

Sri Krishna College of Engineering and Technology (SKCET) — Complete Publication List (2021–2026)

S.No	Author Name	Title of Paper	Publication MM-YYYY	Document Type	Source / Journal	DOI
1	Srinivasan, Abinayaa Sennanur	A Hybrid Whale Optimization and XGBoost Framework for Accurate Prediction of Type 2 Diabetes Mellitus	Jan-2026	Article	Bangladesh Journal of Medical Science	10.3329/bjms.v25i1.86405
2	Gowthamani, R.	A Novel graph-embedded musical chairs optimization with secure elliptic encryption framework for intelligent edge computing in healthcare iot networks	2026	Article	Journal of Industrial Information Integration	10.1016/j.jii.2025.101007
3	Oswalt Manoj, S.	A Semi-Supervised Deep Learning Approach for Intrusion Detection and Classification for the Internet of Things	2026	Article	Biomedical Materials and Devices	10.1007/s44174-025-00321-5
4	Preethi, N.	A study on Pythagorean fuzzy digital feeble centred structure compactification	Jan-2026	Article	Journal of Interdisciplinary Mathematics	10.47974/JIM-2414
5	Baskaran, J.	AAJC parameter interaction and hybrid abrasives investigation on processed Ti-Alloy fibre laminate	2026	Article	Materials and Manufacturing Processes	10.1080/10426914.2025.2586499
6	Dhandapani, Mohana Geetha	Adaptive Residual Recurrent Neural Network with Heuristic Optimization for Spectral Energy Balancing in 6G Massive MIMO Systems	Dec-2026	Article	International Journal of Computational Intelligence Systems	10.1007/s44196-025-01106-w
7	Abinayaa, S.S.	Advanced fault diagnosis in analog and digital VLSI circuits utilizing multi-anchor space-aware temporal convolutional neural network for efficient circuit reliability assessment	Mar-2026	Article	Integration	10.1016/j.vlsi.2025.102631
8	Shanmugasundaram, N.	Binder optimization and surface texture effects on enhanced bonding performance of fiber-reinforced ECC in repair applications	2026	Article	Journal of Building Pathology and Rehabilitation	10.1007/s41024-025-00730-5
9	Nithyanandhan, Thangavel	Comparative Evaluation of Microstructural, Mechanical and Tribology Properties of ER4043 and ER4047 Aluminum Alloys Fabricated by TIG-based Wire Arc Additive Manufacturing	2026	Article	Journal of Materials Engineering and Performance	10.1007/s11665-026-13501-1
10	Krishnan, Loganathan Navaneetha	Design and intelligent tuning of a proportional–integral–derivative controller for an armature-controlled DC motor	2026	Article	International Journal of Advanced Technology and Engineering Exploration	10.19101/IJATEE.2025.121220008
11	Gowthaman, Naveenbalaji	Designing of Cylindrical Surrounding Double-Gate MOSFETs at Nanotechnology Scale from Double-Gate MOSFETs: Advancements of Silicon Semiconductor Devices	2026	Article	Journal of Electrical Engineering and Technology	10.1007/s42835-026-02589-z
12	Seenivasan, Madhankumar	Drying kinetics, energy, exergy, and economic aspects of indirect solar dryer with phase change material	2026	Article	Solar Energy	10.1016/j.solener.2025.114287

13	Sabitha, R.	Energy harvesting using piezoelectric sensors for extremely low-power Internet of Things use cases	2026	Article	Mechanics of Advanced Materials and Structures	10.1080/15376494.2025.2608935
14	Rani, P. Kavitha	Energy-Efficient Cluster Head Selection and Multipath Routing in WSN Using Heterogeneous-Hyper Graph Neural Network and Velocity Paused Particle Swarm Optimization	2026	Article	International Journal of Communication Systems	10.1002/dac.70263
15	Narayanan, Babu	Enhanced Machinability of Additively Manufactured Copper with Diamond-Like Carbon (DLC)-Coated Tools: An Experimental Investigation	2026	Article	Journal of Materials Engineering and Performance	10.1007/s11665-025-12125-1
16	Soundararajan, Ranganathan	Enhanced tribological performance of AA5083-based surface composites with MoS2 and graphene through FSP route	2026	Article	Welding International	10.1080/09507116.2026.2621056
17	Chelladurai, Samson Jerold Samuel; N, Aravindkumar	Enhancement of mechanical properties in LM13 aluminum alloy using hybrid ZrB2 and B4C reinforcements via stir casting	2026	Article	Particulate Science and Technology	10.1080/02726351.2025.2582575
18	R. B, Jeen Robert	Enhancing Flax fabric composites by reinforcement of sea shell filler and epoxy matrix integration	2026	Article	Journal of the Textile Institute	10.1080/00405000.2026.2615766
19	Sathishkumar, A.; Soundararajan, Ranganathan	Evaluation of Mechanical and Tribological Performances of MWCNTs and Gr Particles Addition on the A360 Aluminum Alloy Produced Through Stir Casting Method	2026	Article	International Journal of Metalcasting	10.1007/s40962-026-01868-9
20	Kumar, K. Senthil	Experimental analysis on two stage scroll compressor using R32 refrigerant with and without vapour injection in heat pump	2026	Article	International Journal of Air-Conditioning and Refrigeration	10.1007/s44189-025-00091-1
21	Sundaram, Raja Soma	Fabrication and Characterization of Bamboo Fiber/Carbon nanotubes/Graphene oxide Reinforced Polyethylene glycol Composites for Advanced Packaging Applications	2026	Article	Next Materials	10.1016/j.nxmte.2025.101488
22	Vargheese, Lijo Jacob	Harmonic distortion reduction and dynamic stability in PMSG-CHBI wind energy systems via a dual optimization–prediction approach	2026	Article	Scientific Reports	10.1038/s41598-026-35707-y
23	Ponnusamy, Vinoth Kumar	Health Information Exchange in Malaysia: Leveraging Interoperability on International Standards for Health Data Exchange	2026	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACSA.2026.0170126
24	Soundararajan, Ranganathan; Narasimharaj, V.	High-frequency EMI shielding and load bearing performances of PVA composite reinforced with Cissus quadrangularis fiber and ultra-porous nutmeg husk biochar	2026	Article	Polymer Bulletin	10.1007/s00289-025-06141-3
25	Subramani, Sivaranjani	INVESTIGATION AND DEVELOPMENT OF A MULTILEVEL INVERTER WITH A 29-LEVEL REDUCED SWITCH COUNT	2026	Article	Kufa Journal of Engineering	10.30572/2018/KJE/170126

26	Rajendran, Chinnasamy	Influence of Solution Treatment and Artificial Aging on the Strength of LM13 Reinforced with Titanium Diboride Metal Matrix Composite	2026	Article	Journal of Materials Engineering and Performance	10.1007/s11665-025-11862-7
27	Rajendran, Chinnasamy	Influence of tool pin profile on the microstructure and mechanical properties of friction stir welded copper/brass dissimilar joints	2026	Article	Transactions of the Canadian Society for Mechanical Engineering	10.1139/tcsme-2025-0143
28	Senthil Kumar, K.	Integrated evaluation of direct-expansion solar-assisted heat pump systems with climate-compatible refrigerants using life cycle impact and cost metrics	2026	Article	Energy and Buildings	10.1016/j.enbuild.2026.117217
29	Jaisiva, Selvaraj	Intelligent Energy Management for EV Charging in Renewable Energy Based Microgrids Using Advanced Hybrid Fuzzy-PI Controller	2026	Article	IET Renewable Power Generation	10.1049/rpg2.70196
30	Rajendran, Chinnasamy	Investigating the microstructural features and tensile properties of friction stir welded electrolytic tough pitch copper joints	2026	Article	Canadian Metallurgical Quarterly	10.1080/00084433.2025.2471102
31	Shankar, M.	Investigation on growth, structural, spectral and nonlinear properties of novel Mannich base material 1-((benzylamino)(phenyl)methyl)naphthalen-2-ol	2026	Article	Journal of Molecular Structure	10.1016/j.molstruc.2025.144663
32	Sujatha, T.	LUNG EFFGHOST V-NET: AN ENHANCED NOVEL MODEL FOR PRECISE LUNG CANCER SEGMENTATION AND DETECTION	2026	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2025.108430
33	Lakshmi Praba, S.; Nandhanaa, K.S.; Ponnusamy, Vinoth Kumar; Tamilselvan, Kesavan	Leveraging Generative AI in Vehicles for Enhanced Driver Safety and Advanced Communication Systems	2026	Article	Journal of Applied Data Sciences	10.47738/jads.v7i1.809
34	Soundararajan, Ranganathan; Feroz Ali, L.	Mechanical and functional performance of epoxy composites reinforced with cluster bean fibers and balloon vine stem lignin	2026	Article	Polymer Bulletin	10.1007/s00289-025-06123-5
35	Chelladurai, Samson Jerold Samuel	Microstructure, Mechanical, Wear and Corrosion Properties of Heat-Treated Mg-3Zn-0.5Ca-0.5Y Alloy for Biomedical Applications	2026	Article	International Journal of Metalcasting	10.1007/s40962-026-01895-6
36	Mohana Geetha, D.	Miniaturized Metamaterial Loaded Multiband Antenna for Sub-6 GHz Applications	Apr-2026	Article	Indian Journal of Pure and Applied Physics	10.56042/ijpap.v63i6.15435
37	Singh, Ajith.B.	Multilayer Ag–Au–BP–TIBr–FASnI3 Kretschmann surface plasmon resonance biosensor for high sensitivity refractive index analysis: A computational and machine learning approach	2026	Article	Analytica Chimica Acta	10.1016/j.aca.2025.344991

38	Shanmugam, Nithyadevi	Numerical modeling and machine learning optimization of a multilayer Cu/BaTiO ₃ /ZnSe SPR biosensor for quantitative glucose detection in diabetes management	Apr-2026	Article	Microchemical Journal	10.1016/j.microc.2026.117418
39	Seenivasan, Madhankumar	Performance and drying kinetics of solar dryer with sinusoidal absorber plate and thermal energy storage	2026	Article	Solar Energy	10.1016/j.solener.2026.114319
40	Ramakrishnan, Subramaniam	Performance of silica fume concrete reinforced with glass, jute, and hemp fibers under simulated acid attack	2026	Article	Revista Materia	10.1590/1517-7076-RMAT-2025-0782
41	Kumar, G Jaya	Post-Fire Flexural Behavior of Cold-Formed Steel Built-up Beams with Stiffeners and Fire-Resistant Coatings: Experimental and Numerical Study	2026	Article	Journal of Materials Engineering and Performance	10.1007/s11665-026-13339-7
42	Velmurugan Parameswari, Srinivasan	Production of rubber seed oil biodiesel using biomass derived catalyst and engine performance, combustion and emission characteristics with hydrogen dual fuel and alumina additive	2026	Article	Applied Thermal Engineering	10.1016/j.appltherm.2025.129402
43	Banupriya, K.	Regioselectivity and steric effects in the phosphorus oxychloride-mediated synthesis of methyl-substituted dibenzo-naphthyridines	2026	Article	Journal of Molecular structure	10.1016/j.molstruc.2026.145406
44	Ramaswamy, Ramesh Kumar	SCSN-Net: Siamese convolutional spiking neural network for childhood medulloblastoma detection using microscopic images	2026	Article	Knowledge-Based Systems	10.1016/j.knosys.2026.115357
45	Banupriya, K.	SYNTHESIS, CHARACTERIZATION, ANTIOXIDANT AND BIOMOLECULAR INTERACTION OF TRIVALENT SAMARIUM COMPLEX OF CYCLOHEXANE-1,4 DICARBOXYLIC ACID AS A PRECURSOR FOR NANOSIZED CARBONATES	2026	Article	Bulletin of the Chemical Society of Ethiopia	10.4314/bcse.v40i5.9
46	Maruthi Shankar, B.	Securing 5G Networks: An Anomaly Detection System Empowered by Bidirectional 3D Quasi-Recurrent Neural Network	2026	Article	Journal of Circuits, Systems and Computers	10.1142/S0218126625503621
47	Anantraj, I.	Sensory capabilities of substances analysis of piezoelectricity for healthcare	2026	Article	Mechanics of Advanced Materials and Structures	10.1080/15376494.2025.2601272
48	Nanthini, N.; Ramkumar, M.	Smooth Gyrate Texel Quadrivium Network for 3D Retinal OCT Image Compression	Jan-2026	Article	Journal of Clinical Ultrasound	10.1002/jcu.70187
49	Jaisiva, Selvaraj	Solar photovoltaic feed-in tariffs: viability analysis and policy recommendations	2026	Article	Scientific Reports	10.1038/s41598-025-32105-8
50	Balamurugan, Samraj	Solar radiation powered biodiesel synthesis using C&D waste catalyst – a novel approach	2026	Article	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089241239313

51	Chelladurai, Samson Jerold Samuel	Study on the mechanical behaviour of LM24 alloy reinforced with ZrB2 and fly ash hybrid composites using stir casting technique	2026	Article	Canadian Metallurgical Quarterly	10.1080/00084433.2025.2487741
52	Soundararajan, Ranganathan; Narasimharaj, V.	Sustainable food packaging materials: PLA composites reinforced with Parthenium hysterophorus lactones and river tamarind bark microfibr	2026	Article	Polymer Bulletin	10.1007/s00289-025-06132-4
53	Gurujothi, Selina Ruby	Sustainable pavement construction through reclaimed asphalt pavement and supplementary cementitious materials	2026	Article	European Journal of Environmental and Civil Engineering	10.1080/19648189.2025.2561017
54	Vishnu Murthy, K.; Jeen Robert, R.B.	Sustainable valorisation of end-of-life solar panel EVA into super-hydrophobic coating for construction applications	2026	Article	Results in Engineering	10.1016/j.rineng.2026.109649
55	Selvi, C. Thirumarai	Synergistic integration of MWCNT-decorated MnFe2O4/MoS2 composite electrode for high-performance asymmetric supercapacitors	Jan-2026	Article	Ionics	10.1007/s11581-025-06809-w
56	Balamurugan, Samraj	Synthesis of biodiesel from the composite oil and process parameters optimization using artificial neural network	2026	Article	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089241239508
57	Sujatha, T.	TFSCA_MRCNN: A dense shuffle-grouped dilated convolutional framework for efficient breast cancer image segmentation	2026	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2025.108508
58	Suresh, R.	Towards accurate diabetic retinal disease detection using advanced deep metric learning	2026	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2025.109127
59	N.S., Abinaya	Trustworthy AI framework for Salmon disease detection using replay-enhanced selective network with incremental learning	2026	Article	Aquaculture	10.1016/j.aquaculture.2025.743438
60	Velmurugun Parameswari, Srinivasan	UNVEILING THE TENSILE AND FLEXURAL BEHAVIORS OF INFLORESCENCE/SISAL FIBER-FORTIFIED HYBRID EPOXY COMPOSITES	2026	Article	Surface Review and Letters	10.1142/S0218625X25501008
61	Ramya, Karnam Chandrakumar	Ultra-wideband and angular-stable terahertz absorber with thermal stability for solar-thermal applications	2026	Article	Current Applied Physics	10.1016/j.cap.2025.11.016
62	Ramya, Karnam Chandrakumar	Ultra-wideband and thermally stable absorber for advanced solar energy harvesting applications	2026	Article	Physica B: Condensed Matter	10.1016/j.physb.2025.418176
63	Nithyanandhan, Thangavel	Valorization and development of Caryota urens mat fiber and sterculia foetida fruit shells biocarbon vinyl ester composite	2026	Article	Polymer Bulletin	10.1007/s00289-026-06288-7
64	Seenivasan, Madhankumar	Thermal energy storage-centric solar drying with phase change materials: Intelligent optimization via neural and evolutionary regression models	2026	Review	Journal of Energy Storage	10.1016/j.est.2025.119192

65	Vanitha, U.	Exploring Applications and Challenges in Emerging Memory Architectures	Jan-2026	Conference Paper	Springer Proceedings in Physics	10.1007/978-3-032-09633-3_56
66	Geetha, D. Mohana	Transforming Patient Care Machine Learning and Biomedical Data for Adaptive and Real-Time Healthcare Solutions	Feb-2026	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-3-032-18141-1_18
67	Muneeswaran, Jayasudhan (SKCT Student); Palanisamy, Sriram (SKCT Student); Gowthaman, Naveenbalaji; Shanmugam, Manoj	6G-Based Secure VR-Digital Twin Framework for Personalized Mental Health Care	2026	Book Chapter	Signals and Communication Technology	10.1007/978-981-95-1683-4_10
68	Devi, B. Subadra	Consumer Perceptions and Purchasing Behavior Towards Organic Food: Influence of Socioeconomic and Psychological Factors	2026	Book Chapter	Studies in Systems, Decision and Control	10.1007/978-3-032-02056-7_76
69	Bhuvaneswari, M.	IoT Fusion: Empowering Decision-Making with Integrated Intelligence	2026	Book Chapter	Signals and Communication Technology	10.1007/978-3-031-89700-9_2
70	Kiruthika, S.; Gowthaman, Naveenbalaji; Sathya Bama, S.	Secure and Explainable Federated Learning for Credit Risk Prediction in Decentralized Financial Systems	2026	Book Chapter	Studies in Big Data	10.1007/978-3-032-02428-2_18
71	Gowthaman, Naveenbalaji; Shanmugam, Manoj	Sustainable Trust-Based Tourism System (STBTS) a Hybrid AI-Blockchain Model for Smart and Ethical Travel	2026	Book Chapter	Studies in Big Data	10.1007/978-3-032-02428-2_16
72	Periyasamy, Yuvaraj Kunnathur	Validation of robots and artificial intelligence inside agriculture domain	2026	Book Chapter	Robotics and Intelligent Machines in Smart Agriculture: Emerging Systems and Applications	10.1201/9781003562627-10
73	Deepa Kanmani, S.	2D convolution neural network-based efficient model for brain tumor detection using 5G Edge Cloud	Apr-2025	Article	Advances in Computers	10.1016/bs.adcom.2025.03.025
74	Sathishkumar, N.	6G -enabled qubit-based concealed communication with AI-driven breach detection in autonomous fleets	Dec-2025	Article	Scientific Reports	10.1038/s41598-025-26667-w
75	Yuvaraj, Kunnathur Periyasamy	A Detailed Study on using Novel LM 25 Aluminium Alloy Hybrid Metal Matrix Nanocomposite for Nuclear Applications	2025	Article	Recent Patents on Nanotechnology	10.2174/0118722105286121240214062457
76	Venkata Lakshmi, S.	A Novel Multi-Scale Boundary Guide Model for Ultrasound Breast Lesion Segmentation	2025	Article	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	10.1007/s40998-025-00916-0

77	Vigneshkumar, Murugesan	A Novel Plasma Spray NiCr/Al ₂ O ₃ and Cr ₂ C/Al ₂ O ₃ Coating Design for Hot Corrosion Prevention and to Enhance the Efficiency in Boiler Tubes	2025	Article	Malaysian Journal of Chemistry	10.55373/mjchem.v2713.602
78	Pradeep, G.	A Smart Blockchain-Based Privacy-Preserving Machine Learning Scheme in IoT Healthcare; [نظام للحفاظ على الخصوصية Blockchain تعلم آلي ذكي قائم على تقنية]	2025	Article	Baghdad Science Journal	10.21123/2411-7986.4978
79	K, Kumar	A cost model analysis in the process of refining petroleum using supplementary variable technique	2025	Article	Mathematical Models in Engineering	10.21595/mme.2025.24636
80	Ramya, Karnam Chandrakumar	A facile hydrothermal synthesis of MnCo ₂ O _{4.5} /MoS ₂ nanocomposite for supercapacitor	2025	Article	Journal of Materials Science: Materials in Electronics	10.1007/s10854-025-15294-w
81	Karthikeyani, S.; Muthukrishnan, Ramkumar; Sivasubramanian, Sasipriya	A framework for detecting high-performance cardiac arrhythmias using deep inference engine on FPGA and higher-order spectral distribution	Apr-2025	Article	Mechanical Systems and Signal Processing	10.1016/j.ymsp.2025.112445
82	Veetil, Vineeth Vellora	A modified advanced encryption standard based on lora for monitoring and protecting distributed systems	2025	Article	Ain Shams Engineering Journal	10.1016/j.asej.2025.103676
83	Pradeep, S.	A state dependent arrival analysis in a non-Markovian bulk queue with server failures	2025	Article	International Journal of Operational Research	10.1504/IJOR.2025.146925
84	Ramakrishnan, Subramaniam	A study on the strength and durability of cement mortar featuring partial brick powder replacement: economic and sustainability implications	2025	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0792
85	Kirubha, M.	ADAPTIVE DECISION-DRIVEN FRAMEWORK FOR FERTILISER OPTIMISATION USING AGROANALYTICS IN TROPICAL AGRICULTURE	2025	Article	Biology and Environment	10.1353/bae.2025.a979368
86	Ramaswamy, Ramesh Kumar; Elwin, J. Granty Regina; Susila, N.	AI-based federated learning for 6G networks	2025	Article	Advances in Computers	10.1016/bs.adcom.2025.03.023
87	Ponnusamy, Vinoth Kumar	AIoT-Based Waste Classification for Solid Waste Management to Accomplish the SDGs	2025	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACSA.2025.0160866
88	Malini, T.	ANN-based fault classification and localization with optimized PMU deployment for transmission systems	2025	Article	Scientific Reports	10.1038/s41598-025-24955-z
89	Karpagam, Mysamy	ARTIFICIAL INTELLIGENCE-EMPOWERED DIGITAL TWINS FOR SIMULATION-DRIVEN SECURITY, PRIVACY, AND RESILIENCY OPTIMIZATION IN 6G NETWORKS	Dec-2025	Article	Archives for Technical Sciences	10.70102/afts.2025.1834.1006

90	Amose, John	Acoustic analysis of chronic obstructive pulmonary disorder using transfer learning: a three-class problem	2025	Article	International Journal of Innovative Computing and Applications	10.1504/IJICA.2025.148627
91	Kandasamy, Jeevitha	Adaptive fuzzy-recurrent neural network tuned fractional-order distributed control for robust frequency regulation in multi-microgrid systems	2025	Article	Scientific Reports	10.1038/s41598-025-18242-0
92	Radhika, A.	Advanced energy management for a Quasi-Z-Source Inverter-based photovoltaic power plant with battery storage using a hybrid LEO-QCGNN approach	2025	Article	Journal of Energy Storage	10.1016/j.est.2025.117880
93	Sathishkumar, N.	Advanced finite segmentation model with hybrid classifier learning for high-precision brain tumor delineation in PET imaging	Jun-2025	Article	Scientific Reports	10.1038/s41598-025-09638-z
94	Sabitha, R.	Advances in Software-Defined Wireless Networks (SDWN): Solutions for Flexible and Scalable Communication	2025	Article	National Journal of Antennas and Propagation	10.31838/NJAP/07.01.22
95	Ananth, John Patrick; Manoj, S. Oswalt	An Adaptive Salp-Stochastic-Gradient-Descent-Based Convolutional LSTM With MapReduce Framework for the Prediction of Rainfall	2025	Article	International Journal of Interactive Multimedia and Artificial Intelligence	10.9781/ijimai.2024.01.003
96	Muthukrishnan, Ramkumar	An Efficient Fusion of Infrared and Visible Images Using an Optimized Deep Learning Model with Decomposed Non-subsampled Shearlet Structural Patch Transform	Jun-2025	Article	New Generation Computing	10.1007/s00354-025-00292-7
97	Muthukrishnan, Ramkumar	An Efficient Fusion with Infrared and Visible Images for Deep Learning Based Adversarial Attack Detection	Sep-2025	Article	Circuits, Systems, and Signal Processing	10.1007/s00034-025-03301-8
98	Muthukrishnan, Ramkumar; Ravichandran, Sarath Kumar	An Efficient Lightweight Multi Head Attention Gannet Convolutional Neural Network Based Mammograms Classification	Feb-2025	Article	International Journal of Medical Robotics and Computer Assisted Surgery	10.1002/rcs.70043
99	Kandasamy, Ramesh	An Initial Risk Assessment for Multimodal with LSTM-Based Trust Evaluation Framework for Autonomous Vehicle Security	2025	Article	SN Computer Science	10.1007/s42979-025-03703-0
100	Kannaki, S.	An Intelligent Approach for Efficient Demand Side Management Based on Price in Smart Grids Using Advanced Metering Infrastructure Frameworks for Rural Electrification	2025	Article	Journal of Electrical Engineering and Technology	10.1007/s42835-025-02311-5
101	Vidhya, D.	An Investigation into Fuzzy g^*b -Closed Sets and g^*b -Continuous Mappings within the Framework of Fuzzy Topological Spaces	2025	Article	Proyecciones	10.22199/issn.0717-6279-5164
102	Yasir Abdullah, R.; Nisha, U. Barakkath	An architectural framework for interoperable security anomaly detection in edge computing and SDN using gradient-boosted trees	2025	Article	International Journal of Grid and Utility Computing	10.1504/IJGUC.2025.148540

103	Yasir Abdullah, R.; Nisha, U. Barakkath	An exploration of edge-based energy harvesting and routing strategies to enhance communication efficiency in IoT networks	2025	Article	International Journal of Grid and Utility Computing	10.1504/IJGUC.2025.148545
104	Sujaritha, M.	An ideal deeply contextual prediction model for an effective prediction and mitigation of cyberbullying in social networks	2025	Article	International Journal of Information Technology (Singapore)	10.1007/s41870-024-02350-7
105	Seenivasan, Madhankumar	Analysis of thermal performance and drying kinetics of indirect solar drying under natural and forced convection	2025	Article	Solar Energy	10.1016/j.solener.2025.113767
106	Shanmugavel, Krishnaprakash	Application of Neutrosophic SuperHyperSoft Sets in MADM	2025	Article	Neutrosophic Sets and Systems	10.5281/zenodo.15314856
107	Soundararajan, Ranganathan	Appraisal of Mechanical and Tribological Behaviour of Polyamide 6 with Carbon Fibre-Filled Composites Fabricated Through Fused Deposition Modelling	2025	Article	Journal of The Institution of Engineers (India): Series D	10.1007/s40033-024-00735-3
108	Kaliyamoorthy, Ananthi	Assessing the Thermal Insulation Properties of Thermoplastic Bricks for Energy-Efficient Building Solutions	2025	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0583
109	Ponnusamy, Vinoth Kumar	Automated laser machining and electro chemical honing of stellite alloy	2025	Article	Interactions	10.1007/s10751-025-02270-3
110	Balamurugan, Samraj	Biodiesel synthesis from composite oil utilizing banana peel (<i>Musa paradisiaca</i>) derived catalyst and process parameter optimization using particle swarm method	2025	Article	Journal of the Indian Chemical Society	10.1016/j.jics.2025.101664
111	Rejina Parvin, J.; Vanitha, U.	CAUSE OF RESIDUAL NODE IN WSN AND NETWORK OPTIMIZATION	2025	Article	Journal of Theoretical and Applied Information Technology	-
112	Raghunathan, Gopinathan	Certain investigations on performance analysis of different converter designs for smart micro-grid systems	2025	Article	International Journal of Power Electronics and Drive Systems	10.11591/ijpeds.v16.i1.pp431-439
113	Sundaram, Raja Soma	Characterization of functional bio-plasticizer from <i>Millettia pinnata</i> leaf biomass as a green alternative to petroleum-based plasticizers	2025	Article	Macromolecular Research	10.1007/s13233-025-00431-5
114	Packiaraj, Sankaran	Chitosan (CTS) induced secondary metabolite production in <i>Canscora decussata</i> Schult. - An endangered medicinal plant	2025	Article	Kuwait Journal of Science	10.1016/j.kjs.2024.100306
115	Sangeetha, Meenakshisundram	Chitosan-coated silver nanoparticles synthesized using <i>Moringa oleifera</i> flower extract: A potential therapeutic approach against triple-negative breast cancer	2025	Article	International Journal of Biological Macromolecules	10.1016/j.ijbiomac.2025.145995

116	Abirami, S.; Kandasamy, Ramesh	Classification and Pixel Change Detection of Brain Tumor Using Adam Kookaburra Optimization–Based Shepard Convolutional Neural Network	2025	Article	NMR in Biomedicine	10.1002/nbm.5307
117	Athikesavan, Venkatraj	Co-doping in manganese ferrite nanoparticles: tailoring structural, electrical, and magnetic properties for visible light-driven enhanced catalytic dye degradation applications	2025	Article	Journal of Materials Science: Materials in Electronics	10.1007/s10854-025-15948-9
118	Rajendran, Chinnasamy	Comparative analysis of shear load on single side and double side friction stir welded AA2014 joints	2025	Article	Journal of Adhesion Science and Technology	10.1080/01694243.2025.2560030
119	Seenivasan, Madhankumar	Comparative energy, environmental and economic analysis of solar air heaters with corrugated and sinusoidal absorber plates with thermal energy storage	2025	Article	Applied Thermal Engineering	10.1016/j.appltherm.2025.128033
120	Sundaram, Raja Soma	Compression After Impact (CAI) Behavior After Low-Velocity Impact (LVI) of Agro-Waste-Based Pineapple Leaf Fiber (PALF) and Kevlar Fabrics-Reinforced Polyester Composites for Automotive Applications	2025	Article	Polymer Composites	10.1002/pc.30077
121	Krishnamoorthy, N.V.	Cyber Security of Robots: Integrating Safety and Security in Cognitive Social Computers	2025	Article	International Journal of Engineering, Science and Information Technology	10.52088/ijesty.v5i3.1059
122	Majidha, Fathima K. M.	DLFM: Leveraging Parkinson's Disease Detection using AI Deep Learning Fusion Model for Precise Diagnosis	2025	Article	WSEAS Transactions on Biology and Biomedicine	10.37394/23208.2025.22.26
123	Begum, R. Suraj	Decolonizing the Digital Classroom: A Critical Analysis of Power, Privilege, and Algorithmic Bias in AI-Mediated Learning Environments	2025	Article	Asian Journal of Interdisciplinary Research	10.54392/ajir25417
124	Rasi, D.	Deep learning approach using modified DarkNet-53 for renal cell carcinoma grading	2025	Article	International Journal of Bioinformatics Research and Applications	10.1504/IJBRA.2025.144023
125	Reshma, Vijaya Kumar; Deepa Kanmani, S.	Deep learning-based workload prediction and resource provisioning for mobile edge-cloud computing in healthcare applications	2025	Article	Sustainable Computing: Informatics and Systems	10.1016/j.suscom.2025.101176
126	Subramani, Sivaranjani	Design and Performance Analysis of New Seventeen Level Reduced Switch Count Multilevel Inverter	2025	Article	Engineering Journal	10.4186/ej.2025.29.6.29
127	Alagesan, Radhika	Design conversion, and performance estimation of BLDC motor in hybrid electric vehicle	2025	Article	Bulletin of the Polish Academy of Sciences: Technical Sciences	10.24425/bpasts.2025.153424
128	Vijayakumar, Nandalal	Design of ACEP Multiplier for Wireless Applications with Low Latency	Apr-2025	Article	IETE Journal of Research	10.1080/03772063.2025.2487624

129	Muthukrishnan, Ramkumar	Design of Ultra-Wideband Millimeter-Wave Circularly Polarized 3D-Printed Lens Antenna Using Optimized Convolutional Spiking Network for Biomedical Application	2025	Article	International Journal of Pattern Recognition and Artificial Intelligence	10.1142/S0218001425530039
130	Vignesh, T.	Detecting ferric oxide adulteration in chilli Powder: A Multimodal analytical approach for enhanced food safety	2025	Article	Microchemical Journal	10.1016/j.microc.2024.112332
131	Krishnan, Loganathan Navaneetha	Development of an internet of things based smart cold storage with inventory monitoring system	2025	Article	International Journal of Electrical and Computer Engineering	10.11591/ijece.v15i1.pp89-98
132	Dhamodharan, Maruthachalam	Development of cleaner production composite rebar using sugarcane bagasse biochar and areca short fibre for eco-friendly construction	2025	Article	Biomass Conversion and Biorefinery	10.1007/s13399-024-06298-3
133	Seenivasan, Madhankumar; Arumugam, Selvan Thottiapalayam	Drying Kinetics, Statistical and Nutritional Analysis of a Drip Lock Sheet Greenhouse Dryer for Cucumis sativus Drying	2025	Article	Current Research in Nutrition and Food Science	10.12944/CRNFSJ.13.2.9
134	Feroz Ali, L.; Seenivasan, Madhankumar	Drying kinetics, mathematical modelling and colour analysis of an indirect solar dryer with latent heat storage unit for cucumber drying	2025	Article	Solar Energy	10.1016/j.solener.2025.113431
135	Nallusamy, Sathishkumar	Dual Band Frequency Selective Surface for EMI Shielding in 5G Communications	Sep-2025	Article	Mathematical Modelling of Engineering Problems	10.18280/mmep.121006
136	Latha Maheswari, T.	DynFragNet: A Dynamic IoT Data Fragmentation and Network Optimization Algorithm for Scalable Storage	2025	Article	International Journal of Computer Networks and Applications	10.22247/ijcna/2025/52
137	Seenivasan, Madhankumar	EFFECT OF MICRO ECM TOOL MATERIAL ON THE SURFACE ROUGHNESS CHARACTERISTICS OF A 15-5 PH STAINLESS STEEL SPECIMEN	2025	Article	Surface Review and Letters	10.1142/S0218625X25501914
138	Raja, A. Wasim	ENHANCED FEATURE SELECTION AND CLASSIFICATION OF BREAST CANCER SUBTYPES USING HEURISTIC OPTIMIZATION AND ENSEMBLE MODELS ON MICROARRAY DATA	2025	Article	TPM - Testing, Psychometrics, Methodology in Applied Psychology	-
139	Soundararajan, Ranganathan; Vinu Kumar, Shettahalli Mantaiah	EVALUATION OF DYNAMIC MECHANICAL PROPERTIES OF FLAX FIBER-POLYPROPYLENE (FP) COMPOSITES USING THE ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM	2025	Article	Cellulose Chemistry and Technology	10.35812/cellulosechemtechnol.2025.59.92
140	Dhyaneswaran, J.	Effect of Chemical Treatment on Mechanical Properties of Hybrid Epoxy Composites Reinforced with Sisal and Bamboo Fibers	2025	Article	Malaysian Journal of Chemistry	10.55373/mjchem.v27i3.400

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142	Vigneshkumar, Murugesan	Effect of basalt and kenaf fiber hybridization on the physical, mechanical, and thermal properties of polymer composites	2025	Article	Materialpruefung/Materials Testing	10.1515/mt-2025-0220
143	Jeyakumar, Rengaraj	Effect of fiber orientations on dynamic mechanical and machinability behavior of flax polymer composites	2025	Article	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	10.1177/09544062251363459
144	Rajendran, Chinnasamy	Effect of friction stir spot welding parameters on the shear fracture load of AA8011/structural steel for automotive applications	2025	Article	Materialpruefung/Materials Testing	10.1515/mt-2024-0148
145	Soundararajan, Ranganathan	Effect of surface-treated paddy straw biosilica additive on PET core–pineapple fiber composite subjected to water and temperature aging: a characterization study	2025	Article	Biomass Conversion and Biorefinery	10.1007/s13399-024-06431-2
146	Ananth, John Patrick	Effective Charging Scheduling of Electric Vehicles Using a Hybrid Deep Learning Network	2025	Article	Energy Storage	10.1002/est2.70120
147	Joseph, Sheemona; Gnana Rubini, R.	Effective Image and Video Recognition Techniques in Environmental and Earth Monitoring Systems Using Remote-Sensed Intelligent Visual Analytics	2025	Article	Journal of Applied Science and Technology Trends	10.38094/jastt605659
148	Raja, Subramanian	Electric Discharge Machining of Titanium Alloy under Cu Mixed Dielectric Medium	2025	Article	Current Materials Science	10.2174/2666145417666230816091446
149	Chelladurai, Samson Jerold Samuel	Electrochemical performance enhancement of yttrium-modified Mg–Zn–Ca alloy with plasma electrolytic oxidation coating	2025	Article	Canadian Metallurgical Quarterly	10.1080/00084433.2025.2565509
150	Shanmugavel, Krishnaprakash	Elliptic intuitionistic fuzzy Bonferroni mean operator and its application in MCDM	2025	Article	Notes on Intuitionistic Fuzzy Sets	10.7546/nifs.2025.31.1.80-98
151	Ratheeshkumar, A.M.	EmbryoSwin++: Enhanced swin transformer with supervised contrastive learning for embryo multi-stage classification in assisted reproductive technology	Dec-2025	Article	Egyptian Informatics Journal	10.1016/j.eij.2025.100852
152	Gowthamani, R.; Manoj, S. Oswalt	Empowering integrity and confidentiality in smart healthcare systems through effective edge cryptographic strategies	2025	Article	Automatika	10.1080/00051144.2025.2569115
153	Seenivasan, Madhankumar	Energy, economic and mathematical modelling of a solar drying system with Lauric acid based latent heat storage unit: an experimental study	2025	Article	Applied Thermal Engineering	10.1016/j.applthermeng.2025.127501

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155	Soundararajan, Ranganathan	Enhanced microstructure and mechanical properties of AZ31 magnesium alloy joints using rare earth enriched filler produced by GTAW	2025	Article	Results in Engineering	10.1016/j.rineng.2025.104835
156	Kumar, R. Arun	Enhancing Mechanical Properties and Water Resistance of Sisal-Epoxy Composites using Silicon Carbide Nanoplatelets by Vacuum Infusion Molding	2025	Article	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.3.13
157	Ramaswamy, Arunbharathi	Enhancing Mechanical Properties of Polyethylene-Based Nanocomposites using Graphene Nanosheets, Jute Fiber and Polyethylene-Grafted Maleic Anhydride: An RSM Approach	2025	Article	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.5.30
158	S, Ramakrishnan	Enhancing geopolymers concrete strength with sodium hydroxide using Gegenbauer graph neural networks approach	2025	Article	International Journal of Polymer Analysis and Characterization	10.1080/1023666X.2025.2490782
159	Ramya, Karnam Chandrakumar	Enhancing the Performance of Free-Space-Optics Transmission System Using Mode-Division-Multiplexing of Hermite-Gaussian and Laguerre-Gaussian Beams	2025	Article	Internet Technology Letters	10.1002/itl2.649
160	Ramaswamy, Ramesh Kumar	Ensemble-based feature selection and optimization-driven deep learning for attack detection in cloud computing	2025	Article	Knowledge-Based Systems	10.1016/j.knosys.2025.113984
161	Chandran, N. Gnana; Aathil, S. Abdul; Sathishkumar, A.; Soundararajan, Ranganathan	Evaluating machine learning methods for predicting surface roughness of FDM printed parts using PLA plus material	2025	Article	International Journal on Interactive Design and Manufacturing	10.1007/s12008-024-02215-0
162	Sathishkumar, A.; Soundararajan, Ranganathan	Evaluating the metallurgical and corrosion characteristics of HVOF-sprayed Ni and Ni-TiB ₂ coatings on duplex stainless steel	2025	Article	Ceramics International	10.1016/j.ceramint.2024.12.202
163	Chelladurai, Samson Jerold Samuel, K, Jagadeeswaran	Evaluation of mechanical and wear properties of LM24/fly ash/titanium diboride hybrid metal matrix composites using stir casting	2025	Article	Particulate Science and Technology	10.1080/02726351.2025.2456596
164	Radhakrishnan, G.	Evaluation of optimal responses in Monel 400 alloy using computer based unconventional machining process	2025	Article	Interactions	10.1007/s10751-025-02257-0
165	Periyasamy, Vibin; Sellamuthu, Sadheesh; Srinithi, P.	Examination of Air Quality Index and Dispersion Pattern of Ambient Air Pollutants in Coimbatore	2025	Article	Indian Journal of Environmental Protection	-

