0137212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163663036&doi=10.1063%2F5.0137212&partnerID=40&md5=ef08fb1850fb67e53ae46ca4e080386c	Conference paper

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Das, A.K.; Mohapatra, T.; Kumar Panda, A.	Multiple response optimization for performance and emission of a CI engine using waste plastic oil and biogas in dual fuel mode operation	2023	Sustainable Energy Technologies and Assessments	57		103170			21	10.1016/j.seta.2023.103170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151306043&doi=10.1016%2Fj.seta.2023.103170&partnerID=40&md5=24d486b185cfa3409dc121891d7f4c6a	Article
Chandrasahas, B.V.; Mohanty, S.N.; Panda, S.K.; Michael, G.	An Empirical Study on Classification of Monkeypox Skin Lesion Detection	2023	EAI Endorsed Transactions on Pervasive Health and Technology	9	1	e4			5	10.4108/etpht.v8i5.3352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162181121&doi=10.4108%2Fetpht.v8i5.3352&partnerID=40&md5=6d49329cba26be42e218fe84af25b90e	Article
Parida, S.K.; Swain, K.	Magnetohydrodynamics stagnation point flow and heat transfer over a non-isothermal permeable shrinking sheet with variable surface temperature	2023	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik	103	5	202100241			3	10.1002/zamm.202100241	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145025914&doi=10.1002%2Fzamm.202100241&partnerID=40&md5=dc0204c790b714e2488b62326096dcfc	Article
Panigrahi, A.; Dash, M.; Sahu, B.; Pati, A.; Mohanty, S.N.	Machine learning-based integrated approach for cancer microarray data analysis	2023					149	168	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160631193&partnerID=40&md5=711e7e312db1506f12a7ee2f2b985a7f	Book chapter
Muduly, M.M.; Swain, K.; Rath, P.K.; Parida, T.K.; Dash, G.C.	Unsteady thermally radiative and chemically reactive viscoelastic fluid flow past a vertical porous plate with a heat source	2023	Heat Transfer	52	2		1552	1569	0	10.1002/htj.22754	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141395466&doi=10.1002%2Fhtj.22754&partnerID=40&md5=c38c6b83fe2821ab874d63510f8cbf39	Article
Muduly, M.M.; Rath, P.K.; Parida, T.K.; Dash, G.C.; Swain, K.	Study of an unsteady fluctuating MHD flow of elasticoviscous liquid past a vertical porous plate	2023	Heat Transfer	52	2		1324	1344	0	10.1002/htj.22742	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139867017&doi=10.1002%2Fhtj.22742&partnerID=40&md5=42ccf2242fb6a25df04ce2934c302300	Article
Mishra, S.; Swain, K.; Dalai, R.	Heat and mass transfer of water-based copper and alumina hybrid nanofluid over a stretching sheet	2023	Heat Transfer	52	2		1198	1214	10	10.1002/htj.22736	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139126762&doi=10.1002%2Fhtj.22736&partnerID=40&md5=2dcb887df35adcc934b000a722f54487	Article
Lenka, S.; Badapanda, T.; Nayak, P.; Sarangi, S.; Anwar, S.; Tripathy, S.N.	Investigation of crystal structure and variable range hopping conduction mechanism in Gd doped Na _{0.5} Bi _{0.5} TiO ₃ ceramics	2023	Journal of Molecular Structure	1274		134413			16	10.1016/j.molstruc.2022.134413	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140881892&doi=10.1016%2Fj.molstruc.2022.134413&partnerID=40&md5=f08ac9c5d4295b81d230dd4ab70d533b	Article
Palai, C.; Jena, P.K.; Khuntia, B.; Mishra, T.K.; Pattanaik, S.R.	Content-Based Image Retrieval using Adaptive CIE Color Feature Fusion	2023	Revue d'Intelligence Artificielle	37	1		63	72	3	10.18280/ria.370109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152202332&doi=10.18280%2Fria.370109&partnerID=40&md5=d8aa263ef8720c61fe1a982067f0bce0	Article
Das, A.K.; Panda, A.K.	Improvement of performance and emission characteristic of waste plastic pyrolytic oil blended diesel fuel in variable compression diesel engine using graphene nano additive	2023	Energy and Environment	34	1		212	229	11	10.1177/0958305X211060405	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120504035&doi=10.1177%2F0958305X211060405&partnerID=40&md5=98b1abc548e11437ee5e41149ab742a6	Article

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Sahoo, S.S.; Chatterjee, K.; Dash, P.; Padhi, B.P.; Mishra, S.	A Flexible Current Limiting Scheme for Uncertainty Truncation in Doubly Fed Induction Generator	2023							0	10.1109/S TPEC5925 3.2023.10431172	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186500679&doi=10.1109%2FSTPEC59253.2023.10431172&partnerID=40&md5=9eaf8b213fb8bb33551b6583e1eb3ce3	Conference paper
Mishra, T.; Sahu, S.; Sahoo, S.S.	Review on Optical Communication System Using Machine Learning	2023							0	10.1109/A ESPC5976 1.2023.10390473	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184849056&doi=10.1109%2FAESPC59761.2023.10390473&partnerID=40&md5=fc24793a48423bef99db1fb2b41b6303	Conference paper
Jena, M.C.; Mishra, S.K.; Moharana, H.S.	A Study on Optimum Use of Fly Ash and GGBS in Fiber Cement Sheet to Enhance Sustainable Manufacturing	2023	Environmental Claims Journal	35	3		297	312	0	10.1080/10406026.2023.2282511	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177045586&doi=10.1080%2F10406026.2023.2282511&partnerID=40&md5=e802fcd4430deb86e11c108a9b6140c0	Article
Rout, S.K.; Sahu, B.; Das, A.K.; Mohanty, S.N.; Sharma, A.K.	Using deep learning via long-short-term memory model prediction of COVID-19 situation in India	2023					143	162	0	10.1016/B978-0-443-19413-9.00010-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176837310&doi=10.1016%2FB978-0-443-19413-9.00010-2&partnerID=40&md5=cb5eaf95e4b34882f46fb10f68890fd7	Book chapter
Pattnaik, P.K.; Panda, S.; Mishra, S.R.; Nayak, K.K.P.N.	The Analytical Scheme on the Inertial Drag for Buoyancy-driven Nanofluid Flow Under Convective Thermal Surface with the Soret Effect	2023	Open Chemical Engineering Journal	17	1	412312309130			2	10.2174/018741231267495230922112334	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175095471&doi=10.2174%2F018741231267495230922112334&partnerID=40&md5=57e94564d952f4e8775d39e7f7877612	Article
Mohapatra, P.K.; Rout, S.K.; Panda, R.N.; Gupta, N.S.; Swain, N.K.	Performance Analysis of Smart Antenna in Wireless Communication System	2023	Communications in Computer and Information Science	1861			256	265	1	10.1007/978-3-031-40564-8_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172116247&doi=10.1007%2F978-3-031-40564-8_19&partnerID=40&md5=1af2ede76090442759ee37c208b40194	Conference paper
Agarwal, R.; Suthar, J.; Panda, S.K.; Mohanty, S.N.	Fuzzy and Machine Learning based Multi-Criteria Decision Making for Selecting Electronics Product	2023	EAI Endorsed Transactions on Scalable Information Systems	10	5				14	10.4108/eesis.3353	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171447455&doi=10.4108%2Feesis.3353&partnerID=40&md5=6f0d7f5b362535f4185c3a5bea759b01	Article
Kumari, A.; Swain, K.; Dalai, R.	Analysis of Chemically Reactive Casson Nanofluid Flow Over a Stretched Sheet with Joule Heating and Viscous Dissipation	2023					381	392	2	10.1201/9781003299608-22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170172878&doi=10.1201%2F9781003299608-22&partnerID=40&md5=a488d30b813e793d180f4559e07b7aee	Book chapter
Pani, S.; Rout, J.; Afroz, Z.; Dey, M.; Sahoo, M.K.; Das, A.K.	Diagnosis of Plant Diseases by Image Processing Model for Sustainable Solutions	2023	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	471			181	192	1	10.1007/978-3-031-35081-8_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169681816&doi=10.1007%2F978-3-031-35081-8_15&partnerID=40&md5=99f0b3485a2dea9f763cad590204263e	Conference paper

