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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 - 2025 - 2026							
1	Numerical Analysis of Low-speed Characteristics of Blended Wing Body Aircraft using Laminar Flow Airfoil and Supercritical Airfoil	Ganesh.R	AE	International Journal of Vehicle Structures and Systems (IJVSS)	2025	0975 3060	https://yanthrika.com/eja/index.php/ijvss/issue/view/180
2	Drag and Thermal Analysis of Hypersonic Aerospikes with Lateral Jets Using HiFUN	Mohana pratheep A.	AS	American Institute of Aeronautics and Astronautics	2025	1533-6794	http://arc.aiaa.org/doi/10.2514/1.A.36496
3	Supersonic Aerodynamic Enhancement of Swept-Forward and Swept-Back Grid Fins Using HiFUN	Ramanan G,	AE	Journal of Spacecrafts and Rockets	2025	1533-6794	https://arc.aiaa.org/toc/jsr/0/0
4	Analysis of the Effect of Swept-Back Grid Fins on the Aerodynamic Characteristics of a Supersonic Missile Using HiFUN CFD Software	Dr. C. Suresh	AS	Journal of Aeronautics, Astronautics and Aviation	2025	1990-7710	https://www.airitilibrary.com/Article/Detail/P20140627004-N202506060009-00001



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5	Experimental Study of Woven Glass, Bamboo, and Jute Fibre Reinforced in Epoxy Composites	A Anand	AE	Mechanics of Advanced Composite Structures	2025	2423-4826	https://macs.semnan.ac.ir/?_action=press&issue=-1&_is=Articles%20in%20Press
6	Influence of Axial Spacing on Single-Stage Compressor Cascade Performance.	Albert Allen D. Mello	AE	Advances in Science, Technology & Innovation	2025	2522-8722	https://link.springer.com/book/10.1007/978-3-031-76937-5?page=2#toc
7	Performance Analysis of MIMO-OTFS with Advanced Detection Techniques for High-Mobility Wireless Communication	Anitha S	BME	East African Journal of Science, Technology and Innovation	2025	27070425	https://www.eajsti.org/index.php/EAJSTI/article/view/1474/370
8	A Hybrid Machine Learning Model for Peripheral Artery Disease Prediction and Real-Time Applications	Anitha S	BME	Engineering, Technology & Applied Science Research	2025	1792-8036	https://etasr.com/index.php/ETASR/article/view/10354/5069



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9	VigilNet: An Adaptive Context-Based Lossless Data Compression Framework for IoT-Enabled Women's Safety Systems	Divya P	CSE	Advances in Intelligent Systems Research	2025	1951-6851	https://www.atlantis-press.com/proceedings/series/aisr
10	Operational Consolidation of Adaptive Compression and Data Stream Simplification to Enhance IoT-based Women's Safety Applications	Divya P	CSE	International Journal of Electronics and Communication Engineering	2025	2348-8549	https://doi.org/10.14445/23488549/IJECE-V12I4P117
11	Drag and Thermal Analysis of Hypersonic Aerospikes with Lateral Jets Using HiFUN	Dr. C. Suresh	AS	American Institute of Aeronautics and Astronautics	2025	1533-6794	http://arc.aiaa.org/doi/10.2514/1.A.36496
12	Experimental analysis and development of novel drying kinetics model for drying grapes in a double slope solar dryer	Dr. Elavarasan Elangovan	AS	Renewable Energy	2025	1879-0682	https://www.sciencedirect.com/science/article/pii/S0960148124015763?via%3Dihub



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13	Numerical and experimental investigations on a thermoelectric generator for electric power generation from waste heat recovery in a combined cycle power plant – an energy and economic (2E) analysis	Dr. Elavarasan Elangovan	AS	Transactions on Energy Systems and Engineering Applications	2025	2745-0120	https://revistas.utb.edu.co/tesea/article/view/643
14	Pregnancy monitoring system using GSM Module	Dr. P. Bhuvaneshwari	BME	International journal of Multi disciplinary research in science engineering and Technology	2025	-	https://ijmrset.com/upload/71_Pregnancy
15	Enhanced UAV localization in GPS-denied environments using acoustic TDOA and EKF integration	Dr. T. Ayyasamy	AS	Intelligent Service Robotics	2025	1861-2784	https://link.springer.com/article/10.1007/s11370-024-00584-9
16	Influence of Axial Spacing on Single-Stage Compressor Cascade Performance.	Ganesh.R,	AE	Advances in Science, Technology & Innovation	2025	2522-8722	https://link.springer.com/chapter/10.1007/978-3-031-76937-5_24#:~:text=Thus%2C%20the%20optimal%20axial%20spacing,the%20rotor%20and%20stator%20blades.