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167	Seenivasan, Madhankumar	Experimental investigation of indirect solar dryer with integration of copper thin fins and paraffin wax as thermal energy storage	2025	Article	Applied Thermal Engineering	10.1016/j.applthermaleng.2025.126771
168	Selinaruby, G.	Experimental research on mechanical and microstructural characteristics of hybrid fiber reinforced concrete (HFRC)	2025	Article	Scientific Reports	10.1038/s41598-025-23963-3
169	Meena Suguanthi, G.	Explainable Information Retrieval Techniques in Academic Search Engines	2025	Article	Indian Journal of Information Sources and Services	10.51983/ijiss-2025.IJISS.15.3.44
170	Reshma, Vijaya Kumar	FLEM-XAI: Federated learning based real time ensemble model with explainable AI framework for an efficient diagnosis of lung diseases	2025	Article	Frontiers in Computer Science	10.3389/fcomp.2025.1633916
171	Kumar, S. Senthil	Facial Skincare Product Recommendation Using Deep Learning Techniques	2025	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v32.2642
172	Jayaprakash, Jeyaram	Facile synthesis of rGO-Ag and rGO-Au nanocomposites and their applications in biosensors and enhanced photocatalytic properties	May-2025	Article	Physica B: Condensed Matter	10.1016/j.physb.2025.417081
173	Manju, K.V.	Financial Institutions and SME Growth in South India through Access, Innovation, and Policy Support	2025	Article	International Journal of Accounting and Economics Studies	10.14419/25aa9f68
174	Ragavi, V.	Gazelle-Dingo Optimization and Ensemble Classification: A Hybrid Approach for Intrusion Detection in Fog Computing	Mar-2025	Article	Transactions on Emerging Telecommunications Technologies	10.1002/ett.70084
175	Jayaprakash, Karthika	Green Driving Innovative Methods to Minimize Energy Consumption in Hybrid Electric Vehicles	2025	Article	Global Nest Journal	10.30955/gnj.07440
176	Gunasekaran, Mahalakshmi	Green energy management in electric vehicles with regenerative braking using super capacitors and batteries	2025	Article	Global Nest Journal	10.30955/gnj.07439
177	Kalaivani, K.	Green synthesis of Triphala - zinc oxide nanocomposite: electrochemical impedance and anti-microbial activity	Aug-2025	Article	Inorganic Chemistry Communications	10.1016/j.inoche.2025.115318
178	Karpagam, Mysamy	High sensitivity cervical cancer detection employing hollow decagonal core photonic crystal fiber in the Terahertz Region	Jan-2025	Article	Applied Physics A: Materials Science and Processing	10.1007/s00339-024-08203-1
179	Priyadharsini, R.	High-performance symmetric supercapacitor using triple biowaste-derived activated carbon: groundnut shell, sugarcane and corn cob residues	2025	Article	Ionics	10.1007/s11581-025-06907-9
180	Ramadevi, V.	How the metaverse and virtual worlds are redefining fashion marketing and brand engagement	2025	Article	Digital Transformation and Society	10.1108/DTS-09-2024-0177

181	Balaji, K.; Ganesh, R. Senthil	Hybrid Machine Learning Approach for Early Stroke Prediction in Elderly People	2025	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v32.2349
182	Radhika, A.	Hybrid control for capacitor-assisted Z-source inverter in grid-connected photovoltaic system	2025	Article	Renewable and Sustainable Energy Reviews	10.1016/j.rser.2024.115002
183	Maruthi Shankar, B.; Mumtaj, Asha Banu Saleem; Muthukrishnan, Ramkumar	Hybrid optimization of graphene based dual band bow-tie microstrip patch antenna to detect breast cancer using deep learning technique	Jan-2025	Article	Materials Science in Semiconductor Processing	10.1016/j.mssp.2024.108861
184	Bhatnagar, Priyanka	INTEGRATED MEMBRANE CATALYSIS AND ELECTROCHEMICAL SYSTEMS FOR SUSTAINABLE WASTEWATER TREATMENT	2025	Article	Oxidation Communications	-
185	Sp, Cowsigan	INTEGRATING AI AND OR FOR REAL-TIME OPTIMIZATION IN DIGITAL TWIN ECOSYSTEMS AND METAVERSE ENGINEERING	Dec-2025	Article	Engineering Review	10.30765/er.2646
186	Vigneshkumar, Murugesan	INVESTIGATION OF KERF TAPER ANGLE AND SURFACE ROUGHNESS IN ABRASIVE WATER JET MACHINED GLASS FIBER-REINFORCED POLYESTER COMPOSITES	2025	Article	Advanced Engineering Letters	10.46793/adeletters.2025.4.4.1
187	Radhika, A.	Improved gazelle optimization algorithm (IGOA)-based optimal design of solar/battery energy storage/EV charging station	2025	Article	Electrical Engineering	10.1007/s00202-024-02665-5
188	Soundararajan, Ranganathan	Improved wear resistance of AA6082 aluminum alloy for automotive sliding parts via friction stir processing with SiC and graphite reinforcements	2025	Article	Welding International	10.1080/09507116.2025.2504415
189	Sathishkumar, A.; Soundararajan, Ranganathan	Improving Mechanical and Tribological Characteristics of Cast Elektron 21 Alloy by Reinforcing its Surface with Al _{0.3} Cu _{0.3} Ni _{0.1} Si _{0.1} W _{0.2} High Entropy Alloy via Friction Stir Processing Route	2025	Article	International Journal of Metalcasting	10.1007/s40962-024-01415-4
190	Dhamodharan, Maruthachalam	Influence of Granite Powder Waste on the Flexural and Microstructure Morphology Behaviors of Reinforced Concrete Beams With Glass Fiber Reinforced Polymer Bars	2025	Article	Engineering Reports	10.1002/eng2.70304
191	Vigneshwari, N.	Influence of diverse dielectric materials on the performance of enhancement-mode AlGaIn/GaN MISHEMTs with a β -Ga ₂ O ₃ buffer and substrate for RF and power applications	Feb-2025	Article	Journal of the Korean Physical Society	10.1007/s40042-025-01318-5
192	Soundararajan, Ranganathan	Influence of lanthanum addition on the corrosion behavior of magnesium alloy	2025	Article	AIP Advances	10.1063/5.0285897
193	Soundararajan, Ranganathan	Influence of print orientation on mechanical characteristics of FDM-printed OBE polymer	2025	Article	Journal of Reinforced Plastics and Composites	10.1177/07316844251396247

194	Radhika, A.	Innovative Control Techniques for Enhancing Signal Quality in Power Applications: Mitigating Electromagnetic Interference	2025	Article	Algorithms	10.3390/a18050288
195	Karthik, V.; Muthukrishnan, Ramkumar	Integrating attention networks into a hybrid model for HER2 status prediction in breast cancer	Jul-2025	Article	Biochemical and Biophysical Research Communications	10.1016/j.bbrc.2025.151856
196	Selvaraj, Dinesh	Intelligent Robotic Path Planning Based on SPIDILion Optimization Algorithm Using Deep Spectral LSTM-Gated Convolution Neural Network	2025	Article	Cognitive Computation	10.1007/s12559-025-10464-8
197	Chelladurai, Samson Jerold Samuel	Investigating the Effect and Optimization of WEDM Parameters on LM26 Aluminium Alloy Hybrid Composites: An Response Surface Methodology Based Desirability Approach	2025	Article	Silicon	10.1007/s12633-025-03398-1
198	Anie Selva Jothi, A.	Investigation of Setpoint Tracking Control Schemes for Digital Twin of Industrial Finned Heater	Jan-2025	Article	Optimal Control Applications and Methods	10.1002/oca.3233
199	Chelladurai, Samson Jerold Samuel	Investigation on Mechanical Behavior of LM26 Aluminum Alloy—ZrB ₂ and Copper-Coated Short Steel Fiber-Reinforced Composites Using Stir Casting Process	2025	Article	International Journal of Metalcasting	10.1007/s40962-024-01303-x
200	Sundaram, Raja Soma	Isolation of microcrystalline cellulose from vegetable waste biomass and its potential as a high-performance green reinforcement in biocomposites	2025	Article	Bioresource Technology Reports	10.1016/j.biteb.2025.102337
201	Arumugam, Sajeev Ram	LUNG LOBE SEGMENTATION AND LUNG CANCER DETECTION WITH HYBRID OPTIMIZATION-ENABLED DEEP LEARNING USING CT IMAGES	2025	Article	Journal of Mechanics in Medicine and Biology	10.1142/S0219519424500477
202	Kumar, R. Sarath; Muthukrishnan, Ramkumar	Leveraging Radiomics and Hybrid Quantum–Classical Convolutional Networks for Non-Invasive Detection of Microsatellite Instability in Colorectal Cancer	Apr-2025	Article	Molecular Imaging and Biology	10.1007/s11307-025-01990-w
203	Nisha, U. Barakkath	Leveraging a hybrid whale-grey wolf optimisation algorithm to enhance fifth generation deployment efficiency in multi-access edge computing	Sep-2025	Article	International Journal of Grid and Utility Computing	10.1504/IJGUC.2025.148541
204	Ramamoorthi, R.	Mahua oil cake microcellulose as a performance enhancer in flax fiber composites: Mechanical strength and sound absorption analysis	2025	Article	Polymer Composites	10.1002/pc.29100
205	Logapriya, B.	Mathematical analysis on production control in manufacturing units under disaster and repair with compulsory vacation	2025	Article	OPSEARCH	10.1007/s12597-024-00804-x

206	Manoram, R.B.; Rajendran, Chinnasamy	Mathematical modeling, optimization and prediction of friction stir spot welding parameters for dissimilar joining AA2024-T6 aluminium and AZ31B magnesium alloy in lap weld configuration	2025	Article	International Journal on Interactive Design and Manufacturing	10.1007/s12008-023-01669-y
207	Chinnusamy, Boobalan Savandappur	Mechanical and Microstructural Analysis of Self-Compacting Concrete	2025	Article	International Research Journal of Multidisciplinary Scope	10.47857/irjms.2025.v06i01.02121
208	Soundararajan, Ranganathan; nathan, V. Boobesh	Mechanical, wear, fatigue, and water absorption behavior of epoxy biocomposite toughened using marine waste Sepioteuthis sepioidea pen chitosan biopolymer and pineapple plain-weaved fiber	2025	Article	Biomass Conversion and Biorefinery	10.1007/s13399-024-05762-4
209	Rajalakshmi, K.	Micro Generalized Star Semi Closed Sets in Micro Topological Spaces	2025	Article	Statistics, Optimization and Information Computing	10.19139/soic-2310-5070-2790
210	Nandhakishore, V.D.; Pranesh, B.; Puviarasu, S.; Rajasekar, R.; Robert, R. B. Jeen	Microstructural and Thermal Analysis of Plasma-Sprayed Alumina Coating on SLM-Fabricated Titanium Grade 2 Alloy	2025	Article	Journal of Materials Engineering and Performance	10.1007/s11665-025-12462-1
211	Veerappan, Gopathy	Microstructure and Properties of Silicon Carbide and Yttrium Oxide Reinforced Copper Matrix Hybrid Composites (Cu-SiC-Y2O3)	2025	Article	Materials Research	10.1590/1980-5373-MR-2024-0406
212	Logapriya, B.	Modelling MX/G/1 queuing system with optional second service under disaster and repairs with multiple adapted vacation policy	2025	Article	International Journal of Operational Research	10.1504/IJOR.2025.144677
213	Rajalakshmi, K.	More on micro semi – pre-operators in micro topological spaces	2025	Article	Mathematical Models in Engineering	10.21595/mme.2024.24326
214	Vignesh, T.	Multi-Spectral techniques for detecting adulterants in turmeric powder	2025	Article	Microchemical Journal	10.1016/j.microc.2025.112830
215	Vighnesh, Rameshkumar	Multi-factor thermal analysis of phase change material integrated roofing elements	2025	Article	Architectural Science Review	10.1080/00038628.2024.2368662
216	Jayaprakash, Karthika; Rajkumar, M.	Multi-view consistent generative adversarial network for enhancing intrusion detection with prevention systems in mobile ad hoc networks against security attacks	2025	Article	Computers and Security	10.1016/j.cose.2024.104242
217	Ramaswamy, Ramesh Kumar	Multilevel thresholding technique with Archery Gold Rush Optimization and PCNN-based childhood medulloblastoma classification using microscopic images	2025	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2025.107801
218	Arun Paul, C.	Mustum (extracted grape juice)-Assisted Green Synthesis of Metal Oxide Nanoparticles: Evaluation of Phase, Vibrational, Morphological, and Thermal Properties	2025	Article	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt25323

219	Ananth, John Patrick	NAVt-net neuron attention visual Taylor network for lung cancer detection using CT images	2025	Article	Computational Biology and Chemistry	10.1016/j.compbiolchem.2025.108363
220	Immanuel, J. Samson	NEXT-GEN PHYSICS EDUCATION: AR/VR-POWERED SIMPLE PENDULUM LEARNING FOR OBE AND NEP 2020	Dec-2025	Article	Archives for Technical Sciences	10.70102/afts.2025.1834.1285
221	Pradeep, I.	Nano-apatite with Doxycycline for pulp capping: A potential strategy to reduce inflammation and promote pulp healing	2025	Article	Journal of Drug Delivery Science and Technology	10.1016/j.jddst.2025.107069
222	Shanmugavel, Krishnaprakash	Neutrosophic SuperHyperSoft Sets	2025	Article	Neutrosophic Sets and Systems	10.5281/zenodo.14062236
223	Balasubramanian, Kaliyaperumal	OPTIMIZING SHOT PEENING PROCESS PARAMETERS ON SURFACE ROUGHNESS, HARDNESS, AND WEAR PROPERTIES OF Ti6Al4V PEENED WITH STAINLESS STEEL SHOTS	2025	Article	Surface Review and Letters	10.1142/S0218625X2550115X
224	Vanitha, U.	Operational Planning of Hybrid Power Management for Load Based on Versatile Energy Spectral Algorithm	Jan-2025	Article	International Research Journal of Multidisciplinary Scope	10.47857/irjms.2025.v06i01.01923
225	Balasubramanian, Kaliyaperumal; Rajendran, Chinnasamy	Optimization of CNC-FSSW parameters for dissimilar spot welding of AA6061 aluminium alloy and mild steel using Taguchi based desirability function approach	2025	Article	International Journal on Interactive Design and Manufacturing	10.1007/s12008-023-01728-4
226	Abinav, R.; Akilesh, V.; Hariharan, M.; Induprakash, S.; Karthik, S.; Kumar, Nithish	Optimization of Control Factors Influencing the Wear Behaviour of Inflorescence Fibril Fortified Epoxy Composites	2025	Article	Current Materials Science	10.2174/0126661454277271231120102555
227	Vigneshwaran, M.	Optimization of Corrosion Resistance in AA7075 using Hybrid Si-Zr Sol-Gel Coatings Doped with Cerium Nitrate using Taguchi Method	2025	Article	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.4.15
228	Ramaswamy, Arunbharathi	Optimization of Mechanical Properties of Cordia dichotoma/Alumina Nanoparticle Reinforced Epoxy Nanocomposites Under Alkali Treatment Using ANN Techniques	2025	Article	Journal of Environmental Nanotechnology	10.13074/jent.2025.06.2521549
229	Abhijith, P.V.; Arunachalashiva, M.; Balasubramanian, Kaliyaperumal; Deepak, D.; Vikram, R.	Optimization of flux cored arc welding parameters to minimize the dilution percentage of AISI 316L stainless steel cladding on mild steel	2025	Article	International Journal on Interactive Design and Manufacturing	10.1007/s12008-023-01487-2

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231	Chelladurai, Samson Jerold Samuel; Jagadeeswaran, K.	Optimization of wire electrical discharge machining process parameters of LM24 al alloy - TiB2 - fly ash reinforced hybrid composites	2025	Article	Discover Materials	10.1007/s43939-025-00376-7
232	Muthukrishnan, Ramkumar	Optimized Auto Separate Federated Graph Neural With Enhanced Well-Known Signature Trust-Based Routing Attacks Detection in Internet of Things	May-2025	Article	Transactions on Emerging Telecommunications Technologies	10.1002/ett.70158
233	Jacob, Suma Sira; Jaisiva, Selvaraj; Vargheese, Lijo Jacob	Optimized CNN-BiLSTM framework for reactive power management and voltage profile improvement in renewable energy based power grids	2025	Article	Scientific Reports	10.1038/s41598-025-24751-9
234	Deepa Kanmani, S.	Optimized ensemble modeling approach for student cumulative grade point average prediction using regression models	Aug-2025	Article	IAES International Journal of Artificial Intelligence	10.11591/ijai.v14.i4.pp3074-3088
235	Pushpalatha, Ayyasamy	Optimized memory augmented graph neural network-based DoS attacks detection in wireless sensor network	2025	Article	Network: Computation in Neural Systems	10.1080/0954898X.2024.2392786
236	Mahendhiran, P.D.	Optimized node-level capsule graph neural network for subject-independent emotion recognition from EEG signals	2025	Article	Electromagnetic Biology and Medicine	10.1080/15368378.2025.2541792
237	Karthik, S.	Optimizing EDM performances of stir cast eutectic AL-6.1% Ni alloy through Taguchi-grey relational approach	2025	Article	Physica Scripta	10.1088/1402-4896/adeaf3
238	Jayaraman Rajanediran, Dinesh Kumar	Optimizing EV Energy Management Using Monarch Butterfly and Quantum Genetic Algorithms	Jun-2025	Article	International Journal of Basic and Applied Sciences	10.14419/xaqk1294
239	Karuppusamy, E.; Shanmugavel, Krishnaprakash	Optimizing Electric Vehicle Selection Using Neutrosophic SuperHyperSoft Set Theory	2025	Article	Neutrosophic Sets and Systems	10.5281/zenodo.15514527
240	Rejina Parvin, J.	Optimizing Energy-Efficient Task Offloading in Edge Computing: A Hybrid AI-Based Approach	2025	Article	International Journal of Computational and Experimental Science and Engineering	10.22399/ijcesen.1268
241	Krishnan, Loganathan Navaneetha	PRESSURE SENSORS DISCRETE STRUCTURE OPTIMISATION FOR MULTIPLE-CONTACT-BASED SENSITIVE AND NONLINEARITY IMPROVEMENT	2025	Article	Journal of Environmental Protection and Ecology	-
242	Veerappan, Gopathy	Parametric analysis in the machining of gun metal using computer numerical control turning process	2025	Article	Interactions	10.1007/s10751-025-02269-w

243	Niranjana, R.	Performance analysis of novel hybrid\ deep learning model IEU Net++ for multiclass categorization of breast mammogram images	Jul-2025	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2025.107607
244	Ramya, Karnam Chandrakumar; Nithya Priya, S.	Performance analysis of seven level multilevel inverter for power quality improvement	2025	Article	International Journal of Applied Power Engineering	10.11591/ijape.v14.i1.pp46-54
245	Baskaran, J.	Performance evaluation of luffa-sugarcane bagasse-based polymer-reinforced composites using Taguchi's method	2025	Article	Biomass Conversion and Biorefinery	10.1007/s13399-024-05886-7
246	Karthik, V.; Muthukrishnan, Ramkumar	Point-ConNet: Integrated Power Allocation and Target Assignment for Efficient Multi-Target Tracking in Distributed Radar Networks	Feb-2025	Article	International Journal of Communication Systems	10.1002/dac.70030
247	Pandiyan, K.	Positive solutions to fractional integro-differential boundary value problems at resonance	2025	Article	Nonlinear Studies	-
248	Raman, Chandra Devi	Prediction of drinking and irrigation chemical water quality indices using a multilinear regression approach in Cuddalore district, Tamil Nadu, India	2025	Article	Water Supply	10.2166/ws.2025.006
249	Jayaprakash, Jeyaram	Preparation of Cr-modified SnO2 nanoparticles through hydrothermal method for enhanced methane sensing performance	Jun-2025	Article	Journal of Materials Science: Materials in Electronics	10.1007/s10854-025-14958-x
250	Rajalakshmi, K.	Properties on Micro Pre-Covering Map in Micro Topological Spaces	2025	Article	Statistics, Optimization and Information Computing	10.19139/soic-2310-5070-2566
251	Pradeep, I.	Pure α -MnO ₂ and Ag decorated α -MnO ₂ nanorods for photocatalytic activity	2025	Article	Journal of Molecular Structure	10.1016/j.molstruc.2025.141444
252	Selvabharathi, P.	Rapid energy management and power regulation system for nano grids with hybrid energy storage integration	2025	Article	International Journal of System Assurance Engineering and Management	10.1007/s13198-025-02879-1
253	Ramasamy, Balaji Venkatesalu	Real-Time Environmental Monitoring Systems: Integrating Remote Sensing and Intelligent Visual Analytics for Sustainable Urban Development	Dec-2025	Article	Journal of Applied Science and Technology Trends	10.38094/jastt605619
254	Nataraj, Kalingaraj	Real-Time Monitoring in Polymer Composites: Internet of Things Integration for Enhanced Performance and Sustainability — A Review	2025	Article	BioResources	10.15376/biores.20.3.Karuppusamy
255	Yasir Abdullah, R.; Nisha, U. Barakkath	Reinforcing blockchain security with advanced anomaly detection in edge computing using EDGESENTRY	2025	Article	International Journal of Grid and Utility Computing	10.1504/IJGUC.2025.148539
256	Sudhir, Sophia	Reliable methodology for acquiring exact road accident information using deep learning	2025	Article	International Journal of Business Information Systems	10.1504/IJBIS.2025.144863
257	Ananth, John Patrick; Thiruselvan, D.	Remora Jaya Optimization-Enabled Deep Quantum Neural Network for Underwater Target Tracking Using Radar Images	2025	Article	Cybernetics and Systems	10.1080/01969722.2023.2175142

258	Govindasamy, Ranjitham; Muthukrishnan, Ramkumar	Residual multiscale attention based modulated convolutional neural network for radio link failure prediction in 5G	Jan-2025	Article	Ad Hoc Networks	10.1016/j.adhoc.2024.103679
259	Muthukrishnan, Ramkumar	Resnet 152 convolutional adaptive spiral flying sparrow search neural network for image enhancement of video surveillance scene	Jan-2025	Article	Signal, Image and Video Processing	10.1007/s11760-024-03784-z
260	Ponnusamy, Vinoth Kumar	Robotic guide for the visually impaired through Bluetooth and obstacle avoidance using Arduino	Sep-2025	Article	Review of Computer Engineering Research	10.18488/76.v12i3.4436
261	Krishnan, Loganathan Navaneetha; Seenivasan, Madhankumar	Robust optimization-based energy management system for integrating renewable energy resources and smart grid technology	2025	Article	Sustainable Energy Technologies and Assessments	10.1016/j.seta.2025.104235
262	Ramya, Karnam Chandrakumar	Robust phase extraction from complex signals/fringe patterns for optical communications in 5G and beyond through continuous wavelet ridge technique	2025	Article	Internet Technology Letters	10.1002/itl2.568
263	Kalaivani, K.	Role of pH in Modulating the Physicochemical Properties of Erbium-doped MoO3/SiO2 Nanoparticles	Sep-2025	Article	Journal of Environmental Nanotechnology	10.13074/jent.2025.09.2531768
264	Balakrishnan, Karthikeyan; Mathi, P. Sree; Padmapriya, K.; Priyadharsini, S.; Sabareeshwari, K.	SUSTAINABLE BACKUP POWER WITH V2G INTEGRATION IN HYBRID MICROGRID	2025	Article	Journal of Mechanics of Continua and Mathematical Sciences	10.26782/jmcms.2025.05.00006
265	Gurumani, Vijaya; Kandasamy, Ramesh	Secure transmission and authentication protocol in IoT with deep-Q-net-key updation	2025	Article	Hoc and Ubiquitous Computing	10.1504/IJAHUC.2025.144400
266	Begum, A. Shamadhani	Shear-and buoyancy-dominated heat transfer: Influence of plate speed and nanoparticles	2025	Article	International Communications in Heat and Mass Transfer	10.1016/j.icheatmasstransfer.2025.109787
267	Rajendran, Chinnasamy; Varthanan, P. Ashoka	Simulation based swarm intelligence optimization to develop manufacturing distribution plan	2025	Article	International Journal on Interactive Design and Manufacturing	10.1007/s12008-024-01980-2
268	Ponnusamy, Vinoth Kumar	Smart hybrid power management system in electric vehicle for efficient resource utilization with ANN	2025	Article	International Journal of Informatics and Communication Technology	10.11591/ijict.v14i2.pp488-496
269	Shanmugavel, Krishnaprakash	Spherical Picture Fuzzy Sets: Enhancing Decision-Making with Geometric Bonferroni Methods	2025	Article	International Journal of Analysis and Applications	10.28924/2291-8639-23-2025-135
270	Sellamuthu, Sadheesh	Sporting footpaths and toxic dust: a risk-based assessment of urban, suburban, and rural exposure	2025	Article	International Journal of Environmental Health Research	10.1080/09603123.2025.2487630

271	Raman, Chandra Devi	Sustainable application of recycled brick aggregates in concrete: evaluation of mechanical, durability, and environmental properties	2025	Article	Revista Materia	10.1590/1517-7076-RMAT-2025-0170
272	Sundaram, Jaisankar Shanmuga; Vellingri, Vinothini	Sustainable biomedical waste management in healthcare: exploring composting through Fuzzy DEMATEL-ANP analysis; [Gestionarea durabilă a deșeurilor biomedicale în domeniul sănătății: explorarea compostării prin analiza Fuzzy DEMATEL-ANP]	2025	Article	Industria Textila	10.35530/IT.076.05.202520
273	Pritima, David; Veerappan, Gopathy	Synthesis of semi sintered nickel bronze electrode for electric discharge surface alloying of silicon steel and the properties of coated surface	2025	Article	Results in Surfaces and Interfaces	10.1016/j.rsufi.2024.100400
274	Gopinathan, Manjula	TEMPORAL ASSESSMENT OF SHORELINE CHANGES IN DHANUSHKODI, RAMESWARAM ISLAND, INDIA, USING REMOTE SENSING AND GIS	2025	Article	Environmental Engineering and Management Journal	10.30638/eemj.2025.186
275	Yuvaraj, Kunnathur Periyasamy	Tailoring the Properties of Al7055 Alloy through Titanium Diboride and Graphene Oxide Reinforcements: Development and Characterization	2025	Article	Journal of Materials Engineering and Performance	10.1007/s11665-025-13010-7
276	Sudhir, Sophia	Tamil Sign Language Identification Using the Auto-Metric Graph Neural Network Optimized with Golden Eagle Optimization	Mar-2025	Article	IETE Journal of Research	10.1080/03772063.2025.2476749
277	Rajendran, Chinnasamy	Tensile strength optimisation in AA2014 aluminum alloy joints via friction stir welding: a rivet-free approach examining materials flow behaviour	2025	Article	Canadian Metallurgical Quarterly	10.1080/00084433.2024.2375252
278	Meena Suguanthi, G.	The Economic Impact of Cybersecurity Risk Management on Business Operations: Cost-Benefit Analysis of Security Investments in Organizational Success	2025	Article	Journal of Internet Services and Information Security	10.58346/JISIS.2025.12.054
279	Kaliyamoorthy, Ananthi	The Evolution of Smartphone Battery Technology: From the First Mobile Phone to Modern-Day Devices and Future Advancements	2025	Article	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt2521
280	Seenivasan, Madhankumar	Thermal behaviour analysis of a solar air heater with thermal energy storage: experimental study and Takagi-Sugeno Neuro fuzzy model prediction	2025	Article	Thermal Science and Engineering Progress	10.1016/j.tsep.2025.103853
281	Kandasamy, Jeevitha	Towards precision in IoT-based healthcare systems: a hybrid optimized framework for big data classification	2025	Article	Journal of Big Data	10.1186/s40537-025-01243-1
282	Arun Kumar, R.	Tragacanth gum as a green compatibilizer for natural fiber-polymer interfaces in hybrid composites	2025	Article	Bioresource Technology Reports	10.1016/j.biteb.2025.102313

283	Divyesh, S.; Narayana, N.T. Sathya; Sellamuthu, Sadheesh; Vinushree, P.	Treatment of Textile Effluent by Coagulation Process using Moringa oleifera as a Natural Coagulant	2025	Article	Indian Journal of Environmental Protection	-
284	Vigneshkumar, Murugesan	Tribo-mechanical behavior of pectin-filled aloe vera fiber-reinforced polyester composites	2025	Article	Materialpruefung/Materials Testing	10.1515/mt-2025-0117
285	Sathishkumar, A.	Tribological Analysis of Annealed and Laser-Treated Polyamide 6 Reinforced with Glass Fibre Composites Fabricated by FDM Technology	2025	Article	Lasers in Manufacturing and Materials Processing	10.1007/s40516-025-00309-5
286	Jaganathan, Dhyaneswaran; RAJESWARAN, Siva Subramanian	Turbocharged Six-Cylinder Direct Injection Hydrogen Fueled Spark Ignition Engine Combustion and NOx Control Model	2025	Article	Engineering Perspective	10.29228/eng.pers.82203
287	Kandasamy, Jeevitha	Twitter Sentiment Analysis via Chaotic Quantum Fruit Fly Optimization: Enhancing Feature Selection and Classification	2025	Article	Mathematical Modelling of Engineering Problems	10.18280/mmep.120703
288	Kaliyamoorthy, Ananthi	UPS-Tailored Next-Generation Battery Technologies: Variability, Sustainability, Comparative Analysis and a Technology Roadmap	2025	Article	Journal of Trends in Computer Science and Smart Technology	10.36548/jtcsst.2025.3.016
289	Raghavan, Harish	Ultra-broadband polarization-insensitive solar absorber with tungsten-molybdenum hybrid resonators for industrial thermal applications: Design, fabrication, and machine learning analysis	2025	Article	Applied Thermal Engineering	10.1016/j.applthermaleng.2025.128303
290	Kalins, B.	Unique isolate restrained perfect domination in graphs	2025	Article	Nonlinear Studies	-
291	Kalins, B.	Unique isolated restrained domination in graphs	2025	Article	Mathematics in Engineering, Science and Aerospace	-
292	Chelladurai, Samson Jerold Samuel	Unlocking the potential of WEDM for LM26 hybrid composites: multi-objective optimization using RSM and desirability approach	2025	Article	Physica Scripta	10.1088/1402-4896/adce4b
293	Muthupriya, P.	Utilization of Plastic Waste and Dry leaves in Brick Manufacturing	2025	Article	Nature Environment and Pollution Technology	10.46488/NEPT.2024.v24iS1.027
294	Jayaprakash, Jeyaram	Visible light-driven Nd-ZnSe: Structural insights and enhanced photocatalytic degradation of Congo red dye	Jun-2025	Article	Applied Physics A: Materials Science and Processing	10.1007/s00339-025-08598-5
295	Reshma, Vijaya Kumar	WOA-HDCN-SWS: whale optimization algorithm based hierarchical dense connection network for the prognosis of Sturge-Weber syndrome	2025	Article	International Journal of Information Technology (Singapore)	10.1007/s41870-025-02662-2
296	Anitha, T.	Wear Equation of AA7050 Aluminium Composites Reinforced with Graphite Particles Produced by Stir Casting	2025	Article	International Journal of Vehicle Structures and Systems	10.4273/ijvss.17.3.06

297	Edwin Prem Kumar, G.; Lydia, M.	Wind speed and wind power forecasting models	Jan-2025	Article	Energy and Environment	10.1177/0958305X241228515
298	Gurumani, Vijaya; Kandasamy, Ramesh	ZFNet and deep Maxout network based cancer prediction using gene expression data	2025	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2024.107038
299	Jaisiva, Selvaraj	Optimizing Wind Energy Integration: A Review of Forecasting Techniques and Emerging Trends	2025	Review	Archives of Computational Methods in Engineering	10.1007/s11831-025-10442-1
300	Venkatraman, Yogeshwaran	Removal and inactivation of coronavirus in water and wastewater treatments plants: a critical review—global perspective	2025	Review	Journal of Umm Al-Qura University for Engineering and Architecture	10.1007/s43995-025-00127-y
301	Remya, R.	A Hybrid AI Framework with Automatic Gain Control for Real-Time ECG Signal Monitoring	Oct-2025	Conference Paper	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings	10.1109/ICNGCS64900.2025.11183286
302	Harini, S.; Jayalakshmi, S.; Kavin, R.; Navin, M.; Senthil Kumar, C.K.	A Hybrid Machine Learning Approach for Electricity Theft Detection and Demand Prediction	2025	Conference Paper	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025	10.1109/ICIRCA65293.2025.11089641
303	Immanuel, J. Samson	A Lightweight and Explainable Machine Learning Approach for Intrusion Detection	Sep-2025	Conference Paper	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025	10.1109/ICSCSA66339.2025.11171135
304	Rohini, M.	A Novel Data Analytics Methodology for Predicting Blockers in E-Commerce Sales Funnel	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0245894
305	Ponnusamy, Vinoth Kumar; Ramya, Karnam Chandrakumar	A Novel Hybrid Power Generation System Based on Renewable Energy for Battery Bank Storage	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0263922
306	Kaliyamoorthy, Ananthi	A Performance-based Comparison of Li-Ion and Flexible Battery Technologies in Smartphones	2025	Conference Paper	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025	10.1109/ICIMA64861.2025.11073912
307	Suganthi, P.; Suyam Praba, R.	A Review of AI-Powered Production Scheduling in Smart Factories: Impacts on Lead Times and Resource Utilization	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246414
308	Gunasekaran, Mahalakshmi	AI Techniques in Electric Vehicle Charging Optimization	2025	Conference Paper	Proceedings - 2025 International Conference on Recent Innovation in Science Engineering and Technology, ICRISSET 2025	10.1109/ICRISSET64803.2025.11253812

309	Andrews, M. Kingsly; Monish, M.; Nishanth, V.B.; Ponnusamy, Vinoth Kumar; Raj, P. Nidhin	AI Tuned IoT Based Micro Grid for Smart Campus	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262499
310	Manju, K.V.	AI-Driven Predictive Models: Understanding Consumer Behaviour for Economic Forecasting and Policy Design	2025	Conference Paper	International Conference on Technology Enabled Economic Changes, InTech 2025	10.1109/InTech641 86.2025.11198211
311	Vijayakumar, Nandalal	AI-Enabled Autonomous Navigation Systems for Space Exploration	Feb-2025	Conference Paper	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024	10.1109/IC3TES624 12.2024.10877432
312	Elwin, J. Granty Regina; Moumitha, R.; Raj Narayanan, B.; Rithik Raj, K.S.	AI-driven solution for analyzing and interpreting data from PDFs and other textual resources using RAG and Hybrid Retrieval Models	2025	Conference Paper	2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2025	10.1109/RMKMATE 64874.2025.110423 48
313	Raihana, A.; Sindhu, V.	Accessible Edugaming: Fostering Inclusive Learning Through Interactive Points, Leaderboards, and Confidence-Building Features	Apr-2025	Conference Paper	2nd International Conference on IT Innovations and Knowledge Discovery, ITIKD 2024	10.1109/ITIKD6357 4.2025.11005116
314	Immanuel, J. Samson	Adaptive Attribute-based Encryption(A-ABE) Framework for Securing Smart IoT Networks	Sep-2025	Conference Paper	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025	10.1109/ICSCSA66 339.2025.11171299
315	Iyer, Sreelakshmi S; Soundari D, V.; Swathi, S.; Thabasree, R.	Advanced Hybrid Crypto-Steganography with DHT Security Layers	Dec-2025	Conference Paper	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025	10.1109/ICIDCA663 25.2025.11280344
316	Sanmuga Priya, M.	Alzheimer's Disease Detection Using Deep Learning: A Googlenet-Based Classification Framework	2025	Conference Paper	Proceedings of the 9th International Conference on Inventive Systems and Control, ICISC 2025	10.1109/ICISC6584 1.2025.11188981
317	Kannan, Anbirkinian; Yasir Abdullah, R.	An Exploration of Diseases in the Human Eye Using Deep Learning Techniques	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0268018
318	Gowthami, S.	An Intelligent Machine Learning Framework for Melanoma Classification System: A Critique	2025	Conference Paper	Communications in Computer and Information Science	10.1007/978-3-031- 73068-9_14

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320	Aarruran, S.; Aravindhan, T.; Kavin, R.; Kesavan, Athi K; Kumar, Kousik V.G.	Automated Emergency Response System Using AI-Driven Patient Monitoring, Surveillance and Drug Delivery	2025	Conference Paper	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025	10.1109/STCR62650.2025.11019583
321	Govindasamy, Ranjitham	Automated Seizure Detection and Diagnosis using Cascaded Reflection Equivariant Visual Attention Quantum Neural Network with Dung Beetle Optimization Algorithm Applied to EEG Signals	Apr-2025	Conference Paper	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10941679
322	Kumar, V. Pranesh; Malini, T.; Raghuram, S.	Automatic Speed Control of DC Motors for High Priority Zones Using Radio Frequency Communication	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262247
323	Rangasamy, Saran; Selvabharathy, Ramanaa; Sivasubramaniam, Sasipriya; Surendrakumar, Sanjeev	Automatic power demand controller	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0247047
324	Bhalan, P. Koushick; Geethamani, R.; Kowsik, R.; Kumar, K.K. Kesava; Madhumita, A.K.; Prabu, M. Krishnamanikanda	Battery Management System to Find Accurate Timing Using Machine Learning	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0263763
325	Architha, B.; Charrunethra, C.R.; Elakiyaa, M.; Vanitha, U.	Book Recommendation System using Facial Recognition	Feb-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0247860
326	Chesima, M.; Harrish, V.; Kavi Raam Pranau, A.; Krishnan, Loganathan Navaneetha; Nandhakumar, T.	Cold Storage Monitoring System	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246681