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Panda, S.K.; Baral, S.K.; Goel, R.; Singh, T.	A Model for Engineering, Procurement, and Construction (EPC) Organizations Using Vendor Performance Rating System	2023	Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST	471			3	12	0	10.1007/978-3-031-35081-8_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169663485&doi=10.1007%2F978-3-031-35081-8_1&partnerID=40&md5=d235148169e50cffe187fd10bd56203	Conference paper
Mishra, B.K.; Tripathy, P.K.; Rout, S.K.; Pattanaik, C.R.	An Enhanced Image Segmentation Approach for Detection of Diseases in Fruit	2023	International Journal of Information System Modeling and Design	13	7				2	10.4018/IJISMD.315281	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164244656&doi=10.4018%2FIJISMD.315281&partnerID=40&md5=094a0c27544ba3d75f234c6907a07451	Article
Yadav, A.; Kumar, V.; Joshi, D.; Rajput, D.S.; Mishra, H.; Paruti, B.S.	Hybrid Artificial Intelligence-Based Models for Prediction of Death Rate in India Due to COVID-19 Transmission	2023	International Journal of Reliable and Quality E-Healthcare	12	2				7	10.4018/IJRQE.320480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154043803&doi=10.4018%2FIJRQE.320480&partnerID=40&md5=7ac3c2ea592739de75bc52c34de8c310	Article
Palai, C.; Jena, P.K.; Pattanaik, S.R.; Panigrahi, T.; Mishra, T.K.	Content-based Image Retrieval using Encoder based RGB and Texture Feature Fusion	2023	International Journal of Advanced Computer Science and Applications	14	3		245	254	6	10.14569/IJACSA.2023.0140328	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151807553&doi=10.14569%2FIJACSA.2023.0140328&partnerID=40&md5=b5292fa0ea1869fd4507137617703105	Article
Behera, S.; Dash, G.; Jena, M.R.; Pattanaik, S.R.	Novel materials-based devices to mitigate challenges	2023					119	157	0	10.1016/B978-0-323-91832-9.00006-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150550272&doi=10.1016%2FB978-0-323-91832-9.00006-3&partnerID=40&md5=f5277ef9b521046583301754582ebe9a	Book chapter
Das, A.K.; Sahoo, S.S.; Panda, A.K.	Experimental investigation and analyses of CI engine fuelled with different blends of waste plastic oil and diesel	2023	International Journal of Exergy	40	1		44	58	6	10.1504/IJEX.2023.10053572	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147551845&doi=10.1504%2FIJEX.2023.10053572&partnerID=40&md5=c96205acda9469fa7b537b81cf7a78ce	Article
Rout, S.K.; Sahu, B.; Panigrahi, A.; Nayak, B.; Pati, A.	Early Detection of Sepsis Using LSTM Neural Network with Electronic Health Record	2023	Smart Innovation, Systems and Technologies	317			201	207	17	10.1007/978-981-19-6068-0_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145008552&doi=10.1007%2F978-981-19-6068-0_19&partnerID=40&md5=8295cb739341abcba34875804ba23f03	Conference paper
Mohapatra, P.K.; Panda, R.N.; Kumar Rout, S.; Samantaroy, R.; Kumar Jena, P.K.	A Novel Cuckoo Search Optimized RBF Trained ANN in a Nonlinear Channel Equalization	2023	Lecture Notes in Networks and Systems	428			189	203	4	10.1007/978-981-19-2225-1_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140474863&doi=10.1007%2F978-981-19-2225-1_18&partnerID=40&md5=fc7c1a8bee630bd7e7e0951f10f16564	Conference paper
Mishra, S.; Dalai, R.; Swain, K.	Effects of copper and titania nanoparticles on MHD 3D rotational flow over an elongating sheet with convective thermal boundary condition	2023	International Journal of Ambient Energy	44	1		381	389	5	10.1080/01430750.2022.2127892	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139866017&doi=10.1080%2F01430750.2022.2127892&partnerID=40&md5=65b82d6412c35fe8b6ff87dcef79db7b	Article

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Biswal, M.M.; Swain, K.; Dash, G.C.; Mishra, S.	Study of chemically reactive and thermally radiative Casson nanofluid flow past a stretching sheet with a heat source	2023	Heat Transfer	52	1		333	353	13	10.1002/htj.22697	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137815130&doi=10.1002%2Fhtj.22697&partnerID=40&md5=3a2cdd5bde41a4515f881f99a7b93572	Article
Biswal, M.M.; Swain, K.; Dash, G.C.; Ojha, K.	Study of radiative magneto-non-Newtonian fluid flow over a nonlinearly elongating sheet with Soret and Dufour effects	2023	Numerical Heat Transfer; Part A: Applications	83	4		331	342	27	10.1080/10407782.2022.2091379	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134191997&doi=10.1080%2F10407782.2022.2091379&partnerID=40&md5=6b2e04bc52401be565c96222e372a57b	Article
Sahu, S.; Thatoi, D.N.; Swain, K.	Darcy-Forchheimer Flow Over a Stretching Sheet with Heat Source Effect: A Numerical Study	2023	Lecture Notes in Mechanical Engineering				615	622	5	10.1007/978-981-16-9057-0_67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132862413&doi=10.1007%2F978-981-16-9057-0_67&partnerID=40&md5=619ea82c78d041f9dba2d07a5715bea3	Conference paper
Das, A.K.; Behera, S.; Mohanty, S.; Behera, N.; Mohanty, K.	Performance and emission characteristics analysis of a CI engine fueled with distilled pyrolytic waste plastic oil/ethanol/diesel blends	2023	Environmental Science and Pollution Research						5	10.1007/s11356-023-31091-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105022077893&doi=10.1007%2Fs11356-023-31091-6&partnerID=40&md5=ed98e8e55932c1bca6f8e83f1f59b1	Article
Mishra, A.; Swain, K.; Dash, S.	Therapeutic Applications of Darcy-Forchheimer Hybrid Nanofluid Flow and Mass Transfer Over a Stretching Sheet	2022	Journal of Computational Applied Mechanics	53	4		585	598	6	10.22059/JCAMECH.2022.349748.763	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146036887&doi=10.22059%2FJCAMECH.2022.349748.763&partnerID=40&md5=aa0c9f57ab154646efdc29c27220fa6e	Article
Muduly, M.M.; Rath, P.K.; Kar, P.; Swain, K.	Effects of Joule heating and viscous dissipation on Casson nanofluid flow over a stretched sheet with chemical reaction	2022	Journal of Computational Applied Mechanics	53	4		478	493	5	10.22059/JCAMECH.2022.348203.754	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145943933&doi=10.22059%2FJCAMECH.2022.348203.754&partnerID=40&md5=1f0f368ef80681d1500965e22d2e8d4c	Article
Dash, S.; Parida, R.K.; Dash, J.; Khan, A.U.; Swain, S.K.	OPTIMAL OMNIDIRECTIONAL OFFLOADING IN FEDERATED CLOUD-FOG SYSTEMS WITH COST MINIMIZATION	2022	Journal of Theoretical and Applied Information Technology	100	17		5515	5525	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138919430&partnerID=40&md5=d89632d513c3cb53d7467d9d8410035b	Article
Swain, K.; Mishra, M.; Kumari, A.	Numerical study of Casson nanofluid over an elongated surface in presence of Joule heating and viscous dissipation: Buongiorno model analysis	2022	Journal of Computational Applied Mechanics	53	3		414	430	3	10.22059/jcamech.2022.347011.745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140259353&doi=10.22059%2Fjcamech.2022.347011.745&partnerID=40&md5=8d73672f41fed10f918cdb76b51d512c	Article
Yadav, A.; Hasan, M.K.; Joshi, D.; Kumar, V.; Mohd Aman, A.H.M.; Alhumyani, H.; Alzaidi, M.S.; Mishra, H.	Optimized Scenario for Estimating Suspended Sediment Yield Using an Artificial Neural Network Coupled with a Genetic Algorithm	2022	Water (Switzerland)	14	18	2815			9	10.3390/w14182815	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138729093&doi=10.3390%2Fw14182815&partnerID=40&md5=e77f719ff703edc86e6af218bef28e67	Article

