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S.No	Title of Paper	Author(s)	Dept	Journal Name	Year of Publication	ISSN	Article Link/Abstract
Number of Research papers published in Journals - 2022 - 2023							
1	Computational & Experimental analysis on Aerodynamic performance of Airfoil with split	Dr. C. Suresh	AS	The Korean Society of MECH Engineers	2023	1738-494X	https://www.dbpia.co.kr/Journal/articleDetail?nodeld=NODE11708532
2	Priority-based SenCar deployment strategy for mobile sink data gathering in WSN	Sunita S Patil	CSE	International Journal of Internet Protocol Technology	2022	1743-8217	https://www.inderscienceonline.com/doi/abs/10.1504/IJIPT.2022.125967
3	Deep learning and optimisation for quality of service modelling	A Krishna Kumar	CSE	Journal of King Saud University – Computer and Information Sciences	2022	1319-1578	https://www.sciencedirect.com/science/article/pii/S1319157822000295
4	Prediction of QoS Data for Various Sensors Using AI Algorithms	A. Krishnakumar	CSE	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	2022	2147-6799/214	https://ijisae.org/index.php/IJISAE/index
5	Bizarre Object Recognition Under Surveillance	A.M. PRASANNA KUMAR	ECE	International Journal of Research and Analytical Reviews	2022	2349-5138	-
6	ANNHRPAA Based Deep Learning ImageProcessing for Pneumonia Detection	A.M. PRASANNA KUMAR	ECE	Journal of Electronics Information Technology Science and Management	2022	0258-7982	https://www.intechopen.com/chapters/83592



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7	Hybrid Reverse Propagation ANN Adaptive Algorithm Based Deep Learning Image Processing for Pneumonia Detection	A.M. PRASANNA KUMAR	ECE	ACS Journal for Science and Engineering	2022	2582-9610	http://www.acsjsse.in/
8	CMAC Trained Optimum Mid-course Guidance for Tactical Flight Vehicle	Dr A K Sarkar	AE	Defence Science Journal	2022	22147853	https://publications.drdo.gov.in/ojs/index.php/dsj/article/view/16295
9	Static structural analysis and testing of aircraft wing spar using composite material	Dr G.Ramanan	AE	Materials Today	2022	22147853	https://www.sciencedirect.com/science/article/pii/S2214785322029339
10	Artificial intelligence-based neural network for the diagnosis of diabetes and COVID	Dr. Bharathi Gururaj	ECE	International journal of health sciences	2022	2372-5060	https://sciencescholar.us/journal/index.php/ijhs/article/view/8606
11	An Integrated IoT Technology for Health and Traffic Monitoring System with Smart Ambulance	Dr. Bharathi Gururaj	ECE	IEEE digital explore	2022	978-1-6654-5343-1	https://ieeexplore.ieee.org/document/10126786/



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12	Hybrid Reverse Propagation ANN Adaptive Algorithm Based Deep Learning Image Processing for Pneumonia Detection ”	Dr. Bharathi Gururaj	ECE	ACS Journal for Science and Engineering	2022	2582-9610	http://www.acsjsse.in/
13	Prediction of Ionospheric TEC during the Annular and Total Solar Eclipses that Occurred over Indonesia by Using OKSM and FFNN	Dr. R. Mukesh	AS	Cosmic Research	2023	0010-9525	https://link.springer.com/article/10.1134/S001095252360004X
14	Ionospheric TEC prediction using FFNN during five different X Class solar flares of 2021 and 2022 and comparison with COKSM and IRI PLAS 2017	Dr. R. Mukesh	AS	Journal of Applied Geodesy	2023	1862-9024	https://www.degruyter.com/document/doi/10.1515/jag-2023-0057/html