327	Adhithan, R.M.; Barath, N.; Chelladurai, I.; Kumar, M. Harish; Radhika, A.	Cold Storage Monitoring System with Data Science	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0266414
328	Kandasamy, Jeevitha; Raghavan, Harish	Comparative Study of Machine Learning-based SoC Estimation Techniques for Hardware- Integrated Li-ion Battery Management Systems	2025	Conference Paper	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025	10.1109/ICoICI6521 7.2025.11253284
329	Akash, B.; Charan, D.; Dhayanand, B.; Duna, D.L.; Ms. Azhaguramyaa, V.R.	Cookroom Inventory Automation and Safety System leveraging IoT and Machine Learning	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0247552
330	Angumuthu, Karthick; Arumugam, Karan Karthick; Mumtaj, Asha Banu Saleem; Raju, Karthick	Crowd recognition system to Thwart Covid-19	Jan-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0247431
331	Sharmila, D.	DL-GIS Fusion for Spatiotemporal Vulnerability Mapping of Plantation Ecosystems Under Extreme Climate Events	Sep-2025	Conference Paper	2025 6th International Conference on Data Intelligence and Cognitive Informatics, ICDICI 2025	10.1109/ICDICI6647 7.2025.11135260
332	Ganesh, R. Senthil	Decision Systems in Cybersecurity: A Machine Learning Perspective	Mar-2025	Conference Paper	Smart Innovation, Systems and Technologies	10.1007/978-981- 96-0147-9_40
333	Abinaya, S.; Akshaya, H.; Dhanushtharan, M.; Latha Maheswari, T.; Reshma, Vijaya Kumar	Decision Theory and Risk Simulation Analysis for Optimizing Profit in Pay Later Service	2025	Conference Paper	Proceedings - 3rd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2025	10.1109/AIMLA6382 9.2025.11040191
334	Janani, R.	Deep Learning - Driven Sepsis Risk Forecasting with Composer -CNN - LSTM Integration	Aug-2025	Conference Paper	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings	10.1109/ICNGCS64 900.2025.11182898
335	Ashitha, G.; Tephila, M. Benedict; Titus, T. Joby	Deep Learning-Based Predictive System for Smart Agriculture	May-2025	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981- 96-1185-0_28

336	Shobana, G.	Deep Learning-Based User Behavior Prediction for IT Security and Fraud Detection	Jul-2025	Conference Paper	Conference on Computing and Data Science, ICCDS 2025	10.1109/ICCDS64403.2025.11209442
337	Bharathi, M. Sushil; Raj, P. Vinith; Thilip, I.; Tiwari, Ramji; Venkat, R. Sailes	Design and Development of Architecture and Safety Features of Borewell Drilling Machine	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262150
338	Devabalan, B.; Dhanush, B.; Kishor, G.; Selvaraj, Dinesh	Design and Fabrication of AGV for Material Handling Using RFID	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246914
339	Praveen, R.; Priyadharshini, R.; Shandru, S.; Subathra, P.	Design and Fabrication of Areca Palm Climbing Robot	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246679
340	Herbert Bevan, T.; Justin Maria Hillary, J.; Lakshmi Narayan, B.; Monish, M.	Design and Fabrication of Automated Vehicle for Material Handling in Hot Rolling Mills	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246505
341	Akash, M.K.; Balasubramanian, V.; Muthu Kumar, K.; Panneerselvam, S.	Design and Fabrication of Automated Yarn Spool Handling System	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246578
342	Manikandan, R.; Narendran, M.S.; Naveen Pandiyan, B.; Nethis Kumar, P.	Design and Fabrication of Automatic Guava Cutting Machine	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246678
343	Arni Murugan, S.; Dheeraj, A.; Helan Jemima, D.; Saran Sarvesh, R.; Vignesh, T.	Design and Fabrication of Library Management Bot	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246506
344	Balasubramani, S.; Roshiq Aklin, H.; Sabarishwaran, G.H.; Sandeep, R.; Sreeram, R.	Design and Fabrication of Machine Vision System for Knitting Machine	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246710
345	Kannaki, S.; Raghul, S.; Rubhavanan, N.; Shannon Abishek, S.; Sriram, K.; Vishwa, M.P.	Design and Fabrication of Material Handling and Machine Vision System for SCARA	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246233

346	Karthikeyan, B.; Kavinkumar, P.C.; Mugesh, R.; Nithya Priya, S.	Design and Fabrication of Multipurpose Agricultural Robot	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246621
347	Anthony Stallone Raj, G.; Balasubramani, S.; Bharath Ragavan, D.; John, Joseph Jebastin	Design and Fabrication of Oil Skimmer and Water Waste Collecting Robot	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246711
348	Bhuvaneswari, M.; Elango, C.; Jagadeeshwaran, S.; Mohamed Riyaz, J.S.	Design and Fabrication of Robotic Operating System based Autonomous Mobile Robot for Education and Material Handling Purpose	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246051
349	Ilaya Boopathi, U.; Johnson, Owshick; Panneerselvam, S.; Shannon Abishek, S.; Sooraj, S.; Vijeth, R.	Design and Implementation of Borewell Child Rescue System	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0248529
350	Vellaichamy, Anandkumar	Detection Methods for Jamming and Spoofing Attacks in IoT Systems	Sep-2025	Conference Paper	Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025	10.1109/ICSCSA66339.2025.11170969
351	Akash, K.; Devi, M.S.D.; Kumar, B. Deepan; Shashank, Ch.	Detection of Brain Tumor Using Deep Learning Algorithm	Mar-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0264203
352	Govindasamy, Ranjitham	Detection of Lung Cancer in Histopathological Images Utilizing Self-Guided Quantum Generative Adversarial Network with Cat Hunting Optimization	Mar-2025	Conference Paper	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings	10.1109/ICSADL65848.2025.10933406
353	Abishek, R.; Akash, M.K.; Balasubramanian, Kaliyaperumal; Gowthaman, S.	Determination of Contact Angles on Different Surface Preparations of Ti6Al4V Alloy Implants to Study the Wettability Nature	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246851
354	Gowthamani, R.; Madhumitha, R.; Mugil, S.; Naveen, M.; Oswalt Manoj, S.	Edge-AI Framework for Intrusion Detection in IIoT Networks Using Enhanced Deep Convolutional Neural Networks	2025	Conference Paper	2025 IEEE 2nd International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2025 - Proceedings	10.1109/AMATHE65477.2025.11081199

355	Raihana, A.	Effective Task Scheduling based on Candidate Optimization Algorithm (COA) in Heterogeneous NoC-Based MPSoC	2025	Conference Paper	Proceedings - 4th International Conference on Smart Technologies, Communication and Robotics 2025, STCR 2025	10.1109/STCR6265.0.2025.11019139
356	Elakiya, K.P.; Harsitha, K.; Hasmathasila, S.; Raj, A. Albert	Efficient Polar Code Decoding Architecture for 5G Networks	Mar-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262180
357	Prannesh, N.K.; Priyadharshini, S.	Emotion Prediction using Keystroke Dynamics: A Comparative Study of Machine Learning Models	2025	Conference Paper	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025	10.1109/ICIMIA671.27.2025.11200823
358	Palani, S.	Empowering Autonomous Vehicles to Make Challenging Options in Unexpected Circumstances with Hybrid Learning	2025	Conference Paper	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025	10.1109/ICSCDS65426.2025.11167771
359	Durga, V.; Gowthamani, R.; Kaviyavarshini, V.; Kiruthik, K.B.; Kokul Kanna, S.	Enhanced Sentiment Analysis on Amazon Product Searches: Leveraging XGBoost Insights	2025	Conference Paper	Proceedings of the 7th International Conference on Intelligent Sustainable Systems, ICISS 2025	10.1109/ICISS6337.2.2025.11076212
360	Jayaraman Rajanedirani, Dinesh Kumar; Ramasamy, Balaji Venkatesalu; Sakthivel Raj, N.; Sanjai Kumar, N.; Sasi Kumar, P.	Enhancing Brain Tumour Classification from MRI's Dataset Using CNNs with Attention Mechanism for Improved Accuracy	Feb-2025	Conference Paper	5th International Conference on Sustainable Communication Networks and Application, ICSCNA 2024 - Proceedings	10.1109/ICSCNA63714.2024.10864207
361	Maruthi Shankar, B.	Enhancing Cyber Threat Intelligence with AI and ML: An Ensembled Approach	Mar-2025	Conference Paper	Smart Innovation, Systems and Technologies	10.1007/978-981-96-0143-1_41
362	Malathi, S.	Enhancing Cybersecurity with AI: Anomaly Detection in Network Traffic	Mar-2025	Conference Paper	Proceedings - 1st International Conference on Frontier Technologies and Solutions, ICFTS 2025	10.1109/ICFTS62006.2025.11031641
363	Subramani, Sivaranjani	Enhancing Data Security and Privacy in Cloud Computing: A Survey of Modern Techniques	2025	Conference Paper	3rd International Conference on Intelligent Data Communication Technologies and Internet of Things, IDCloT 2025	10.1109/IDCIOT64235.2025.10914776

364	Kumar, R. Arun	Enhancing Glass Fiber-Reinforced Composites: Carbon Nanostructures Using Alternative Catalysts for Improved Interfacial Bonding	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0261788
365	Karuppusamy, E.	Enhancing Performance through the Integration of LSTM and ARCH Model for Monitoring and Predicting Air Pollution	2025	Conference Paper	1st International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies, CE2CT 2025	10.1109/CE2CT640 11.2025.10941673
366	Devadoss, Mahendiran Ponnambalam	Enhancing the Accuracy of Demand Forecasts by Incorporating Twitter Sentiment Analysis into Existing Inventory Management Algorithms for Smartphones in North American Retail Stores	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262041
367	Manohar, Sanjana; Sanjay, S.; Sathiyendran, S.; Selvi, C. Thirumarai	Epilepsy Detection using EEG Signals	Oct-2025	Conference Paper	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings	10.1109/ICNGCS64 900.2025.11182999
368	Kumar, R. Arun	Experimental Investigation and Optimization of Stir Casting Parameters for Magnesium Hybrid Metal Matrix Composites Reinforced with Silicon Carbide and Rice Husk Ash	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262743
369	Kannaki, S.; Selvalakshmi, S.U.; Sharmietha, S.P.; Sooraj, S.; Sruthi, S.; Vijeth, R.	Fabrication of multi-Purpose 3D Printer (3D Printer, CNC & Laser Engraving)	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246234
370	Sindhu, V.	Facial Recognition and Manual Verification Automation Device for polling booths (DigiVoter)	Mar-2025	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-97-8946-7_11
371	Vijayakumar, Nandalal	Fault Detection and Diagnosis in Wireless Sensor Networks Leveraging Transformer Models	Feb-2025	Conference Paper	2024 2nd International Conference Computational and Characterization Techniques in Engineering and Sciences, IC3TES 2024	10.1109/IC3TES624 12.2024.10877448
372	Karthic, D.R.; Lincyjoanofarc, A.; Nithyasri, K.; Poovaragavan, A.; Ramana, M.; Thangaraj, Kokilavani	Fault Detection in Induction Motor Using ML	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0263366

373	Sinduja, K.	Feed Forward Neural Network based Prediction of Gene Expression Changes for Immune Responses in Recurrence Cervical Cancer	Feb-2025	Conference Paper	3rd International Conference on Electronics and Renewable Systems, ICEARS 2025 - Proceedings	10.1109/ICEARS64219.2025.10940993
374	Palaniappan, Shanthi	Forecasting the Material Extraction Rate of Inconel 625 Alloy in Micro Electrochemical Drilling through Machine Learning Approaches	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246162
375	Bhuvanewari, M.; Feroz Ali, L.; Seenivasan, Madhankumar	Forecasting the Material Removal Rate of Inconel 718 Alloy in Electrochemical Machining through Machine Learning Approaches	2025	Conference Paper	SAE Technical Papers	10.4271/2024-01-5253
376	Akilesh, M.; Chandrasekaran, M.R.; Dharaneesh, P.; Diwyanth, K.; Ms. Azhaguramyaa, V.R.	Fusion of AI and Blockchain for Ensuring Security and Transparency in Voting System	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246610
377	Aakash Raja, K.M.; Abishek, V.S.; Bharathevaasan, G.; Titus, T. Joby	Fuzzy-Based Routing Scheme with Reliable Transmission Enhanced by Deep Learning for Wireless Sensor Networks	Feb-2025	Conference Paper	2024 International Conference on System, Computation, Automation and Networking, ICSCAN 2024	10.1109/ICSCAN62807.2024.10894471
378	Selvi, C. Thirumarai; P. Seleena; Shruthika, A.K.; Srinidhi, S.	Heart Disease Prediction using Feature-Optimized ML and Hybrid Deep Learning Models	Sep-2025	Conference Paper	Proceedings of 3rd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2025	10.1109/ICSCDS65426.2025.11166866
379	Jayaprakash, Karthika; Kanishka, M.; Mehala, A.; Nehha, B.; Nisha, M.	High Precised SOC and SOD Detection for Charge Controlled E-Vehicle	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0264778
380	Abikumar, S.; Akash, S.; Dharshini, M.; Kumar, R. Sarath	High-Efficiency Inductive Charging for EVs with Integrated Thermal Safety and Foreign Object Debris Mitigation	Sep-2025	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2025	10.1109/ICCMC65190.2025.11140707
381	Rohini, M.	Honeypot-based IDS for Cyber Attack Detection	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0245939
382	Vishnu Pandi, N.P.	Hybrid Artificial Intelligence-Based Control of Standalone PV Systems: A Resilient Energy Management Framework for Indian Climates	2025	Conference Paper	INDISCON 2025 - IEEE 6th India Council International Subsections Conference, Proceedings	10.1109/INDISCON66021.2025.11252361
383	Shanbala, M.; Srinithi, M.; Sruthi, R.; Subash, J.; Swethaa, J.V.	Hybrid Renewable Energy Charge Controller with Automatic Source Switching Technique	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0268091

384	Alageshwaran, S.; Haridharan, E.; Jegan, K.; Jerald, J.; Tiwari, Ramji	Impact Study of a MG with Battery Energy Storage System and Hybrid Distributed Energy Resources Using MATLAB Simulink and T-Test Analysis	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262149
385	Nazreen, S. Vajitha	Integration of IoT in Medical Infrastructure: A Review	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262222
386	Maruthi Shankar, B.	Intelligent Decision-Making in Cybersecurity Using Machine Learning	Mar-2025	Conference Paper	Smart Innovation, Systems and Technologies	10.1007/978-981-96-0147-9_36
387	Shobana, G.	Intelligent Energy Harvesting from Biodegradable Waste Using Wireless Sensor Networks and Machine Learning Techniques	Feb-2025	Conference Paper	4th International Conference on Sentiment Analysis and Deep Learning, ICSADL 2025 - Proceedings	10.1109/ICSADL65848.2025.10933298
388	Aaisf, H.; Dharun, R.; Giridhar Babu, S.N.; Henry, A.E.; Kaliyamoorthy, Ananthi	Internet of Things Enabled Autonomous Braking Control for Electric Vehicles	2025	Conference Paper	Proceedings of 7th International Conference on Inventive Material Science and Applications, ICIMA 2025	10.1109/ICIMA64861.2025.11074043
389	Palaniraj, Saravanakumar; Pravin, S.; Sanjay, M.; Ugesh, G.	Investigating the Effectiveness of Different Shear Reinforcement Configurations on the Shear and Flexural Behaviour of RCC Beams	2025	Conference Paper	Procedia Structural Integrity	10.1016/j.prostr.2025.07.087
390	Gunasekaran, K.N.	Investigation on the mechanical behavior of wheat straw fiber reinforced polypropylene composites	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0276027
391	Senthil, J.	IoT Network Anomaly Detection in Smart Homes Environment using Hybrid Machine Learning Approach	2025	Conference Paper	Proceedings of 8th International Conference on Inventive Computation Technologies, ICICT 2025	10.1109/ICICT64420.2025.11005081
392	Malini, T.	IoT-Enabled Smart Irrigation System with ABiLSTM for Optimized Water Management and Crop Yields	2025	Conference Paper	3rd International Conference on Integrated Circuits and Communication Systems, ICICACS 2025	10.1109/ICICACS65178.2025.10967760
393	Anuvarshini, S.; Harshini, S.; Nanthini, N.	IoT Based Smart Vehicle Safety System And Collision Detection	Oct-2025	Conference Paper	2025 8th International Conference on Circuit, Power and Computing Technologies, ICCPCT 2025	10.1109/ICCPCT65132.2025.11176639
394	Bhuvaneshwari, K.; Lakshmi Praba, S.; Nandhanaa, K.S.; Ponnusamy, Vinoth Kumar; Tamilselvan, Kesavan	Leveraging Generative AI in Electric Vehicles for Enhanced Driver Safety and Advanced Communication Systems	2025	Conference Paper	Proceedings of 2025 2nd International Conference on Cognitive Robotics and Intelligent Systems, ICC - ROBINS 2025	10.1109/ICC-ROBINS64345.2025.11086338

395	Karthikeyan, M.; Krishnaraj, G.; Siva Subramanian, R.	Light Spectrum Optimization based Adaboost SVM for the Secured Communication in Vehicular Ad Hoc Network	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246967
396	Poonguzhali, P.K.	ML-based Heart Disease Prediction: Naive Bayes and Decision Tree Performance Comparison	Oct-2025	Conference Paper	Proceedings of the 7th International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2025	10.1109/ICIDCA663 25.2025.11280487
397	Vizhiyarasi, S.	Machine Learning-driven Building Energy Management System (BEMS) with IoT Sensors	2025	Conference Paper	International Conference on Electrical Energy Systems, ICEES	10.1109/ICEES670 11.2025.11213154
398	Dhyaneswaran, J.; Selvaraj, Malathi; Dhyaneswaran, J.	Microstructure and Strength of Zinc-Molybdenum Steel Joints Brazed with Nickel-Chromium-Zinc Filler Metal	2025	Conference Paper	SAE Technical Papers	10.4271/2024-01- 5255
399	Selvi, C. Thirumarai; Sharan, A.; Sivaramakrishnan, S.; Varun, R.; Vikas, V.	Modeling and Development of Triple Band Siw Cavity Backed Antenna for IoT Applications	Oct-2025	Conference Paper	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings	10.1109/ICNGCS64 900.2025.11183153
400	Lakhan, A. Suswanth; Prakash, S. Sanjay; Sanjay, S.; Saravanan, V.; Subramani, Sivaranjani	Modular Multilevel Inverter Fed BLDC Motor Speed Control Using Voice command	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262275
401	Chandran, M.S. Kiran; Karthikeyan, K.; Prabu, M. Krishnamanikanda; Radhakrishnan, G.; Raja, V. Karthick	Multiple Disorder Detection and Gait Analysis Using Machine Learning	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262014
402	Ajin Ribia, P.; Dharshini, M.; Jacindha, R.; Vijayakumar, Nandalal	Navigating Autism Detection and Guided Growth with Machine Learning	Feb-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0248562
403	Kirubhakaran, D.; Kumar, K. Naveen; Mohana Geetha, D.; Prashad, S. Kavin	Oil Spill Detection in Seas and Oceans	Mar-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0265932

404	Malini, T.	Optimization and Analysis of Electric Vehicle Charging Systems using PMLP-PSVM-MLR Approach	2025	Conference Paper	2025 International Conference on Intelligent Computing and Knowledge Extraction, ICICKE 2025	10.1109/ICICKE65317.2025.11136756
405	Seenivasan, Madhankumar	Optimization of Output Responses in Electrical Discharge Machining of Al6063 Alloy Composites with Silicon Carbide and Fly Ash	2025	Conference Paper	SAE Technical Papers	10.4271/2024-01-5252
406	Maheshwari, Thangamuthu Latha	Optimized Time Aware Attention and Time Sliced Knowledge Graph Embedded Deep Network for Recommendation System	2025	Conference Paper	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025	10.1109/ICIRCA65293.2025.11089675
407	Arumugam, Sajeev Ram	Optimizing Tomato Leaf Disease Identification Using a Hybrid Spatial-Temporal Model and Attention Mechanism	2025	Conference Paper	Communications in Computer and Information Science	10.1007/978-3-031-86296-0_8
408	Pugalendhi, G.S.	Optimizing the Allocation of Dynamic Workloads in Cloud Infrastructure through the Use of Machine Learning for Cost-Effective Cloud Resource Management	2025	Conference Paper	2025 International Conference on Intelligent Control, Computing and Communications, IC3 2025	10.1109/IC363308.2025.10957371
409	Vigneshwari, N.	Performance analysis of gate metal impact on InAlN/GaN/AlGaIn HEMT for High-Speed RF applications	Jul-2025	Conference Paper	2025 IEEE 2nd International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2025 - Proceedings	10.1109/AMATHE65477.2025.11080714
410	Prannesh, N.K.; Priyadharshini, S.	Phishing Websites Detection using Machine Learning Model	2025	Conference Paper	Proceedings of the 4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025	10.1109/ICIMIA67127.2025.11200653
411	Kavya, V.; Megavardhini, S.; Prithika, P.; Rakshana, V.S.; Thangaraj, Kokilavani	Portable Manure Spreading Trolley for Farmland	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0263365
412	Anshika, Hamlin A.; Gowthami, S.	Powering The Future: Harnessing Renewable Energy Through Piezoelectric-Enhanced Solar Management	Jan-2025	Conference Paper	6th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2025 - Proceedings	10.1109/ICMCSI64620.2025.10883538
413	Bhuvaneswari, M.	Prediction of Ultimate Tensile Strength of Dissimilar Substances Welding using Random Forest Regression	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246511

414	Sasindharan, S.	Quantum Artificial Intelligence: Unlocking the Future of Technology	2025	Conference Paper	Proceedings - International Conference on Next Generation Communication and Information Processing, INCIP 2025	10.1109/INCIP64058.2025.11019935
415	Madhu Priya, R.; Mohamad Aasif, J.; Mrinalini, K.; Ms. Azhaguramyaa, V.R.	REDACT: PII Redaction and Privacy Protection with Ollama Integration	2025	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2025	10.1109/ICCMC65190.2025.11140717
416	Janani, R.	Real-Time Tomato Leaf Disease Detection and Diagnosis Using Deep Learning-Based Computer Vision Techniques	Feb-2025	Conference Paper	Springer Proceedings in Mathematics and Statistics	10.1007/978-3-031-51338-1_58
417	Remya, R.	Recognition of Handwritten Characters using Deep Learning Algorithms	Sep-2025	Conference Paper	Proceedings - 2025 IEEE International Conference on Compute, Control, Network and Photonics, ICCCNP 2025	10.1109/ICCCNP63914.2025.11233751
418	Kousika, N.	Secured Data Retrieval from Cloud using Attribute Based Encryption	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0247612
419	Senthil Raja, D.	Sleep Disorder Prediction Using CNN and Bidirectional LSTM	2025	Conference Paper	2025 International Conference on Next Generation Computing Systems: Intelligent System for Sustainable Development, ICNGCS 2025 - Conference Proceedings	10.1109/ICNGCS64900.2025.11183278
420	Aadhishwaran, K.; Allen, Chris J.; Aravind, P.; Vigneshwari, N.	Smart Assistive Stick with GPS and Heart Rate Monitoring	2025	Conference Paper	Proceedings of 3rd International Conference on Intelligent Cyber Physical Systems and Internet of Things, ICoICI 2025	10.1109/ICoICI65217.2025.11252569
421	Karpagam, Mysamy; Sharnitha, T.; Shruthishree, N.; Sree, S. Vithya	Smart Automation of Energy Grid Using Internet of Things	Mar-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0268073
422	Karthikeyan, R.; Prakash, Prathap; Sreeram, G. Mithun; Subramani, Sivaranjani	Smart Domestic Wireless Charger for Electric Vehicles	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0262276
423	Renugadevi, G.	Smart Fault Diagnosis with Deep Learning for Predictive Maintenance	2025	Conference Paper	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025	10.1109/ICCTDC64446.2025.11158760

424	Akram, B. Wasim; Geethamani, R.; Sankar, M.M. Shiva; Thangapandian, N.; Yuvaraj, S.	Smart Hydroponic System	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0263764
425	Ali, Mohamed Ismail Asraf; Balasubramaniam, Maruthi Shankar; Jothikrishnan, Kavin; Sundaram, Parasaran Meenashi	Smart Reader and Obstacle Detector for Visually Impaired	Mar-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0268036
426	Kannan, Daranidaran; Raviekumaran, Gowtham; Sivasubramanian, Sasipriya; Sridhar, Gokul	Smart electricity-bill monitoring and controlling system	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0247654
427	Kavin, R.; Santhiya, L.; Saranya, K.; Sneha, S.	Solar Fault Detection	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0263057
428	Nithya Priya, S.; Sivasankaran, G.; Soorya, V.; Sureshkumar, S.; Yogeshprabhu, D.	Solar Powered Remote Controlled Grass Cutter	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0246622
429	Akash, K.; Arigarasudhan, M.R.; Arulrajan, P.; Baranidharan, A.; Karthikeyan, B.	Solar and Wind Energy Integrated System Frequency Control	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0263920
430	Janani, R.	Spherical Convolutional Maskr-Net Osprey Optimization Algorithm for Accurate Identification of Crops Diseases in Smart Agriculture	Jul-2025	Conference Paper	Proceedings of the 6th International Conference on Inventive Research in Computing Applications, ICIRCA 2025	10.1109/ICIRCA65293.2025.11089723
431	Mohana Geetha, D.	Synergistic Impact of Silane-Modified Nano-CaCO ₃ Particles on the Mechanical Behavior of Kevlar Fiber/Epoxy Composites	Apr-2025	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/3045/1/012009
432	Jaisankar, S.	The Three-Wheeler Shift: The Unified Approach to Understanding the Adoption Factors of Electric Three-Wheelers: Combining UTAUT, NAM and Brand Consciousness	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0245942

433	Ganesh, R. Senthil	Towards Trustworthy Networks: A Collaborative Federated Learning Paradigm for Security Enhancement	Mar-2025	Conference Paper	Smart Innovation, Systems and Technologies	10.1007/978-981-96-0139-4_37
434	Balasubramani, Rajasekar; Chinnasamy, Vignesh; Muthukrishnan, Ramkumar; Rajbarath, Ramachandran	Tracking and Monitoring Kit for Alzheimer Patients	Mar-2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0268200
435	Govindharaj, Aravind; Narayanan, Kalaivani; Ravi, Aswinkumar; Selvanathan, Aristo Vince	Traffic sign detection and analysis using sequential modeling	2025	Conference Paper	AIP Conference Proceedings	10.1063/5.0249674
436	Glory Santha Vinothini, A.	Variable Frequency Carrier Based Modulation scheme for Switched Capacitor Based Voltage Gain 9-Level Inverter	2025	Conference Paper	2025 International Conference on Computing Technologies, ICOCT 2025	10.1109/ICOCT64433.2025.11118710
437	Dhivagar, R.; Feviliya, J.; Gajendran, S.	Visualized Cognitive Training Using Virtual Reality	Oct-2025	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-3-032-07986-2_24
438	Jennifer, R. Reebea; Sivakami, K.; Jennifer, R. Reebea; Sivakami, K.	A Novel Machine Learning Model on EEG Signals-Based Driver's Drowsiness Detection System	2025	Book Chapter	Machine Learning for Neurodegenerative Disorders: Advancements and Applications	10.1201/9781032661025-10
439	Jennifer, R. Reebea; Ramasamy, Balaji Venkatesalu; Jennifer, R. Reebea; Ramasamy, Balaji Venkatesalu	A Unique Machine Learning Approach to Intracranial Lesion Detection by Dual Segmentation for Anisotropically Diffused MRI Images	2025	Book Chapter	Machine Learning for Neurodegenerative Disorders: Advancements and Applications	10.1201/9781032661025-9
440	Karpagam, Mysamy	A study on EDGE AI application in crop monitoring	2025	Book Chapter	Edge of Intelligence: Exploring the Frontiers of AI at the Edge	10.1002/9781394314409.ch2
441	Kavitha M.	AI-powered tools to enhance the stages of software development	2025	Book Chapter	Artificial Intelligence for Cloud Native Software Engineering Open source preview	10.4018/979-8-3693-9356-7.ch017
442	Keerthika, T.	Applications, Enabling Technologies, Vision of Edge Artificial Intelligence for 6G	2025	Book Chapter	Advances in AI for Cloud, Edge, and Mobile Computing Applications	-
443	Sathishkumar, A.; Soundararajan, Ranganathan	Apprise the Microstructural and Mechanical Properties in Dissimilar Friction Stir Welded AA5083-AA8011 Alloys	2025	Book Chapter	Advances in Solid-State Welding and Processing of Metallic Materials	10.1201/9781003513926-14

444	Vigneshwaran, M.	Blockchain Empowered Pharmaceuticals: A Paradigm Shift in Drug Development and Supply Chain Management	2025	Book Chapter	Blockchain in Health Sciences	10.1002/9781394336043.ch10
445	Kousika, N.; Latha Maheswari, T.; Majidha Fathima, K.M.	Blockchain in Action Across the Supply Chain: Ethical Sourcing and Blockchain Verification	2025	Book Chapter	Sustainable Supply Chains and Carbon Footprint Reduction: The Blockchain Advantage	10.1002/9781394423415.ch11
446	Kousika, N.	Blockchain-enabled Water Supply Chain Management: A Decentralized Approach to Sustainability and Efficiency	2025	Book Chapter	Blockchain and the Water Supply Chain: Opportunities, Challenges and Innovations	10.1002/9781394417803.ch2
447	Prakash, T. Bharani; Subramani, Sivaranjani	Case Studies and Applications of AI in the Mechatronics Sector	2025	Book Chapter	Handbook of AI-Based Mechatronics Systems and Smart Solutions in Industrial Automation	10.1201/9781032615790-14
448	Seenivasan, Madhankumar	Co-production of Bi-methanol from Biomass	2025	Book Chapter	Comprehensive Methanol Science: Production, Applications, and Emerging Technologies: First Edition, Volume 1-4	10.1016/B978-0-443-15740-0.00036-7
449	Rajendran, Chinnasamy; Velmurugun Parameswari, Srinivasan	Correlation between the Materials' Flow Behavior and the Strength of Friction Stir Welded AA2014 Aluminum Alloy Joints	2025	Book Chapter	Advances in Solid-State Welding and Processing of Metallic Materials	10.1201/9781003513926-15
450	Chandraraju, Thirumarai Selvi	Degradation of Organic Contaminants in Wastewater via Hydrodynamic Cavitation Technology	2025	Book Chapter	Handbook of Sustainable Industrial Wastewater Treatment	10.1201/9781003496649-5
451	Govindasamy, Ranjitham	Deployment of 5G Drones: Technical Challenges and Solutions for Special Uses Cases for Smart Agriculture	2025	Book Chapter	Digital Technologies and Tools for Smart Agriculture	10.1201/9781003487005-10
452	Vigneshkumar, Murugesan	Designing the Future: The Impact of Computational Intelligence in Industry	2025	Book Chapter	Computational Intelligence Solutions for Real-Life Problems	10.1201/9781998511013-6
453	Kandasamy, Ramesh	Development of an Artificial Neural Network Model for Performance Analysis, Modeling and Evaluation of Membranes in Reverse Osmosis Desalination Plants	2025	Book Chapter	Signals and Communication Technology	10.1007/978-3-031-68952-9_60
454	Manikandan, R.	Digital Twin Technologies in Manufacturing Industries	2025	Book Chapter	Efficient Energy Utilization and Emission Reduction Strategies in Plant Operations	10.1201/9781003452072-4
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458	Seenivasan, Madhankumar	Environmental Challenges and Economic Assessment of Methanol Production Process	2025	Book Chapter	Comprehensive Methanol Science: Production, Applications, and Emerging Technologies: First Edition, Volume 1-4	10.1016/B978-0-443-15740-0.00041-0
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460	Muthukumar, K.	Industrial Automation and AI in Mechatronics Industry	2025	Book Chapter	Handbook of AI-Based Mechatronics Systems and Smart Solutions in Industrial Automation	10.1201/9781032615790-9
461	Ali, L. Feroz	Integration of Internet of Medical Things (IoMT) and Artificial Intelligence Applications in Healthcare and Medicine – A Multi-Disciplinary Perspective	2025	Book Chapter	Industry 5.0 for Society 5.0: Advancing Medical IoT and Smart Healthcare	10.2174/9798898810450125010007
462	Tamilselvi, S.	Intelligent Transportation and Traffic Management	2025	Book Chapter	The Intersection of 6G, AI/Machine Learning, and Embedded Systems: Pioneering Intelligent Wireless Technologies	10.1201/9781003540212-14
463	Ananth, John Patrick; Manoj, S. Oswalt	Interactive Data Management for Cancer Care: Leveraging Electronic Health Records and Proteomic Data	2025	Book Chapter	Targeted Chemotherapy with Personalized Immunotherapy: An AI Approach	10.1002/9781394270613.ch20
464	Bhuvaneswari, M.	Interpretable AI in Healthcare: Frameworks, Applications, and Future Directions	2025	Book Chapter	Interpretable and Trustworthy AI: Techniques and Frameworks	10.1201/9781003587781-14
465	Ponnusamy, Vinoth Kumar	Introduction to Next-Generation Energy Management and Need for AI Solutions	2025	Book Chapter	Artificial Intelligence for Next-Generation Energy Management	10.1002/9781394303021.ch1
466	Krishnan, Loganathan Navaneetha	IoT Cloud Architecture for 3D Printers: Assessing the Impact of Printing Parameters on Energy Consumption	2025	Book Chapter	Technological Applications for Smart Sensors: Intelligent Applications for Real-Time Strategies	10.1201/9781003610717-12

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468	Yuvaraj, Kunnathur Periyasamy	Machine Learning for Sentiment Analysis Using Social Media Scrapped Data	2025	Book Chapter	Natural Language Processing for Software Engineering	10.1002/9781394272464.ch9
469	Sarath Kumar, R.	Quantum Computing in Industry: Unveiling Applications and Opportunities	2025	Book Chapter	Quantum Computing and Artificial Intelligence: The Industry Use Cases	10.1002/9781394242399.ch12
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472	Ramadevi, V.	The Impact of Social Media Influencers on Consumer Purchasing Behavior in Social Commerce Platforms	2025	Book Chapter	Studies in Systems, Decision and Control	10.1007/978-3-031-67890-5_41
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474	Govardhanan, Kousalya	Interpretable and Trustworthy AI: Techniques and Frameworks	2025	Book	Interpretable and Trustworthy AI: Techniques and Frameworks	10.1201/9781003587781
475	Rajendran, Chinnasamy; Varthanan, P. Ashoka	Correction to: Simulation based swarm intelligence optimization to develop manufacturing distribution plan (International Journal on Interactive Design and Manufacturing (IJIDeM), (2025), 19, 5, (3855-3865), 10.1007/s12008-024-01980-2)	2025	Other	International Journal on Interactive Design and Manufacturing	10.1007/s12008-024-02053-0
476	Suganthi, P.	UV protective finish on cotton and viscose woven fabric	2025	Other	Asian Textile Journal	-
477	Soundararajan, Ranganathan	A Comparison Study on Detailed Strengthening mechanism analysis on micro structure and mechanical properties of 3 phases FGM Material with vibrational behavior analysis is fabricated using WAAM process and traditional method	2024	Article	Journal of Alloys and Compounds	10.1016/j.jallcom.2024.175543
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479	Thangaraj, Kokilavani	A Novel Approach Using Transfer Learning Architectural Models Based Deep Learning Techniques for Identification and Classification of Malignant Skin Cancer	2024	Article	Wireless Personal Communications	10.1007/s11277-024-11006-5

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491	Rajalakshmi, K.	AN ENCRYPTION METHOD FOR OPTIMIZING REPLICAS IN CLOUD COMPUTING PLATFORM USING PACKING COLORING	2024	Article	Proceedings of the Jangjeon Mathematical Society	10.17777/pjms2024.27.1.17

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494	Ramasamy, Balaji Venkatesalu	ASIC Design and Implementation of 32 Bit Arithmetic and Logic Unit	Aug-2024	Article	EAI Endorsed Transactions on Energy Web	10.4108/EW.6035
495	Begum, R. Suraj	Academic researchers, come on! Integrate social media in pedagogy	2024	Article	International Journal of Evaluation and Research in Education	10.11591/ijere.v13i5.29651
496	Praseetha, S.; Sivasubramanian, Sasipriya	Adaptive Dual-Layer Resource Allocation for Maximizing Spectral Efficiency in 5G Using Hybrid NOMA-RSMA Techniques	Nov-2024	Article	International Journal of Computational and Experimental Science and Engineering	10.22399/ijcesen.665
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541	Sangeetha, M.	Design and Synthesis of Linear Acetamides as Cholesterol Lowering Agents	2024	Article	Russian Journal of Bioorganic Chemistry	10.1134/S106816202405008X
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554	Vigneshkumar, Murugesan	Dynamic Mechanical Analysis of Aegle Marmelos / Epoxy matrix Reinforced with Snake Grass Fibre Composite	2024	Article	Materiale Plastice	10.37358/MP.24.4.5739
555	Yuvaraj, Kunnathur Periyasamy	ELECTROCHEMICAL OXIDATION PROCESS INTENSIFICATION USING NOVEL ELECTRODE MATERIALS FOR ENHANCED POLLUTANT DEHYDRATION	2024	Article	Oxidation Communications	-
556	Jeyakumar, Rengaraj	EVALUATION OF PHYSICO-MECHANICAL, WATER ABSORPTION AND THERMAL PROPERTIES OF ALSTONIA MACROPHYLLA FIBER REINFORCED POLYPROPYLENE COMPOSITES	2024	Article	Cellulose Chemistry and Technology	10.35812/Cellulose ChemTechnol.2024.58.51