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Parija, S.K.; Swain, S.K.; Biswal, S.M.; Adak, S.; Dutta, P.	Performance Analysis of Gate Stack DG-MOSFET for Biosensor Applications	2022	Silicon	14	14		8371	8379	17	10.1007/s12633-021-01622-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122238405&doi=10.1007%2Fs12633-021-01622-2&partnerID=40&md5=dd3bfd48d1fd78c1a660ee0da15c3392	Article
Mahanthesh, M.; Muhammad, T.; Lorenzini, G.; Swain, K.	Darcy–Forchheimer Nanoliquid Flow and Radiative Heat Transport over Convectively Heated Surface with Chemical Reaction	2022	Journal of Engineering Thermophysics	31	2		261	273	3	10.1134/S1810232822020072	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132841332&doi=10.1134%2FS1810232822020072&partnerID=40&md5=0b8ce7537971453875e39a09b9be384b	Article
Das, A.K.; Sahu, S.K.; Panda, A.K.	Current status and prospects of alternate liquid transportation fuels in compression ignition engines: A critical review	2022	Renewable and Sustainable Energy Reviews	161		112358			57	10.1016/j.rser.2022.112358	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125863911&doi=10.1016%2Fj.rser.2022.112358&partnerID=40&md5=864cb055515c30f77307b8389438b701	Review
Das, A.K.; Rout, S.K.; Panda, A.K.	THERMOLYSIS OF MEDICAL PLASTIC WASTES USING ZEOLITE A CATALYST-KINETIC STUDY, EXPERIMENTAL OPTIMISATION AND VALIDATION	2022	Journal of Environmental Engineering and Landscape Management	30	2		249	258	4	10.3846/jeelm.2022.16741	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131009439&doi=10.3846%2Fjeelm.2022.16741&partnerID=40&md5=41b8e1dae8baea4c6e6b9f623bc7a254	Article
Sahoo, S.N.; Rout, P.K.; Dash, G.C.	Radiation effect on MHD flow through porous medium past a vertical plate with time dependent surface temperature and concentration	2022	Songklanakarin Journal of Science and Technology	44	3		698	707	2		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135512089&partnerID=40&md5=e74d06f094c82fad3da4b1e7733501ae	Article
Swain, K.; Senapati, M.; Parida, S.K.	Numerical analysis of unsteady non-Newtonian MHD nanofluid flow over a stretching sheet	2022	Songklanakarin Journal of Science and Technology	44	3		653	661	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135485038&partnerID=40&md5=8a2a593674cd3e7b8c142ee927ee37b0	Article
Parija, S.K.; Swain, S.K.; Adak, S.; Biswal, S.M.; Dutta, P.	Comparison Study of DG-MOSFET with and without Gate Stack Configuration for Biosensor Applications	2022	Silicon	14	7		3629	3640	11	10.1007/s12633-021-01118-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105785585&doi=10.1007%2Fs12633-021-01118-z&partnerID=40&md5=b00a9751476892bef946f856c843c9db	Article
Pani, S.; Sahu, B.; Mishra, J.; Mohanty, S.N.; Panigrahi, A.	Pragmatic analysis of social web components on semantic web mining	2022					83	108	1	10.1002/9781119836759.ch6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147721729&doi=10.1002%2F9781119836759.ch6&partnerID=40&md5=753be0c989f39054c2c2115fc9f030e8	Book chapter
Sahoo, M.	Winter soil temperature and its effect on soil nitrate Status: A Support Vector Regression-based approach on the projected impacts	2022	Catena	211		105958			12	10.1016/j.catena.2021.105958	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121623064&doi=10.1016%2Fj.catena.2021.105958&partnerID=40&md5=36afa8384a8a18b400a1f8b349d3f824	Article

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Sun, X.; Animasaun, I.L.; Swain, K.; Shah, N.A.; Wakif, A.; Olanrewaju, P.O.	Significance of nanoparticle radius, inter-particle spacing, inclined magnetic field, and space-dependent internal heating: The case of chemically reactive water conveying copper nanoparticles	2022	ZAMM Zeitschrift für Angewandte Mathematik und Mechanik	102	4	202100094			32	10.1002/zamm.202100094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121615411&doi=10.1002%2Fzamm.202100094&partnerID=40&md5=cf310976e3412c790199735ac429ec07	Article
Biswas, S.; Mahata, S.; Nayak, B.P.; Sahoo, S.	Imprints of new physics in $b \rightarrow l + l -$ Decay in nonuniversal Z' model	2022	International Journal of Modern Physics A	37	9	2250044			3	10.1142/S0217751X22500440	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130135249&doi=10.1142%2F50217751X22500440&partnerID=40&md5=e079464243054595561e5c8b5e108e15	Article
Panigrahi, A.; Sahu, B.; Panigrahi, S.S.; Jena, A.K.; Khan, M.S.	Impact of Optimized Segment Routing in Software Defined Networks	2022					263	287	1	10.1002/9781119884392.ch12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151745846&doi=10.1002%2F9781119884392.ch12&partnerID=40&md5=071fd283a83228999e413c1eccb0fd70	Book chapter
Behera, S.; Pattanaik, S.R.; Dash, G.	Study of the influence of parameters to explore the Properties of Graphene Nanoribbon Field Effect Transistors	2022					1	5	0	10.1109/EKCON56221.2022.10032928	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148696356&doi=10.1109%2FEDKCON5621.2022.10032928&partnerID=40&md5=885f0ba52a2b758e2d68a95c6ac26dea	Conference paper
Behera, S.; Pattanaik, S.R.; Behera, B.; Dash, G.	Exploring the Influence of Channel and Contact Resistance Variability in Graphene Field Effect Transistor	2022					642	645	1	10.1109/EKCON56221.2022.10032963	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148687104&doi=10.1109%2FEDKCON5621.2022.10032963&partnerID=40&md5=00bca92115887717bb17811eef4fe9d9	Conference paper
Mohapatra, P.K.; Rout, S.K.; Kumar, K.S.; Meda, A.; Panda, R.N.	Multi-Objective Optimization Approach in Channel Equalization Problems	2022					428	432	2	10.1109/ICSC56524.2022.10009611	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146954648&doi=10.1109%2FICSC56524.2022.10009611&partnerID=40&md5=71a44bc00e21be6914b66c7638465844	Conference paper
Mohapatra, P.K.; Rout, S.K.; Panda, R.N.; Meda, A.; Panda, B.K.	Performance Analysis of Fading Channels in a Wireless Communication	2022	Communications in Computer and Information Science	1737			175	183	5	10.1007/978-3-031-23233-6_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146645771&doi=10.1007%2F978-3-031-23233-6_13&partnerID=40&md5=54a7b2e1712c3eb20ae1d834d27c51c0	Conference paper
Das, A.K.; Rout, S.K.; Dash, S.K.; Mangaraj, A.	Internet of Things and Cloud Computing for Smart Vermicomposting by Using Eisenia Fetida and Its Optimization by ANN	2022	Lecture Notes in Electrical Engineering	905			375	387	3	10.1007/978-981-19-2177-3_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135811629&doi=10.1007%2F978-981-19-2177-3_37&partnerID=40&md5=2404ab616ad90f7aba47fae0c3ca089f	Conference paper
Sahoo, S.N.; Rout, P.K.; Dash, G.C.	Unsteady MHD flow through porous media with temporal variation in temperature and concentration at the plate	2022	International Journal of Ambient Energy	43	1		7977	7986	3	10.1080/01430750.2022.2086914	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132791165&doi=10.1080%2F01430750.2022.2086914&partnerID=40&md5=6216b912730d4d36447b044525750207	Article