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15	Computational & Experimental analysis on Aerodynamic performance of Airfoil with split	Dr. V. Paramaguru	AS	The Korean Society of MECH Engineers	2023	1738-494X	https://www.dbpia.co.kr/Journal/articleDetail?nodeld=NODE11708532
16	Forward Flight Performance Analysis of Supercritical Airfoil in Helicopter Main Rotor	Inamul Hasan	AE	Intelligent Automation and Soft Computing	2022	1079-8587	https://file.techscience.com/ueditor/files/iasc/TSP_IASC-33-1/TSP_IASC_23252/TSP_IASC_23252.pdf
17	Aerodynamic Performance analysis of supercritical airfoil in helicopter main rotor blades	Inamul Hasan	AE	Transactions of the Canadian Society for MECH Engineering	2022	2816-5691	https://cdnsiencepub.com/doi/10.1139/tcsme-2021-0067
18	Computational study of aerodynamic Performance of three and four-bladed Helicopter rotor with supercritical airfoil	Inamul Hasan	AE	Journal of Environmental Protection and Ecology	2022	1311-5065	https://www.researchgate.net/publication/357622093_COMPUTATIONAL_STUDY_OF_AERODYNAMIC_PERFORMANCE_OF_THREE_AND_FOUR-BLADED_HELICOPTER_ROTOR_WITH_SUPERCRITICAL_AIRFOIL



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19	A Global Optimization Algorithm for Intelligent ElectroMECH Control System with Improved Filling Function	Inamul Hasan	AE	Scientific Programming	2022	1875-919X	https://www.hindawi.com/journals/sp/2022/3361027/
20	Computational & Experimental analysis on Aerodynamic performance of Airfoil with split	J Siva	AS	The Korean Society of MECH Engineers	2023	1738-494X	https://www.dbpia.co.kr/Journal/articleDetail?nodeld=NODE11708532
21	Computational & Experimental analysis on Aerodynamic performance of Airfoil with split	J Siva, Dr. C. Suresh and Dr. V. Paramaguru	AS	The Korean Society of MECH Engineers	2023	1738-494X	https://www.dbpia.co.kr/Journal/articleDetail?nodeld=NODE11708532
22	Performance, Combustion and Emission analysis of Jatropa oil of Biodiesel engine with nano additives: an experimental study.	Kumara B M	MECH	Acta Scientiae	2023	ISSN:1517-4492/E- ISSN:2178-7727, Vol 6, No.2(2023)	https://periodicosulbrabra.org/index.php/acta/article/view/85



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23	Support vector machine classifier optimized with seagull optimization algorithm for brain tumor classification	Lavanya, S., Annlin Jeba, S. V., Bhuvaneshwari, P., & Shajin, F. H.	BME	Concurrency and Computation: Practice and Experience	2023	15320626	https://doi.org/10.1002/cpe.7396
24	Ionospheric TEC prediction using FFNN during five different X Class solar flares of 2021 and 2022 and comparison with COKSM and IRI PLAS 2017	Mr. Vijay M	AS	Journal of Applied Geodesy	2023	1862-9024	https://www.degruyter.com/document/doi/10.1515/jag-2023-0057/html
25	Characterisation and feasibility study of potential energy for biogas yield from co-digestion of silkworm larval litter and cashew nut fruit	Murali M.S	ECE	International Journal of Ambient Energy	2022	0143-0750	https://onlinelibrary.wiley.com/journal/5928



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26	Influence of stacking sequence and orientation of the fabric on MECH properties of twill Kenaf/Kevlar reinforced unsaturated polyester hybrid composites	Murali M.S	ECE	Journal of Industrial Textiles	2022	1528-0837	https://journals.sagepub.com/home/JIT
27	Vector space modelling-based intelligent binary image encryption for secure communication	Raghavendra K	MATHEMATICS	Journal of Discrete Mathematical Sciences and Cryptography	2022		https://www.tandfonline.com/doi/abs/10.1080/09720529.2022.2075090
28	Generalization of Homeomorphism in Topological Space	Raghavendra K	MATHEMATICS	International Journal of Mathematics Trends and Technology	2022	2231-5373	https://ijmtjournal.org/public/assets/volume-68/issue-6/IJMTT-V68I6P510.pdf
29	ξ β - -Continuous and - -generalized Continuous Maps	Raghavendra K	MATHEMATICS	Neuroquantology	2022	1303-5150	https://www.neuroquantology.com/media/article_pdfs/Research_Paper.pdf