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558	RAJESWARAN, Siva Subramanian	EXPERIMENTAL STUDY ON HEAT TRANSFER CHARACTERISTICS OF DIMPLED SURFACE THERMOSYPHON WITH Al ₂ O ₃ NANOFUID	2024	Article	Thermal Science	10.2298/TSCI230816267R
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561	Vigneshkumar, Murugesan	Effect of process parameters on abrasive water jet machining of natural and synthetic fibre reinforced polymer composites: a review	2024	Article	International Journal of Abrasive Technology	10.1504/IJAT.2024.145168
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575	Ramesh, Rajappa	Enhancing Predictive Maintenance in Water Treatment Plants through Sparse Autoencoder Based Anomaly Detection	2024	Article	Journal of Machine and Computing	10.53759/7669/jmc202404027
576	Rasi, D.	Enhancing Small Target Detection in Aerial Imagery with Bi-PAN-FPN and EDMOA-Optimized YOLOv8-s	2024	Article	Journal of Machine and Computing	10.53759/7669/jmc202404084
577	Palaniraj, Saravanakumar	Enhancing concrete performance through iron slag substitution: analysis of mechanical, durability and microstructural studies	2024	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0405
578	Ramamoorthi, R.	Enhancing microstructural and mechanical properties of magnesium AZ31 matrix composites through friction stir processing incorporating silicon carbide, titanium carbide, and graphite particles	2024	Article	Materials Research Express	10.1088/2053-1591/ad5cdc
579	Ramamoorthi, R.	Enhancing solid waste sustainability with iroko wooden sawdust and african oil bean shell particle-strengthened epoxy composites	2024	Article	Global Nest Journal	10.30955/gnj.005467
580	Rajendran, Chinnasamy	Enhancing tensile properties of pulsed CMT–MIG welded high strength AA2014-T6 alloy joints: Effect of post weld heat treatment	2024	Article	International Journal of Lightweight Materials and Manufacture	10.1016/j.ijlmm.2023.10.004
581	Ramya, U.M.	Environmental Management through Machine Learning-based Fish Species Classification for Sustainable Fisheries	Dec-2024	Article	Journal of Environmental Nanotechnology	10.13074/jent.2024.12.242651

582	Maruthi Shankar, B.	Ethical hacking and penetration testing strengthening cybersecurity posture through offensive security measures	Jun-2024	Article	Journal of Discrete Mathematical Sciences and Cryptography	10.47974/JDMSC-1983
583	Yuvaraj, Kunnathur Periyasamy	Evaluating the Wear and Mechanical Properties of Cotton Fabrics for Women's Summer Clothing †	2024	Article	Engineering Proceedings	10.3390/engproc2024061015
584	Sathishkumar, A.; Soundararajan, Ranganathan	Evaluating the impact of post-processing on the wear and friction properties of polyamide 6 carbon fiber composites produced by fused deposition modeling	2024	Article	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089241300001
585	Ramasamy, Hemavathi	Evaluation of concrete performance incorporated with amine group corrosion inhibitor	2024	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0146
586	Soundararajan, Ranganathan	Evolution of Tribological Performance of Polypropylene with Carbon Fibre Composites Fabricated Through FDM Technology by Varying Infill Density	2024	Article	Journal of The Institution of Engineers (India): Series D	10.1007/s40033-023-00503-9
587	Veerappan, Gopathy	Experimental and numerical analysis on the cutting force, cutting temperature, and tool wear of alloy steel (4340) during turning process	2024	Article	AIP Advances	10.1063/5.0227710
588	Santhiya, S.	Exploration of Nalg-Closed and Nalg-Open Sets in Nano Ideal Topological Spaces with Practical Applications of Nano Ideal Topological spaces	2024	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v31.1058
589	Selvan, T.A.	Exploring the Metallurgical and Mechanical Characteristics of Magnesium/Silicon Carbide Surface Composites Manufactured via Friction Stir Processing	2024	Article	Journal of The Institution of Engineers (India): Series D	10.1007/s40033-023-00568-6
590	Karthikeyan, S.	FPGA Based Integrated Control of Brushless DC Motor for Renewable Energy Storage System	2024	Article	Cybernetics and Systems	10.1080/01969722.2023.2177799
591	David, Pritima; Gopathy, Veerappan	Fabrication and development of high temperature resisted bronze composites using 3D printed gate pattern through stir casting route	2024	Article	Thermal Science and Engineering Progress	10.1016/j.tsep.2024.102710
592	Anantraj, I.; Mary Ani Reka, A.	Fidelity-Guided Restoration: Balancing Noise Reduction and Texture Preservation for Enhanced Image Details	2024	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v31.1232
593	Justin Maria Hillary, J.	Friction and wear optimization of SiC/graphite reinforced AZ31 hybrid composite using Taguchi method	2024	Article	International Journal on Interactive Design and Manufacturing	10.1007/s12008-023-01687-w
594	Anantraj, I.	Fuzzy Horizon: Unveiling the Fog of Uncertainty with Cognitive Cartography and Fuzzy Logic Fusion	2024	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v31.1461
595	Devi, M.S.D.; Sudhir, Sophia	GA-CNN: Analyzing student's cognitive skills with EEG data using a hybrid deep learning approach	Apr-2024	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2023.105888
596	Subramaniyam, Balu Mahandiran	Green machinability studies on SAE 8822 alloy steel using RSM and taguchi method	2024	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0019

597	Anantraj, I.	Harnessing Machine Learning for Metagenomics: Discovering the Invisible Microbial World	2024	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v31.1462
598	Ladika, S.; Nagaraj, Prijith R.K.; Palanivelrajan, M.P.; Pavithra, C.; Sarathy, Partha R.	Highly Efficient Maximum Power Point Tracking Control Technique for PV System Using Different Controller and Converter with Modular Multilevel Inverter	2024	Article	EAI Endorsed Transactions on Energy Web	10.4108/ew.5216
599	Jude, Janet	Hybrid Archimedes Sine Cosine optimization enabled Deep Learning for multilevel brain tumor classification using MRI images	2024	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2023.105419
600	Jayaraman Rajanedirani, Dinesh Kumar; Muthukrishnan, Ramkumar; Priyadarshini, K.	Hybrid Radix-16 booth encoding and rounding-based approximate Karatsuba multiplier for fast Fourier transform computation in biomedical signal processing application	Sep-2024	Article	Integration	10.1016/j.vlsi.2024.102215
601	Arumugam, Sajeew Ram; Ananth, John Patrick	Hybrid deep architecture for intrusion detection in cyber-physical system: An optimization-based approach	2024	Article	International Journal of Adaptive Control and Signal Processing	10.1002/acs.3855
602	Ragavi, V.	Hybrid rat swarm hunter prey optimization trained deep learning for network intrusion detection using CNN features	Apr-2024	Article	Computers and Security	10.1016/j.cose.2023.103656
603	Titus, T. Joby	IMPROVING POLARIZATION AND IMPEDANCE OF QUAD-PORT MIMO NETWORKS USING DIFFERENTIAL EVOLUTION IN 6G TECHNOLOGY	Jan-2024	Article	Journal of the Balkan Tribological Association	-
604	Jaisankar, S.	INVESTIGATION ON MACHINE LEARNING AND NATURAL LANGUAGE PROCESSING-BASED CUSTOMERS PREFERENCE ON WEDDING EVENT AND APPLICATION OF PROJECT MANAGEMENT IN MANAGING WEDDING EVENTS	2024	Article	Journal of Environmental Protection and Ecology	-
605	Rejina Parvin, J.	IOT BASED SMART AND ECONOMIC GREENHOUSE MONITORING AND AUTO-TUNED CONTROL SYSTEM FOR RURAL FARMING	Apr-2024	Article	Journal of Theoretical and Applied Information Technology	-
606	Ananth, John Patrick; Arumugam, Sajeew Ram; Premnath, S.P.	Image enhancement and blur pixel identification with optimization-enabled deep learning for image restoration	2024	Article	Signal, Image and Video Processing	10.1007/s11760-024-03092-6
607	Vinotha, C.	Impact of Artificial Intelligence and Cyber Security as Advanced Technologies on Bitcoin Industries	2024	Article	International Journal of Intelligent Systems and Applications in Engineering	-

608	Kumar, S. Senthil	Implementation of Enhanced Hardware Digital System Design by Protecting Hardware Trojans using Concurrent Error Detection Technique	2024	Article	International Journal of Intelligent Systems and Applications in Engineering	-
609	Muthukrishnan, Ramkumar; Sarath Kumar, R.; Subramaniam, Balu Mahandiran	Improved DeTraC Binary Coyote Net-Based Multiple Instance Learning for Predicting Lymph Node Metastasis of Breast Cancer From Whole-Slide Pathological Images	Dec-2024	Article	International Journal of Medical Robotics and Computer Assisted Surgery	10.1002/rcs.70009
610	Rasi, D.	Inclusion of kinesthetics feedback with vision to improve the control of neural activity of the primary motor cortex	2024	Article	Measurement: Sensors	10.1016/j.measen.2024.101276
611	Rajendran, Chinnasamy	Influence of B4C and ZrB2 reinforcements on microstructural, mechanical and wear behaviour of AA 2014 aluminium matrix hybrid composites	2024	Article	Defence Technology	10.1016/j.dt.2024.05.009
612	Sathishkumar, A.; Soundararajan, Ranganathan	Influence of medium- and high-entropy alloy fillers on microstructures and corrosion behaviour of AA5083 plates joined by GTAW process	2024	Article	Journal of Materials Science	10.1007/s10853-024-09654-w
613	Preethi, N.	Innovations in Transport Optimization: Topological Graphical Methodologies and Computational Strategies	Jul-2024	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v31.832
614	Seenivasan, Madhankumar	Integrating computational models and machine learning for corrugated absorber plate solar collector thermal predictions	2024	Article	Process Safety and Environmental Protection	10.1016/j.psep.2024.05.069
615	Sujaritha, M.	Integrating neural network-driven customization, scalability, and cloud computing for enhanced accuracy and responsiveness for social network modelling	2024	Article	Social Network Analysis and Mining	10.1007/s13278-024-01302-0
616	Oswalt Manoj, S.; Rohini, M.	Intelligent Alzheimer's Diseases Gene Association Prediction Model Using Deep Regulatory Genomic Neural Networks	2024	Article	Journal of Alzheimer's Disease Reports	10.3233/ADR-230083
617	Keerthika, T.	Internet of things and optimized knn based intelligent transportation system for traffic flow prediction in smart cities	Oct-2024	Article	Measurement: Sensors	10.1016/j.measen.2024.101297
618	Pushpalatha, Ayyasamy	Intrusion detection based on phishing detection with machine learning	2024	Article	Measurement: Sensors	10.1016/j.measen.2023.101003
619	Sumathi, R.	Investigation of Split Ring Resonator Based Rectangular Micro-Strip Patch Antenna for Radar Communication	2024	Article	Journal of Advanced Research in Applied Sciences and Engineering Technology	10.37934/araset.37.1.171178
620	Jayaprakash, Karthika	Investigation on compressed air energy storage system for efficient utilisation of renewable power sources	2024	Article	International Journal of Power and Energy Conversion	10.1504/IJPEC.2024.140041

621	Veerappan, Gopathy	Investigation on materials removal rate and surface roughness of temperature resisted Waspaloy during electric spark machining utilizing gray relational analysis	2024	Article	AIP Advances	10.1063/5.0220951
622	Muthukrishnan, Ramkumar	IoT and cloud computing-based automated epileptic seizure detection using optimized Siamese convolutional sparse autoencoder network	Feb-2024	Article	Signal, Image and Video Processing	10.1007/s11760-024-03017-3
623	Krishnan, Loganathan Navaneetha	IoT-BASED ENERGY METER MONITORING SYSTEM FOR SUSTAINABLE DEVELOPMENT	2024	Article	Journal of Environmental Protection and Ecology	-
624	Selvi, C. Thirumarai	IoT-Enabled Flood Monitoring System for Enhanced Dam Surveillance and Risk Mitigation	2024	Article	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt24311
625	Kalins, B.	Isolate restrained perfect domination in graphs	2024	Article	Mathematics in Engineering, Science and Aerospace	-
626	Chelladurai, Samson Jerold Samuel	MACHINABILITY STUDIES OF LM24 ALUMINUM ALLOY-ZrB2-FLY ASH REINFORCED HYBRID COMPOSITES USING RESPONSE SURFACE METHODOLOGY	2024	Article	Surface Review and Letters	10.1142/S0218625X25500751
627	Yuvaraj, Kunnathur Periyasamy	METEOROLOGICAL AND GEOSPATIAL ANALYSIS-BASED INTEGRATED MACHINE LEARNING FOR ACCURATE AIR QUALITY FORECASTING	2024	Article	Journal of Environmental Protection and Ecology	-
628	Radhakrishnan, G.	Machining of ti6al4v under cu particle mixed dielectric medium using aluminium composite tool for production of electric motors components	2024	Article	Journal of Ceramic Processing Research	10.36410/jcpr.2024.25.6.1069
629	Raja, A. Wasim	Marine Life Analysis Based on Ocean Water Level Rise and Climate Change Using Underwater Imaging Techniques	2024	Article	Remote Sensing in Earth Systems Sciences	10.1007/s41976-024-00153-9
630	Geetha, B.	Marital Discord and Pursuit of Gender Equality in Manju Kapur's Custody Novel	2024	Article	Journal of Ecohumanism	10.62754/joe.v3i4.3483
631	Balamurali, E.	Mastering Professional English Communication: A Guide to Education 4.0 Tools and Techniques for ESL Teachers	2024	Article	World Journal of English Language	10.5430/wjel.v14n5p146
632	Balakrishnan, Karthikeyan	Maximizing Solar Potential Using the Differential Grey Wolf Algorithm for PV System Optimization	2024	Article	Energy Engineering: Journal of the Association of Energy Engineering	10.32604/ee.2024.052280
633	Jeyakumar, Rengaraj	Mechanical and Viscoelastic Properties of Nanoclay Filled Bamboo/Glass Fibre Reinforced Unsaturated Polyester Hybrid Composites	2024	Article	Materials Research	10.1590/1980-5373-MR-2023-0543

634	Pritima, David; Veerappan, Gopathy	Mechanical properties and corrosion behavior of SiC reinforced high entropy alloy (Ni-Co-Fe-Ti) matrix composites produced by microwave and conventional sintering techniques	2024	Article	Surface Topography: Metrology and Properties	10.1088/2051-672X/ad83e5
635	Balaji, N.	Mechanical, Drop Load Impact and Fatigue Properties of Silane-treated Chitosan and Waste Leather and Areca Fibre Epoxy Composite	2024	Article	Silicon	10.1007/s12633-023-02715-w
636	Ramaswamy, Arunbharathi	Mechanical, water absorption, efflorescence, soundness anmorphological analysis of hybrid brick composites	2024	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0179
637	Kavitha Rani, P.	Microgrids with day-ahead energy forecasting for efficient energy management in smart grids: hybrid CS-RERNN	2024	Article	Australian Journal of Electrical and Electronics Engineering	10.1080/1448837X.2024.2312488
638	Shankar, K. Ravi; Kaarthik, G. Mahi; Rohith, S.M.; Vigneshwar, R. Raj	Mitigating Frame Cracks in Off-Highway Vehicle: A Combined Approach of Finite Element Analysis and IoT-based Chassis Health Monitoring System	2024	Article	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt2431
639	Raja, Subramanian	Modified Fuzzy Logic System Based Predictive Model for Cortical Bone Drilling Temperature	2024	Article	Fuzzy Information and Engineering	10.26599/FIE.2024.9270042
640	Manjula, G.	Multivariate statistical and hydrogeochemical analysis of seasonal groundwater quality variations in coastal villages of Trivandrum district, south India	2024	Article	Discover Sustainability	10.1007/s43621-024-00584-w
641	Pandiyar, K.	NECESSARY CONDITIONS FOR THE EXISTENCE OF TRIPLE POSITIVE SOLUTIONS TO FRACTIONAL INTEGRODIFFERENTIAL BOUNDARY VALUE PROBLEMS AT RESONANCE	2024	Article	Utilitas Mathematica	-
642	Ranjithkumar, B.	Natural honey (Mellifera) assisted combustion synthesis of ZnO, Ag-ZnO and Fe-ZnO nanoparticles for ethanol gas sensor applications	2024	Article	Ceramics International	10.1016/j.ceramint.2024.05.065
643	Ananth, John Patrick	Network Intrusion Detection and Mitigation Using Hybrid Optimization Integrated Deep Q Network	2024	Article	Cybernetics and Systems	10.1080/01969722.2022.2088450
644	Ramasamy, Balaji Venkatesalu	Noncooperative game-theoretic model for security enhancement in cloud gaming environments	2024	Article	International Journal of Modeling, Simulation, and Scientific Computing	10.1142/S1793962324410216
645	Ponnusamy, Vinoth Kumar	Novel Battery Management with Fuzzy Tuned Low Voltage Chopper and Machine Learning Controlled Drive for Electric Vehicle Battery Management: A Pathway Towards SDG	2024	Article	Journal of Applied Data Sciences	10.47738/jads.v5i3.236
646	Vanitha, U.	OPTICAL OASIS HARNESSING ENERGY EFFICIENCY IN WIRELINE, OPTICAL, AND WIRELESS COMMUNICATIONS	Jun-2024	Article	Journal of Environmental Protection and Ecology	-

647	Rajalakshmi, K.	On Micro Pre Operators in Micro Topological Spaces	2024	Article	European Journal of Pure and Applied Mathematics	10.29020/nybg.ejpa m.v17i4.5434
648	Balaji, K.	Opponent colour median-based scale invariant local ternary pattern: a new feature descriptor for moving object detection	2024	Article	Imaging Science Journal	10.1080/13682199.2023.2207887
649	Balamurugan, Samraj	Optimization of biodiesel production process for mixed nonedible oil (processed dairy waste, mahua oil, and castor oil) using response surface methodology	2024	Article	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089221147392
650	Rajesh, A.; Varthanan, P. Ashoka	Optimization of the shot peening process parameters to improve the flexural strength of heated 2024 aluminium alloy	2024	Article	International Journal on Interactive Design and Manufacturing	10.1007/s12008-024-01749-7
651	Yuvaraj, Kunnathur Periyasamy	Optimization of tribological behavior of Aluminium (A356) composites using TGRA technique	2024	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0129
652	Jayaprakash, Karthika	Optimized DBN-based control scheme for power quality enhancement in a microgrid cluster connected with renewable energy system	2024	Article	IET Renewable Power Generation	10.1049/rpg2.13058
653	Deepa Kanmani, S.	Optimized Ensemble Learning for Enhanced Crop Recommendations: Leveraging ML for Smarter Agricultural Decision-Making †	Nov-2024	Article	Engineering Proceedings	10.3390/ecsa-11-20366
654	Palaniraj, Saravanakumar	Optimizing concrete strength with tapioca peel ash: a central composite design approach	2024	Article	Revista Materia	10.1590/1517-7076-RMAT-2024-0422
655	Subramani, Sivaranjani	PERFORMANCE ANALYSIS OF THIRTY-ONE LEVEL MULTILEVEL INVERTER FOR ELECTRIC VEHICLE APPLICATION	2024	Article	Comptes Rendus de L'Academie Bulgare des Sciences	10.7546/CRABS.2024.03.08
656	Chelladurai, Samson Jerold Samuel; Kumaran, Sneha Suresh; Selvan, T.A.	PREDICTION OF RECEIVED SIGNAL STRENGTH USING THE FUZZY LOGIC CONTROLLER FOR LOCALISATION OF SENSORS IN MOBILE ROBOTS	2024	Article	International Journal of Robotics and Automation	10.2316/J.2024.206-1044
657	Babu, Narayanan	PREDICTION OF TORQUE IN DRILLING WOVEN JUTE FABRIC REINFORCED EPOXY COMPOSITES USING THE ADAPTIVE NETWORK-BASED FUZZY INFERENCE SYSTEM AND RESPONSE SURFACE METHODOLOGY	2024	Article	Cellulose Chemistry and Technology	10.35812/Cellulose ChemTechnol.2024.58.10
658	Packiaraj, Sankaran	Pd-Co bimetallic nanoparticles modified α -FeOOH nanorod for the catalytic reduction of organic pollutants	2024	Article	Journal of Environmental Chemical Engineering	10.1016/j.jece.2024.112942
659	Sampathkumar, A.	Performance Evaluation of Bidirectional Wavelength Division Multiple Access Broadband Optical Passive Elastic Networks Operation Efficiency	2024	Article	Journal of Optical Communications	10.1515/joc-2019-0175

660	Subramani, Sivaranjani	Performance Investigation of 17 Level Reduced Switch Count Multilevel Inverter	2024	Article	International Journal of Electrical and Computer Engineering Systems	10.32985/ijeces.15.7.8
661	Subramani, Sivaranjani	Performance analysis of fifteen level reduced device count asymmetrical multilevel inverter	2024	Article	International Journal of Power Electronics and Drive Systems	10.11591/ijpeds.v15.i4.pp2243-2252
662	Balaji, N.; Seenivasan, Madhankumar	Performance analysis of indirect solar dryer with natural heat energy retention substances for drying red chilli	2024	Article	Sustainable Energy Technologies and Assessments	10.1016/j.seta.2024.103706
663	Kannaki, S.	Performance improvement in electric discharge machining of hardox steel though modified circuits	2024	Article	Interactions	10.1007/s10751-024-02032-7
664	Jayaprakash, Jeyaram	Physicochemical and photocatalytic properties of Ag ₂ CrO ₄ /Fe ₂ O ₃ /CeO ₂ ternary nanocomposite	Aug-2024	Article	Luminescence	10.1002/bio.4840
665	Balakrishnan, Karthikeyan	Power quality enhancement using GWO optimized ANFIS controller based STATCOM in MG	2024	Article	Latin American Applied Research	10.52292/j.laar.2024.3244
666	Muthukumar, K.	Prediction of circularity of the holes in electrical discharge machining of inconel alloy using machine learning technique	2024	Article	Interactions	10.1007/s10751-024-02068-9
667	Balaji, N.; Seenivasan, Madhankumar	Prediction of red chilli drying performance in solar dryer with natural energy storage element using machine learning models	2024	Article	Journal of Energy Storage	10.1016/j.est.2024.113825
668	Rajendran, Chinnasamy	Processing, microstructural characterization, and mechanical properties of deep cryogenically treated steels and alloys – overview	2024	Article	Materialpruefung/Materials Testing	10.1515/mt-2023-0284
669	Sujaritha, M.	Radial basis function Artificial Neural Strategy with Dimensionality Reduction Algorithms Intelligent Fusion Method for Student Attendance Monitoring	2024	Article	International Journal of Intelligent Systems and Applications in Engineering	-
670	Kavin, R.	Real Power Losses Reduced by Network Reconfiguration the Distribution Systems using Modified BAT Algorithm	2024	Article	International Journal of Electrical and Electronics Research	10.37391/ijeer.120319
671	Ramya, Karnam Chandrakumar	Reversible Vedic Direct Flag Divider in Key Generation of RSA Cryptography	2024	Article	Journal of VLSI Circuits and Systems	10.31838/jvcs/06.02.08
672	Palaniraj, Saravanakumar	SMART WASTE MANAGEMENT SYSTEM USING WSN FOR ENHANCED CIRCULAR ECONOMY OF THE SMART CITY	2024	Article	Journal of Environmental Protection and Ecology	-
673	Karpagam, Mysamy	Silver Dielectric Material Black Phosphorus–Based Surface Plasmon Resonance Biosensor for Alcohol Detection	2024	Article	Plasmonics	10.1007/s11468-023-02143-x
674	Balamurugan, Samraj	Solar irradiation-driven synthesis of biodiesel from composite oil using biomass catalyst and process parameters optimization	2024	Article	Biofuels	10.1080/17597269.2023.2243757

675	Ponnusamy, Vinoth Kumar	State of Charge Estimation of Lithium-Ion Batteries for Electric Vehicle Application Using Gaussian Process Regression Approach	2024	Article	Journal of Machine and Computing	10.53759/7669/jmc202404102
676	Chelladurai, Samson Jerold Samuel; Karthik, S.	Static Analysis of Aluminum Alloy Ingot/Zirconium Diboride Composites for Automotive Applications	2024	Article	SAE International Journal of Materials and Manufacturing	10.4271/05-18-01-0007
677	Ramakrishnan, Subramaniam; Sevugaperumal, Sathrapathi; Sivakumar, Shanthanu	Strength Behavior Analysis of Self-healing Concrete Using Bacteria and Silica Gel: A Comparative Study	2024	Article	Periodica Polytechnica Civil Engineering	10.3311/PPci.24030
678	Jeyakumar, Rengaraj; Soundararajan, Ranganathan	Study and Fabrication of Fan Blade Using Coconut Leaf Sheath Fibre/Epoxy-Reinforced Composite Materials	2024	Article	Journal of The Institution of Engineers (India): Series D	10.1007/s40033-023-00478-7
679	Revathy, P.	Sustainable Plastic Waste Management in Thanjavur District: An Evaluation Using Fuzzy AHP and Neutrosophic TOPSIS	May-2024	Article	Advances in Nonlinear Variational Inequalities	-
680	Vijayakumar, Nandalal	Swarm Intelligence-Inspired Meta-Heuristics Hybrid Optimization for Multi-Constraint Routing in Vehicular Adhoc Networks	2024	Article	IETE Journal of Research	10.1080/03772063.2023.2253763
681	Shanmugavel, Krishnaprakash	The Characteristics of Circular Fermatean Fuzzy Sets and Multicriteria Decision-Making Based on the Fermatean Fuzzy t-Norm and t-Conorm	2024	Article	Applied Computational Intelligence and Soft Computing	10.1155/2024/6974363
682	Ramya, Karnam Chandrakumar	The Physical Parameters of EDFA and SOA Optical Amplifiers and Bit Sequence Variations Based Optical Pulse Generators Impact on the Performance of Soliton Transmission Systems	2024	Article	Journal of Optical Communications	10.1515/joc-2019-0156
683	Pradeep, G.	Theoretical study and analysis of advanced wireless sensor network techniques in Internet of Things (IoT)	2024	Article	Measurement: Sensors	10.1016/j.measen.2024.101098
684	Maheshwari, Thangamuthu Latha	Time-Aware Attention and Knowledge Graph Embedding in Deep Learning Model for Improving Customer Preference Based Recommendations	2024	Article	International Journal of Intelligent Engineering and Systems	10.22266/IJIES2024.0831.61
685	Palaniappan, Shanthi	Turbocharged AI: Harnessing Federated Learning and Model Parallelism for Efficient Deep Learning on Distributed System	2024	Article	Communications on Applied Nonlinear Analysis	10.52783/cana.v31.1463
686	Jaisankar, S.; Julian Gnana Dhas, C.	UNLOCKING THE POTENTIAL OF FLORICULTURE SUPPLY CHAIN: A SCOR MODEL-BASED APPROACH TO ANALYSE THE SUPPLY CHAIN PERFORMANCE	2024	Article	Journal of Environmental Protection and Ecology	-

687	Balamurali, E.	Utilizing ELSA speak and busuu apps to enhance english for professional purposes among indian students: An education 4.0 approach	2024	Article	Australian Journal of Applied Linguistics	10.29140/ajal.v7n3.1717
688	Soundararajan, Ranganathan	Wear and Friction Behavior on Extrusion-Based 3D Printed Short Carbon Fiber Reinforced PETG Composites with Annealing and Laser Treated Effects	2024	Article	Journal of The Institution of Engineers (India): Series D	10.1007/s40033-024-00794-6
689	Geetha, B.	What Matters for Educated and Uneducated Indian Women: Realizing Identity Struggle for Self and Matriarchal Harmony through Shashi Deshpande's That Long Silence	2024	Article	Journal of Ecohumanism	10.62754/joe.v3i7.4523
690	Ramasamy, Balaji Venkatesalu; Shobana, G.	Wild Horse Optimizer and Support Vector Machine (SVM) Classifier Predicts the Heart Disease Converging Nature-Motivated Optimization and Machine Learning	Mar-2024	Article	Journal of Angiotherapy	10.25163/angiotherapy.839535
691	Oswalt Manoj, S.	Automatic detection and classification of disease in citrus fruit and leaves using a customized CNN based model; [Detección y clasificación automática de enfermedades en frutas y hojas de cítricos utilizando un modelo basado en CNN personalizado]	2024	Review	Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas	10.37360/blacpma.24.23.2.13
692	Raj, A. Albert	Survey on quantum noise stream cipher implemented optical communication systems	2024	Review	Journal of Optical Communications	10.1515/joc-2022-0057
693	Ramasamy, Balaji Venkatesalu	Unlocking the Potential: How Flying Taxis Will Shape the Future of Transportation	2024	Review	Sustainability (Switzerland)	10.3390/su162410795
694	Soundarajan, R.	A Brief Review on Cogeneration of Energy and Water with Integration of Solar Photovoltaics to Single-Basin Solar Stills	2024	Conference Paper	Springer Proceedings in Physics	10.1007/978-3-031-69966-5_29
695	Balasubramanian, Kaliyaperumal	A Comparative Investigation into the Machining Characteristics of Low Carbon Steel Using Surfaced and Standard Cutting Tools	2024	Conference Paper	Advances in Transdisciplinary Engineering	10.3233/ATDE240613
696	Kaliyamoorthy, Ananthi	A Comprehensive Study on Fast Charging in Smart Phones	2024	Conference Paper	Proceedings - 2024 5th International Conference on Mobile Computing and Sustainable Informatics, ICMCSI 2024	10.1109/ICMCSI61536.2024.00083
697	Ashoka Vardhanan, P.; Babu, Narayanan; Shijo Joseph, C.S.; Soundararajan, Ranganathan	A Comprehensive Survey of Foot-Operated Steering Systems for Individuals with Upper Limb Disabilities: A Literature Review	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5187

698	Reshma, Vijaya Kumar	A Hybrid U-Net with Active Contours for Plant Leaf Disease Segmentation and Classification	2024	Conference Paper	Proceedings of the 2024 International Conference on Advancement in Renewable Energy and Intelligent Systems, AREIS 2024	10.1109/AREIS62559.2024.10893656
699	Niranjana, R.	A Machine Learning Approach for Predicting Air Quality Index in Smart Cities	2024	Conference Paper	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823106
700	Kamarudeen, Mohamed; Kausik; Logeshwaran; Pushpalatha, Ayyasamy	A Medical Data Privacy Protection Schema Based on Block Chain and Cloud Computing	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183655
701	Dhanishta, K.R.; Manoshree, J.; Surendar Raj, G.	A Mobile Application to Find the Lost Person Using Thematic Mapping	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0191615
702	Nanthini, N.; Aishwarya, D.; Baby Vishnupriya, N.; Simon, Angelin; Aishwarya, D.; Baby Vishnupriya, N.; Simon, Angelin	A Novel Approach for Prediction of the Lung Disease using Deep Learning	2024	Conference Paper	Proceedings - 2024 8th International Conference on Inventive Systems and Control, ICISC 2024	10.1109/ICISC62624.2024.00070
703	Deepa, D.; Gowthami, S.	A Novel Polycarbonate Urethane Aortic Valve with Computational Fluid-Structure Analysis	2024	Conference Paper	Sustainable Civil Infrastructures	10.1007/978-3-031-72527-2_35
704	Begum, R. Suraj	A Novel System for Analyzing the Usage of ICT Enabled Tools in Our Indian Educational System	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183585
705	Kaliyamoorthy, Ananthi	A Review on Smartphone Charger: Technologies and Challenges	2024	Conference Paper	Proceedings - 2024 5th International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2024	10.1109/ICICV62344.2024.00020
706	Saranya, G.; Krishnamoorthy, N.V.	A Safe and Enhanced Navigation System for the Visually Challenged	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10602336
707	Balaji, N.; Jeffrin, J.R.	A Study on Different Chemical Treatments for Natural Fiber Reinforced Composites	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5179

708	Yasir Abdullah, R.; Hariharan, V.C.; Nithin, M.; Swetha, V.; Vijayaalayan, A.	A Survey for Fire Detection Intimation Using Artificial Intelligence	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0184650
709	Nithiskumar, R.; Subramanian, Balakrishnan; Subramanian, S. Kiran	A Survey for Recognizing Sign Language for Deaf-Mute People Using Image-Based Hand Recognition	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183593
710	Nivas; Prakash, Suriya; Raahul, Sivasanjay; Yasir Abdullah, R.	A Survey of Visual Speech Recognition Using Deep Learning	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0184651
711	Ananth; Fathima, Majidha; Jude, Janet; Subramanian, Balakrishnan	A Survey on Artificial Intelligence Based Assisted Writing Device to Support Dyslexia Affected Children	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183696
712	Chandar, Praveen; Pavithran; Ravishankar	A Survey on Diagnosing Chronic Kidney Diseases Using Machine Learning Methodology	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183576
713	Kabilan; Subramanian, Balakrishnan; Yogeshwaran; Yusuf, Mohamed Nousath	A Survey on Protocol Based Control System to Enhance Internet Censorship	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183596
714	Dhamodharan, Maruthachalam	A review of eco-friendly concrete materials: Advancements and environmental impact	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0216907
715	Balasubramanian, Kaliyaperumal; Chelladurai, Samson Jerold Samuel; Vikram, R.	A titanium alloy implant's surface characteristics as a result of the sandblasting and shot peening processes	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0229711
716	Jason Jose, P.; Johans Olivia, A.; Katyayani, T.R.; Oswalt Manoj, S.	AI Based Chatbot for Educational Institutions	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568662

717	Vellaichamy, Anandkumar	AI Based Ontology-Driven Information Retrieval for Healthcare Information System	Feb-2024	Conference Paper	Proceedings - International Conference on Computing, Power, and Communication Technologies, IC2PCT 2024	10.1109/IC2PCT60090.2024.10486267
718	Nivetha, A.; Priyadarshini, B.	AI Powered Sentiment Analysis of Social Media Presence	2024	Conference Paper	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings	10.1109/ICAIT61638.2024.10690773
719	Jayaprakash, Karthika; Kumar, P. P. Prem; Sundar, K. Sham	AI-Based Smart Vehicle Parking System	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5242
720	Shalini, M.; Yuvashree, S.	AI-Powered Chat Agent: Revolutionizing Online Shopping	2024	Conference Paper	2nd International Conference on Signal Processing, Communication, Power and Embedded Systems, SCOPES 2024	10.1109/SCOPES64467.2024.10991141
721	Kumar, Mokesh Anand; Sanchita	AI-Powered Mobility Educational Application for Enhancing Students Learning	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183574
722	Saranya, G.	ALLS: Experimental Evaluation of Handwritten Text Character Recognition System using Artificial Intelligence based Learning Scheme	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568841
723	Barath, B.; Bhrugunandana, K.; Manikandan, R.	Actuation of Braille Text into a Braille Code and Braille Board with Navigation System	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568883
724	Thirumalaisamy, Ramakrishnan	Advancing Polymer Composites Through Computational Learning and Artificial Intelligence Integration	2024	Conference Paper	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	10.1109/ICERCS63125.2024.10895062
725	Kalaiarasan, T.R.	Air Quality Data Prediction Using Data Analytics	Feb-2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0185273

726	Kaliyamoorthy, Ananthi	An Analysis of Radio Frequency Radiation Emitted by Smartphones	2024	Conference Paper	8th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2024 - Proceedings	10.1109/I-SMAC61858.2024.10714888
727	Suyam Praba, R.	An Application of NB-GA Model: A Study of Logistics Performance and Economic Attributes	2024	Conference Paper	International Conference on Intelligent Algorithms for Computational Intelligence Systems, IACIS 2024	10.1109/IACIS61494.2024.10721688
728	Sivabalan	An Effective PSO-Adaboost Algorithm Based Opinion Mining for COVID-19-Related Tweets Classification from Social Media	Feb-2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0198684
729	Senthilkumar, R.	An Efficient Investigation of Cloud Computing Security with Machine Learning Algorithm	2024	Conference Paper	7th International Conference on Inventive Computation Technologies, ICICT 2024	10.1109/ICICT60155.2024.10544578
730	Induprakash, S.; Velmurugun Parameswari, Srinivasan	An Examination of the Friction and Wear Characteristics of Carburized, Boronized, and Austenitic 1080 and 1566 Steel	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5102
731	Saranya, G.	An Improved Driver Safety System based on Drunk and Drive Analyzing Architecture using Internet of Things Assisted Alcohol Identification Sensor	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10602064
732	Rejina Parvin, J.	An Intelligent Method for Detecting Jute Pests Using Deep Convolutional Neural Networks	2024	Conference Paper	Proceedings of 5th International Conference on IoT Based Control Networks and Intelligent Systems, ICICNIS 2024	10.1109/ICICNIS64247.2024.10823347
733	Kalaiarasan, T.R.; Sivabalan, K.N.; Kalaiarasan, T.R.; Sivabalan, K.N.; Vellaichamy, Anandkumar; Ratheeshkumar, A.M.	An IoT Based Reinforced Secured Data Transmission in Artificial Intelligence	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0189329
734	Thirumoorthy, Krishnasamy	An empirical study on financial performance of micro finance Institutions	2024	Conference Paper	Multidisciplinary Science Journal	10.31893/multiscience.2024ss0428
735	Subramaniam, Balu Mahandiran; Velmurugun Parameswari, Srinivasan	Analysis of Cast Aluminium-Zinc Alloy Surface Fatigue Crack Formation Growth Characteristics	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5119

736	Balaji, N.; Jashwanth, S.	Analysis of Influence on Machining Characteristics of Nimonic 80	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5173
737	Vigneshkumar, Murugesan	Analysis of the use of Nano-engineered Composite Energy Retention Materials in Eco-Building Layouts	2024	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/2925/1/012012
738	Arish, R.; Bhavandharshan, K.; Girith Chandru, S.; Gowthamprasath, A.D.; Hari, K.; Ramaswamy, Arunbharathi	Application of Desirability Approach to Determine Optimal Turning Parameters	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5022
739	Muthukrishnan, Ramkumar	Applications of Quantum Cascade Lasers in Spectroscopy and Trace Gas Analysis	2024	Conference Paper	2024 4th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2024	10.1109/ICAECT60202.2024.10469348
740	Vinotha, C.	Artificial Intelligence in Financial Markets: Predictive Models and Risk Management Strategies	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568778
741	Subramanian, Balakrishnan; Jayanth, P. Sri; Parvathynathan, S.; Sivashankar, R.	Artificial Intelligence-Based Vociferation Chatbot for Emergency Health Assistant	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183595
742	Joshi, Ramya Raghunath; Vengateshwaran, M.	Automated Glaucoma Screening in Retinal Fundus Imagery: Leveraging a Convolutional Neural Network Framework	2024	Conference Paper	2024 3rd International Conference for Advancement in Technology, ICONAT 2024	10.1109/ICONAT61936.2024.10774691
743	Feroz Ali, L.; Manikandan, R.; Seenivasan, Madhankumar; Sri Hari, P.; Suriya Prakash, T.; Vishnu Doss, G.	Automatic Hose Cutting Machine for Small Scale Industries	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5217