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Sahu, B.; Sahoo, N.; Panigrahi, S.S.; Rout, S.K.	A Novel Hybrid JFA-SVM Algorithm for Feature Selection	2022	Smart Innovation, Systems and Technologies	283			439	447	0	10.1007/978-981-16-9705-0_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132040389&doi=10.1007%2F978-981-16-9705-0_43&partnerID=40&md5=1d7763651e706bda3fece1a79ec726f5	Conference paper
Das, S.; Barik, A.K.	Opposition-Based Competitive Swarm Optimizer for Optimal Sizing and Siting of DG Units in Radial System	2022	Lecture Notes in Electrical Engineering	823			269	282	10	10.1007/978-981-16-7472-3_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126202387&doi=10.1007%2F978-981-16-7472-3_21&partnerID=40&md5=6bdf0b097a7772f393af16d767dfaa7e	Conference paper
Rout, S.K.; Sahu, B.; Mishra, B.K.; Singh, D.	Artificial Neural Network Modeling for Prediction of Coronavirus (COVID-19)	2022	Lecture Notes in Networks and Systems	302			328	339	13	10.1007/978-981-16-4807-6_32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122585521&doi=10.1007%2F978-981-16-4807-6_32&partnerID=40&md5=1a32ba590c22a74589b0b84dbcabdf3	Conference paper
Sharma, A.K.; Sharma, D.M.; Purohit, N.; Rout, S.K.; Sharma, S.A.	Analytics Techniques: Descriptive Analytics, Predictive Analytics, and Prescriptive Analytics	2022	EAI/Springer Innovations in Communication and Computing				1	14	19	10.1007/978-3-030-82763-2_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122466948&doi=10.1007%2F978-3-030-82763-2_1&partnerID=40&md5=c2fe4a451a53beaf53e7a77b5002e686	Book chapter
Swain, K.; Mishra, S.	Flow and heat transfer analysis of water-based copper nanofluid over a nonlinearly stretching sheet: a numerical approach	2022	International Journal of Ambient Energy	43	1		5810	5824	14	10.1080/01430750.2021.1995490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118528549&doi=10.1080%2F01430750.2021.1995490&partnerID=40&md5=3ac97aef498ac27e8756a8050064c359	Article
Ojha, K.; Swain, K.; Dash, P.	Viscoelastic hydromagnetic oscillatory flow in a channel in the presence of sinusoidal pressure gradient and linear motion of the plate	2022	Heat Transfer	51	1		1138	1149	5	10.1002/htj.22345	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115715274&doi=10.1002%2Fhtj.22345&partnerID=40&md5=cbac71ed1755d92f5a8faf7beaf7950e	Article
Swain, K.; Animasaun, I.L.; Ibrahim, S.M.	Influence of exponential space-based heat source and Joule heating on nanofluid flow over an elongating/shrinking sheet with an inclined magnetic field	2022	International Journal of Ambient Energy	43	1		4045	4057	41	10.1080/01430750.2021.1873854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099656370&doi=10.1080%2F01430750.2021.1873854&partnerID=40&md5=602f85399bf2fd3d29ab574861c6605e	Article
Swain, K.; Mebarek-Oudina, F.; Abo-Dahab, S.M.	Influence of MWCNT/Fe ₃ O ₄ hybrid nanoparticles on an exponentially porous shrinking sheet with chemical reaction and slip boundary conditions	2022	Journal of Thermal Analysis and Calorimetry	147	2		1561	1570	136	10.1007/s10973-020-10432-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099111211&doi=10.1007%2Fs10973-020-10432-4&partnerID=40&md5=35c0f81d5d6f08a7b0f8a20ad02fe18c	Article
Senapati, M.; Parida, S.K.; Swain, K.; Ibrahim, S.M.	Analysis of variable magnetic field on chemically dissipative MHD boundary layer flow of Casson fluid over a nonlinearly stretching sheet with slip conditions	2022	International Journal of Ambient Energy	43	1		3712	3726	23	10.1080/01430750.2020.1831601	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096777305&doi=10.1080%2F01430750.2020.1831601&partnerID=40&md5=8310317e4875b11afec3231c2ac6918f	Article

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Das, A.K.; Mohapatra, T.; Panda, A.K.; Sahoo, S.S.	Study on the performance and emission characteristics of pyrolytic waste plastic oil operated CI engine using response surface methodology	2021	Journal of Cleaner Production	328		129646			38	10.1016/j.jclepro.2021.129646	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118873197&doi=10.1016%2Fj.jclepro.2021.129646&partnerID=40&md5=dc71ca900a17e8fcec357e79cec7946	Article
Rana, P.; Mahanthesh, M.; Nisar, K.S.; Swain, K.; Devi, M.	Boundary layer flow of magneto-nanomicropolar liquid over an exponentially elongated porous plate with Joule heating and viscous heating: a numerical study	2021	Arabian Journal for Science and Engineering	46	12		12405	12415	28	10.1007/s13369-021-05926-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111148024&doi=10.1007%2Fs13369-021-05926-8&partnerID=40&md5=de62b7a6557e072c73e36217e1150e3d	Article
Mahanthesh, M.; Al-Kouz, W.; Swain, K.; Rout, P.K.	Computational modeling of heat transfer in magneto-non-Newtonian material in a circular tube with viscous and Joule heating	2021	Heat Transfer	50	7		6703	6718	11	10.1002/htj.22199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107801744&doi=10.1002%2Fhtj.22199&partnerID=40&md5=56600063add589a8155b6718a6234bab	Article
Dash, S.K.; Mohanty, S.; Das, S.; Choudhury, S.; Khadenga, R.	Harmonic Elimination of a Reduced Switch Count Cascaded Multilevel Inverter using Grey Wolf Optimization for Renewable Energy Applications	2021					192	196	1	10.1109/IRIA53009.2021.9588706	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119098330&doi=10.1109%2FIRIA53009.2021.9588706&partnerID=40&md5=e2c1fbf900647034f1e3a1d75e333e3	Conference paper
Das, A.K.; Hansdah, D.; Panda, A.K.	Thermal balancing and exergetic performance evaluation of a compression ignition engine fuelled with waste plastic pyrolytic oil and different fuel additives	2021	Energy	229		120629			33	10.1016/j.energy.2021.120629	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104917848&doi=10.1016%2Fj.energy.2021.120629&partnerID=40&md5=0b88d02a14921151dad61f3ce9f776fb	Article
Das, A.K.; Sahoo, S.S.; Panda, A.K.	Production of Waste Plastics Oil and Its Prospective Use in a Variable Compression CI Engine	2021	Journal of Hazardous, Toxic, and Radioactive Waste	25	3	4021008			9	10.1061/(ASCE)HZ.2153-5515.0000606	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102069355&doi=10.1061%2F%28ASCE%29HZ.2153-5515.0000606&partnerID=40&md5=97f34e7ec63ae00a876aeab11074a10d	Article
Al-Kouz, W.; Swain, K.; Mahanthesh, M.; Jamshed, W.	Significance of exponential space-based heat source and inclined magnetic field on heat transfer of hybrid nanoliquid with homogeneous–heterogeneous chemical reactions	2021	Heat Transfer	50	4		4086	4102	24	10.1002/htj.22065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099767931&doi=10.1002%2Fhtj.22065&partnerID=40&md5=df0c226fc9202652452bd1c3fa77762	Article
Swain, K.; Mahanthesh, M.	Thermal Enhancement of Radiating Magneto-Nanoliquid with Nanoparticles Aggregation and Joule Heating: A Three-Dimensional Flow	2021	Arabian Journal for Science and Engineering	46	6		5865	5873	62	10.1007/s13369-020-04979-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092778609&doi=10.1007%2Fs13369-020-04979-5&partnerID=40&md5=facef11366cfe06b7d1f18a2b41dc28f	Article
Mishra, A.; Srivastava, A.; Mohapatra, A.K.; Sanjay, R.	Effect of ambient and operating parameters on the performance parameters of cooled gas turbine cycle	2021	AIP Conference Proceedings	2341		49974			1	10.1063/5.0049974	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106014196&doi=10.1063%2F5.0049974&partnerID=40&md5=2d88e4b27a22ab85869be9347ac1831f	Conference paper