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30	Facile hydrothermal synthesis of cerium oxide/rGO nanocomposite for photocatalytic and supercapacitor applications	Selvanandan S.	PHYSICS	Applied Surface Science Advances	2022		https://www.sciencedirect.com/science/article/pii/S2666523922000976?via%3Dihub
31	Synthesis, crystal structure, Hirshfeld surface analysis, density function theory calculations and photophysical properties of methyl 4'-[(4-bromobenzoyl)oxy]biphenyl-4-carboxylate: A compound with bromine oxygen contacts	Selvanandan S.	PHYSICS	Acta Crystallographica Section E: Crystallographic Communications	2022	2056-9890	https://www.sciencedirect.com/org/science/article/pii/S2056989025000490
32	LITERATURE SURVEY ON ABNORMAL ACTIVITY DETECTION IN ATM USING DEEP LEARNING	SHARATH BABU CG	ECE	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH AND TRENDS IN ENGINEERING AND TECHNOLOGY	2022	2394-3785	WWW.ijartet.com



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33	ABNORMAL ACTIVITY DETECTION IN ATM USING DEEP LEARNING	SHARATH BABU CG	ECE	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN INNOVATIVE DISCOVERIES IN ENGINEERING AND APPLICATIONS	2022	2456-8805	https://ijrti.org/viewpaperforall.php?paper=IJRTI2302037
34	Performance enhancement of externally bonded reinforced concrete beams with 3D hooked-end steel fibres	Subashchandrabose R	CIVIL	Case Studies in Construction Materials	2022	2214-5095	https://www.sciencedirect.com/journal/case-studies-in-construction-materials
35	Reliability analysis of V-Trough Solar Air Heater (V TSAH) with thermal storage using Hourly Average Solar Insolation (HASI) data	SUNILRAJ B A	MECH	Elsevier	2023	ISSN: 2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S221478532205951X



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36	Influence of Silicon Carbide Particulates on Vibrational Characteristics for Al 7075 Composites	SURESH P M	MECH	SPRINGER NATURE	2023	40033-022-00446	https://link.springer.com/article/10.1007/s40033-022-00446-7
37	Tribological studies on aluminum beryl composites subjected to ECAP process	SURESH P M	MECH	Elsivier	2023	0043-1648	https://www.sciencedirect.com/science/article/abs/pii/S0043164823001588
38	A novel optic disc and optic cup segmentation technique to diagnose glaucoma using deep learning convolutional neural network over retinal fundus images	T Senthil Kumaran	CSE	Journal of King Saud University - Computer and Information Sciences	2022	1319-1578	https://www.sciencedirect.com/journal/journal-of-king-saud-university-computer-and-information-sciences



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39	Prediction of QoS Data for Various Sensors Using AI Algorithms	T Senthil Kumaran	CSE	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	2022	2147-6799214	https://ijisae.org/index.php/IJISAE/index
40	Improved Congestion Control in Wireless Sensor Networks Using Clustering with Metaheuristic Approach	T Senthil Kumaran	CSE	Journal of Interconnection Networks	2023	2192-659X	https://www.worldscientific.com/doi/abs/10.1142/S0219265922500050
41	Congestion Detection and Alleviation Mechanism Using Multi-Level Cluster Based Cuckoo Hosted Rider Search Multi-Hop Hierarchical Routing Protocol in WSN	T Senthil Kumaran	CSE	Journal of Circuits, Systems and Computers	2023	0218-1266	https://www.worldscientific.com/doi/abs/10.1142/S0218126623501621


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