744	Feroz Ali, L.; Hariush, V.C.; Jahath Pranav, R.; Jayadeep, J.; Jeffrey, S.; Seenivasan, Madhankumar	Autonomous Mobile Robot for Gas Leak Localization	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5226
745	Giftlin, Jenifer Grace	COVID-19 Based on NLP for Topic Discovery and Sentiment Classification Using BiLSTM Recurrent Neural Network Approach	Feb-2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0188942
746	Gowthamani, R.; Rohini, M.; Selvakumar, S.; Sugavanesh, M.; Vijayvenkatajalapathi, G.; Viswanath, S.	Campus Sync - One Central Hub for Attendance, Events, and On-Duty Management	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568746
747	Mahendiran, P.D.; Sindhu, V.	Certain Investigation on Aspect Based Sentiment Analysis	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0190153
748	Mahendhiran, P.D.; Nithish; Vasudevan, Harshitha	Certain Investigation on Crime Trend Prediction Through Big Data Analytics and Mining	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0190151
749	Raja Balaji, N.; Yogeeshwaran, G.	Companion Recognition System for Amnesia Affected Persons	2024	Conference Paper	International Conference on Computing and Intelligent Reality Technologies, Proceedings of ICCIRT 2024	10.1109/ICCIRT59484.2024.10921896
750	Sindhu, V.	Converting Voice Signal to Visual Indian Sign Language	Apr-2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568884
751	Sarath Kumar, R.	Convolution Neural Network for Identifying Autism Spectrum Disorder in Children	2024	Conference Paper	2024 International Conference on System, Computation, Automation and Networking, ICSCAN 2024	10.1109/ICSCAN62807.2024.10894535
752	Dhiyaneswaran, J.; Selvaraj, Malathi; Shajeeth, S.; Dhiyaneswaran, J.	Cracking Activity and Characterization of Magnesium Titanium Dioxide - Silicon Dioxide Catalysts	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5241

753	Balaji, Pradeep; Keerthika, T.; Kiruthika; Krupaasree	Crop and Suitable Intercrop Suggestion Based on Soil Series Using Machine Learning Algorithms	Feb-2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0187680
754	Yuvaraj, Kunnathur Periyasamy	Cross-Platform Multimodal Frogeye Leaf Spot Recognition and Classification: Advancing with Cutting-Edge CNN Technologies and Transfer Learning in Diverse Plant Species	2024	Conference Paper	Proceedings of International Conference on Circuit Power and Computing Technologies, ICCPCT 2024	10.1109/ICCPCT61902.2024.10672951
755	Kaveri, Vijeya V.; Srineveda, R.S.; Sruthi Sri, V.; Swetha, K.	Customized Traffic Sign Detection	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10602187
756	Raj, Raymon Antony	Cyber Security Posterior Distribution	2024	Conference Paper	Proceedings - 2024 13th IEEE International Conference on Communication Systems and Network Technologies, CSNT 2024	10.1109/CSNT60213.2024.10546057
757	Gurumani, Vijaya	Data Mining and Text Mining Approach: Query based Information Retrieval using Genetic Algorithm	2024	Conference Paper	Proceedings - 2024 5th International Conference on Image Processing and Capsule Networks, ICIPCN 2024	10.1109/ICIPCN63822.2024.00098
758	Albert Joseph, A.; Hariharan, A.; Jude, Janet; Kamaleshwaran, A.; Ms. Azhaguramyaa, V.R.	Deep Learning Driven Multilingual System for Recognition and Categorization of Medicinal Plants with Extensive Elucidation	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568685
759	Deepthi, P.	Deep Learning-Enabled Human Resource Analytics in Predicting Employee Performance	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568716
760	Velmurugun Parameswari, Srinivasan	Deformation of 8561 Aluminium Alloy during Mechanical Stir Processing at Higher Temperature	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5160

761	Kaliyamoorthy, Ananthi; Madhan Kumar, B.; Medhun Krishnaa, A.; Mugunthan, K.; Pon Ugesh, D.	Design and Fabrication of Elbow Mechanism Based Material Handling System	2024	Conference Paper	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024	10.1109/ICACCS60874.2024.10716960
762	Subramani, Sivaranjani	Design and Implementation of Seven-Level Reduced Switch Count Multilevel Inverter for Electric Vehicle Applications	2024	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-99-7216-6_11
763	Sindhu, V.	Detection of Face Mask and Social Distance Calculation Using Deep Learning	Apr-2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568721
764	Ruban, P. S. Harsha	Detection of Fetal and Mother Heart Rate with Uterine Contractions	2024	Conference Paper	Proceedings of the 2024 10th International Conference on Biosignals, Images and Instrumentation, ICBSII 2024	10.1109/ICBSII61384.2024.10564078
765	Janani, R.	Development of Deepfake Detection Techniques for Protecting Multimedia Information using Deep Learning	2024	Conference Paper	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	10.1109/ICAAIC60222.2024.10575155
766	Veetil, Vineeth Vellora	Development of Hybrid Energy Source Electric Vehicles with DC-DC Converters	2024	Conference Paper	7th International Conference on Inventive Computation Technologies, ICICT 2024	10.1109/ICICT60155.2024.10544855
767	Krishnamoorthy, N.V.	Development of an IoT Enabled Smart Children Tracking and Monitoring System Using Map Location Services	2024	Conference Paper	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024	10.1109/ICSES63760.2024.10910575
768	Sinduja, K.	Disease-Free Survival Prediction in Recurrent Cervical Cancer using Naive Bayes Machine Learning Algorithm	Sep-2024	Conference Paper	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024	10.1109/ICOSEC61587.2024.10722641

769	Abirami, S.; Mathialahan, U.; Sri Vignesh, R.B.; Yaswanth, T.S.	Early Breast Cancer Prediction Using Machine- Learning Algorithms	2024	Conference Paper	2024 International Conference on Advances in Data Engineering and Intelligent Computing Systems, ADICS 2024	10.1109/ADICS584 48.2024.10533612
770	Oswalt Manoj, S.; Rani, K. Sasi kala; Renugadevi, G.	Early Diabetics Prediction Using Multi Model Approaches in Machine Learning	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTE M60960.2024.1056 8714
771	Arvind, S.; Niranjana, R.; Vignesh, M.; Vishaal, S.	Edge-Based Security Measures for a Robust Internet of Things Ecosystem	Oct-2024	Conference Paper	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings	10.1109/ICESC608 52.2024.10689787
772	RAJESWARAN, Siva Subramanian	Effect of Post Weld Heat Treatment on Notch Sensitivity Ratio of Electron Beam Welded AA2024 Aluminum Alloy Joints	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01- 5142
773	Ramachandran, Natarajan	Effects of Palm Stalk Ash on Mechanical Properties of Al6061 Reinforced with Graphite by Using Stir Casting Process	2024	Conference Paper	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024	10.1109/ICACCS60 874.2024.10717271
774	Kaveri, Vijeya V.	Electric Vehicle Monitoring System	2024	Conference Paper	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024	10.1109/ICSES637 60.2024.10910919
775	Lakshminarayanan; Parithiahil; Ramkumar; Yasir Abdullah, R.	Electronic Health Record Using DEFI With the Help of Blockchain	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0184652
776	Krishnamoorthy, N.V.	Empirical Development of a Novel Solar Powered Electric Vehicles (EVs) Charging Station to Avoid Environmental Pollution	2024	Conference Paper	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024	10.1109/ICSES637 60.2024.10910716

777	Sujatha, T.	Empowering Breast Cancer Detection with AI: A Modified Support Vector Machine Approach for Improved Classification Accuracy	2024	Conference Paper	Proceedings - 2024 International Conference on Expert Clouds and Applications, ICOECA 2024	10.1109/ICOECA62351.2024.00159
778	Rahul, V.; Sreyaniketha; Tamilnilavan, K.S.; Thirumaraiselvi	Enabling Robust Intrusion Detection in Network Traffic through an Integrated Machine Learning Framework	2024	Conference Paper	Proceedings - 2024 5th International Conference on Image Processing and Capsule Networks, ICIPCN 2024	10.1109/ICIPCN63822.2024.00038
779	Reshma, Vijaya Kumar	Enhanced Banyan Tree Algorithm with Wavelet Neural Network for Vertical Handover in Heterogeneous Networks	2024	Conference Paper	Proceedings of the 2024 International Conference on Advancement in Renewable Energy and Intelligent Systems, AREIS 2024	10.1109/AREIS62559.2024.10893678
780	Gayathri, D.; Geetha, R.; Gowthamani, R.; Harish, S.; Rani, K. Sasi kala; Rohini, M.	Enhanced Criminal Identification through MTCNN: Leveraging Advanced Facial Recognition Technology	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568795
781	Gurumani, Vijaya	Enhanced Heart Disease Classification: An Ensemble-Based Deep Learning Approach	2024	Conference Paper	Proceedings - 2024 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems: Harmonizing Signals, Data, and Energy: Bridging the Digital Future, SPICES 2024	10.1109/SPICES62143.2024.10779676
782	Sarath Kumar, R.	Enhanced QR CODE Scanning and Blockchain Technology for Drug Packaging System	2024	Conference Paper	2024 International Conference on System, Computation, Automation and Networking, ICSCAN 2024	10.1109/ICSCAN62807.2024.10894169
783	Palani, S.; Ajay, B.; Bhavadarani, B.; Varshini, A.	Enhanced Security through Distributed Fragmentation and Encryption for Cloud based Data Storage	2024	Conference Paper	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	10.1109/ICERCS63125.2024.10895601
784	Epziba, J.Jeniksha; Hemadarshana, T.; Ilakkyia, S.; Niranjana, R.; Preetha, T.	Enhanced Skin Diseases Prediction using DenseNet-121: Leveraging Dataset Diversity for High Accuracy Classification	Jul-2024	Conference Paper	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	10.1109/ICAAIC60222.2024.10575230

785	Balasubramani, S.	Enhancing Mechanical Performance and Heat Treatment Response in AA2024 Alloys Through B4C and Alumina	2024	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/2925/1/012007
786	Abbenaya, M.S.; Arthika, G.; Ashwanth, M.; Kousika, N.	Enhancing Multimodal Sentiment Analysis with Deep Learning Techniques to Foster Emotional Intelligence	2024	Conference Paper	Proceedings of the 2024 10th International Conference on Communication and Signal Processing, ICCSP 2024	10.1109/ICCSP60870.2024.10544097
787	Arumugam, Sajeev Ram	Enhancing Osteosarcoma Cancer Detection with Attention Mechanisms and Capsule Networks	2024	Conference Paper	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	10.1109/ICERCS63125.2024.10895228
788	Durga, Sivan	Enhancing Storage Efficiency for Health Data Records through Block chain-Based Storj Mechanism	2024	Conference Paper	2024 IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing, INCOS 2024 - Proceedings	10.1109/INCOS59338.2024.10527538
789	Narasimharaj, V.	Enhancing the Mechanical Properties of As-Built and Annealed Polyamide and Polyamide Composites Processed through Fused Deposition Modeling	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5157
790	Kaveri, Vijeya V.; Sruthi Sri, V.	Enhancing the Traffic Sign Detection to Improve Convolutional Neural Network	2024	Conference Paper	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings	10.1109/ICAIT61638.2024.10690365
791	Salman, Riyam Abd Alrazaq; Siva Subramanian, R.	Establishing an Empirical Relationship to Predict the Tensile Strength of a FSSW-AA7075 Aluminum Alloy with Mild Steel	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5224
792	Gunasekaran, K.N.	Experimental Analysis of Alternate Refrigerant Mixtures in Refrigeration System	2024	Conference Paper	E3S Web of Conferences	10.1051/e3sconf/202452902007
793	Krishnamoorthy, N.V.	Experimental Evaluation of Improved Battery Management System Design for Electric Vehicles to Resist Performance over Long Duration	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568836
794	Krishnamoorthy, N.V.	Experimental Evaluation of Smart Camera based Reading Assistance for Visually Impaired People using Optical Character Recognition Logic	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10602441

795	Babu, Narayanan; Ramamoorthi, R.; Yuvaraj, Kunnathur Periyasamy	Experimental Investigation on the Mechanical Properties of Date Seed and Neem Gum Powder Added Natural Composites	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5150
796	Soundararajan, Ranganathan	Experimental Study on the Mechanical Behavior of Polyamide 6 with Glass Fiber Composites Fabricated through Fused Deposition Modeling Process	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5043
797	Ramakrishnan, Subramaniam	Experimental and Statistical Study of Flexural Strength in Ternary Blended High-Performance Concrete using Alcofine	2024	Conference Paper	E3S Web of Conferences	10.1051/e3sconf/202449101012
798	Suyam Praba, R.	Exploring Financial Literacy's Impact on Preventing Economic Crimes: A Random Forest Analysis	2024	Conference Paper	Proceedings of International Conference on Sustainable Computing and Integrated Communication in Changing Landscape of AI, ICSCAI 2024	10.1109/ICSCAI61790.2024.10866416
799	Sujatha, T.	Exploring Sensor-Based Smart Farming Technologies in the Internet of Things (IoT)	2024	Conference Paper	ICCDs 2024 - International Conference on Computing and Data Science	10.1109/ICCDs60734.2024.10560398
800	Arumugam, Sajeev Ram	Exploring the Efficacy of U-Net-CNN Architecture for Automated Detection of Psoriatic Arthritis from Medical Imaging Data	2024	Conference Paper	2nd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2024 - Proceedings	10.1109/ICSSAS64001.2024.10760526
801	Sujatha, T.	Exploring the Role of Internet of Things in Wireless Sensor Networks for Industry 4.0 Applications	2024	Conference Paper	1st International Conference on Pioneering Developments in Computer Science and Digital Technologies, IC2SDT 2024 - Proceedings	10.1109/IC2SDT62152.2024.10696702
802	Subramanian, Balakrishnan; Khan, Imron; Kumar, Bhavik; Nishit	Eye Tracking and Assistance Using Deep Learning for Paralyzed People with Cloud Integration for Data Processing	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183594
803	Vengateshwaran, M.	F-SIFT: Fuzzy Based Smart Intelligence Farming Techniques Using IoT Technique	2024	Conference Paper	2024 International Conference on Advances in Data Engineering and Intelligent Computing Systems, ADICS 2024	10.1109/ADICS58448.2024.10533571
804	Aparna, M.; Deepak; Dhanushree, V.M.; Selvi, C. Thirumarai	Facial Emotion Recognition Using Deep Learning	May-2024	Conference Paper	Communications in Computer and Information Science	10.1007/978-3-031-61287-9_9

805	Grace, P. Celina; Sudhir, Sophia; Grace, P. Celina; Sudhir, Sophia	Fast approximate multipliers based on counters and compressors for signal processing applications	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0197767
806	Shanthini, V.S.; Sri Balaji, R.; Stinsha, S.L.; Ramasamy, Balaji Venkatesalu; Ramasamy, Balaji Venkatesalu	Fireguard: Deep CNN Video Surveillance for Efficient Fire Detection	2024	Conference Paper	Proceedings of 2024 International Conference on Science, Technology, Engineering and Management, ICSTEM 2024	10.1109/ICSTEM61137.2024.10561206
807	Sivakumar, Shrinidhi; Srinithi Janani, R.	Fraud Detection in Monetary Transactions	2024	Conference Paper	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings	10.1109/ICAIT61638.2024.10690586
808	Dharika, Oswalt Manoj, S.; Sarath, Vishnu; Venkatesan	Fundamentals of Text-To-Image Synthesis - A Survey	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183693
809	Ramamoorthy, V.; Rohith, P.A.; Sivasundhar, P.; Visvesvaran, C.	Fuzzy Optimization in Heterogeneous VANET Routing for Trusted Contention Window and Forwarder Selection	2024	Conference Paper	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	10.1109/ICSCSS60660.2024.10625655
810	Kaveri, Vijeya V.	Generating an IOT Based Knowledgebase to Analyze The Microalgae Growth	2024	Conference Paper	Proceedings of the 2024 10th International Conference on Communication and Signal Processing, ICCSP 2024	10.1109/ICCSP60870.2024.10543913
811	Reshma, Vijaya Kumar	Handwritten Text Recognition from Image Using LSTM Integrated with Pixel Shifting Optimization Algorithm	2024	Conference Paper	Proceedings of the 2024 International Conference on Advancement in Renewable Energy and Intelligent Systems, AREIS 2024	10.1109/AREIS62559.2024.10893651
812	Subathra, P.	Harnessing Generative AI for IoT Enhanced Education	2024	Conference Paper	Proceedings - 2024 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems: Harmonizing Signals, Data, and Energy: Bridging the Digital Future, SPICES 2024	10.1109/SPICES62143.2024.10779781
813	Harshan; Kumar, Nandha; Mahendhiran, P.D.	Heart Disease Prediction Using Naive Bayes, Decision Tree Warm Weighted Associated Rule Mining	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0190155

814	Shobana, G.	Heart Disease Recognition and Classification Using Different Classifiers	2024	Conference Paper	2024 IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies, INSPECT 2024	10.1109/INSPECT63485.2024.10896245
815	Karthika, A.	Heat and Mass Transfer Analysis of Magneto Mixed Convective Oscillatory Nanofluid Flow in an Asymmetric Tapered Channel	2024	Conference Paper	Springer Proceedings in Physics	10.1007/978-3-031-69970-2_49
816	Boopathy, C.	Human-Computer Interaction: Innovations and Challenges in Virtual Reality	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568875
817	Saranya, G.	IIALS: A Novel Methodology to Predict Lung Nodule Cancer on Earlier Stages by Using Integrated Image Assistive Learning Strategy	2024	Conference Paper	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024	10.1109/ICSES63760.2024.10910412
818	Vigneshwari, N.	Impact of AlGaIn Barrier Composition on Enhancement-Mode GaN HEMTs on Ultra-Wide Band Substrate for RF Applications	Dec-2024	Conference Paper	2024 1st International Conference on Innovations in Communications, Electrical and Computer Engineering, ICICEC 2024	10.1109/ICICEC62498.2024.10808819
819	Ruban, P. S. Harsha	Implementation of FIFO design using Verilog HDL to avoid data losses in transmission	2024	Conference Paper	Proceedings of the 2nd IEEE International Conference on Networking and Communications 2024, ICNWC 2024	10.1109/ICNWC60771.2024.10537600
820	Karthikeyan, S.; Vignesh, V.K. Vijay; Vijay, K.	Implementation of IoT Based Hybrid Uninterrupted Power Supply	2024	Conference Paper	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024	10.1109/ICACCS60874.2024.10717181
821	Raihana, A.	Improving EFL Students' Academic Success with Positive Psychology and Graph Attention Networks	Sep-2024	Conference Paper	International Conference on Distributed Systems, Computer Networks and Cybersecurity, ICDSCNC 2024	10.1109/ICDSCNC62492.2024.10941413
822	Subramaniyam, Balu Mahandiran	Influence of Diameter Ratio on the Mechanical Properties of Lap Joints in Friction Stir Welding of 2014 Aluminum Alloy	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5111

823	Balasubramanian, Kaliyaperumal; Jeyakumar, Rengaraj; Rajendran, Chinnasamy	Influence of Machining Parameters on Tungsten Carbide Inserts in ANSYS Analysis of Maraging Steel Machining	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5057
824	Babu, Narayanan	Influence of Recycled Scrap Particles on Tensile Behavior of Additively Manufactured Polylactic Acid (PLA) Composites for Automotive Upholstery Applications	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5151
825	Abishek, D.; Gunasekaran, K.N.; Hamshavardhan, S.; Hari Prasath, S.; Sankar Guru, K.	Influence of Rotatory speed and Frictional Pressure on Tensile Strength of Friction Welded Mild Steel/AISI 304 L Joints	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5156
826	Kavin Prabu, S.; Rk, Kamesh; Sri Subiksha, T.; Venkatraman, P.; Yasir Abdullah, R.	Integrated Web-Based Platform for AI-Enhanced Autism Assessment	2024	Conference Paper	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	10.1109/ICERCS63125.2024.10895040
827	Janani, R.	Integrating Google Maps and Deep Learning in Path Hole Detection Alert System	May-2024	Conference Paper	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024	10.1109/ICPCSN62568.2024.00168
828	Krishnamoorthy, N.V.	Intelligent Fabrication of IoT Assisted Smart Voice based Wheelchair Controlling System for Physically Challenged People	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10601877
829	Govindhasamy, Ranjitham	Intelligent Vehicle Registration Number (IVRN) Plate Identification Framework using Machine Learning Model	2024	Conference Paper	Proceedings - 2024 5th International Conference on Image Processing and Capsule Networks, ICIPCN 2024	10.1109/ICIPCN63822.2024.00094
830	Krishnamoorthy, N.V.	Internet of Things Oriented Smart Refrigerator Design Using Emerging Technology Association with Less Expensive Considerations	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568767

831	Shanmugavel, Krishnaprakash	Interval-valued picture fuzzy topological spaces and application of interval-valued picture fuzzy sets in multi criteria decision-making	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0216036
832	Soundararajan, S.	Investigating Mechanical Performance of Load Vehicle Brake Liners Enhanced with Nanomaterials Using Finite Element Analysis	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5210
833	Begum, R. Suraj	Investigating the Interplay of AI and ICT: A Comparative Study of Communicative Language Teaching Dynamics	2024	Conference Paper	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024	10.1109/ICACCS60874.2024.10717262
834	Balamurali, E.	Investigating the Role of Education 4.0 in the Performance of HEIs	2024	Conference Paper	Springer Proceedings in Business and Economics	10.1007/978-981-97-0996-0_11
835	Soundararajan, Ranganathan	Investigation on Dynamic Characteristics of Aluminum Metal Matrix Composites	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5144
836	Soundararajan, S.	Investigation on Mechanical and Metallurgical Characterization of Micro-Alloyed Steel Produced by Friction Stir Welding (FSW)	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5203
837	Selvan, T.A.	Investigation on Turning Parameters of Austempered Ductile Iron Using Response Surface Methodology Approach	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5170
838	Ramamoorthi, R.	Investigation on the Performance of Draft Tube by Numerical and Experimental Approach: A Review	2024	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-97-4500-5_24
839	Fathima, M.	Investigations on Cyber Security Vulnerability using Distribution Analysis	2024	Conference Paper	2024 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2024	10.1109/SCEECS61402.2024.10482303
840	Vijayakumar, Nandalal	IoT Based Animal Detection and Alert System for Farm Fields	Jun-2024	Conference Paper	2024 International Conference on Communication, Computing and Internet of Things, IC3IoT 2024 - Proceedings	10.1109/IC3IoT60841.2024.10550250
841	Kaveri, Vijeya V.	IoT Enhanced Optimization of Wind Energy Systems Using LCL Filter	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10601921
842	Dhyaneswaran, J.; Rishi Karthikeyan, V.P.; Saran Rithik, B.; Dhyaneswaran, J.	Irradiation with High Energy Electron Beams Increases the Hardness of Metamorphic Copper-Based Alloys	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5131

843	Sinduja, K.	LSTM - Recurrent Neural Network Model to Forecast the Risk Factors in Recurrent Cervical Carcinoma	Oct-2024	Conference Paper	2nd International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2024 - Proceedings	10.1109/ICSSAS64001.2024.10760386
844	Saranya, G.	Leveraging SDN: Empirical Evaluation of Privacy Enriched Data Communication over VANET Using Software Defined Network Assistance	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568635
845	Soundararajan, Ranganathan	Low-Cost Solar Still with Natural Storage Materials: An Experimental Investigation	2024	Conference Paper	Springer Proceedings in Physics	10.1007/978-3-031-69966-5_28
846	Saranya, G.	MDISL: Experimental Evaluation of Learning Based Potato Plant Disease Detection Using Modified Deep Image Segmentation Logic	2024	Conference Paper	Proceedings of the 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2024	10.1109/ICSES63760.2024.10910396
847	Mohana Geetha, D.	Machine Learning Approach to Predict Autism Spectrum Disorder	2024	Conference Paper	Proceedings of the 9th International Conference on Communication and Electronics Systems, ICCES 2024	10.1109/ICCES63552.2024.10859867
848	Ramasamy, Balaji Venkatesalu	Machine Learning Framework to Enhance Agricultural Output Prediction	2024	Conference Paper	Proceedings of the 5th International Conference on Smart Electronics and Communication, ICOSEC 2024	10.1109/ICOSEC61587.2024.10722480
849	Justin Maria Hillary, J.	Machine Learning-Based Heat Transfer Prediction in Spiral Tube Heat Exchangers Using Bayesian-Regularized Neural Networks	2024	Conference Paper	2nd International Conference on Emerging Research in Computational Science, ICERCS 2024	10.1109/ICERCS63125.2024.10895225
850	Dhamodharan, Maruthachalam	Machine learning techniques for estimating compressive strength of high-performance concrete - A comparative study	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0239770
851	Christopher, Kevin	Minor Damage Detection in Cars using Transfer Learning Techniques	2024	Conference Paper	2nd IEEE International Conference on Advances in Information Technology, ICAIT 2024 - Proceedings	10.1109/ICAIT61638.2024.10690383

852	Anush, C.; Balaji, S. Dhinesh; Harish, K.; Karthikeyan, S.	Modeling and Control of Solar Powered BLDC Motor System with PID and Sheppard Taylor Converter	2024	Conference Paper	Proceedings - 2024 4th International Conference on Pervasive Computing and Social Networking, ICPCSN 2024	10.1109/ICPCSN62568.2024.00173
853	Shyam; Subramanian, Balakrishnan	Monitoring of Drowsiness Using OpenCV and Python	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183666
854	Jayaprakash, Karthika	Multispectral image processing using ML based classification approaches in satellite images	2024	Conference Paper	Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023	10.1201/9781003393580-108
855	Deepa Kanmani, S.	Nemeth Braille Mathematical Code Recognition using Deep Learning Techniques	May-2024	Conference Paper	2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science, AMATHE 2024	10.1109/AMATHE61652.2024.10582093
856	Karpagam, Mylsamy; Sahana, S.S.; Sivadharini, S.; Soundharyasri, S.	Night Safety Patrolling Robot	Aug-2024	Conference Paper	2024 4th Asian Conference on Innovation in Technology, ASIANCON 2024	10.1109/ASIANCON62057.2024.10838157
857	Raihana, A.	Optimization of Traffic and Time Control with Sensor-Driven Transmission Control System using MANET and Machine Learning	Apr-2024	Conference Paper	7th International Conference on Inventive Computation Technologies, ICICT 2024	10.1109/ICICT60155.2024.10544734
858	Visvesvaran, C.	Organizational Culture's Significance in Technology and Innovation Management	2024	Conference Paper	TQCEBT 2024 - 2nd IEEE International Conference on Trends in Quantum Computing and Emerging Business Technologies 2024	10.1109/TQCEBT59414.2024.10545247
859	Diwakaran, M.	Parallelism in Cloud Architecture using Implicit Partition Clustering Framework	Sep-2024	Conference Paper	Proceedings - 2024 4th International Conference on Soft Computing for Security Applications, ICSCSA 2024	10.1109/ICSCSA64454.2024.00050
860	Feroz Ali, L.; Mahi Kaarthik, G.; Raj Vigneshwar, R.; Ram Kumar, S.K.; Sathishkumar, A.; Soundararajan, Ranganathan	Performance Enhancement through Air Intake Restrictor Tuning by Fluid Flow Analysis for Formula Vehicle	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5202

861	Velmurugan Parameswari, Srinivasan	Polyethylene Sheet Dispersion and Optical Constant Changes Due to Electron Beam Irradiation	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5234
862	Balasubramani, S.	Prediction of defects in casting surface using image processing techniques	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0236172
863	Ajay Ganesh, G.N.; Aswin, B.; Joseph Renith, J.; Priya, A.	Predictive Analysis in Supply Chain Management	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568849
864	Vengateshwaran, M.	Probabilistic techniques for location based services using computational intelligence	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0182351
865	Kumar, L. Madhan; Lingesh, M.K.; Priyadharshini, K.	Rabbit Model of Smart Medicine Dispenser	2024	Conference Paper	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	-
866	Manoj, S. Oswalt; Rohini, M.; Sneha, C.I.	Real-Time Driver Monitoring System Using Computer Vision to Detect Drowsiness for Enhanced Traffic Safety	2024	Conference Paper	2024 IEEE 2nd International Conference on Emerging Trends in Engineering and Medical Sciences, ICETEMS 2024	10.1109/ICETEMS64039.2024.10965037
867	Ramya, U.M.	Recognition of Secure Data Transmission in Cloud Platform using Deep Learning	Jun-2024	Conference Paper	Proceedings of the 3rd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2024	10.1109/ICAAIC60222.2024.10575038
868	Kalaiarasan, T.R.; Ratheeshkumar, A.M.; Vellaichamy, Anandkumar	Reliable and Secure System Design for IoT enabled E-Healthcare Services for Patient Monitoring	Feb-2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0184767
869	Krishnamoorthy, N.V.	Revolutionizing Military Operations: A Smart Fabrication of Bomb Detection and Diffusing Robot with Location Sharing Feature	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10601751
870	Bhagavathi Perumal, S.	Revolutionizing Urban Waste Management: Cutting-Edge Image Processing for Precise Solid Waste Classification	2024	Conference Paper	5th International Conference on Sustainable Communication Networks and Application, ICSCNA 2024 - Proceedings	10.1109/ICSCNA63714.2024.10864002

871	Saranya, G.	Robust Modelling of an Artificial Intelligence Assisted Brainwaves based Robotic Motion Control System using Internet of Things and EEG Signals	2024	Conference Paper	Proceedings - 3rd International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2024	10.1109/ACCAI61061.2024.10601673
872	Dhiyanesh, M.S.; Gurumani, Vijaya; Hashmi, M.D.; Junaith Rehaan, K.; Kavennesh, B.V.	Robust Technique for Detecting and Blocking of VPN over Networks	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568824
873	Renugadevi, G.; Selvakumar, S.; Vinishah, N.; Yashwanth, R.	Sales Forecasting Based on Time Series Analysis	2024	Conference Paper	Proceedings of 2024 International Conference on Science, Technology, Engineering and Management, ICSTEM 2024	10.1109/ICSTEM61137.2024.10560659
874	Kalaiarasan, T.R.	Secure Data Transmission Based on Artificial Intelligence Using IoT in Security Systems	Feb-2024	Conference Paper	Proceedings - International Conference on Computing, Power, and Communication Technologies, IC2PCT 2024	10.1109/IC2PCT60090.2024.10486380
875	Sivanitheesh, S.; Sushmitha, M.; Thanga Arvind, C.; Visvesvaran, C.	Securing Roadside Sensor Networks for Smart Driving Collaboration using ECDSA	Oct-2024	Conference Paper	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings	10.1109/ICESC60852.2024.10689991
876	Chandralekha, Catherine; Dharshini; Hemadharsini; Oswalt Manoj, S.	Sentiment Analysis with Recommendation Systems- A Survey	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0183694
877	Parthasarathy, M.; Prakash, Prathap; Selvapriya, B.; Thangaraj, Kokilavani; Vaishnavi, P.; Vasundhra, R.V.	Smart Energy Generating System in Electric Vehicle	2024	Conference Paper	Proceedings of 2024 International Conference on Science, Technology, Engineering and Management, ICSTEM 2024	10.1109/ICSTEM61137.2024.10561154
878	Monika, S.R.; Prathibha, P.; Preetha, T.; Rejina Parvin, J.	Smart Irrigation and Crop Protection using Deep Learning	2024	Conference Paper	15th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2024	-

879	Saranya, G.	Smart Signaling: A Smart Internet of Things Assisted Traffic Light Controlling and Monitoring System using Intelligent Sensors	2024	Conference Paper	Proceedings of 9th International Conference on Science, Technology, Engineering and Mathematics: The Role of Emerging Technologies in Digital Transformation, ICONSTEM 2024	10.1109/ICONSTEM60960.2024.10568678
880	Boobalan, S.; Sathyaseelan, P.; Raj, T. S. R. Vishaal; Supraja, B. S. Sneha M.	Smart inverter for renewable powered HVAC system	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0190128
881	Vijayakumar, Nandalal	Soil Detachment Analysis Using Richards Model	Aug-2024	Conference Paper	5th International Conference on Electronics and Sustainable Communication Systems, ICESC 2024 - Proceedings	10.1109/ICESC60852.2024.10689801
882	Bhuvaneswari, M.; Seenivasan, Madhankumar	Solar Radiation Forecast Utilizing an Artificial Neural Network Model with Three Distinct Learning Algorithms	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5174
883	Raja, Subramanian	Statistical Analysis on Wear Behavior of Aluminum Alloy2024-Silicon Carbide-Fly Ash Metal Matrix Composites	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5058
884	Mahendhiran, P.D.	Stock Market Prediction Analysis Using Machine Learning Techniques	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0189865
885	Velmurugun Parameswari, Srinivasan	Structure and Behaviour Characteristics of Aluminum -Nickel- Zinc Alloy by Spray Forming	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5120
886	Dhamodharan, Maruthachalam	Studies on safety management in construction sites in India	2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0216908
887	Balasubramanian, Kaliyaperumal	Surface Properties of Shot-Peened and Plasma Sprayed Powder-Coated Alpha-Beta Titanium Alloy Implants	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5060
888	Fathima, B. Anish	Survey of livestock monitoring and management system using a machine learning algorithm	May-2024	Conference Paper	AIP Conference Proceedings	10.1063/5.0192753
889	Arumugam, Sajeev Ram	Synergizing Generative Adversarial Networks and Pseudo-Labeling for Improved Knee Osteoarthritis Detection	2024	Conference Paper	2nd International Conference on Sustainable Computing and Smart Systems, ICSCSS 2024 - Proceedings	10.1109/ICSCSS60660.2024.10625608
890	Rajesh, A.	Tensile Strength Analysis of Electron Beam Welded AA2024 Aluminum Alloy Joints	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5220

891	Velmurugun Parameswari, Srinivasan	The Application of a Chemical Inhibitor in an Effort to Prevent the Scaling of Ferrous Carbide	2024	Conference Paper	SAE Technical Papers	10.4271/2024-01-5230
892	Shastry, Prajwal P.G.; Vel Prakash, V.L.; Vinosh, M.	The Determination of the Stress Field Surrounding a Quasi-Constrained Inclusion in a Chromium-3.5nickel Alloy	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5184
893	Mahendhiran, P.D.	The Impact of Tamil Python Programming in Wikisource	2024	Conference Paper	Communications in Computer and Information Science	10.1007/978-3-031-58495-4_6
894	Ben Ruben, R.; Dhiyaneswaran, J.; Sanjay Kumar, S.; Dhiyaneswaran, J.	The Impacts of Fly Ash Particles on the Zinc Aluminum Casting Alloy and Its Mechanical Properties	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5123
895	Balamurali, E.; Sumathi, E.	The Utilization of Chatbots to Enhance Contemporary Language Acquisition	2024	Conference Paper	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024	10.1109/ICACCS60874.2024.10716827
896	Sasikumar, R.; Subramaniyam, Balu Mahandiran; Velmurugun Parameswari, Srinivasan	Topology, Morphologies, and Material Properties of 40% Aluminium-10% Nickel Boride Alloys as a Function of Recrystallization Rate	2024	Conference Paper	SAE Technical Papers	10.4271/2023-01-5112
897	Jaisankar, S.	Traversing the Perception Maze: Delving into the intricate terrain of potential customer perceptions in the realm of organic foods through the application of Text Mining	2024	Conference Paper	4th International Conference on Innovative Practices in Technology and Management 2024, ICIPTM 2024	10.1109/ICIPTM59628.2024.10563388
898	Reshma, Vijaya Kumar	A Machine Learning Approach for Predicting Parkinson's Disease Using Big Data	2024	Book Chapter	Recent Advances in Management and Engineering	10.1201/9781003532026-27
899	Ramamoorthi, R.	A Review of Natural Biofiber-Reinforced Polymer Matrix Composites	2024	Book Chapter	Evolutionary Manufacturing, Design and Operational Practices for Resource and Environmental Sustainability	10.1002/9781394198221.ch11
900	Seenivasan, Madhankumar	A review of the utilization of biomass-based materials in food packaging	2024	Book Chapter	Plant Biomass Applications: Materials, Modification and Characterization	10.1016/B978-0-443-15465-2.00006-9
901	Yuvaraj, Kunnathur Periyasamy	A review of various applications of Internet of Things with related security issues and challenges	2024	Book Chapter	Online Social Networks in Business Frameworks	10.1002/9781394231126.ch15
902	Pugalendhi, G.S.	AI-Driven Dynamic Resource Management in Cloud Computing Environments	2024	Book Chapter	Recent Advances in Management and Engineering	10.1201/9781003532026-32
903	Joghee, Mehta Vani	AI-driven real-time stock market analysis using IoE	2024	Book Chapter	Role of Internet of Everything (IOE), VLSI Architecture, and AI in Real-Time Systems	10.4018/979-8-3693-7367-5.ch005

904	Ezhilkumar, Marimuthu Rajendran; Ramesh, Rajappa	Air quality prediction using machine learning techniques for intelligent monitoring systems	2024	Book Chapter	Industry Automation: The Technologies, Platforms and Use Cases	-
905	Sheeba Rani, S.	Analysis and prediction of the usage of screen time to surmount COVID-19 using deep learning	2024	Book Chapter	Digital Analytics Applications for Sustainable Training and Education	-
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1025	Subramani, Sivaranjani	Electric vehicle parameter identification and state of charge estimation of Li-ion batteries: Hybrid WSO-HDLNN method	2023	Article	ISA Transactions	10.1016/j.isatra.2023.07.029
1026	Ashwinkumar, S.; Gowtham, B.; Raman, Chandra Devi; Ramasamy, Hemavathi; Selvam, M.	Electrokinetic remediation for textile wastewater contaminated soil	2023	Article	Global Nest Journal	10.30955/gnj.004691
1027	Ramasamy, Balaji Venkatesalu	Energy-Constrained Target Localization Scheme for Wireless Sensor Networks Using Radial Basis Function Neural Network	2023	Article	International Journal of Distributed Sensor Networks	10.1155/2023/1426430
1028	Rani, P. Kavitha	Energy-Efficient Clustering Using Optimization with Locust Game Theory	2023	Article	Intelligent Automation and Soft Computing	10.32604/iasc.2023.033697
1029	Kousalya, A.	Enhance cloud security and effectiveness using improved RSA-based RBAC with XACML technique	Aug-2023	Article	International Journal of Intelligent Networks	10.1016/j.ijin.2023.03.003