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Sahu, B.; Mohanty, S.N.	CMBA-SVM: a clinical approach for Parkinson disease diagnosis	2021	International Journal of Information Technology (Singapore)	13	2		647	655	38	10.1007/s41870-020-00569-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099372058&doi=10.1007%2Fs41870-020-00569-8&partnerID=40&md5=0393130615c25989a51287a7e908c5a3	Article
Panigrahi, S.S.; Sahoo, P.K.; Sahu, B.; Panigrahi, A.; Jena, A.K.	Model-driven automatic paths generation and test case optimization using hybrid FA-BC	2021				9396999	263	268	5	10.1109/ESCI50559.2021.9396999	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104669488&doi=10.1109%2FESCI50559.2021.9396999&partnerID=40&md5=ab9f548215b4525a1b46e1bb97e845d5	Conference paper
Sahu, B.; Panigrahi, A.; Panigrahi, S.S.; Mohanty, S.N.; Sukla, S.; Aher, C.N.	CDA-SVM: A chaotic dragonfly enriched support vector machine for micro array data sets	2021				9396985	228	233	2	10.1109/ESCI50559.2021.9396985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104620245&doi=10.1109%2FESCI50559.2021.9396985&partnerID=40&md5=75476d5c0cb16ea55044794f6b86055b	Conference paper
Mishra, A.; Srivastava, A.; Mohapatra, A.K.	Augmentation of Gas-Turbine Performance Using Inlet Air Cooling and Turbine Blade Cooling: A Thermodynamic Approach	2021	SAE Technical Papers		2021				2	10.4271/2021-01-0031	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102599514&doi=10.4271%2F2021-01-0031&partnerID=40&md5=b12284dcd10dcb4a25593637793488bd	Conference paper
Panigrahi, N.; Mohapatra, A.K.; Mishra, S.R.; Sahu, S.	Optimization of Performance and Emission characteristics of CI engine with various biodiesel using Taguchi Method	2021				9428926			0	10.1109/OICON5056.2021.9428926	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107512427&doi=10.1109%2FODICON5056.2021.9428926&partnerID=40&md5=bb5b480f8b327978fce117768d34c38a	Conference paper
Sahu, S.; Mohapatra, A.K.; Thatoi, D.N.; Panigrahi, N.	Improving gas turbine performance using mechanical chiller: A thermodynamic approach	2021				9428940			0	10.1109/OICON5056.2021.9428940	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107511255&doi=10.1109%2FODICON5056.2021.9428940&partnerID=40&md5=61bbc63505405d20877b788b3113f70	Conference paper
Sahu, S.; Thatoi, D.N.; Mohapatra, A.K.	Effect of Ambient and Operating Parameters on the Exergy Performance of a Marine Gas Turbine Engine	2021	SAE Technical Papers						0	10.4271/2021-01-1152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148004559&doi=10.4271%2F2021-01-1152&partnerID=40&md5=25f3603ccbaa71295a17907c16e4b5b8	Conference paper
Sahoo, M.	Evaluation of machine learning-based modeling approaches in groundwater quantity and quality prediction	2021					87	103	7	10.1016/B978-0-12-823830-1.00016-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131212625&doi=10.1016%2FB978-0-12-823830-1.00016-X&partnerID=40&md5=497cf42a448f21e4e77b899885352a8d	Book chapter
Biswas, S.; Deka, B.; Dash, S.; Rout, K.	IoT-based fuzzy logic-controlled novel and multilingual mobile application for hydroponic farming	2021					31	42	8	10.1016/B978-0-12-823694-9.00027-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85122094717&doi=10.1016%2FB978-0-12-823694-9.00027-X&partnerID=40&md5=c0ebaec683aee771f4cd423b6b0cecca	Book chapter

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Panigrahi, N.; Mishra, S.R.	Energy and exergy analysis of a CI engine fuelled with blend of liquid hydrocarbon waste plastics fuels and diesel	2021	International Journal of Environmental Technology and Management	24	05-Jun		424	441	0	10.1504/IJ-ETM.2021.117296	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114280181&doi=10.1504%2FIJ-ETM.2021.117296&partnerID=40&md5=0d35ada841327697c250c900503fbccb	Article
Das, A.K.	Prediction of Engine Performance in a Single-Cylinder Diesel Engine Fueled with Waste Plastic Oil, Ethanol, and Diesel Blend by Artificial Neural Network	2021	SAE Technical Papers		2021				7	10.4271/2021-01-5072	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113968018&doi=10.4271%2F2021-01-5072&partnerID=40&md5=c9cea965fb7430d21e941c24009b845b	Conference paper
Bhanipati, J.; Singh, D.; Biswal, A.K.; Rout, S.K.	Minimization of Collision Through Retransmission and Optimal Power Allocation in Wireless Sensor Networks (WSNs)	2021	Lecture Notes in Networks and Systems	202 LNNS			653	665	8	10.1007/978-981-16-0695-3_61	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111331843&doi=10.1007%2F978-981-16-0695-3_61&partnerID=40&md5=d92449c2d2f2f413bddbad4dc8148eae	Conference paper
Panigrahi, A.; Sahu, B.; Panigrahi, S.S.; Khan, M.S.; Jena, A.K.	Application of blockchain as a solution to the real-world issues in health care system	2021	Intelligent Systems Reference Library	203			135	149	8	10.1007/978-3-030-69395-4_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105384406&doi=10.1007%2F978-3-030-69395-4_8&partnerID=40&md5=5b60cb0cba99e5d72450630ff4d03a5a	Book chapter
Singh, K.R.; Dash, S.; Deka, B.; Biswas, S.	Mobile Technology Solutions for COVID-19	2021	Studies in Systems, Decision and Control	324			271	294	11	10.1007/978-3-030-60039-6_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102030586&doi=10.1007%2F978-3-030-60039-6_14&partnerID=40&md5=cf4273001c33903cc4f6712f7801e4c2	Book chapter
Panigrahi, A.; Sahu, B.; Priyadarshini, S.B.B.	Hetero Leach: Leach Protocol with Heterogeneous Energy Constraint	2021	Smart Innovation, Systems and Technologies	194			21	29	2	10.1007/978-981-15-5971-6_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096502781&doi=10.1007%2F978-981-15-5971-6_3&partnerID=40&md5=00440e2cf6e8591a7afaa1beba841b32	Conference paper
Panigrahi, A.; Sahu, B.; Rout, S.K.; Kumar Rath, A.K.	M-Throttled: Dynamic Load Balancing Algorithm for Cloud Computing	2021	Smart Innovation, Systems and Technologies	194			3	10	6	10.1007/978-981-15-5971-6_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096471677&doi=10.1007%2F978-981-15-5971-6_1&partnerID=40&md5=2ae44f0269a69b9d516f0095a876b3de	Conference paper
Das, A.K.; Mohanty, R.	Performance enhancement of domestic refrigeration system using r-134a refrigerant blended with graphene as nano additives	2021	Lecture Notes in Mechanical Engineering				99	110	6	10.1007/978-981-15-6360-7_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093841620&doi=10.1007%2F978-981-15-6360-7_10&partnerID=40&md5=acf65670b0280985db1863628bf92d12	Conference paper