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17	Enhancing Electron Beam Welding Parameters of Ni-Cr-718 Alloy using Taguchi based grey Relational Analysis.	Ganesh.R,	AE	Intelligent Manufacturing and Energy Sustainability	2025	2190-3018	https://link.springer.com/book/9789819647170
18	Influence of Axial Spacing on Single-Stage Compressor Cascade Performance.	Ganesh.R,	AE	Advances in Science, Technology & Innovation	2025	2522-8722	https://link.springer.com/book/10.1007/978-3-031-76937-5?page=2#toc
19	Optimization of robotic spray painting trajectories using machine learning for improved surface quality	M. Karuppasamy	CY	Scientific Reports	2025	2045-2322	https://www.nature.com/articles/s41598-025-03448-z.pdf
20	Analysis of the Effect of Swept-Back Grid Fins on the Aerodynamic Characteristics of a Supersonic Missile Using HiFUN CFD Software	Mohana pratheep A.	AS	Journal of Aeronautics, Astronautics and Aviation	2025	1990-7710	https://www.airitilibrary.com/Article/Detail/P20140627004-N202506060009-00001



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21	Ionospheric TEC forecast using universal kriging and recurrent neural network over low-latitude during the X class solar flares occurred in the year 2024	Mr. Vijay M	AS	Journal of Space Safety Engineering	2025	2468-8967	linkinghub.elsevier.com/retrieve/pii/S2468896725000278
22	Influence of Axial Spacing on Single-Stage Compressor Cascade Performance.	Ramanan.G,	AE	Advances in Science, Technology & Innovation	2025	2522-8722	https://link.springer.com/chapter/10.1007/978-3-031-76937-5_24#:~:text=Thus%2C%20the%20optimal%20axial%20spacing,the%20rotor%20and%20stator%20blades.
23	Enhancing Electron Beam Welding Parameters of Ni-Cr-718 Alloy using Taguchi based grey Relational Analysis.	Ramanan.G,	AE	Intelligent Manufacturing and Energy Sustainability	2025	2190-3018	https://link.springer.com/book/9789819647170
24	Influence of Axial Spacing on Single-Stage Compressor Cascade Performance.	Ramanan.G,	AE	Advances in Science, Technology & Innovation	2025	2522-8722	https://link.springer.com/book/10.1007/978-3-031-76937-5?page=2#toc



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25	Investigation on MECH and Microstructural Analysis of Friction Stir Welded Aluminium Reinforced with Zinc Powder	Ramanan.G,	AE	International Journal of Vehicle Structures and Systems (IJVSS)	2025	0975 3060	https://yanthrika.com/eja/index.php/ijvss/issue/view/181 index.php/ijvss/issue/view/180
26	Optimizing the cyber-physical intelligent transportation system network using enhanced models for data routing and task scheduling	Srinivasa Gowda G. K	CSE	Digital Communications and Networks	2026	2352-8648	https://www.sciencedirect.com/science/article/pii/S2352864825000057
27	Ladybug Beetle Optimized Multi-Granularity Gated Temporal Convolutional Network for 5G Resource Allocation	T Senthil Kumaran	CSE	International Journal of Communication Systems	2026	1099-1131	https://onlinelibrary.wiley.com/doi/10.1002/dac.70426  PRINCIPAL ACS COLLEGE OF ENGINEERING Kambipura, Mysore Road, Kengeri Hobli Bangalore-560074
28	Supersonic Aerodynamic Enhancement of Swept-Forward and Swept-Back Grid Fins Using HiFUN	Theerthamalai P	AE	Journal of Spacecrafts and Rockets	2025	1533-6794	https://arc.aiaa.org/toc/jsr/0/0