1030	Ramkumar, M.; Sarath Kumar, R.	Enhanced Elman Spike Neural Network fostered intrusion detection framework for securing wireless sensor network	2023	Article	Peer-to-Peer Networking and Applications	10.1007/s12083-023-01492-y
1031	Lakshmi, S. Venkata	Enhancing Smart City Waste Management through LBBOA based RIAN Classification	2023	Article	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt2365
1032	Majidha Fathima, K.M.	Enhancing the Quality of Service by GBSO Splay Tree Routing Framework in Wireless Sensor Network	2023	Article	KSII Transactions on Internet and Information Systems	10.3837/tiis.2023.08.013
1033	Raghuvaran, P.; Rajesh, Appasamy; Narasimharaj, Venugopal	Enhancing the fatigue strength of stir-casted Al7075-SiC composites through heat treatment and shot peening	2023	Article	Physica Scripta	10.1088/1402-4896/acf3b7
1034	Ramkumar, M.	Ensemble classifier fostered detection of arrhythmia using ECG data	2023	Article	Medical and Biological Engineering and Computing	10.1007/s11517-023-02839-6
1035	Patrick, Ananth John; Elwin J., Granty Regina	Entropy Weighted and Kernalized Power K-Means Clustering Based Lesion Segmentation and Optimized Deep Learning for Diabetic Retinopathy Detection	2023	Article	International Journal on Artificial Intelligence Tools	10.1142/S0218213022500440
1036	Rajendran, Chinnasamy	Evaluation of nickel shot peening process on strength of friction stir welded AA2014-T6 aluminum alloy joints; [Einfluss des Nickel-Kugelstrahlverfahrens auf die Festigkeit von reibrührgeschweißten Verbindungen aus der Aluminiumlegierung AA2014-T6]	2023	Article	Praktische Metallographie/Practical Metallography	10.1515/pm-2022-1038
1037	Srinivasan, V.P.	Experimental investigation on surface morphology and recasting layer of Si3N4-TiN composites machined by die-sinking and rotary EDM	2023	Article	Ceramics International	10.1016/j.ceramint.2022.11.011
1038	Manikandan, R.	Experimental studies on the effects of reinforcing cowpat ash with aluminium composites	2023	Article	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089221129862
1039	Aruchamy, Sathishkumar; Kalaivasan, Kaviyaran, Ranganathan, Soundararajan; Ali, L. Feroz	Exploration of Various Forging Route Performance of Cast A356 Alloy Reinforced with Fly Ash and MWCNT Hybrid Composites	2023	Article	Journal of The Institution of Engineers (India): Series D	10.1007/s40033-022-00401-6

1040	Yogeshwaran, Venkatraman	Exploring Modified Rice Straw Biochar as a Sustainable Solution for Simultaneous Cr(VI) and Pb(II) Removal from Wastewater: Characterization, Mechanism Insights, and Application Feasibility	2023	Article	ACS Omega	10.1021/acsomega.3c04271
1041	Yuvaraj, K.P.	Exploring the effects of self-lubricating MoS ₂ in magnesium metal matrix composite: Investigation on wear, corrosion, and mechanical properties	2023	Article	Colloids and Surfaces A: Physicochemical and Engineering Aspects	10.1016/j.colsurfa.2023.132362
1042	Patrick, Ananth John	FACVO-DNFN: Deep learning-based feature fusion and Distributed Denial of Service attack detection in cloud computing	2023	Article	Knowledge-Based Systems	10.1016/j.knosys.2022.110132
1043	Ganesh, R. Senthil; Maruthi Shankar, B.	FPGA Implementation of a Phase Optimizer-Assisted PTS Scheme for PAPR Reduction in OFDM Systems	Jan-2023	Article	IETE Journal of Research	10.1080/03772063.2023.2273293
1044	Pritima, D.	Friction Stir welding Experimentation and Surface Morphology on Niobium Aluminium 7068 Joint	2023	Article	International Journal of Vehicle Structures and Systems	10.4273/ijvss.15.4.05
1045	Swaminathan, Deepa Kanmani	GIT-Net: An Ensemble Deep Learning-Based GI Tract Classification of Endoscopic Images	2023	Article	Bioengineering	10.3390/bioengineering10070809
1046	Dr.T.atha Maheswari	Glioma Tumor Segmentation from Multi-Modal MRI Images Using Deep Residual and Inception U-Nets	2023	Article	International Journal of Intelligent Systems and Applications in Engineering	-
1047	Lavanya, S.	Graph-Based Replication and Two Factor Authentication in Cloud Computing	2023	Article	Computer Systems Science and Engineering	10.32604/csse.2023.029040
1048	Karthikeyini, S.	Heart Disease Prognosis Using D-GRU with Logistic Chaos Honey Badger Optimization in IoMT Framework	2023	Article	Information Technology and Control	10.5755/j01.itc.52.2.32899
1049	Janet, J.; Patrick, Ananth John	Hybrid Optimization Algorithm Enabled Deep Learning Approach Brain Tumor Segmentation and Classification Using MRI	2023	Article	Journal of Digital Imaging	10.1007/s10278-022-00752-2
1050	Jayasudha, R.	Hybrid optimization enabled deep learning-based ensemble classification for heart disease detection	2023	Article	Signal, Image and Video Processing	10.1007/s11760-023-02656-2
1051	Kumar, S. Pradeep; Sneha, S.; Vignathirisaa, T.S.; Yogeshwaran, Venkatraman	Hydrochemical Characterization Study of Singanallur Lake, Coimbatore	2023	Article	Indian Journal of Environmental Protection	-
1052	Balakrishnan, S.	IOT based prediction of rainfall forecast in coastal regions using deep reinforcement model	2023	Article	Measurement: Sensors	10.1016/j.measen.2023.100877
1053	Kavin, R.	IOT-BASED cyber security identification model through machine learning technique	2023	Article	Measurement: Sensors	10.1016/j.measen.2023.100791

1054	Yuvaraj, K.P.	Impact of ultrasonic vibration power and tool pin profile on mechanical and microstructural behaviour of friction stir welded dissimilar aluminium alloy joints	2023	Article	Aircraft Engineering and Aerospace Technology	10.1108/AEAT-02-2022-0035
1055	Mahalakshmi, G.	Improved Power Effective Node Combined Heterogeneous Path Protocol for Enhance Network Lifetime Based on Cloud Resource Management in WSN	2023	Article	International Journal of Intelligent Systems and Applications in Engineering	-
1056	Janet, J.	Improved Security of the Data Communication in VANET Environment Using ASCII-ECC Algorithm	2023	Article	Wireless Personal Communications	10.1007/s11277-022-09974-7
1057	Aruchamy, Sathishkumar; Ranganathan, Soundararajan	Influence of eutectic-Si in as-cast and fibrous-eutectic-Si in LPBF-processed AISi10Mg alloys on wear and corrosion behaviors treated with direct aging route	2023	Article	Journal of Materials Science	10.1007/s10853-023-08950-1
1058	Vignesh, S.	Influence of powdered chick eggshell (PECS) on mechanical and wear properties of kenaf fiber (KF) reinforced composites	2023	Article	Materials Today: Proceedings	10.1016/j.matpr.2023.03.009
1059	Rajendran, Chinnasamy	Influence of tool plunging rate on mechanical properties and microstructure of friction stir welded DMR249A high strength low alloy (HSLA) steel butt joints	2023	Article	Materialpruefung/Materials Testing	10.1515/mt-2023-0043
1060	Gopinathan, R.	Influences of various metal oxide-based nanosized particles-added algae biodiesel on engine characteristics	2023	Article	Energy	10.1016/j.energy.2023.128633
1061	Rameshkumar, Vighnesh	Influencia de la bacteria megaterium en las propiedades de resistencia y durabilidad del hormigón parcialmente sustituido con metacaolín; [Influence of bacteria megaterium on strength and durability properties of concrete partially substituted with metakaolin]	2023	Article	Revista Ingenieria de Construccion	10.7764/RIC.00074.21
1062	Sinduja, K.	Integrating lncRNA gene signature and risk score to predict recurrence cervical cancer using recurrent neural network	2023	Article	Measurement: Sensors	10.1016/j.measen.2023.100782
1063	Ganesh, R. Senthil; Maruthi Shankar, B.	Integration of Artificial Intelligence in Micro-patch Antenna Design for AMCA Aircraft	Nov-2023	Article	International Journal of Intelligent Systems and Applications in Engineering	-
1064	Senthil Kumar, S.	Integration of Artificial Intelligence into Operations and Monitoring of 3R Manipulator	2023	Article	International Journal of Intelligent Systems and Applications in Engineering	-
1065	Pritima, D.	Intelligent Deep Learning Enabled Human Activity Recognition for Improved Medical Services	2023	Article	Computer Systems Science and Engineering	10.32604/csse.2023.024612

1066	Subramani, Sivaranjani	Intelligent RBF-Fuzzy Controller Based Non-Isolated DC-DC Multi-Port Converter for Renewable Energy Applications	2023	Article	Sustainability (Switzerland)	10.3390/su15129425
1067	Kandasamy, Ramesh	Intelligent Resource Provisioning and Optimization in Fog Computing using Deep Reinforcement Learning	2023	Article	SSRG International Journal of Electronics and Communication Engineering	10.14445/23488549/IJECE-V10I8P109
1068	Kousalya, A.	Intelligent root cause detection in Industry 4.0: a secure cross-validation of blockchain architecture for product failure checker	2023	Article	Optical and Quantum Electronics	10.1007/s11082-023-05479-0
1069	Francis Selvaraj Jayapalan, Daniel; Patrick, Ananth John	Internet of Things-based root disease classification in alfalfa plants using hybrid optimization-enabled deep convolutional neural network	2023	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.7504
1070	Rajendran, Chinnasamy	Investigation of the tensile strength of the CMT and PCMT joints of AA8011 aluminum alloy	2023	Article	Emerging Materials Research	10.1680/jemmr.23.00102
1071	Arunbharathi, R.; Deepika, M.; Diraviam, T.; Gobikuma, M.; Godavari, S.; Gowtham, M.	Investigation on Mechanical and Corrosion Characteristics of LM13-ZrB2 Composites	2023	Article	International Journal of Vehicle Structures and Systems	10.4273/ijvss.15.4.21
1072	Rangasamy, Ramamoorthi	Investigation on the 1-kW Francis turbine elbow type draft tube performance by numerical and optimisation approach	2023	Article	Progress in Computational Fluid Dynamics	10.1504/PCFD.2021.10048084
1073	Arunbharathi, R.	Investigation on the Mechanical Properties of Powder Metallurgy-Manufactured AA7178/ZrSiO4Nanocomposites	2023	Article	Advances in Materials Science and Engineering	10.1155/2023/3085478
1074	Pritima, D.; Veerappan, G.	Investigations on Silicon Carbide Reinforced High Entropy Alloy (CoCrNiMnFe) matrix Composites Produced by Powder Metallurgy Process	2023	Article	Silicon	10.1007/s12633-023-02369-8
1075	Patrick, Ananth John	IoT enabled lung cancer detection and routing algorithm using CBSOA-based ShCNN	2023	Article	International Journal of Adaptive Control and Signal Processing	10.1002/acs.3518
1076	Saranya, G.	IoT-based patient monitoring system for predicting heart disease using deep learning	2023	Article	Measurement: Journal of the International Measurement Confederation	10.1016/j.measurement.2023.113235
1077	Azhaguramyaa, V.R.; Janet, J.	Lightweight Health Data Security Protocol with Multi-Block Chaining Principles for Intelligent Wireless IoT-Fog Systems	2023	Article	Ad-Hoc and Sensor Wireless Networks	10.32908/ahswv57.10629
1078	Sindhuraj, Infant Cyril Gnanasamy Lazar; Patrick, Ananth John	Loan eligibility prediction using adaptive hybrid optimization driven-deep neuro fuzzy network	2023	Article	Expert Systems with Applications	10.1016/j.eswa.2023.119903

1079	Premnath, Sasi Padma	MSRFNet for skin lesion segmentation and deep learning with hybrid optimization for skin cancer detection	2023	Article	Imaging Science Journal	10.1080/13682199.2023.2187518
1080	Geetha, D. Mohana	Machine Learning Approach for Material Analytics and Classification - Insights Based on a Criminal Forensic Investigation Data	2023	Article	International Journal of Safety and Security Engineering	10.18280/ijss.130218
1081	Ranganathan, Soundararajan	Mechanical and machining behavior of betel nut fiber/leather/chitin-toughened epoxy hybrid composite	2023	Article	Biomass Conversion and Biorefinery	10.1007/s13399-022-02994-0
1082	Kalaiarasan, Kaviyaran; Ranganathan, Soundararajan	Metallurgical enhancement and mechanical performance of GTAW of AA5083 plates using medium and high-entropy fillers	2023	Article	Materials Characterization	10.1016/j.matchar.2023.113167
1083	Babu, N.	Microstructural, mechanical and tribological characterization of ZrB ₂ reinforced AZ31B surface coatings made by friction stir processing	2023	Article	Journal of Adhesion Science and Technology	10.1080/01694243.2022.2029093
1084	Rajendran, Chinnasamy	Microstructure and Pitting Corrosion Characteristics of Tig Welded Joints of Super 304HCu Austenitic Stainless Steel; [Gefügeeigenschaften und Lochkorrosionsverhalten von WIG-Schweißverbindungen aus rostfreiem austenitischem Edelstahl Super 304HCu]	2023	Article	Practical Metallography	10.1515/pm-2022-1034
1085	Manikandan, R.	Microstructure, mechanical and wear characteristics of CeO ₂ -Mg metal matrix composites	2023	Article	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089221139592
1086	Lakshmi, S. Venkata	Monkeypox Detection Using Hyper-Parameter Tuned Based Transferable CNN Model	2023	Article	International Journal of Experimental Research and Review	10.52756/ijerr.2023.v33spl.003
1087	Ramasamy, Senthil Ganesh	Multi-Channel Assessment Policies for Energy-Efficient Data Transmission in Wireless Underground Sensor Networks	2023	Article	Energies	10.3390/en16052285
1088	Balamurugan, S.	Multi-response and multi-criteria decision-making optimization of transesterification reaction for biodiesel production based on critic weight determination method	2023	Article	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	10.1177/09544089221110954
1089	Lakshmi, S. Venkata	NETWORK INTRUSION DETECTION BASED ON ONEDIMENSIONAL CNN WITH CHIMP OPTIMIZATION ALGORITHM	2023	Article	Journal of Theoretical and Applied Information Technology	-

1090	Kanagarajan, Banupriya	NEW TETRAPROPYLAMMONIUM TETRABROMOZINCATE COMPLEX [(C3H7)4N]2ZnBr4(II) - SYNTHESIS, SPECTRAL, THERMAL CHARACTERIZATION AND ANTIOXIDANT ACTIVITY	2023	Article	Bulletin of the Chemical Society of Ethiopia	10.4314/bcse.v37i3.7
1091	Ramya, Karnam Chandrasekhar	Nature-Inspired Energy Enhancement Technique for Wireless Sensor Networks	2023	Article	Energies	10.3390/en16207021
1092	Perumal, Ashoka Varthanan	Optimization of dissimilar AA5052-H32 and AA5083-H111 aluminium FSW joints with scandium interfacial layer	2023	Article	Materials and Manufacturing Processes	10.1080/10426914.2023.2165672
1093	Pritima, D.	Optimization of welding parameters for better tensile strength through Coupled Genetic Algorithm and Firefly Algorithm for AA7010-SiC-Al2O3 hybrid composite	2023	Article	Journal of Ceramic Processing Research	10.36410/jcpr.2023.24.6.1050
1094	Durga, S.	PDSCM: Packet Delivery Assured Secure Channel Selection for Multicast Routing in Wireless Mesh Networks	Jul-2023	Article	Technologies	10.3390/technologies11050130
1095	Hussain, D. Mansoor	PSO-DBNet for Peak-to-Average Power Ratio Reduction Using Deep Belief Network	2023	Article	Computer Systems Science and Engineering	10.32604/csse.2023.021540
1096	Sumathi, R.	Performance Evaluation of Energy Efficient Optimized Routing Protocol for WBANs Using PSO Protocol	2023	Article	International Journal on Recent and Innovation Trends in Computing and Communication	10.17762/ijritcc.v11i4s.6314
1097	Dinesh Kumar, J.R.	Performance Investigation of a Modified Hybrid Parallel Prefix Adder for Speedy and Lesser Power Computations	2023	Article	IETE Journal of Research	10.1080/03772063.2022.2108914
1098	Lakshmi, S. Venkata	Pigeon Inspired Optimization Based Centroid Selection in TGVFCMS for Energy-Efficient Wireless Sensor Network	2023	Article	International Journal of Electrical and Electronic Engineering and Telecommunications	10.18178/ijeetc.12.2.124-133
1099	Subramanian, Ramakrishnan	Polyaromatic hydrocarbons (PAHs) in the water environment: A review on toxicity, microbial biodegradation, systematic biological advancements, and environmental fate	2023	Article	Environmental Research	10.1016/j.envres.2023.115716
1100	Logapriya, B.	Production analysis of manufacturing industry in a single vacation policy under disaster	2023	Article	Mathematical Models in Engineering	10.21595/mme.2023.23737
1101	Palanichamy, Mohan Kumar	RANC-CROP Recommendation Attributed to Soil Nutrients and Stock Analysis Using Machine Learning	2023	Article	IETE Journal of Research	10.1080/03772063.2022.2060868
1102	Kandasamy, Ramesh	Reinforcement Learning Based Energy Consolidation Model for Efficient Cloud Computing System	2023	Article	Applied Mathematics and Information Sciences	10.18576/amis/170109

1103	Dhanesh, M.; Dhinakaran, S.; Moorthy, G. Dhatchana; Sadheesh, S.	Relative Impact of Pollutant Concentration in Industries over Ambient Air Quality around Industrial Zone SIDCO-Kurichi using Spatial Distribution	2023	Article	Indian Journal of Environmental Protection	-
1104	Rajendran, Ezhil Kumar Marimuthu	Removal of azo dyes from synthetic wastewater using biochar derived from sewage sludge to prevent groundwater contamination	2023	Article	Urban Climate	10.1016/j.uclim.2023.101502
1105	Karthik, V.; Muthukrishnan, Ramkumar	Residual based temporal attention convolutional neural network for detection of distributed denial of service attacks in software defined network integrated vehicular adhoc network	Dec-2023	Article	International Journal of Network Management	10.1002/nem.2256
1106	Francis Selvaraj Jayapalan, Daniel; Patrick, Ananth John	Root disease classification with hybrid optimization models in IoT	2023	Article	Expert Systems with Applications	10.1016/j.eswa.2023.120150
1107	Arumugam, Jeevanandham	SINGLE SOURCE CROSS-CONNECTED REDUCED ACTIVATED SWITCHED-CAPACITOR MULTILEVEL INVERTER (S2C2RASCMLI) WITH SELF-VOLTAGE BALANCING FOR HORIZONTAL/VERTICAL EXTENSION	2023	Article	Iranian Journal of Electrical and Electronic Engineering	10.22068/IJEEE.19.4.2177
1108	Arumugam, Sajeev Ram	SPDPOA: Student Psychology Dragonfly Political Optimizer Algorithm-Based Soil Moisture and Heat-Level Prediction for Plant Health Monitoring in Internet of Things	2023	Article	Computer Journal	10.1093/comjnl/bxacc096
1109	Kumar, G. Sathish	STIF: Intuitionistic fuzzy Gaussian membership function with statistical transformation weight of evidence and information value for private information preservation	2023	Article	Distributed and Parallel Databases	10.1007/s10619-023-07423-3
1110	Lavanya, S.	Secured two factor authentication, graph based replication and encryption strategy in cloud computing	Oct-2023	Article	Multimedia Tools and Applications	10.1007/s11042-022-13838-4
1111	Gilbert, Edwin Prem Kumar; Edwin, Lydia	Securing the cyber-physical system: a review	Jul-2023	Article	Cyber-Physical Systems	10.1080/23335777.2022.2104378
1112	Karthikeyini, S.	Security in Medical Image Management Using Ant Colony Optimization	2023	Article	Information Technology and Control	10.5755/j01.itc.52.2.32532
1113	Sophia, B.	Segmentation Based Real Time Anomaly Detection and Tracking Model for Pedestrian Walkways	2023	Article	Intelligent Automation and Soft Computing	10.32604/iasc.2023.029799
1114	Srinivasan, V.P.	Simultaneous multi-response Jaya optimization and Pareto front visualization in EDM drilling of MoSi2-SiC composites	2023	Article	Expert Systems with Applications	10.1016/j.eswa.2023.120669

1115	Arumugam, Jeevanandham	Single-Source Switched-Capacitor-Based Multilevel Inverter (S3CMLI) and Its Horizontal/Vertical Extension with Reduced Components	2023	Article	Iranian Journal of Science and Technology - Transactions of Electrical Engineering	10.1007/s40998-022-00549-7
1116	Kandasamy, Ramesh	Smart Navigation for Vehicles to Avoid Road Traffic Congestion using Weighted Adaptive Navigation * Search Algorithm	2023	Article	SSRG International Journal of Electronics and Communication Engineering	10.14445/23488549/IJECE-V10I5P116
1117	Kandasamy, Ramesh	Smart Traffic: Traffic Congestion Reduction by Shortest Route * Search Algorithm	2023	Article	International Journal of Engineering Trends and Technology	10.14445/22315381/IJETT-V7I13P244
1118	Vijayakumar, Nandalal	Spilt ring resonator-based THz massive MIMO antenna array modelling for future wireless network	2023	Article	Applied Physics A: Materials Science and Processing	10.1007/s00339-023-06880-y
1119	Murugesan, Vigneshkumar	Stir Casting Processing, Mechanical, and Wear Behavior of AA2024 +10 wt. % Flyash +5 wt. % Graphite Hybrid Composite	2023	Article	Advances in Materials Science and Engineering	10.1155/2023/9089620
1120	Sankaran, Packiaraj	Structural and Multi-functional properties of isoelectronic guanlyl hydrazinium picolinic derivatives exhibit centric and non-centric space group	2023	Article	Journal of Solid State Chemistry	10.1016/j.jssc.2023.124158
1121	Paul, C. Arun	Structural, microstructural, vibrational, and thermal investigations of NiO nanoparticles for biomedical applications	2023	Article	Ceramics International	10.1016/j.ceramint.2023.05.273
1122	Vignesh, S.	Study on Mechanical Properties of Polylactic Acid Matrix Added with Fly Ash and Tamarind Kernel Powder Micro Fillers	2023	Article	NanoWorld Journal	10.17756/nwj.2023-s1-121
1123	Chelladurai, Samson Jerold Samuel	Study on the Behavior of Self-Cleaning Impregnated Photocatalyst (TiO ₂) with Cement Mortar	2023	Article	Advances in Materials Science and Engineering	10.1155/2023/3571526
1124	Ramasamy, Balaji Venkatesalu	Superconductor photonic crystal: Optical tunable multichannel filter	2023	Article	Optoelectronics and Advanced Materials, Rapid Communications	-
1125	Ramya, Karnam Chandrasekhar	Sustainable Artificial Intelligence-Based Twitter Sentiment Analysis on COVID-19 Pandemic	2023	Article	Sustainability (Switzerland)	10.3390/su15086404
1126	Perumal, Ashoka Varthanan	Synthesis, characterization and tribological investigation of vegetable oil methyl esters based bio-lubricants	2023	Article	Industrial Crops and Products	10.1016/j.indcrop.2023.117098
1127	Rajendran, Chinnasamy	Tensile and microstructural behavior of gas-tungsten-arc-welded electrolytic tough pitch copper joints	2023	Article	Emerging Materials Research	10.1680/jemmr.23.00012
1128	Rajalakshmi, K.	The Separation Properties of Binary Topological Spaces	2023	Article	Advances in Mathematical Physics	10.1155/2023/4384483

1129	Vigneshwaran, M.	The effects of nano-alumina particles on the enrichment of tensile, flexural and impact properties of carbon fiber-reinforced epoxy composites	2023	Article	Materials Today: Proceedings	10.1016/j.matpr.2023.04.053
1130	Gunasekaran, Mahalakshmi	Torque Ripple Minimization in EV Application	2023	Article	Electric Power Components and Systems	10.1080/15325008.2023.2274937
1131	Geetha, D. Mohana	Towards developing an automated technique for glaucomatous image classification and diagnosis (AT-GICD) using neural networks	2023	Article	International Journal of Information Technology (Singapore)	10.1007/s41870-023-01313-8
1132	Rani, P. Kavitha	Traffic Congestion Detection and Alternative Route Provision Using Machine Learning and IoT-Based Surveillance	2023	Article	Journal of Machine and Computing	10.53759/7669/jmc202303039
1133	Harsha Varthan, G.; Lokkesh Kumar, S.; Raman, Chandra Devi; Ramasamy, Hemavathi; Rashmika, D.	Transport and fate of textile wastewater contaminants into soil	2023	Article	Global Nest Journal	10.30955/gnj.004688
1134	Ranganathan, Soundararajan; Ali, L. Feroz	Tungsten Nanoparticle Reinforced AA7055 via Friction Stir Process Route with Multi-groove Strategy	2023	Article	Journal of Materials Engineering and Performance	10.1007/s11665-022-07325-y
1135	Subramanian, Ramakrishnan	Valorization of annona reticulata biochar by chitosan for the adsorption of azo dye from textile effluent	2023	Article	Global Nest Journal	10.30955/gnj.004882
1136	Patrick, Ananth John	Video Summarization using Deep Convolutional Neural Networks and Mutual Probability-based K-Nearest Neighbour	2023	Article	Journal of Experimental and Theoretical Artificial Intelligence	10.1080/0952813X.2022.2078888
1137	Infant Cyril, Gnanasamy Lazar Sindhuraj; Patrick, Ananth John	Whale social optimization driven deep recurrent neural network for loan eligibility prediction	2023	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.7510
1138	Rasi, D.	YOLO Based Deep Learning Model for Segmenting the Color Images	2023	Article	International Journal of Electrical and Electronics Research	10.37391/IJEER.110217
1139	Jayaprakash, Karthika; Mysamy, Rajkumar	Z number improved reference ideal method-based decision-making process for enforcing cooperation during data dissemination in mobile ad hoc networks	2023	Article	International Journal of Communication Systems	10.1002/dac.5522
1140	Raman, Chandra Devi; Ramasamy, Hemavathi	Green Iron Integrated Electrokinetics for the Remediation of Textile Wastewater Contaminated Soil	2023	Review	Iranian Journal of Chemistry and Chemical Engineering	10.30492/ijcce.2023.1986921.5809

1141	Ramya, Karnam Chandrasekhar	Review of Next-Generation Wireless Devices with Self-Energy Harvesting for Sustainability Improvement	2023	Review	Energies	10.3390/en16135174
1142	Chelladurai, Samson Jerold Samuel	Study on Water Absorption Characteristics, Various Chemical Treatments, and Applications of Biological Fiber-Reinforced Polymer Matrix Composites	2023	Review	Journal of Nanomaterials	10.1155/2023/9903119
1143	Begum, R. Suraj	The Emerging Role of Artificial Intelligence in STEM Higher Education: A Critical Review	2023	Review	International Research Journal of Multidisciplinary Technovation	10.54392/irjmt2351
1144	Arunkkumar, B.	A Comparative Study in Predictive Analytic Frameworks in Big Data	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175863
1145	Subramani, Sivaranjani	A Complete Appraisal of Various Emerging Battery Technology Along with Its Own Attributes	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112780
1146	Dhandayudam, Prabha; Murugesan, Vigneshkumar	A Critical Analysis of the Block Chain in Manufacturing System Implementation	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112828
1147	Narasimharaj, Venugopal	A Deep Learning Framework for Prediction of Heart Diseases from Clinical Observations	2023	Conference Paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250712
1148	Reshma, V.K.	A Detailed Investigation on Potential Impact of Quantum Computing on Improving Artificial Intelligence	2023	Conference Paper	International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2023 - Proceedings	10.1109/ICIDCA56705.2023.10099821
1149	Kiruba, B.	A Fuzzy based CNN Method for Covid 19 Classification in Noisy Chest X-ray Images	2023	Conference Paper	International Conference on Integrated Intelligence and Communication Systems, ICICS 2023	10.1109/ICIICS59993.2023.10421194
1150	Ponnusamy, Vinoth Kumar	A General Investigation of Battery Handling Techniques Driven by IoT	2023	Conference Paper	Proceedings of the 4th IEEE International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2023	10.1109/ICSTCEE60504.2023.10584895

1151	Edwin, Lydia; Gilbert, Edwin Prem Kumar	A Historic-Best Particle Swarm Optimization Approach for Trust-based Routing in Smart Grid Networks	2023	Conference Paper	International Conference on Systems, Signals, and Image Processing	10.1109/IWSSIP58668.2023.10180289
1152	Hari Shruthi, T.K.; Hemalatha, A.; Jothilakshmi, M.; Vanitha, U.	A Novel Approach of Detection and Control of the Heavy Metals in Marine Foods Using Machine Learning	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175814
1153	Krishnamoorthy, N.V.	A Novel Deep Learning based Stress Analysis and Detection Scheme using Characteristic Data	2023	Conference Paper	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	10.1109/ICONSTEM56934.2023.10142592
1154	Krishnamoorthy, N.V.	A Novel Design of Deep Learning Assisted Drug Recommendation Model using Sentimental Inspection	2023	Conference Paper	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023	10.1109/ACCAI58221.2023.10199209
1155	Saranya, G.	A Novel Design of Smart and Intelligent Soldier Supportive Wireless Robot for Military Operations	2023	Conference Paper	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023	10.1109/ACCAI58221.2023.10199831
1156	Kiruba, B.; Manicka Raja, M.	A Novel Energy Efficient Sensor Data Encryption in Fog Based IoT Networks	2023	Conference Paper	2023 International Conference on Next Generation Electronics, NEleX 2023	10.1109/NEleX59773.2023.10421411
1157	Pradeep, G.	A Novel Hybrid Backscatter Assisted Cognitive Radio Networks for Maximum Throughput	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112833
1158	Reeba Jennifer, R.	A Novel Quantum States Based AI Learning on MRI Brain Slices for the Intracranial Tumor Detection	2023	Conference Paper	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023	10.1109/ICCPCT58313.2023.10244958
1159	Murugesan, Vigneshkumar	A Review of Applications, Enabling Technologies, Growth Challenges and Solutions for IoT/IIoT	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112825

1160	Kavitha, M.	A Review on Augmented Reality and YOLO	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10275842
1161	Mani, Vinosh	A Review on Bio Energy/Biomass Fuel Selection and Energy Conversion	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112796
1162	Geetha, R.; Krishnamoorthy, N.V.	A Robust Blockchain Assisted Electronic Voting Mechanism with Enhanced Cyber Norms and Precautions	2023	Conference Paper	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	10.1109/ICONSTEM56934.2023.10142750
1163	Krishnamoorthy, N.V.	A Robust Digital Image Analyzing Methodology to Prevent Vehicle Theft based on Automatic Number Plate Recognition Principle	2023	Conference Paper	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023	10.1109/ICSES60034.2023.10465430
1164	Saranya, G.	A Robust Real Time Train Delay Prediction System to Support Passengers by using Fuzzy based Learning Scheme	2023	Conference Paper	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023	10.1109/ICSES60034.2023.10465403
1165	Ananthi, K.	A Study on Various Types of Lamps used in Domestic Sector and their Impact on Energy Efficiency	2023	Conference Paper	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023	10.1109/ICEARS56392.2023.10085278
1166	Mustafa, Mohammed Mubarak	A Symmetric TDMA Mechanism to Optimize the Performance of the Body Sensor Network for Sports Application	2023	Conference Paper	HORA 2023 - 2023 5th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Proceedings	10.1109/HORA58378.2023.10156665
1167	Dinesh Kumar, J.R.; Logeshwaran, V.	A Systematic Approach in Detecting Brain Tumor using CCNN Algorithm	2023	Conference Paper	Proceedings - 3rd International Conference on Smart Technologies, Communication and Robotics 2023, STCR 2023	10.1109/STCR59085.2023.10396902
1168	Jayaprakash, Karthika	A hybrid solar-battery power source with nano - Grid smart home with plug-in electric vehicle	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0119613

1169	Anandkumar, V.	AI Innovations in IoT and Machine Learning for Health Prediction Systems	2023	Conference Paper	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings	10.1109/ICICT57646.2023.10134238
1170	Kumar, G. Mokesh Anand; Manicka Raja, M.; Sanchita, T.; Sandhya, A.	AI-Powered Mobility Educational Application for Enhancing Student Learning	2023	Conference Paper	IDCloT 2023 - International Conference on Intelligent Data Communication Technologies and Internet of Things, Proceedings	10.1109/IDCloT56793.2023.10053423
1171	Palanichamy, Mohan Kumar	Adaptable criteria progress quality management indicators for global software requirements prioritization	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0126197
1172	Pradeep, G.	Advanced Grape Leaf Disease Detection using Neural Network	2023	Conference Paper	Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023	10.1109/ICEARS56392.2023.10085036
1173	Muthukumar, K.	Advancing Safety: IoT-Based Multi Sensor System for Real-Time Multiple Hazards Detection and Alarming	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276128
1174	Sethupathi, R.; Sudhanshu, S.; Sundaramurugan, P.A.; Vignesh, C. Shyam; Vineeth, V.V.	Air Quality Management and Health Monitoring System for Truck drivers	2023	Conference Paper	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023	10.1109/ICEES57979.2023.10110281
1175	Krishnamoorthy, N.V.	An Appliance of Energy Efficient Mechanism to Design Smart Systematic Street Light Controlling System using Internet of Things	2023	Conference Paper	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023	10.1109/ICSES60034.2023.10465308
1176	Pradeep, G.	An Effective Framework for Detecting Epileptic Seizures using CNN and Encrypted EEG Signals	2023	Conference Paper	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings	10.1109/ICSCSS57650.2023.10169196
1177	Arumugam, Sajeev Ram	An Effective POS-CNN-Based Adaptive Model for Classifying Brain Tumour from MRI Images	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175974
1178	Saranya, G.	An Empirical Design of IoT based Health Surveillance Scheme for Coronavirus Affected Patients	2023	Conference Paper	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	10.1109/ICONSTEM56934.2023.10142298

1179	Abirami, S.V.	An In-Depth Survey on Environmental Sustainability: Mitigating Energy Footprints for an Advanced Future Outlook	2023	Conference Paper	Proceedings - 3rd International Conference on Smart Technologies, Communication and Robotics 2023, STCR 2023	10.1109/STCR59085.2023.10396997
1180	Palaniraj, Saravanakumar	An Innovative Approach of CNN-BiGRU Based Post-Earthquake Damage Detection of Reinforced Concrete for Frame Buildings	2023	Conference Paper	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings	10.1109/ICSSAS57918.2023.10331894
1181	Kousalya, A.	An Innovative Development with Multidisciplinary Perspective in Metaverse Integrating with Blockchain Technology with Cloud Computing Techniques	2023	Conference Paper	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings	10.1109/ICICT57646.2023.10134108
1182	Hemadarshana, T.; Ilakya, S.; Jaiveena, R.; Niranjana, R.	An Intelligent Gas Monitoring System with Solenoid Valve and Weight Cell using MQTT	2023	Conference Paper	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023	10.1109/ICECAA58104.2023.10212350
1183	Mani, Vinosh	An Investigation on Battery Management System for Autonomous Electric Vehicles	2023	Conference Paper	IDCloT 2023 - International Conference on Intelligent Data Communication Technologies and Internet of Things, Proceedings	10.1109/IDCloT56793.2023.10053441
1184	Madhankumar, S.; Selvan, T.A.	An empirical study of the impacts of parameters in micro electrochemical drilling of Al 7075 alloy composites with SiC and fly-ash	2023	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.09.453
1185	Murugesan, Vigneshkumar	Analysis of the Requirement and Architecture for the Internet of Drones	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112779
1186	Agash, C.P.; Rani, P. Kavitha	Augmented Reality and Waste Reduction: Enhancing the Recycling Process for Mobile E-Waste in Automotive Manufacturing	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112913
1187	Yuvaraj, K.P.	Auto Encoder and PMU Applied Electricity Theft Detection in Smart Grids	2023	Conference Paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250492
1188	Ananthi, K.; Raj, M. Naveen; Varshan, A.; Vikram, C.K. Sarath	Automated Sand Depositing System for Sand Casting Process	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175936

1189	Rani, K. Sasi Kala	Automated mechanism for improving precision irrigation using machine learning	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128309
1190	Adhira, M.; Devi, S. Sowmiya; Priya, S. Nithya; Sreeranjani, S.	Automatic Seed Disseminator	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175958
1191	Nanthini, N.; Kavin Prasath, K.; Manish Kumar, V.; Mohamed Irfan, F.	Automatic Soft Tissue Tumor Diagnosis Using Machine Learning	2023	Conference Paper	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	10.1109/ICIRCA57980.2023.10220599
1192	Arunachalam, Ar. C.; Bala Shanmugam, K.; Deepikarani, K.; Geetha, D. Mohana	Autonomous Cargo Drone with Collision Avoidance and Warehouse Management IoT	2023	Conference Paper	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings	10.1109/ICACRS58579.2023.10405121
1193	Sinduja, K.	BERT-BiGRU-CRF Application in Insulin Dosage Monitoring System for Control of Blood Glucose Levels in Type 2 Diabetic Patients	2023	Conference Paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250757
1194	Abinaya, S.; Athithya, R.S.; Hema, B.; Isai Valli, R.; Ponnusamy, Vinoth Kumar	Battery Management for Electric Vehicle Using Low Voltage DC-DC Converter	2023	Conference Paper	ICSPC 2023 - 4th International Conference on Signal Processing and Communication	10.1109/ICSPC57692.2023.10125922
1195	Soundari, D.V.; Sujithkumar, N.; Vijaya Baskar, B.	Biometrics - Based Voting Machine Combined with Result Analysis Software	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395245
1196	Abinithi, M.; Ashok, A.; Deepadarsini, K.T.; Vijayakumar, Nandalal	Bird Species Detection Using Deep Learning Method	2023	Conference Paper	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023	10.1109/RMKMATE59243.2023.10369870
1197	Kavya, T.; Khaashwini, M.S.; Niranjana, R.; Santhana Krishnan, R.	Blood Cell Counting and Malaria Pathogen Detection using Convolutional Neural Network	2023	Conference Paper	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings	10.1109/ICESC57686.2023.10193462
1198	K.A.; Bhrugunandana, K.; Vignesh, T.	Braille Board Actuates Text into Braille code using Solenoid Actuator	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175933