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Mishra, H.; Jena, A.	Light Weight Concrete Using Light Weight Expanded Clay Aggregate and Dry Saw Dust	2021	Lecture Notes in Civil Engineering	75			517	526	0	10.1007/978-981-15-4577-1_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088266637&doi=10.1007%2F978-981-15-4577-1_43&partnerID=40&md5=2396dc94374e776e81090a8a86cf72b2	Book chapter
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=f81ace238d0fdc0ec4d2d573f3d3bed4e	Article
Gopagoni, 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/IC CSP48568.2020.9182181	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091330403&doi=10.1109%2FIC CSP48568.2020.9182181&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/IC OEI48184.2020.9142883	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089981549&doi=10.1109%2FIC OEI48184.2020.9142883&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

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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
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=80de33eac0b035fab632fdbca3e9e06e	Book chapter
Swain, K.; Mahanthesh, M.; Mebarek-Oudina, F.	Heat transport and stagnation-point flow of magnetized nanoliquid with variable thermal conductivity, Brownian moment, 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=9b87982d77b1aac775d24392e7334b4	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 AI 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=e65d264f1f1abdc6065f021adc27576	Conference paper

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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
Acharya, S.; Dash, K.K.; Chained, 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
Mishra, P.K.; Nayak, A.K.; Rout, K.; Panda, B.P.	Design and testing of a multi-band printed antenna for WLAN/WiMAX/LTE applications	2019				9002506	201	204	2	10.1109/ISES47678.2019.00052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081273414&doi=10.1109%2FISSES47678.2019.00052&partnerID=40&md5=6d28b52ef8bded046d0ee5792038ebc8	Conference paper

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Nayak, A.K.; Subudhi, P.K.; Panda, S.B.; Nanda, R.K.	Dual-band circular polarized printed antenna for WiMAX and LTE applications	2019				9002468	340	343	3	10.1109/IS ES47678.2019.00085	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081262413&doi=10.1109%2FIS ES47678.2019.00085&partnerID=40&md5=a183ae3c5586fdcf8101c12c56ab8ed	Conference paper
Gouda, N.; Singh, R.K.; Das, A.K.; Panda, A.K.	Performance, emission, energy, and exergy analysis of CI engine using Kaner seed pyrolysis oil blended diesel	2019	Environmental Progress and Sustainable Energy	38	6	13269			12	10.1002/ep.13269	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067653767&doi=10.1002%2Fep.13269&partnerID=40&md5=576a97e2a9379588401ef5e6b7c78e52	Article
Mohapatra, A.K.; Hotta, T.; Choudhary, T.	Advanced Exergy Analysis of an Air Craft Gas Turbine Engine at Different Power Loading Operations	2019	SAE Technical Papers	19-September	September				1	10.4271/2019-01-1863	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073545881&doi=10.4271%2F2019-01-1863&partnerID=40&md5=96d543856694cc35810b5e29d08a793d	Conference paper
Praveen Kumar, G.; Mohan Rao, S.K.; Swathi, B.V.	Improved privacy protecting in distributed grid data resource using multiplicative perturbation based on frequent decision classifier	2019	International Journal of Innovative Technology and Exploring Engineering	8	Special issue 2		131	139	0	10.35940/ijitee.K1021.09811S219	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074336225&doi=10.35940%2Fijitee.K1021.09811S219&partnerID=40&md5=659ad5ad810ad80222f11bde0f017b80	Article
Mishra, M.; Panda, D.	Multi stage multi-objective transportation problem under uncertainty environment	2019	International Journal of Recent Technology and Engineering	8	3		4056	4060	2	10.35940/ijrte.C5370.098319	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073556889&doi=10.35940%2Fijrte.C5370.098319&partnerID=40&md5=0ca1c7b45b48547ef3da33c3d91d359c	Article
Jena, M.C.; Mishra, S.K.; Moharana, H.S.	Effect of Particle Size on Collection Efficiency of ESP and RABH: A Case Study	2019	Aerosol Science and Engineering	3	3		75	87	7	10.1007/s41810-019-00045-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069661873&doi=10.1007%2Fs41810-019-00045-2&partnerID=40&md5=57d30ae5acdb9ea7a65758d86c06d17e	Article
Lakshmanaprabu, S.K.; Mohanty, S.N.; S., S.R.; Sujatha, S.; Uthayakumar, J.; K, K.	Online clinical decision support system using optimal deep neural networks	2019	Applied Soft Computing	81		105487			147	10.1016/j.asoc.2019.105487	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066284187&doi=10.1016%2Fj.asoc.2019.105487&partnerID=40&md5=407f3f3e05ea71d234148ce2a0f83235	Article
Mohanty, S.; Mangaraj, M.	Analytical Modeling and Prediction of Global Peak for Partial Shading of PV Modules for a PV System	2019				8944643			2	10.1109/IC CCNT45670.2019.8944643	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078167863&doi=10.1109%2FIC CCNT45670.2019.8944643&partnerID=40&md5=6191a2fbb6bff50d7e06a32d39e66952	Conference paper
Kumari, A.; Mishra, S.; Mohapatra, A.K.; Sanjay, S.	Energy, Exergy and Emission Performance Analysis of Air-Film Blade Cooled Turbo Prop Turbine for Heavy Duty Cargo Aircrafts	2019	SAE Technical Papers		March				3	10.4271/2019-01-1389	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063532800&doi=10.4271%2F2019-01-1389&partnerID=40&md5=7c38107b269e81258f699c2ea23b5201	Conference paper

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Lakshmanaprabu, S.K.; Mohanty, S.N.; K, K.; Arunkumar, N.; Ramírez-González, G.	Optimal deep learning model for classification of lung cancer on CT images	2019	Future Generation Computer Systems	92			374	382	465	10.1016/j.future.2018.10.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055639493&doi=10.1016%2Fj.future.2018.10.009&partnerID=40&md5=fb10918b8c0cf0fc0ba93547913da7c	Article
Sahu, B.; Mohanty, S.N.; Rout, S.K.	A Hybrid Approach for Breast Cancer Classification and Diagnosis	2019	EAI Endorsed Transactions on Scalable Information Systems	6	20	e2			111	10.4108/eai.19-12-2018.156086	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075568530&doi=10.4108%2F2018.156086&partnerID=40&md5=50bc145767dbd9f4705728e79ec663ea	Article
Mohanty, S.N.; Parvin, J.; Vinoth Kumar, K.; Ramya, K.C.; Rani, S.; Lakshmanaprabu, S.K.	Optimal rough fuzzy clustering for user profile ontology based web page recommendation analysis	2019	Journal of Intelligent and Fuzzy Systems	37	1		205	216	27	10.3233/JIFS-179078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069522199&doi=10.3233%2FJIFS-179078&partnerID=40&md5=135a15ffb081beeec0ab2e4aa74cd7b0	Article
Nayak, A.K.; Panda, S.B.; Mohapatra, H.B.; Rout, K.	Compact Antenna Using IDC Based CRLH-TL Unit Cell for L-Band Applications	2018				8724348	18	21	4	10.1109/ICIT.2018.00016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067518084&doi=10.1109%2FICIT.2018.00016&partnerID=40&md5=624b031879b81adb30b4362e9240aa5	Conference paper
Panigrahi, A.; Rout, C.; Badjena, C.; Das, H.	Dynamic Channel Assignment Strategies in Multi Radio Wireless Mesh Network	2018				8724240	27	32	3	10.1109/ICIT.2018.00018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067434150&doi=10.1109%2FICIT.2018.00018&partnerID=40&md5=6d9d5da285efb674e1d51447354fe3a2	Conference paper
Swain, S.K.; Adak, S.; Biswal, S.M.; Baral, B.; Parija, S.K.	Comparison of Linearity Performance of InAs Based DG-MOSFETs with Gate Stack, SiO2 and HfO2	2018				8770386	242	246	4	10.1109/EDKCON.2018.8770386	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070410864&doi=10.1109%2FEDKCON.2018.8770386&partnerID=40&md5=ee870017b18972dba9bd3a42619d1738	Conference paper
Panigrahi, N.	Energy and exergy analysis of a CI engine fuelled with polanga oil methyl ester	2018	Energy and Environment	29	7		1155	1173	13	10.1177/0958305X1876544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047409390&doi=10.1177%2F0958305X18776544&partnerID=40&md5=670a42330b1126af90a4a1f1fb4e65f2	Article
Mishra, S.R.; Mohanty, M.K.; Panigrahi, N.; Pattanaik, A.K.	Impact of Simarouba glauca biodiesel blends as a fuel on the performance and emission analysis in an unmodified DICl engine	2018	Renewable Energy Focus	26			11	16	19	10.1016/j.ref.2018.05.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-8504885256&doi=10.1016%2Fj.ref.2018.05.002&partnerID=40&md5=17612ed5ce13304f92bb7a5e747fa7d2	Article
Rama Krishna, B.; Krishna Mohan Rao, S.	Attribute Pattern Weights (APW): A Scale to Detect Concept Drift in Data Stream Mining Models	2018				8441513			1	10.1109/ICCCI.2018.8441513	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053549043&doi=10.1109%2FICCCI.2018.8441513&partnerID=40&md5=2bc50f7f6ba5dea395665135a3beb348	Conference paper

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Sahoo, S.N.; Rout, P.K.; Dash, G.C.	Oscillatory saturated flow of a second grade fluid in a channel	2018	Modelling, Measurement and Control B	87	1		30	35	2	10.18280/mmc_b.870105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049030121&doi=10.18280%2Fmmc_b.870105&partnerID=40&md5=39892eb90949f37e4ee1f4aed65f0015	Article
Panigrahi, N.; Mohanty, M.K.; Mishra, S.R.; Mohanty, R.C.	Energy and Exergy Analysis of a Diesel Engine Fuelled with Diesel and Simarouba Biodiesel Blends	2018	Journal of The Institution of Engineers (India): Series C	99	1		9	17	38	10.1007/s40032-016-0335-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040718946&doi=10.1007%2Fs40032-016-0335-9&partnerID=40&md5=d0b18a415421d3040926a2ffa971769b	Article
Sahu, B.; Dash, S.; Mohanty, S.N.; Rout, S.K.	Ensemble comparative study for diagnosis of breast cancer datasets	2018	International Journal of Engineering and Technology (UAE)	7	Special Issue 15		281	285	32		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082349042&partnerID=40&md5=603e24e87e10476b490bcb835fb5d2d9	Article
Mohanty, R.; Chatterjee, D.; Sengupta, G.	Design of PSO based cascaded multilevel inverter with unequal DC sources	2018	International Journal of Engineering and Technology (UAE)	7	4		7	10	2	10.14419/ijet.v7i4.38.24310	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058999660&doi=10.14419%2Fijet.v7i4.38.24310&partnerID=40&md5=de56b0bfe4eda9e3f650d0bca9192df8	Article
Mohapatra, A.K.; Sanjay, S.; Choudhary, T.; Kumari, A.; Irshad, S.	Thermodynamic Analysis of an Evaporative Inlet Air Cooled Combined Cycle for Marine Application	2018	SAE Technical Papers	18-September					1	10.4271/2018-01-1777	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056808973&doi=10.4271%2F2018-01-1777&partnerID=40&md5=072160cc5d715248c1a4026de815d9c0	Conference paper
Panigrahi, N.; Chai, R.; Nayak, A.; Mishra, P.	Impact of milling time and method on particle size and surface morphology during nano particle synthesis from α -Al ₂ O ₃	2018	Materials Today: Proceedings	5	9		20727	20735	7	10.1016/j.matpr.2018.06.457	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056622048&doi=10.1016%2Fj.matpr.2018.06.457&partnerID=40&md5=4870be23049d515af696ec7c5c752b16	Conference paper
Shristi; Jagadev, A.K.; Mohanty, S.N.	A collaborative filtering approach for movies recommendation based on user clustering and item clustering	2018	Communications in Computer and Information Science	906			187	196	4	10.1007/978-981-13-1813-9_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056465471&doi=10.1007%2F978-981-13-1813-9_19&partnerID=40&md5=52f79221fb3484e2c64144d42a033b95	Conference paper
Lakshmi, C.B.N.; Krishna Mohan Rao, S.	Failure detection and recovery in self-healing WSN	2018	International Journal of Communication Networks and Distributed Systems	21	4		445	456	6	10.1504/ijcnds.2018.095366	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054498811&doi=10.1504%2Fijcnds.2018.095366&partnerID=40&md5=d15fed3bc216d0813708f442e2401356	Article
Sahoo, S.N.; Rout, P.K.; Dash, G.C.	Oscillatory saturated flow of a second grade fluid in a channel	2018	Advances in Modelling and Analysis A	87	1		30	35	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85052020516&partnerID=40&md5=15aefa137c96dd4cbc010f4b29ea843	Article

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Hota, S.; Kar, B.B.	Evaluation of physico-chemical parameters of river Rushikulya, Berhampur, Odisha	2018	Indian Journal of Environmental Protection	38	1		23	28	1		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047799840&partnerID=40&md5=8f162d124ce93e5e0f696d2266301d64	Article
Rout, S.K.; Kumar Rath, A.K.; Mohapatra, P.K.; Kumar Jena, P.K.; Swain, A.	A fuzzy optimization technique for energy efficient node localization in wireless sensor network using dynamic trilateration method	2018	Advances in Intelligent Systems and Computing	710			325	338	6	10.1007/978-981-10-7871-2_32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045657312&doi=10.1007%2F978-981-10-7871-2_32&partnerID=40&md5=d5623cfbcf83aed2a4d4c89f4721cd57	Conference paper
Kuanr, M.; Mohanty, S.N.	A collaborative location-based personalized recommender system	2018	Advances in Intelligent Systems and Computing	710			817	824	0	10.1007/978-981-10-7871-2_78	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045638348&doi=10.1007%2F978-981-10-7871-2_78&partnerID=40&md5=185274a18ec181e4efe19291714bb7fb	Conference paper
Tripathy, A.; Sarangi, S.K.; Panda, R.	Fabrication of functionally graded composite material using powder metallurgy route: An overview	2017	International Journal of Mechanical and Production Engineering Research and Development	7	6		135	145	30	10.24247/ijmperdec201714	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034036371&doi=10.24247%2Fijmperdec201714&partnerID=40&md5=4a40ff1bfd8046811dd03ed10b840801	Review
Swain, S.K.; Adak, S.; Parija, S.K.; Sarkar, C.K.	Sub threshold analog &RF parameter extraction of graded channel gate stack DG-MOSFETs with high K material using NQS approach	2017				8073939	216	220	0	10.1109/D-EVIC.2017.8073939	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039942923&doi=10.1109%2FDEVIC.2017.8073939&partnerID=40&md5=aa671a5c1fe893c75dff49be34f75c55	Conference paper
Dash, S.; Patra, B.	Feature selection algorithms for classification and clustering in bioinformatics	2016		3			2071	2091	2	10.4018/978-1-5225-1759-7.ch085	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018590378&doi=10.4018%2F978-1-5225-1759-7.ch085&partnerID=40&md5=1eb10e5b3c4093c79b96d0ad2ed6c135	Book chapter
Rout, P.K.; Sahoo, S.N.; Dash, G.C.; Mishra, S.R.	Chemical reaction effect on MHD free convection flow in a micropolar fluid	2016	Alexandria Engineering Journal	55	3		2967	2973	50	10.1016/j.aej.2016.04.033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969543206&doi=10.1016%2Fj.aej.2016.04.033&partnerID=40&md5=18841edbf8db8d542bb9dfa8e9ca1ff6	Article
Rout, P.K.; Sahoo, S.N.; Dash, G.C.	Effect of heat source and chemical reaction on MHD flow past a vertical plate with variable temperature	2016	Journal of Naval Architecture and Marine Engineering	13	1		101	110	10	10.3329/jname.v13i1.23930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008429000&doi=10.3329%2Fjname.v13i1.23930&partnerID=40&md5=43649b6c4a75365726d43e89da1256ee	Article
Mahapatra, S.K.; Mohapatra, S.K.; Behera, S.K.; Ray, S.	Heartworm tracking using FGMP algorithm in dogs intestine	2016				7449905	122	125	0	10.1109/C-GVIS.2015.7449905	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966649907&doi=10.1109%2FCGVIS.2015.7449905&partnerID=40&md5=265d287ce719f06aa225108220b1e51	Conference paper