1199	Niranjana, R.	Building Resilience in Shopping: Secure Shopping System for Pandemics Like Covid-19	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10275894
1200	Kanimozhi, S.R.; Kaviya, V.; Keerthika, T.; Oviya Swapna, V.; Preethi, L.	Cancer Prediction using Adaptive Boosting Tech Web App	2023	Conference Paper	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings	10.1109/ICSCSS57650.2023.10169748
1201	Dinesh Kumar, J.R.; Priyanka, G.S.; Dinesh Kumar, J.R.; Priyanka, G.S.	Certain Examination on ECG Classification using Hybrid Machine Learning Models	2023	Conference Paper	Proceedings - 3rd International Conference on Smart Technologies, Communication and Robotics 2023, STCR 2023	10.1109/STCR59085.2023.10397059
1202	Dinesh Kumar, J.R.; Jony Jas, J.; Mano Bharathi, S.; Rajarajan; Shabbeer, Priyadharsini	Certain Investigation of Various Algorithms to Improve the Quality of Hearing Aid	2023	Conference Paper	Proceedings - 3rd International Conference on Smart Technologies, Communication and Robotics 2023, STCR 2023	10.1109/STCR59085.2023.10396954
1203	Palaniraj, Saravanakumar	Chimp Optimization Algorithm with Fuzzy Cognitive Map for Vibration-based Damage Detection	2023	Conference Paper	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings	10.1109/ICSCDS56580.2023.10105042
1204	Abhishek Priyan, N.; Abiram, A.; Arun, K.; Bharathwaraji, R.S.; Boopathiraja, D.; Krishnan, Loganathan Navaneetha	Cloud Based Electric Bike Speed and Safety Control System	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112816
1205	Priyadharshini, R.; Ragavan, M.; Raj, Praveen; Raja, M.S. Prithivi; Rajkumar, R.; Sujith, P.	Component Carrying Automated Guided Vehicle	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176789
1206	Chelladurai, Samson Jerold Samuel	Compressive Behavioural Analysis of LM26/ZrB2 Composite Using Finite Element Method	2023	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-19-4556-4_10
1207	Kalaivani, N.	Computational Overhead Analysis for Mitigation of Content Poisoning Attack in NDN-based IoT Body Area Networks	2023	Conference Paper	Procedia Computer Science	10.1016/j.procs.2023.12.081

1208	Niranjana, R.	Connected Agriculture: Leveraging IoT to Revolutionize Farming Practices and Profitability	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10275814
1209	Rasi, D.	Convolution Neural Network with Unsupervised Machine Learning Approach for Feature Extraction and Brain Tumor Detection in Human beings	2023	Conference Paper	1st International Conference on Emerging Research in Computational Science, ICERCS 2023 - Proceedings	10.1109/ICERCS57948.2023.10434117
1210	Balachandran, Arunkumar	Cost effective design and hardware implementation of automatic sanitizer dispenser with human temperature checking system	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0126303
1211	Kousalya, A.	Cyber Physical Systems: Security Technologies, Application and Defense	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10113109
1212	Elwine, Granty Regina; Anand, Sruthi	Cyber Security for Industrial Control System using Deep Neural Network Model	2023	Conference Paper	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023	10.1109/RMKMATE59243.2023.10369564
1213	Ajineshia, J.; Dhyana, K.; Haripriya, A.D.; Jayaprakash, Karthika; Liakath, Afra	DC Voltages Regulation for Renewable Sources using Machine Learning	2023	Conference Paper	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings	10.1109/I-SMAC58438.2023.10290360
1214	Maruthachalam, D.	Damage Assessment and Health Monitoring of Timber Structures Using SHM Techniques	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0109846
1215	Kavya, T.; Khaashwini, M.S.; Meena, A.; Raj, A. Albert; Vanitha, U.	Deep Learning Technique for Prediction of Covid-19 Using CT Images	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175817
1216	Vanitha, U.	Deep learning-based Object Detection in Underwater Communications System	2023	Conference Paper	2023 2nd International Conference on Electrical, Electronics, Information and Communication Technologies, ICEEICT 2023	10.1109/ICEEICT56924.2023.10157072

1217	Lakshmi N, Subha; Varadharaj, S.; Pragadeeswaran, M.; Prasath, Vishnu; Sriram, K.; Srivarshan, P.	Design And Analysis Of Bldc Motor For E-Loader Applications	2023	Conference Paper	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023	10.1109/ICEES57979.2023.10110080
1218	Achitha, M.; Adish, R. Hemand; Indirapriyadarshini, J.; Pranav, R. Jahath	Design and Fabrication of 5 Degrees of Freedom Robotic Arm	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175889
1219	Pritima, D.; Sanjeev Kumar, S.; Shree Arryan, A.S.; Suganthprabhu, R.	Design and Fabrication of Adhesive Application System for Magnets in Motors	2023	Conference Paper	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings	10.1109/ICESC57686.2023.10193106
1220	Arvind, M.; Dheeraj, A.; Keshav, B.; Kishore, P.; Sreeranjani, S.; Vignesh, T.	Design and Fabrication of Automatic Spiral Binding and Punching Machine	2023	Conference Paper	Proceedings - 3rd International Conference on Smart Technologies, Communication and Robotics 2023, STCR 2023	10.1109/STCR59085.2023.10396921
1221	Kannan, A. Neelash; Krishnaprasath, M.; Pritima, D.; Raj, J. Udhaya	Design and Fabrication of Autonomous Robot Butler	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176734
1222	Indirapriyadarshini, J.	Design and Fabrication of Autonomous Robot for Crop Yield Prediction and Analysis using Machine Learning Algorithms	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175892
1223	Indirapriyadarshini, J.; Nellaiappan, B.; Ramya, M.; Vishnu, D.	Design and Fabrication of IoT Based Mechanized Loading and Unloading of Gunny bags in Godowns	2023	Conference Paper	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings	10.1109/ICSSAS57918.2023.10331656
1224	Adhithyan, S.; Kannan, A. Neelash; Krishna, S. Gopi; Sakthivel, J.K.; Saran, S.A.; Vigneshwaran, M.	Design and Fabrication of Smart Electric Bike	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175942
1225	Athish, R.; Lakshmi Narayanan, B.; Nair, Nived Murali; Priya, S. Nithya	Design and Fabrication of Solar Tracking System with Low Power Consumption	2023	Conference Paper	Proceedings - 2023 3rd International Conference on Ubiquitous Computing and Intelligent Information Systems, ICUIS 2023	10.1109/ICUIS60567.2023.00073

1226	Abdul Wahhab, A.R.; Abinesh Balaji, B.; Aniruth, Chakravarthy N; Sarath Kumar, R.	Design and Implementation of Fault Detection and Vehicle Safety Using Embedded Systems	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58 655.2023.10394735
1227	Gupta, Soumya; Sneha, C.; Sowmya, S.; Vanitha, U.	Design and Implementation of IOT Based Real Time Traffic Monitoring System	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58 655.2023.10394760
1228	Karthikeyan, S.; Kiruthik, J.; Madumitha, S.; Manikandan, R.; Prakash Raj, V.	Design and Implementation of IoT Based Accident Detection and Prevention System	2023	Conference Paper	7th International Conference on Trends in Electronics and Informatics, ICOEI 2023 - Proceedings	10.1109/ICOEI5676 5.2023.10125826
1229	Karpagam, M.; Shivani, K.; Shobika, S.; Valarmathi, E.	Design and Implementation of Mechanical Ventilator for Respiratory	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58 655.2023.10395712
1230	Saravanan, C.; Krishnamoorthy, N.V.; Vanakovarayan, S.	Design and Implementation of Patient Monitoring System Based on IoT Using Oxygen Saturation	2023	Conference Paper	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	10.1109/ICONSTE M56934.2023.1014 2891
1231	Sarath Kumar, R.; Tarun, S.; Vengadesh, K.; Venumadhav, C.	Design and Implementation of Photonic Crystal Fiber for Optical Broadband Communication Using Birefringence	2023	Conference Paper	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	10.1109/ICONSTE M56934.2023.1014 2493
1232	Shrisaran, R.; Sonika, V.C.; Srinivasan, M.; Subhakaran Singh, D.; Sumathi, R.	Design and Implementation of Solar based Day and Night Battery Charger	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57 279.2023.10112976
1233	Kousika, N.	Design and Implementation of a Comprehensive Intelligent E-Learning Systems Integrated Web App Solution For Dyslexic Students	2023	Conference Paper	2023 IEEE International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering, RMKMATE 2023	10.1109/RMKMATE 59243.2023.103689 02

1234	Deepak, A.; Dhanushree, V.M.; Elakiya, K.P.; Fathima, B. Anish; Fathima, B. Anish	Design and Optimization of Saturation Based Image Dehazing Algorithm	Sep-2023	Conference Paper	10th International Conference on Advanced Computing and Communication Systems, ICACCS 2024	10.1109/ICACCS60874.2024.10717089
1235	Bala, V. Vignesh; Dharshini, J. Indira Priya; Kumar, A. Nirmal; Prabhu, G.; Viknesh, T.	Design and fabrication of automatic emergency braking system	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0113868
1236	Eswar, G. R. Manoj; Kailash, M.S.; Kapil, P.; Priyadharshini, J. Indira; Viknesh, V. Kesava	Design and fabrication of automatic sterilization system for industrial tools	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0113887
1237	Subhashini, N.	Design of An Energy Efficient Low Voltage Single Phase im	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128291
1238	Abhinav Kumar, K.; Arunachalam, S.; Bavan Kalyan, R.; Hrithik, K.; Madhankumar, S.	Design of Automatic Headlamp Control Using Light-Dependent Resistor Sensors and Night Vision Camera	2023	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-2225-1_58
1239	Ezhilarasan, V.; Ganesh Babu, C.; Girinath, N.; Gnana Ganesh, G.; Vidhya, B.	Design of Efficient Quantum-Dot Cellular Automata Multiplier	2023	Conference Paper	Proceedings - 3rd International Conference on Smart Technologies, Communication and Robotics 2023, STCR 2023	10.1109/STCR59085.2023.10396957
1240	Barathkavi, A.; Brijesh, M.; Gokul Raj, M.; Gowchik, S.; Mahalakshmi, G.	Design of Fuzzy Logic controller for Solar PV fed BLDC Motor with Zeta Converter for Precision Controlled System	2023	Conference Paper	ICSPC 2023 - 4th International Conference on Signal Processing and Communication	10.1109/ICSPC57692.2023.10126041
1241	Dineshkumar, N.; Hariprasath, A.S.; Jeevanantham, G.; Saranya, G.	Design of IoT and Machine Learning based Model for Crop Prediction and Fruit Ripeness Detection	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128402
1242	Asfak, N.; Balakumar, R.; Jayasegar, V.P.; Karthikeyan, S.; Nazeer, Farhan	Design of Octamagnetocore Ceiling Fan	2023	Conference Paper	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023	10.1109/ICEES57979.2023.10110232
1243	Radhika, A.	Design, fabrication and performance estimation of BLDC motor for electric vehicles	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0168256

1244	Millet, M. Shamrin; Saravanan, M.; Selvi, C. Thirumarai; Senthilvel, K.	Designing Rectangular Patch Antenna for broad band 5G Communication	2023	Conference Paper	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023	10.1109/IITCEE57236.2023.10090909
1245	Ramasamy, Balaji Venkatesalu; Sedhu Vikram, M.; Senthilvel, K.; Shri Ram, S.R.	Designing Secure and Efficient Biometric Access Mechanism for Banking Systems	2023	Conference Paper	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	10.1109/ICIRCA57980.2023.10220875
1246	Karthi, S.P.; Muralidharan, G.; Nithin Pranesh, V.; Siva Hari, B.	Detection of Faulty Components in Analog Filters using Fuzzy Logic	2023	Conference Paper	2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings	10.1109/ICESC57686.2023.10193186
1247	Margret Sharmila, F.; Gopi Krishna, S.; Shree Harini, R.; Vityarubbasiri, M.	Detection of Pancreatic Cancer Cells at Early Stage and Recommend the Treatment Process	2023	Conference Paper	Proceedings of the 2023 6th International Conference on Recent Trends in Advance Computing, ICRTAC 2023	10.1109/ICRTAC59277.2023.10480749
1248	Kousalya, A.	Detection of oral cancer lesions using hybrid classifier	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0119438
1249	Arunachalam, M.	Developing a Convolutional Neural Model for Segmentation of Medical Images	2023	Conference Paper	1st International Conference on Emerging Research in Computational Science, ICERCS 2023 - Proceedings	10.1109/ICERCS57948.2023.10434096
1250	Ramya, U.M.	Development and Improving Energy Management System in Smart Grid through Integration with Renewable Energy System with AI and Internet of Things	2023	Conference Paper	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings	10.1109/ICICT57646.2023.10134409
1251	Subramani, Sivaranjani	Development of Novel Flying Capacitor Multilevel Inverter with reduced components & Harmonic mitigation by Soft Computing Technique	2023	Conference Paper	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023	10.1109/ICISCoIS56541.2023.10100427
1252	Vijaya, G.	Drivers Drowsiness Detection using Image Processing and I-Ear Techniques	2023	Conference Paper	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023	10.1109/ICICCS56967.2023.10142501

1253	Ajay, S.; Gowtham Kumar, K.S.; Haynes Immuanel, S.; Jaganadan, H.; Krishnan, Loganathan Navaneetha	Dynamic Wireless Charging and Cloud Based Metering of Electrical Vehicles	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112858
1254	Akash, S.M.; Dhanu Sri, T.K.; Kumar, R. Sarath; Ramkumar, M.; Akash, S.M.; Dhanu Sri, T.K.	EEG Image Classification using Deep Metric Learning with Nearest Neighbor Technique	2023	Conference Paper	Proceedings - 3rd International Conference on Smart Technologies, Communication and Robotics 2023, STCR 2023	10.1109/STCR59085.2023.10396900
1255	Niranjana, R.	EcoGuard: Uniting IoT and AI to Secure Forests and Combat Climate Change in Real-Time	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276080
1256	Ajith, A.; Arjun, R.; Deepak, S.; Godwin, N.; Raghuvaran, P.	Effect of Heat Treatment on Mechanical Properties of Stir-Casted Al7075-SiC Composites	2023	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-19-3053-9_37
1257	Pradeep, G.; Pushpalatha, A.; Rani, P. Kavitha; Rayen, T Dureen V	Effective Crop Yield Prediction Using Gradient Boosting to Improve Agricultural Outcomes	2023	Conference Paper	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023	10.1109/ICNWC57852.2023.10127269
1258	Priya, S. Sasi; Rincy, A.R.; Shirley, D. Ruth Anita; Sruthi, S.; Yazhini, K.	Effective EMI Reduction in Medical Devices and Automotive Power Converters	2023	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-7753-4_38
1259	Mahendhiran, P.D.; Apsara, S.K.; Nithish, S.; Vasudevan, Harshitha	Effective Visualization and Trend Forecasting of Crime Data Through Big Data Analytics and Mining	2023	Conference Paper	Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023	10.1109/ICPCSN58827.2023.00132
1260	Mugesh Kanna, R.; Niranjana, R.; Pradeepkumar, V.	Effectual Sun Tracking Solar Panel System	2023	Conference Paper	Proceedings of the International Conference on Circuit Power and Computing Technologies, ICCPCT 2023	10.1109/ICCPCT58313.2023.10244975
1261	Jaganathan, Baskaran	Efficient Task Scheduling in Cloud Environment Based on Hyper Min Max Task Scheduling	2023	Conference Paper	2nd IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2023	10.1109/ICDCECE57866.2023.10150869

1262	Ananthi, K.; Kritthik, R.; Veeramani, R.; Vishnu, N.	Efficient Warehouse Management System with Automated Storage and Retrieval	2023	Conference Paper	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023	10.1109/ICCES57224.2023.10192604
1263	Thangaraj, Kokilavani	Electric Vehicle Charging Station with Effective Energy Management, Integrating Renewable and Grid Power	2023	Conference Paper	Proceedings of 2023 3rd International Conference on Innovative Practices in Technology and Management, ICPTM 2023	10.1109/ICIPTM57143.2023.10118186
1264	Madhankumar, S.; Selvan, T.A.	Electrical discharge Machining process variable assessment on Al 7075 mixed composite materials utilizing multi-criteria optimization method	2023	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.07.339
1265	Nagarajan, Susila	Emergency Tracking system using Intelligent agent	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128569
1266	Kumar, C. Santhosh	Energy Efficient Routing Protocol in Manet using Eagle Search Algorithm	2023	Conference Paper	Proceedings of IEEE 2023 5th International Conference on Advances in Electronics, Computers and Communications, ICAECC 2023	10.1109/ICAECC59324.2023.10560254
1267	Geetha, D. Mohana; Renukadevi, M.	Enhanced Horse Optimization Algorithm Based Intelligent Query Optimization in Crowdsourcing Systems	2023	Conference Paper	Communications in Computer and Information Science	10.1007/978-3-031-28180-8_16
1268	Rozario, Joshina	Enhancing Indoor Navigation: Bluetooth Beacon-Based Localization Systems	2023	Conference Paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395279
1269	Devi, D.	Enhancing Network Lifetime of WSNs through the Implementation of a Modified Ant Colony Optimization Algorithm	2023	Conference Paper	Procedia Computer Science	10.1016/j.procs.2023.12.092
1270	Gowthamani, R.; Rani, K. Sasi Kala; Binesh, J.; Jayanth, C.R.; Jeba Regan Raj, B.	Enhancing Protection Against Scalper Bots with ML	2023	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-7169-3_27
1271	Boobalan, S.C.	Enhancing Road Safety: A Novel Fuzzy-RBF based Approach for Car Accident Prediction	2023	Conference Paper	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings	10.1109/ICACRS58579.2023.10404297

1272	Rani, K. Sasi Kala	Establishment of an Effective Brain Tumor Classification System through Image Transformations and Optimization Techniques	2023	Conference Paper	1st IEEE International Conference on Innovations in High Speed Communication and Signal Processing, IHCSPP 2023	10.1109/IHCSPP56702.2023.10127182
1273	Maruthu, S.A.; Rajendran, Ezhil Kumar Marimuthu; Sridharan, G.; Sriram, R.	Estimation of Carbon Footprint Pattern at Nile University of Nigeria: A Technical Campus in Nigeria	2023	Conference Paper	E3S Web of Conferences	10.1051/e3sconf/202345503014
1274	Yuvaraj, K.P.	Estimation of Tropical Cyclone Intensity from Satellite Data Using Self Attentive - TCNN-BiGRU Approach	2023	Conference Paper	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	10.1109/ICIRCA57980.2023.10220761
1275	Saranya, G.	Experimental Evaluation of Internet of Things Assisted Human Voice based Smart Home Controlling System	2023	Conference Paper	Proceedings of the 2023 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2023	10.1109/ICSES60034.2023.10465326
1276	Sreeraj, S.	Experimental Evaluation of Internet of Things Assisted Industrial Automation System with Smart Emergency Alert Mechanism	2023	Conference Paper	2023 Global Conference on Information Technologies and Communications, GCITC 2023	10.1109/GCITC60406.2023.10426314
1277	Pavithra, C.K.	Experimental Investigation of Biomass Gasifier Using HTAG Technology	2023	Conference Paper	IDCIoT 2023 - International Conference on Intelligent Data Communication Technologies and Internet of Things, Proceedings	10.1109/IDCIoT56793.2023.10053393
1278	Subramaniana, R. Siva	Experimental Performance Analysis Of Free And Forced Fully Developed Air Flow Green House Solar Dryer Using Curry Leaves	2023	Conference Paper	E3S Web of Conferences	10.1051/e3sconf/202339902008
1279	Lakshmi, S. Venkata	Extended Finite State Machine based Fault Tolerance in WSN	2023	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2023	10.1109/ICCMC56507.2023.10084221
1280	Rani, K. Sasi Kala; Renugadevi, G.	FAAP - A Farmer's Amiable Application to Enhance Agriculture using Mobile Technology	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128421

1281	Abishek, P.; Kavin, R.; Jebastin Daniel, G.; Akash, M.; Gokulsanjay, K.	Fault Detection and Monitoring of BLDC Motor Using ANN	2023	Conference Paper	Proceedings of the 1st IEEE International Conference on Networking and Communications 2023, ICNWC 2023	10.1109/ICNWC57852.2023.10127376
1282	Niranjana, R.	Futuristic Banking: Streamlining ATM Transactions with Fingerprint and Contactless Authentication	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10275852
1283	Kandhasamy, Sivasenthil; Nayaz Baig, Mohammed Kaif; Rajendran, Ezhil Kumar Marimuthu; Rajmane, Sowndhar; Ramasamy, Hemavathi	GIS Based 4D Model For G+2 Residential Building Project	2023	Conference Paper	E3S Web of Conferences	10.1051/e3sconf/202345503015
1284	Mani, Vinosh	Genetic Based Fuzzy Logic Control of SEDC Motor	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128371
1285	Malini, T.	Graphene and Fullerene in Energy Storage Devices: A Comprehensive Review	2023	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-7753-4_5
1286	Aventhika, K.; Deepashri, V.; Vinod, V. C. Binsha; Visvesvaran, C.	Health Monitoring System for Comatose Patient Using Raspberry-Pi	2023	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-7874-6_20
1287	Jaganath, M.S.; Kalidas, K.R.; Murali Manohar, P.; Ponnusamy, Vinoth Kumar; Prajith, R.	Health and Position Tracking for Mountain Climbers	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112709
1288	Anusha, R.; Arun Pandiyan, G.; Bala Nimisha, K.; Priya, S. Sasi	Heart Disease Prediction Using Machine Learning Algorithm	2023	Conference Paper	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	10.1109/ICIRCA57980.2023.10220632
1289	ArunKumar, L.; Avinash, S.; Deepakkumar, B.; Gowthamani, R.; Rani, K. Sasi Kala; Rohini., M.	Heuristics based Segmentation of Left Ventricle in Cardiac MR Images	2023	Conference Paper	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023	10.1109/ICAIS56108.2023.10073912

1290	Reshma, V.K.	Hindi to Bengali translator using GRU model	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0154939
1291	Rani, P. Kavitha; Suryavarshini, S.	Hourly Journal: A Mobile App for Optimizing Your Daily Routines	2023	Conference Paper	Proceedings of the 7th International Conference on Intelligent Computing and Control Systems, ICICCS 2023	10.1109/ICICCS56967.2023.10142712
1292	Rohini., M.	Hybrid Nature-Inspired Based Oversampling and Feature Selection Approach for Imbalance Data Streams Classification	2023	Conference Paper	2022 OPJU International Technology Conference on Emerging Technologies for Sustainable Development, OTCON 2022	10.1109/OTCON56053.2023.10113972
1293	Abhisek, K.; Arthi, J.; Arun Kumar, S.; Ellanchikkumar, T.; Mahalakshmi, G.	Hybrid Power Management Using Interleaved Landsman Converter Implemented Through Machine Learning	2023	Conference Paper	ICSPC 2023 - 4th International Conference on Signal Processing and Communication	10.1109/ICSPC57692.2023.10125590
1294	Pravinkumar, P.; Rabin, G.; Rishiyugan, S.; Soundari, D.V.	Image Processing For LDR To HDR Image Conversion Using Deep Learning	2023	Conference Paper	Proceedings of the 5th International Conference on Inventive Research in Computing Applications, ICIRCA 2023	10.1109/ICIRCA57980.2023.10220773
1295	Kumar, R. Sarath; Sreyaniketha, R.S.; Tamilnilavan, K.S.	Implementation of Discrete Wavelet Transform for Image Compression	2023	Conference Paper	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023	10.1109/ACCAI58221.2023.10199788
1296	Ramasamy, Balaji Venkatesalu; Sakthishree, G.N.; Sanjay, S.; Sushruthan, T.	Implementation of a Pre-Crash Detection System using Node MCU	2023	Conference Paper	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	10.1109/ICSSIT55814.2023.10061016
1297	Karthikeyan, B.	Implementation of a Smart Meter with Independent Load Monitoring using IoT	2023	Conference Paper	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023	10.1109/ICAIS56108.2023.10073741
1298	Muthukumar, K.	Improvement of Task Scheduling with Energy Efficiency including Fault Tolerant with Resilient Computing System in Parallel and Distributed Communication Network	2023	Conference Paper	Proceedings of the 2023 2nd International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2023	10.1109/ICAISS58487.2023.10250750
1299	Rengaraj, Jeyakumar	Influence of rice husk fillers on mechanical properties of banana/epoxy natural fiber hybrid composites	2023	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.09.459

1300	Gowrishankar, S.; Jishnu, M.; Karthick Prithvi, J.; Leander Joseph, P.; Vignesh, T.	Influence of telepresence robot using arduino UNO R3 based 20A robot control board	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0113471
1301	Palaniraj, Saravanakumar	Innovative Method for Earthquake Prediction System using Hybrid Convolutional Neural Network and SVM	2023	Conference Paper	2023 International Conference on Artificial Intelligence and Applications, ICAIA 2023 and Alliance Technology Conference, ATCON-1 2023 - Proceeding	10.1109/ICAIA57370.2023.10169206
1302	Kishoor, H.S.; Mohamed, Y. Mahadeer; Monish, M.; Panneerselvam, S.; Ravichandran, Kishore	Innovative Study on Friction Stir Welding	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175891
1303	Abdullah, R. Yasir; Hariharan, V.C.; Nithin, K.M.; Swetha, V.; Vijayaalayan, A.	Intelligent Fire Detection and Alert System with Sensing Capabilities Powered by Artificial Intelligence	2023	Conference Paper	Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023	10.1109/ICPCSN58827.2023.00133
1304	Sivakumar, Mahima	Interior Angle Computation for detecting Adversary Sensor in Wireless Sensor Networks	2023	Conference Paper	Proceedings of the International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2023	10.1109/IITCEE57236.2023.10091012
1305	Mugesh Kanna, R.; Parthiban, K.; Ragul Prithvi, D.; Ramasamy, Senthil Ganesh	Internet of Things Based Smart Transformer Monitoring System	2023	Conference Paper	2023 International Conference on Integration of Computational Intelligent System, ICICIS 2023	10.1109/ICICIS56802.2023.10430205
1306	Niranjana, R.	Internet of Things and Artificial Intelligence Enabled Smart Wheel Chair	2023	Conference Paper	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings	10.1109/ICICT57646.2023.10134156
1307	Subramani, Sivaranjani	Investigation on DC Chopper Controlled PMSG Driven Horizontal Axis Wind Turbine	2023	Conference Paper	2023 IEEE IAS Global Conference on Emerging Technologies, GlobConET 2023	10.1109/GlobConET56651.2023.10150071
1308	Kannaki, S.	Investigations on ZnO reinforced composite materials for electronic applications – A review	2023	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.11.018

1309	Vijeya Kaveri, V.	IoT Based Coal Mine Safety and health Monitoring System	2023	Conference Paper	Proceedings of the 2nd IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2023	10.1109/ACCAI58221.2023.10200785
1310	Abhishek, R.S.; Anandhamurugan, S.; Aswath, D.L.; Kirubakaran, R.; Malini, T.	IoT Based Smart Poultry Farm Monitoring	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112870
1311	Niranjana, R.	IoT Enabled Waste Management Optimization Framework (IWMOF)	2023	Conference Paper	Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023	10.1109/ICPCSN58827.2023.00210
1312	Suresh, R.	Johan Colouring and Modified Johan Colouring of Line Graph, Middle Graph of Certain Graphs	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0178730
1313	George, Ignisha Rajathi; Midhun Kumar, V.N.; Sneharajalakshmi, P.; Vikash Kumar, S.	KENKO - an AI system to hold health records and assist individuals across cross domains	2023	Conference Paper	Proceedings of the 2023 6th International Conference on Recent Trends in Advance Computing, ICRTAC 2023	10.1109/ICRTAC59277.2023.10480756
1314	Gowthamani, R.	Life-Saving Opulent Ambulance Tracking System	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128562
1315	Maladhi, D.	MRAS for Induction Motor Using Fuzzy-PI Controller	2023	Conference Paper	Smart Innovation, Systems and Technologies	10.1007/978-981-19-8497-6_20
1316	Hariharasudhan, S.; Niranjan, B.C. Subash; Rajkumaraah, B.G.; Vanitha, U.; Yogesh, M.	MSI Regeneration using Enhanced VAE-GAN	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175815
1317	Subramaniam, Balasubramani	Machinability Studies on Aluminium and its Alloys - A Literature Review	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176101
1318	Devi, D.; Mohamed, N. Niyaz; Prasanna, N.; Ram, R.A. Prateek	Machine Learning Based Smart Helmet for Air Quality and Hazardous Event Detection in the Mining Industry	2023	Conference Paper	International Conference on Self Sustainable Artificial Intelligence Systems, ICSSAS 2023 - Proceedings	10.1109/ICSSAS57918.2023.10331685
1319	Karthik, V.; Sreenithi, B.; Uma, M.; Varthayini, R.	Machine Learning Model Based System Design For Music Recommendation	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10394917

1320	Perumal, Ashoka Varthanan	Modeling and Performance Evaluation for Intelligent Internet of Intelligence Things	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112692
1321	Srinivasan, V.P.	Moisture absorption behaviour of surface modified coconut inflorescence fiber reinforced epoxy composites	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0158396
1322	Rasi, D.	Monitoring, Tracking and Fighting Pandemics using Drone-based Artificial Intelligence in IoT	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112840
1323	Architha, B.; Charrunethra, C.R.; Elakiyaa, M.; Vanitha, U.	Motion based Message and Voice Conveyor for Disabled People	2023	Conference Paper	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings	10.1109/ICSCDS56580.2023.10104915
1324	Grace, P. Celina; Sophia, S.; Grace, P. Celina; Sophia, S.	Multibit Soft Error Resilient SRAM Based TCAM for FPGA	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176561
1325	Kousalya, A.	Multimedia IoT Data Compression using Deep Learning Technique	2023	Conference Paper	Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023	10.1109/ICAAIC56838.2023.10140936
1326	Anish Fathima, B.; Siddarth, S.; Sri Vishnu, M.; Vikram, R.	Multiple Disease Predictions using Machine Learning and Deep Learning Algorithms	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395506
1327	Ponnaiah Karthik, R.M.; Samuel Wycliffe, J.; Prasanna, J.; Praveen Kanth, K.	Music Genre Classification Using LSTM and CNN	2023	Conference Paper	Proceedings - 2023 3rd International Conference on Pervasive Computing and Social Networking, ICPCSN 2023	10.1109/ICPCSN58827.2023.00039
1328	Indirapriyadarshini, J.	Next-Generation Digital Healthcare Cloud Folder for Patients	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175888
1329	Ramesh, R.	Nonlocal Fuzzy Solutions for Abstract Second Order Differential Equations	2023	Conference Paper	Springer Proceedings in Mathematics and Statistics	10.1007/978-981-19-8194-4_7
1330	Balakrishnan, S.; Janet, J.; Rohith, T.; Sakthivel, R.; Sanjay Kumar, T.N.	Online Complaint Management System using Image Recognition	2023	Conference Paper	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023	10.1109/ICCES57224.2023.10192886

1331	Kalaivani, N.; Pavithra, D.; Kalaivani, N.; Pavithra, D.	Optimal Resource Allocation in Wireless Systems	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176559
1332	Raja, S.	Particle Swarm Algorithm-Based Integrated Tax and Finance Control Platform Construction	2023	Conference Paper	2023 2nd International Conference on Smart Technologies for Smart Nation, SmartTechCon 2023	10.1109/SmartTechCon57526.2023.10391671
1333	Mani, Vinosh	Performance Analysis of Thin Layer Drying of Okra (<i>Abelmoschus Esculentus</i>)	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176297
1334	Subramaniana, R. Siva	Performance Comparison of Tray, Bed and Integrated Drying Chamber in Closed Loop Heat Pump Dryer for Bermuda Grass	2023	Conference Paper	E3S Web of Conferences	10.1051/e3sconf/202339906005
1335	Saranya, G.	Performance Evaluation of the Infected Rice Leaves Using RCNN	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395251
1336	Balakumar, B.S.	Performance Study on Draft Tube in Kaplan Turbine	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175832
1337	Kavitha, M.	Pest Detection Using Improvised YOLO Architecture	2023	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-7169-3_6
1338	Arumugam, Sajeev Ram; Premnath, Sasi Padma	Plant Disease Classification using CNN-LSTM Techniques	2023	Conference Paper	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	10.1109/ICSSIT55814.2023.10061003
1339	Abhijith, P.R.; Illahi, M. Ashik; Kumar, R. Kavin; Panneerselvam, S.	Plant Incubation System Using Moisture and Rain Sensors	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175890
1340	Indirapriyadharshini, J.	Prediction of Weather Forecasting with Long Short-Term Memory using Deep Learning	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10276273
1341	Durga, S.; Swaminathan, Deepa Kanmani; Durga, S.; Swaminathan, Deepa Kanmani	Private and Secure Blockchain-Based Mechanism for an Online Voting System	2023	Conference Paper	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-031-07654-1_6

1342	Sinduja, K.	Progression of Disease Forecasting in Recurrence Cervical Cancer Using Logistic Regression	2023	Conference Paper	7th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2023 - Proceedings	10.1109/ICECA58529.2023.10395205
1343	Anantraj, I.	Quantum Computing's Double-Edged Sword Unravelling the Vulnerabilities in Quantum Key Distribution for Enhanced Network Security	2023	Conference Paper	2023 International Conference on Next Generation Electronics, NEleX 2023	10.1109/NEleX59773.2023.10420896
1344	Shobana, A.	Randic index in various graphs	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0172441
1345	Dhandayudam, Prabha	Randomized Active Learning to Identify Phishing URL	2023	Conference Paper	Communications in Computer and Information Science	10.1007/978-3-031-25088-0_47
1346	Janani, R.	Recognition of E-Commerce through Big Data Classification and Data Mining Techniques Involving Artificial Intelligence	2023	Conference Paper	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023	10.1109/ICCES57224.2023.10192673
1347	Ramji Tiwari, M.; Rifaya Sherin, K.; Sai Harini, S.M.; Shurya, G.V.; Sowmiya Sri, C.	Reconfigured Boost Converter for PV System	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10112714
1348	Subramaniam, Balasubramani	Regenerative Suspension System Using Linear Magnet System	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175851
1349	Gunasekaran, K.N.	Reinforcement Learning Based Autonomous E-Vehicle Speed Control	2023	Conference Paper	6th International Conference on Inventive Computation Technologies, ICICT 2023 - Proceedings	10.1109/ICICT57646.2023.10134037
1350	Boobalan, S.C.; Maruthachalam, D.	Relevance Vector Machine Tools for Evaluating the Strength Parameters of HPC Incorporating Quarry Dust and Mineral Admixtures with Fibers	2023	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-7346-8_29
1351	Aneez, M. Sahanaj; Ragavarthni, V.; Rahini, P.; Raj, A. Albert	Removal of Colour from Dyeing Industries Waste Water using Organic and Inorganic Absorbents	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176560
1352	Shri Yazhini, R.; Sneka, T.; Swetha, K.; Visvesvaran, C.	Resource Allocation Algorithm for Web Based Hospital Appointment Management System	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395877
1353	Hariharan, V.C.	Review on phase change materials and their applications	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0114431

1354	Kannaki, S.; Karthikeyan, B.; Kavinkumar, P.C.; Mugesh, R.; Priya, S. Nithya	Revolutionizing Agriculture: Innovating an Autonomous Robot for Early Plant Disease Detection	2023	Conference Paper	Proceedings - 2023 3rd International Conference on Ubiquitous Computing and Intelligent Information Systems, ICUIS 2023	10.1109/ICUIS60567.2023.00062
1355	Chenna Krishnan, V.; Raj, A. Albert; Rajkumar, G.	Robost Railway Crack Detection Scheme Using IR Sensor	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395521
1356	Julian, Gnana Dhas C.	Route Optimization of Raw-Milk Collection from Small Farmers located in Remote Villages in India	2023	Conference Paper	2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2023	10.1109/ICAECA56562.2023.10201195
1357	George, Ignisha Rajathi; Nitin Sailesh, V.; Anbu Gandhi, P.; Prakalya, B.S.; Sanchana, M.	SHOPSPHERE - Recommendation system to develop a warehouse with personalized troupe of products	2023	Conference Paper	Proceedings of the 2023 6th International Conference on Recent Trends in Advance Computing, ICRTAC 2023	10.1109/ICRTAC59277.2023.10480838
1358	Sarath Kumar, R.	Securing IoT-Based Home Automation Systems Through Blockchain Technology: Implementation	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395653
1359	Mithran, N.	Security Framework for Net Gun-Equipped Unmanned Aerial Vehicles	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175945
1360	Kumar, B.Arun	Sell and Buy Homegrown Vegetables and Fruits Online Using E-Commerce UML Algorithm	2023	Conference Paper	Proceedings of the 2023 International Conference on Intelligent Systems for Communication, IoT and Security, ICISCoIS 2023	10.1109/ICISCoIS56541.2023.10100576
1361	Mahendhiran, P.D.; Rithish, E.; Santhosh, R.T.; Vignesh, S.V.	Sentimental Analysis on Amazon Camera Reviews using Naive Bayes Algorithm	2023	Conference Paper	International Conference on Sustainable Computing and Smart Systems, ICSCSS 2023 - Proceedings	10.1109/ICSCSS57650.2023.10169302
1362	Manoj Stanislaus, Oswalt; Catherine Chandralekha, T.; Dharshini, R.M.; Hemadharsini, P.	Sentirec - A Sentiment Analysis with Recommendation System	2023	Conference Paper	Proceedings of the 8th International Conference on Communication and Electronics Systems, ICCES 2023	10.1109/ICCES57224.2023.10192840
1363	Mithran, N.	Shape and Size Effects of Glass Mini-Channels on Infrared Sensors in Air–Water Two-Phase Flow	2023	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-19-3379-0_27