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Mahapatra, S.K.; Mohapatra, S.K.; Behera, S.K.; Ray, S.	A modified VCA applied for joint scheduling and power allocation in 38 GHz indoor network	2016				7443795			0	10.1109/INDICON.2015.7443795	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994385600&doi=10.1109%2FINDICON.2015.7443795&partnerID=40&md5=ebb4318aed623ac2bf1f4f0d8267a5f	Conference paper
Mohapatra, S.K.; Swain, B.R.; Mahapatra, S.K.; Behera, S.K.	Multi moving bacteria and WBC tracking using MTP approach for proper diagnosis in blood	2016				7438165	17	21	1	10.1109/PCTC.2015.7438165	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966687062&doi=10.1109%2FPCTC.2015.7438165&partnerID=40&md5=5977c14b7c26c3560d2c58d5ebcdaec9	Conference paper
Hanmandlu, M.; Choudhury, D.K.; Dash, S.	Detection of fabric defects using fuzzy decision tree	2016	International Journal of Signal and Imaging Systems Engineering	9	3		184	198	5	10.1504/IJSISE.2016.076230	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019839835&doi=10.1504%2FIJSISE.2016.076230&partnerID=40&md5=8f81ff910feb1ee2580ecee6ac3fa576	Article
Swain, B.R.; Mohapatra, S.K.; Mahapatra, S.K.; Behera, S.K.	A Simulation based model for bacteria tracking using MTP approach in blood	2015				7322740	1399	1402	0	10.1109/ICCCSP.2015.7322740	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84966667746&doi=10.1109%2FICCCSP.2015.7322740&partnerID=40&md5=a9c27b40610440b48e457082d1fd4aa9	Conference paper
Hanmandlu, M.; Choudhury, D.K.; Dash, S.	Detection of defects in fabrics using topothesy fractal dimension features	2015	Signal, Image and Video Processing	9	7		1521	1530	30	10.1007/s11760-013-0604-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84940446529&doi=10.1007%2Fs11760-013-0604-5&partnerID=40&md5=c857cc2f63e819ee432474025ccbc419	Article
Mohapatra, S.K.; Khandai, S.K.; Mahapatra, S.K.; Behera, S.K.	A simulation based algorithm for SEIG as an isolated power source for wind mills	2015				7232889	267	272	0	10.1109/ReTIS.2015.7232889	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954137712&doi=10.1109%2FReTIS.2015.7232889&partnerID=40&md5=900d9ac171838ba6b6b74a3ee7457e14	Conference paper
Mohapatra, S.K.; Swain, B.R.; Mahapatra, S.K.; Behera, S.K.	Stability and energy aware reverse AODV routing protocol in MANETS	2015				7232935	526	531	8	10.1109/ReTIS.2015.7232935	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84954107291&doi=10.1109%2FReTIS.2015.7232935&partnerID=40&md5=244a80e6226765a3f2aa1da4b7c2216b	Conference paper
Tripathy, A.; Panda, R.K.; Sarangi, S.K.	Finite element analysis of smart functionally graded beams	2015	International Journal of Applied Engineering Research	10	55		3932	3936	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84942428634&partnerID=40&md5=5c10c71577f04dbfd5599429da9f0bfe	Article
Panda, B.K.; Swain, J.; Mishra, D.P.; Sahu, B.	Analysis of effect of mobility and transmission power on AODV and DSR in mobile Adhoc network	2014	IFIP International Conference on Wireless and Optical Communications Networks, WOCN			6923073			4	10.1109/WOCN.2014.6923073	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84908259979&doi=10.1109%2FWOCN.2014.6923073&partnerID=40&md5=98086bd23f5056045e92d20fda2c3e3e	Conference paper

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Dash, S.	Hill-climber based fuzzy-rough feature extraction with an application to cancer classification	2014				6920499	28	34	3	10.1109/HIS.2013.6920499	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910626706&doi=10.1109%2FHIS.2013.6920499&partnerID=40&md5=a5db5c09bf7be35d478b0dab8d1b3aa2	Conference paper
Mishra, S.	Effects of mould vibration on casting characteristics of Al-6wt%Cu alloy	2014							0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928923174&partnerID=40&md5=a4753d676dcaaa2f144d98bced9d5a5f	Conference paper
Barik, S.R.; Nayak, B.; Dash, S.	A Comparative analysis of three level VSC based multi-pulse STATCOM	2014	International Journal of Engineering and Technology	6	3		1550	1563	4		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921629159&partnerID=40&md5=9b7da1ff91990073a6b707f4b54a811b	Article
Dash, S.; Patra, B.	Feature selection algorithms for classification and clustering in bioinformatics	2013					111	130	5	10.4018/978-1-4666-4936-1.ch005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84956750854&doi=10.4018%2F978-1-4666-4936-1.ch005&partnerID=40&md5=72ff41dad238f9fc0a64d66382cf72de	Book chapter
Dash, S.; Patra, B.	Rough set aided gene selection for cancer classification	2012				6530344	290	294	5		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881120115&partnerID=40&md5=b3bfad9ab1b142dc48f0bd3c6f0a0438	Conference paper
Sahoo, S.R.; Mahapatra, K.K.	Design of low power and high speed ripple carry adder using modified feedthrough logic	2012				6422217	377	380	7	10.1109/CODIS.2012.6422217	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874443512&doi=10.1109%2FCODIS.2012.6422217&partnerID=40&md5=0e820b29b95c829ba29523246043e587	Conference paper
Sahoo, S.R.; Mahapatra, K.K.	Modified circuit design technique for feedthrough logic	2012				6412974	323	327	0	10.1109/NCCCS.2012.6412974	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874246311&doi=10.1109%2FNCCCS.2012.6412974&partnerID=40&md5=6dc04d7f8f34ea3863acc64d349d2fd4	Conference paper
Sahoo, S.R.; Mahapatra, K.K.	Noise tolerant circuit techniques for high performance feedthrough logic	2012				6513932	354	358	0		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911092088&partnerID=40&md5=5ab7cc501e6e6e430258207e34da56db	Conference paper