1364	Kandasamy, Ramesh	Shortest Route * Bidirectional Search Algorithm for Predicting Shortest Routes in Traffic	2023	Conference Paper	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023	10.1109/ICOSEC58147.2023.10275995
1365	Ahamed, A. Ijas; Akshey, P.B.; Priyadharshini, R.; Ramesh, Adithyaa	Six-Wheeled Material Handling Robot with 3-DOF Robotic Arm	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176790
1366	Saranya, G.	Skin Cancer Classification Based on Machine Learning Techniques	2023	Conference Paper	Proceedings of 8th IEEE International Conference on Science, Technology, Engineering and Mathematics, ICONSTEM 2023	10.1109/ICONSTEM56934.2023.10142758
1367	Karuppaiyen, Muthulakshmi	Smart Automated Kitchen System using Internet of Things	2023	Conference Paper	2023 International Conference on Computer Communication and Informatics, ICCCI 2023	10.1109/ICCCI56745.2023.10128637
1368	Dhanush, S.; Girishankar, P.L.; Jerry Samraj, A.; Karthik, V.	Smart Energy Management System for Onion Preservation	2023	Conference Paper	2nd International Conference on Automation, Computing and Renewable Systems, ICACRS 2023 - Proceedings	10.1109/ICACRS58579.2023.10405306
1369	Karpagam, M.; Sahana, S.S.; Sivadharini, S.; Soundharyasri, S.	Smart Energy Meter and Monitoring System using Internet of Things (IoT)	2023	Conference Paper	IDCIoT 2023 - International Conference on Intelligent Data Communication Technologies and Internet of Things, Proceedings	10.1109/IDCIoT56793.2023.10053541
1370	Narasimharaj, Venugopal	Smart Farming: Intelligent Animal Detection Framework in Agriculture using IoT Sensors	2023	Conference Paper	Proceedings of the 2nd International Conference on Edge Computing and Applications, ICECAA 2023	10.1109/ICECAA58104.2023.10212297
1371	Sujitha, A.; Sumitha, G.; Sureka, A.S.; Vijayakumar, Nandalal	Smart System for Women Safety in Cyberspace by Fake Profile Detection	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175998
1372	Palaniappan, Shanthi	Social Network Users Mental Stress Identification using Machine Learning	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176771
1373	Asmitha, M.; Balasubramaniam, Maruthi Shankar; Shree, S.M. Gobiga; Sundari, P. Abinaya	Software Defect Prediction using ANN Algorithm	2023	Conference Paper	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings	10.1109/I-SMAC58438.2023.10290523

1374	Manicka Raja, M.	Solar Radiation Prediction using Machine Learning Model	2023	Conference Paper	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings	10.1109/ICSCDS56580.2023.10104904
1375	Subramaniam, Balasubramani	Studies on Particle Separation Equipment – A Review	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0175829
1376	Manikandan, R.; Prakash, N. Vishnu; Victor, R.; Vishal, S.	Studies on developing a Humanoid Facial Expressive Robot	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176037
1377	Manikandan, R.	Study of mechanical behaviour of boron carbide and cow dung ash reinforced polymer matrix composite	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0114798
1378	Subramaniam, Balasubramani	Survey on Natural Fibre Composite: Manufacturing Techniques, Mechanical Behaviour and Various Chemical Treatments	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176045
1379	Adhish, N.; Balasubramaniam, Maruthi Shankar; Dineshkumar, R.; Rahul, N.	Sustainable Farming and Customized Livestock Management Using Internet of Things	2023	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-7874-6_40
1380	Karthikeyan, B.; Shahana, C.; Swathi, M.; Swetha, B.; Vijay, B.	Switched Capacitor Based Multilevel Inverter for newline PV System	2023	Conference Paper	Proceedings of the 9th International Conference on Electrical Energy Systems, ICEES 2023	10.1109/ICEES57979.2023.10110242
1381	Vijeya Kaveri, V.	T-Type Three Phase Inverter with Grid Connected System used in Renewable Energy Resources	2023	Conference Paper	2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings	10.1109/ICSCDS56580.2023.10104833
1382	Gilbert, Edwin Prem Kumar; Edwin, Lydia	Temporal Dengue Outbreak Prediction from Climatic Variables using Finite Element Machines for Regression	2023	Conference Paper	International Conference on Systems, Signals, and Image Processing	10.1109/IWSSIP58668.2023.10180266
1383	Shamrin Millet, M.	The Art of YOLOv8 Algorithm in Cancer Diagnosis using Medical Imaging	2023	Conference Paper	2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023	10.1109/ICSCAN58655.2023.10395046

1384	Devi, D.; Mohamed, N. Niyaz; Prasanna, N.; Ram, R.A.S. Prateek; Devi, D.; Mohamed, N. Niyaz; Prasanna, N.; Ram, R.A.S. Prateek	Tomato Leaves Disease Identification by Deep Convolution Neural Network Using Inception V3	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0176545
1385	Arunkumar, P.; Balamurugan, R.	Topology optimization of aluminium alloy wheels for SUV	2023	Conference Paper	AIP Conference Proceedings	10.1063/5.0113358
1386	Balakrishna, S.; Rohith, Cmr; Srihari, M.	Usage of Machine Learning and Artificial Intelligence in Industry 4.0 and Banking Sector	2023	Conference Paper	Proceedings - 5th International Conference on Smart Systems and Inventive Technology, ICSSIT 2023	10.1109/ICSSIT55814.2023.10060952
1387	Mahalakshmi, R.; Ponnusamy, Vinoth Kumar; Pragatheshwaran, N.; Subramani, Sivaranjani	Vehicle to Vehicle Communication Using Cognitive Radio Technique	2023	Conference Paper	2023 9th International Conference on Advanced Computing and Communication Systems, ICACCS 2023	10.1109/ICACCS57279.2023.10113011
1388	Rani, K. Sasi Kala	Volume Control feature for gesture recognition in Augmented and Virtual reality applications	2023	Conference Paper	Proceedings of IEEE InC4 2023 - 2023 IEEE International Conference on Contemporary Computing and Communications	10.1109/InC457730.2023.10263252
1389	Hakeem, Suhaina Abdul	What Sweet it is?: SweetNet: A Comprehensive Classification of Milk Sweets	2023	Conference Paper	ACM International Conference Proceeding Series	10.1145/3627631.3627661
1390	Patrick, Ananth John; Premnath, Sasi Padma; Raghuraman, G.	A deep survey on quantum computing technologies	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-003
1391	Kandasamy, Ramesh	A detailed analysis of many different artificial intelligence-based healthcare systems	2023	Book Chapter	Handbook of Research on Thrust Technologies? Effect on Image Processing	10.4018/978-1-6684-8618-4.ch005
1392	Manoj Stanislaus, Oswalt; Rohini., M.	A leap among quantum ML and DL models: A review	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-010
1393	Kiruba, B.; Manicka Raja, M.	A novel mechanism in continuous intelligence for mining and aggregating IoT sensor data	2023	Book Chapter	Internet of Things: Applications for Sustainable Development	10.1201/9781003226888-16

1394	Kiruba, B.; Manicka Raja, M.	A perspective study on quantum machine learning models for the areas of medicine, materials, sensing, and communication	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-011
1395	Aswathy, H.; Palaniappan, Shanthi; Veerubommu, Ragavi	A review on major complications in the pregnancies of women using deep learning algorithms	2023	Book Chapter	Predicting Pregnancy Complications Through Artificial Intelligence and Machine Learning	10.4018/978-1-6684-8974-1.ch015
1396	Elwin J., Granty Regina	AI applications-computer vision and natural language processing	2023	Book Chapter	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications	-
1397	Gowthamani, R.; Rani, K. Sasi Kala; Rohini., M.	Adaptive energy intelligence using AI/ML techniques	2023	Book Chapter	Self-Powered Cyber Physical Systems	10.1002/9781119842026.ch6
1398	Nagarajan, Susila	Adequate lung cancer prognosis system using data mining algorithms	2023	Book Chapter	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications	10.1049/pbpc062e_ch20
1399	Subramanian, R. Siva	Applications of Drones in Predictive Analytics	2023	Book Chapter	Predictive Analytics in Smart Agriculture	10.1201/9781003391302-14
1400	Pugalendhi, G.S.; Rani, K. Sasi Kala	Applications of quantum AI for healthcare	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-014
1401	Jeyabalan, Indirapriyadharshini	Artificial Intelligence for Smart in Match Winning Prediction in Twenty20 Cricket League Using Machine Learning Model	2023	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-031-23602-0_3
1402	Ganesh Babu, K.; Gokul, R.M.; Pavithra, S.; Sumathi, R.	Artificial Intelligence-based ambulance	2023	Book Chapter	Intelligent and Soft Computing Systems for Green Energy	10.1002/9781394167524.ch17
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1404	Shobana, G.	Collaborative Filtering Skyline (CFS) for enhanced recommender systems	2023	Book Chapter	Handbook of Computational Sciences: A Multi and Interdisciplinary Approach	10.1002/9781119763468.ch3

1405	Jaganathan, Dhiyaneswaran; Ramachandran, N.; Ranjith Kumar, S.; Reji, Arun Kuriem; Subramaniana, R. Siva	Compelling Forces and Challenges for the Food Processing Industry to Adopt Industry 4.0	2023	Book Chapter	Internet of Things: Technological Advances and New Applications	10.1201/9781003304609-1
1406	Gilbert, Edwin Prem Kumar; Edwin, Lydia	Condition monitoring in wind turbines: a review	2023	Book Chapter	Non-Destructive Testing and Condition Monitoring Techniques in Wind Energy	10.1016/B978-0-323-99666-2.15003-8
1407	Arunbharathi, R.	Decision Support System for Smart Agriculture in Predictive Analysis	2023	Book Chapter	Predictive Analytics in Smart Agriculture	10.1201/9781003391302-11
1408	Balakrishnan, S.; Arulkumar, V.; Arulkumar, V.	Deep Learning Techniques for Cybersecurity Applications	2023	Book Chapter	Computational Intelligence for Cybersecurity Management and Applications	10.1201/9781003319917-3
1409	Gowthamani, R.; Rohini., M.	Digital transformation technology and tools: Shaping the future of primary health care	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-001
1410	Kathirvel, A.	Enhanced AI-Based Intrusion Detection and Response System for WSN	2023	Book Chapter	Artificial Intelligence for Intrusion Detection Systems	10.1201/9781003346340-8
1411	Subramani, Sivaranjani	Enterprise data	2023	Book Chapter	Data Fabric Architectures: Web-Driven Applications	10.1515/9783111000886-005
1412	George, Ignisha Rajathi	Exploration of various Internet of Medical Things techniques for monitoring and guiding the Covid-19 infected and uninfected cases	2023	Book Chapter	Security and Privacy Issues in Internet of Medical Things	10.1016/B978-0-323-89872-0.00006-X
1413	Saravanakumar, M.V.; Shanmugasundaram, Elam Cheren; Udhayakumar, N.; Vivek, G.; Yuwan Raj Kumar, M.	Farmer's eye using CNN	2023	Book Chapter	Intelligent and Soft Computing Systems for Green Energy	10.1002/9781394167524.ch23
1414	Kaviyarasu, M.; Raman, Chandra Devi	Geotechnical Investigation of Landslide in Ooty, India	2023	Book Chapter	Landslides: Detection, Predict. and Monit.: Technol. Dev.	10.1007/978-3-031-23859-8_5
1415	Nagarajan, Susila	Illustrating graph neural networks (GNNs) and the distinct applications	2023	Book Chapter	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications	10.1049/pbpc062e_ch13

1416	Manoj Stanislaus, Oswalt; Rohini., M.	Industrial Internet of things and Industry 4.0: A learner's perspectives toward quantum technologies	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-013
1417	Ratheesh Kumar, A.M.	Integrated and intelligent cloud service platforms for transition from Healthcare 1.0 to 4.0	2023	Book Chapter	Technologies for Healthcare 4.0: From AI and IoT to blockchain	-
1418	Kousika, N.; Pushpalatha, A.; Vijeya Kaveri, V.	Investigation on Optical Sensors for Heart Rate Monitoring	2023	Book Chapter	Modeling and Optimization of Optical Communication Networks	10.1002/9781119839569.ch1
1419	Subramani, Sivaranjani	IoT-based telemedicine monitoring machine for COVID patients	2023	Book Chapter	Internet of Medical Things in Smart Healthcare: Post-COVID-19 Pandemic Scenario	-
1420	Nagarajan, Chandrasekar	Knowledge visualization: AI integration with 360-degree dashboards	2023	Book Chapter	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications	-
1421	Abisheck, D.; Gnana Prakash, K.; Hari Babu, S.; Mani, Senthilkumar	LoRa-based flaw location detection in HT line using GSM	2023	Book Chapter	Intelligent and Soft Computing Systems for Green Energy	10.1002/9781394167524.ch18
1422	Arunbharathi, R.	Navigating Ethical and Legal Challenges in Smart Agriculture: Insights from Farmers	2023	Book Chapter	Predictive Analytics in Smart Agriculture	10.1201/9781003391302-10
1423	Aruchamy, Sathishkumar; Manoram, R.B.; Selvan, T.A.	Opportunities for the Internet of Things in Automotives	2023	Book Chapter	Internet of Things: Technological Advances and New Applications	10.1201/9781003304609-5
1424	Geetha, D. Mohana	Optimization Algorithms for Reconfigurable Antenna Design A Review	2023	Book Chapter	Advances in Microwave Engineering: From Novel Materials to Novel Microwave Applications	10.1201/9781003459880-6
1425	George, Ignisha Rajathi; Pooranam, N.; Niranjana, R.	Quantum computing in automata theory	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-008
1426	George, Ignisha Rajathi; Pooranam, N.; Niranjana, R.	Quantum computing: Application-specific need of the hour: Digital transformation technology and tools: Shaping the future of primary healthcare	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-012

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1428	Priyadharsini, R.	Quantum processors/networks/sensors	2023	Book Chapter	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402-007
1429	Ramya, Karnam Chandrasekhar; Rani, Soundarapandian Sheeba; Subramani, Sivaranjani	Renewable Energy Generation Using a Novel Geothermal-Solar Hybrid Power Plant Using RORC	2023	Book Chapter	Materials and Technologies for a Green Environment	10.2174/9789815051216123010003
1430	Pradeep, G.	Securing Shared Data Based on Homomorphic Encryption Schemes	2023	Book Chapter	Homomorphic Encryption for Financial Cryptography: Recent Inventions and Challenges	10.1007/978-3-031-35535-6_4
1431	Bharathi, R.	Soil Analysis and Nutrient Recommendation System Using IoT and Multilayer Perceptron (MLP) Model	2023	Book Chapter	Predictive Analytics in Smart Agriculture	10.1201/9781003391302-5
1432	Swaminathan, Deepa Kanmani	Survey of risks and threats in online learning applications	2023	Book Chapter	Secure Data Management for Online Learning Applications	10.1201/9781003264538-2
1433	George, Ignisha Rajathi	Transfiguration of health care from human to machine touchpoint—A prospect or a pittance?	2023	Book Chapter	Security and Privacy Issues in Internet of Medical Things	10.1016/B978-0-323-89872-0.00010-1
1434	Nagarajan, Susila	Explainable artificial intelligence (XAI): Concepts, enabling tools, technologies and applications	2023	Book	Explainable Artificial Intelligence (XAI): Concepts, enabling tools, technologies and applications	10.1049/PBPC062E
1435	Manoj Stanislaus, Oswalt	Quantum computing and artificial intelligence: Training machine and deep learning algorithms on quantum computers	2023	Book	Quantum Computing and Artificial Intelligence: Training Machine and Deep Learning Algorithms on Quantum Computers	10.1515/9783110791402
1436	Jayaprakash, Karthika; Mysamy, Rajkumar	An efficient hybrid MPA-MOA control approach based on DC microgrid connected constant power loads	2023	Other	Journal of Intelligent and Fuzzy Systems	10.3233/JIFS-221632

1437	Abishek, M.; Aravindhan, N.; Arunkumar, D.; Haswanth, K.; Rajendran, Chinnasamy	Correction to: Effect of Heat Treatment on the Structure and Properties of Laser Welded Joints of Aluminum Alloy AA2024 (Metal Science and Heat Treatment, (2023), 64, 9-10, (564-572), 10.1007/s11041-023-00851-z)	2023	Other	Metal Science and Heat Treatment	10.1007/s11041-023-00860-y
1438	Ramesh, R.	RETRACTED ARTICLE: Google's new AI technology detects cardiac issues using retinal scan(Applied Nanoscience, (2023), 13, (3137))	2023	Other	Applied Nanoscience (Switzerland)	10.1007/s13204-021-02208-5
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1440	Dhandayudam, Prabha	Retraction Note to: Customer behavior analysis using Naive Bayes with bagging homogeneous feature selection approach (Journal of Ambient Intelligence and Humanized Computing, (2021), 12, 5, (5105-5116), 10.1007/s12652-020-01961-9)	2023	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-022-03968-w
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1445	Hussain, D. Mansoor; Surendran, D.	Retraction Note to: The efficient fast-response content-based image retrieval using spark and MapReduce model framework (Journal of Ambient Intelligence and Humanized Computing, (2021), 12, 3, (4049-4056), 10.1007/s12652-020-01775-9)	2023	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-022-04297-8
1446	Hussain, D. Mansoor; Surendran, D.	Retraction Note: Content based image retrieval using bees algorithm and simulated annealing approach in medical big data applications(Multimedia Tools and Applications, (2020), 79, (3683–3698), 10.1007/s11042-018-6708-8)	2023	Other	Multimedia Tools and Applications	10.1007/s11042-022-13859-z
1447	Rani, Soundarapandian Sheeba	Retraction Note: Optimal users based secure data transmission on the internet of healthcare things (IoT) with lightweight block ciphers (Multimedia Tools and Applications, (2020), 79, 47-48, (35405-35424), 10.1007/s11042-019-07760-5)	2023	Other	Multimedia Tools and Applications	10.1007/s11042-023-15841-9
1448	Radhakrishnan, G.	Retraction notice to “Applications of internet of things (IoT) to improve the stability of a grid connected power system using interline power flow controller” [Microprocessors and Microsystems 76 (2020) 103038] (Microprocessors and Microsystems (2020) 76, (S0141933119306635), (10.1016/j.micpro.2020.103038))	2023	Other	Microprocessors and Microsystems	10.1016/j.micpro.2023.104941
1449	Thangaraj, Kokilavani	3-Phase multi-inverter with cascaded H-bridge inverter designing and implementation for renewable system	2022	Article	Sustainable Energy Technologies and Assessments	10.1016/j.seta.2022.102088
1450	Ramasamy, Balaji Venkatesalu	5G Data Offloading Using Fuzzification with Grasshopper Optimization Technique	2022	Article	Computer Systems Science and Engineering	10.32604/CSSE.2022.020971
1451	Manoj Stanislaus, Oswalt	A New Deep Learning Approach Enhanced with Ensemble Learning for Accurate Intrusion Detection in IOT Networks	2022	Article	Ad-Hoc and Sensor Wireless Networks	-
1452	Kavitha, M.; Sujaritha, M.	A Sensitive Wavebands Identification System for Smart Farming	2022	Article	Computer Systems Science and Engineering	10.32604/csse.2022.023320

1453	Perumal, Ashoka Varthanan	A comparative study on tribological characteristics of Ti-6Al-4V and Ti-6Al-4V-ELI alloys using hybrid nanoparticles (Al ₂ O ₃ /MWCNT) cutting fluid	2022	Article	Journal of Ceramic Processing Research	10.36410/jcpr.2022.23.3.356
1454	Ramji Tiwari, M.	A comprehensive review of the prospects for rural electrification using stand-alone and hybrid energy technologies	2022	Article	Sustainable Energy Technologies and Assessments	10.1016/j.seta.2022.102155
1455	Radhakrishnan, G.	A genetic load balancing algorithm to improve the QoS metrics for software defined networking for multimedia applications	2022	Article	Multimedia Tools and Applications	10.1007/s11042-021-11467-x
1456	Indirapriyadarshini, J.	A novel measurement method for egg quality identification	2022	Article	Materials Today: Proceedings	10.1016/j.matpr.2021.04.015
1457	Kalpana, S.	A novel three-tier model with group-based CAC for effective load balancing in heterogeneous wireless networks	2022	Article	International Journal of Advanced Intelligence Paradigms	10.1504/ijaip.2022.125232
1458	Duraisamy, Selvakumar	A novel visible light active rare earth doped CdS nanoparticles decorated reduced graphene oxide sheets for the degradation of cationic dye from wastewater	2022	Article	Chemosphere	10.1016/j.chemosphere.2021.132091
1459	Ramasamy, Balaji Venkatesalu	A theoretical analysis to improve the tuning and sensitivity of a surface plasmon resonance biosensor employing titanium disilicide-graphene heterostructures	2022	Article	Journal of Computational Electronics	10.1007/s10825-021-01818-0
1460	Kandasamy, Ramesh	An Algorithm for Detection and Identification of Infestation Density of Pest-Fall Armyworm in Maize Plants using Deep Learning based on IoT	2022	Article	International Journal of Engineering Trends and Technology	10.14445/22315381/IJETT-V70I9P224
1461	Karthikeyan, N.; Sivakumar, M.	An Efficient Deep Learning-based Content-based Image Retrieval Framework	2022	Article	Computer Systems Science and Engineering	10.32604/csse.2022.021459
1462	Barakkath Nisha, Usman	An Efficient Machine Learning-based Text Summarization in the Malayalam Language	2022	Article	KSII Transactions on Internet and Information Systems	10.3837/tiis.2022.06.001
1463	Kandasamy, Ramesh	An Energy Efficient Resource Monitor and Alert Model Using Cloud Computing	2022	Article	International Journal of Intelligent Systems and Applications in Engineering	10.18201/ijisae.2022.273
1464	Abdullah, R. Yasir; Barakkath Nisha, Usman	An Enhanced Anomaly Forecasting in Distributed Wireless Sensor Network Using Fuzzy Model	2022	Article	International Journal of Fuzzy Systems	10.1007/s40815-022-01349-1
1465	Arunachalam, M.	An Image Denoising Scheme Remove Unwanted Pixel Using NLM with Sprint Deep Learning Network	2022	Article	International Journal of Intelligent Systems and Applications in Engineering	-
1466	Sujaritha, M.	An Intelligent Harris Hawks Optimization (IHHO) based Pivotal Decision Tree (PDT) Machine Learning Model for Diabetes Prediction	2022	Article	International Journal of Intelligent Systems and Applications in Engineering	-

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1468	Palanichamy, Mohan Kumar	An Ophthalmic Evaluation of Central Serous Chorioretinopathy	2022	Article	Computer Systems Science and Engineering	10.32604/csse.2023.024449
1469	Rajendran, Chinnasamy	An Optimization of Particle Size and Additives of Slip Cast Alumina Samples to Reduce Warpage and Porosity	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/5222633
1470	Ramya, Karnam Chandrasekhar	An automated deep learning based muscular dystrophy detection and classification model	2022	Article	Computers, Materials and Continua	10.32604/cmc.2022.020914
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1472	Thankaraj, Sujatha	Analysis of DC and RF performance of Al _{0.31} Ga _{0.69} N/Al _{0.1} Ga _{0.9} N/β-Ga ₂ O ₃ double quantum well HEMT on silicon carbide substrate	2022	Article	International Journal of RF and Microwave Computer-Aided Engineering	10.1002/mmce.23141
1473	Hillary, J. Justin Maria	Analysis of Spectroscopic, Morphological Characterization and Interaction of Dye Molecules for the Surface Modification of TiB ₂ Nanoparticles	2022	Article	Journal of Nanomaterials	10.1155/2022/1033216
1474	Abdullah, R. Yasir	Application of Internet of Things on the Healthcare Field Using Convolutional Neural Network Processing	2022	Article	Journal of Healthcare Engineering	10.1155/2022/1892123
1475	Devarajan, Gunapriya	Application of integrated PCA and FIS approach to the selection of current and vibration signal features in mechanical fault classification of induction motor	2022	Article	Journal of Intelligent and Fuzzy Systems	10.3233/JIFS-211124
1476	Elwin J., Granty Regina	Ar-HGSO: Autoregressive-Henry Gas Sailfish Optimization enabled deep learning model for diabetic retinopathy detection and severity level classification	2022	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2022.103712
1477	George, Ignisha Rajathi; Sagayaraj, Mary Fabiola	Artificial Intelligence to Combat the Sting of the Pandemic on the Psychological Realms of Human Brain	2022	Article	SN Computer Science	10.1007/s42979-022-01038-8
1478	Veerappan, G.	Artificial Neural Network Modeling of Abrasion Loss and Surface Roughness of Crab Carapace Impregnated Coir Vinyl Ester Composites	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/2158210
1479	Dhandayudam, Prabha	Artificial intelligence databases: Turn-on big data of the SMBs	2022	Article	International Journal of Business Information Systems	10.1504/IJBIS.2022.120367
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1482	Rajamanickam, Arun Kumar	Assessment of mechanical properties of LM13 aluminum alloy hybrid metal matrix composites	2022	Article	Materials Research Express	10.1088/2053-1591/ac7cc1
1483	Arunkumar, A.	Autism spectrum disorder diagnosis using ensemble ML and max voting techniques	2022	Article	Computer Systems Science and Engineering	10.32604/csse.2022.020256
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1488	Kandasamy, Ramesh	Certain Investigation on Improved Cluster Protocol with Trust security for Wireless Sensor Networks	2022	Article	International Journal of Electrical and Electronics Research	10.37391/ijeer.100447
1489	Kandasamy, Ramesh	Cloud Based Efficient IoT Model for Intelligent Parking System	2022	Article	International Journal of Intelligent Systems and Applications in Engineering	-
1490	Srinivasan, V.P.	Comparative Study on EDM Parameter Optimization for Adsorbed Si3N4-TiN using TOPSIS and GRA Coupled with TLBO Algorithm	2022	Article	Adsorption Science and Technology	10.1155/2022/4112448
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1493	Manikandan, M.	Cost Effective Optimal Task Scheduling Model in Hybrid Cloud Environment	2022	Article	Computer Systems Science and Engineering	10.32604/csse.2022.021816
1494	Palanichamy, Mohan Kumar	Decentralized and Privacy Sensitive Data De-Duplication Framework for Convenient Big Data Management in Cloud Backup Systems	2022	Article	Symmetry	10.3390/sym14071392
1495	Patrick, Ananth John	Deep Recurrent Encoder Network and Spark Model for Angiographic Disease Risk Classification	2022	Article	International Journal of Pattern Recognition and Artificial Intelligence	10.1142/S0218001422500100
1496	Patrick, Ananth John	Deep maxout network for lung cancer detection using optimization algorithm in smart Internet of Things	2022	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.7264

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1498	Francis Selvaraj Jayapalan, Daniel; Jude, Ananth; Francis Selvaraj Jayapalan, Daniel	Design of Grover's Algorithm over 2, 3 and 4-Qubit Systems in Quantum Programming Studio	2022	Article	International Journal of Electronics and Telecommunications	10.24425/ijet.2022.139851
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1500	Barakkath Nisha, Usman	Design of Resources Allocation in 6G Cyberwin Technology Using the Fuzzy Neuro Model in Healthcare Systems	2022	Article	Journal of Healthcare Engineering	10.1155/2022/5691203
1501	Ramasamy, Senthil Ganesh	Design of a Dense Layered Network Model for Epileptic Seizures Prediction with Feature Representation	2022	Article	International Journal of Advanced Computer Science and Applications	10.14569/IJACSA.2022.0131027
1502	Senathipathi, K.	Detection and categorization of acute intracranial hemorrhage subtypes using a multilayer DenseNet-ResNet architecture with improved random forest classifier	2022	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.7167
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1505	Chelladurai, Samson Jerold Samuel	Effect of Moisture Content on Mechanical Properties of AAM Natural Fiber-Reinforced Isophthalic Polyester Composites	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/3533143
1506	Ranganathan, Soundararajan	Effect of cryogenic treatment on nitinol alloy reinforced with mwcnt and its effect on high temperature wear analysis	2022	Article	Journal of Ceramic Processing Research	10.36410/jcpr.2022.23.3.397
1507	Rangasamy, Ramamoorthi	Effect of hybridization of novel African teff and snake grass fibers reinforced epoxy composites with bio castor seed shell filler: Experimental investigation	2022	Article	Polymers and Polymer Composites	10.1177/0967391121102288
1508	Viswanathan, Karthickeyan	Effect of hydrogen on compression-ignition (CI) engine fueled with vegetable oil/biodiesel from various feedstocks: A review	2022	Article	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2021.12.147
1509	Geetha, D. Mohana	Efficient key management system based lightweight devices in IoT	2022	Article	Intelligent Automation and Soft Computing	10.32604/IASC.2022.020422

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1511	Geetha, D. Mohana	Energy Efficient Evolutionary Algorithm based Clustering with Route Selection Protocol for IoT Assisted Wireless Sensor Networks	2022	Article	International Journal of Computer Networks and Applications	10.22247/ijcna/2022/212558
1512	Ramya, Karnam Chandrasekhar	Energy aware metaheuristic optimization with location aided routing protocol for MANET	2022	Article	Computers, Materials and Continua	10.32604/cmc.2022.022539
1513	Balasubramaniam, Maruthi Shankar	Energy-Efficient Network Protocols and Resilient Data Transmission Schemes for Wireless Sensor Networks—An Experimental Survey	2022	Article	Energies	10.3390/en15238883
1514	Palanichamy, Mohan Kumar; Sindhu, V.	Energy-Efficient Task Scheduling and Resource Allocation for Improving the Performance of a Cloud–Fog Environment	2022	Article	Symmetry	10.3390/sym14112340
1515	Ananthi, K.	Enhancing Power Quality Using Packed U Cell 5 Multilevel Inverter-Based Shunt Active Power Filter with Fuzzy Controller	2022	Article	International Journal of Fuzzy Systems	10.1007/s40815-021-01194-8
1516	Hussain, D. Mansoor; Ramasamy, Balaji Venkatesalu	Ensemble Nonlinear Support Vector Machine Approach for Predicting Chronic Kidney Diseases	2022	Article	Computer Systems Science and Engineering	10.32604/csse.2022.021784
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1519	Yogeshwaran, Venkatraman	Evaluation of the performance of packed bed column for heavy metal ion removal using rice husk powder coated with iron oxide nanoparticles	2022	Article	Global Nest Journal	10.30955/gnj.004331
1520	Paul, C. Arun	Exchange bias and magnetocrystalline anisotropy of non-stoichiometric Co xFe3–xO4 nanoparticles	2022	Article	Journal of Materials Science: Materials in Electronics	10.1007/s10854-021-07606-7
1521	Chelladurai, Samson Jerold Samuel	Experimental Investigation on Microstructure and Mechanical Properties of Friction Welded Dissimilar Alloys	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/5769115
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1523	Viswanathan, Karthickeyan	Experimental evaluation of orange oil biodiesel in compression ignition engine with various bowl geometries	2022	Article	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2021.1871684
1524	Manoram, R.B.	Experimental investigation on energy and exergy analysis of solar water heating system using cobalt oxide based nanofluid	2022	Article	Heat and Mass Transfer/Waerme- und Stoffuebertragung	10.1007/s00231-021-03093-y
1525	Divyadharshini, V.M.; Karthickraja, D.; Thamilselvan, R.P.; Yogeshwaran, Venkatraman	Experimental studies on partial replacement of E-waste and Blast Furnace Slag in concrete	2022	Article	Materials Today: Proceedings	10.1016/j.matpr.2022.02.289
1526	Perumal, Ashoka Varthanan	Experimental study on effect of nano Al ₂ O ₃ in physiochemical and tribological properties of vegetable oil sourced biolubricant blends	2022	Article	Digest Journal of Nanomaterials and Biostructures	-
1527	Babu, N.	Experimental study on mechanical and tribological behaviour of Ti-3Al-2.5V alloy at high load condition using response surface methodology	2022	Article	Advances in Materials and Processing Technologies	10.1080/2374068X.2021.1945259
1528	Kandasamy, Ramesh	Fall Armyworm Detection on Maize Plants Using Gas Sensors, Image Classification, and Neural Network Based on IoT	2022	Article	International Journal of Intelligent Systems and Applications in Engineering	-
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1530	Srinivasan, V.P.; Hillary, J. Justin Maria	Finite Element Method-Based Spherical Indentation Analysis of Jute/Sisal/Banana-Polypropylene Fiber-Reinforced Composites	2022	Article	Adsorption Science and Technology	10.1155/2022/1668924
1531	Rajendran, Chinnasamy	Friction stir welding for manufacturing of a light weight combat aircraft structure	2022	Article	Materialpruefung/Materials Testing	10.1515/mt-2022-0165
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1533	Jayaprakash, Karthika; Mysamy, Rajkumar	Fuzzy preference ranking organization method for enrichment evaluation-based node cooperation technique for improving QoS in MANETs	2022	Article	International Journal of Communication Systems	10.1002/dac.5168
1534	Akash, N.; Kaviyarasu, M.; Rajkumar, N.; Raman, Chandra Devi	Green iron particles in textile and dye bath wastewater decolorization	2022	Article	Desalination and Water Treatment	10.5004/dwt.2022.28942
1535	Kumaresan, T.	HYBRID FIREFLY META OPTIMIZATION FOR BIO MEDICAL IMAGE PROCESSING USING DEEP LEARNING	2022	Article	Journal of Pharmaceutical Negative Results	10.47750/pnr.2022.13.04.169
1536	Palanichamy, Mohan Kumar	IMPLEMENTING AN EFFICIENT DATA DEDUPLICATION FRAMEWORK FOR CLOUD STORAGE	2022	Article	Indian Journal of Computer Science and Engineering	10.21817/indjcse/2022/v13i1/221301046

1537	Patrick, Ananth John	Identification of IoT Device From Network Traffic Using Artificial Intelligence Based Capsule Networks	2022	Article	Wireless Personal Communications	10.1007/s11277-021-09236-y
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1540	Yuvaraj, K.P.	Impact of AlN-SiC Nanoparticle Reinforcement on the Mechanical Behavior of Al 6061-Based Hybrid Composite Developed by the Stir Casting Route	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/1399618
1541	Vijayakumar, Nandalal	Implementation of FSS substrate on microstrip patch antenna for terahertz communication	2022	Article	Journal of Optoelectronics and Advanced Materials	-
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1543	Preethi, Gopalakrishnan	Importance of radon assessment in indoor Environment-a review	2022	Article	Materials Today: Proceedings	10.1016/j.matpr.2021.12.534
1544	Abdullah, R. Yasir	Improved Handover Authentication in Fifth-Generation Communication Networks Using Fuzzy Evolutionary Optimisation with Nanocore Elements in Mobile Healthcare Applications	2022	Article	Journal of Healthcare Engineering	10.1155/2022/2500377
1545	Prabhath Ranjan Kumar, S.; Rameshkumar, Vighnesh	Improvements in mechanical and durability parameters of bio-engineered concrete with metakaolin as a partial substitute for cement	2022	Article	European Journal of Environmental and Civil Engineering	10.1080/19648189.2020.1767696
1546	Chelladurai, Samson Jerold Samuel	Influence of Process Parameters on Tensile Strength of the Friction Welded AA6063-T6 Joints by Box-Behnken Design Approach	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/3463726
1547	Manikandan, R.	Influence of cowpat ash particles on micro structure, mechanical and tribological properties of Al 7075 composites	2022	Article	Journal of Ceramic Processing Research	10.36410/jcpr.2022.23.4.511
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1549	Pritima, D.; Veerappan, G.	Investigation and finite element simulation on the MRR and tool wear of aluminium silicon alloy during turning process	2022	Article	Surface Topography: Metrology and Properties	10.1088/2051-672X/ac7066
1550	Subramaniam, Balasubramani	Investigation of Mechanical Properties of Sansevieria cylindrica Fiber/Polyester Composites	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/2180614

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1552	Akilesh, A.R.; Aswin, M.; Gnanasekaran, S.; Gokul Kumar, N.T.; Rajendran, Chinnasamy	Investigation of Shoulder diameter to Sheet Thickness (D/T) Ratio on Tensile Properties Friction Stir Welded AA2014-T6 Aluminum Alloy Joints	2022	Article	Advances in Materials and Processing Technologies	10.1080/2374068X.2021.1970988
1553	Yogeshwaran, Venkatraman	Investigation of mechanism of heavy metals (Cr6+, Pb2+ & Zn2+) adsorption from aqueous medium using rice husk ash: Kinetic and thermodynamic approach	2022	Article	Chemosphere	10.1016/j.chemosphere.2021.131796
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1556	Chelladurai, Samson Jerold Samuel	Investigation on Mechanical and Wear Behaviors of LM6 Aluminium Alloy-Based Hybrid Metal Matrix Composites Using Stir Casting Process	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/4116843
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1558	Boobalan, S.C.; Sivakami Devi, M.	Investigational study on the influence of lime and coir fiber in the stabilization of expansive soil	2022	Article	Materials Today: Proceedings	10.1016/j.matpr.2022.01.230
1559	Vijayakumar, Nandalal	Investigations of Substrate and Patch Materials for Sub-Terahertz Wireless Applications Scenario	2022	Article	Journal of Electronic Materials	10.1007/s11664-022-09734-0
1560	Balakrishnan, S.	IoT for Health Monitoring System Based on Machine Learning Algorithm	2022	Article	Wireless Personal Communications	10.1007/s11277-021-09335-w
1561	Kandasamy, Ramesh	Latency Reduction in Medical IoT Using Fuzzy Systems by Enabling Optimized Fog Computing	2022	Article	SSRG International Journal of Electrical and Electronics Engineering	10.14445/23488379/IJEEE-V9I12P114
1562	Lakshmi, S. Venkata	Latent Semantic Based Fuzzy Kernel Support Vector Machine for Automatic Content Summarization	2022	Article	Intelligent Automation and Soft Computing	10.32604/iasc.2022.025235

1563	Appasamy, Rajesh	MECHANICAL BEHAVIOUR OF INFLORESCENCE/GLASS-FIBRE-REINFORCED HYBRID EPOXY COMPOSITES; [MEHANSKO OBNA[ANJE HIBRIDNEGA EPOKSI KOMPOZITA OJA^ANEGA S KOMBINACIJO NARAVNIH IN STEKLENIH VLAKEN]	2022	Article	Materiali in Tehnologije	10.17222/mit.2022.588
1564	Vijeya Kaveri, V.	Majority voting ensembled feature selection and customized deep neural network for the enhanced clinical decision support system	2022	Article	International Journal of Computers and Applications	10.1080/1206212X.2022.2069643
1565	Subramani, Sivaranjani	Malevolent Information Crawling Mechanism for Forming Structured Illegal Organisations in Hidden Networks	2022	Article	International Journal of Cyber Warfare and Terrorism	10.4018/IJCWT.311422
1566	Edwin, Lydia	Mathematical modeling of real time wind power density using the transformation technique; [Matematyczne modelowanie gęstości mocy wiatru w czasie rzeczywistym z wykorzystaniem techniki transformacji]	2022	Article	Przegląd Elektrotechniczny	10.15199/48.2022.04.7
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1568	Yuvaraj, K.P.	Microstructure and Mechanical Behaviour of Ti-6Al-4V Matrix Reinforced with WCp Developed by Squeeze Casting	2022	Article	Journal of Nanomaterials	10.1155/2022/6381265
1569	Veerappan, G.	Microstructure, mechanical and wear properties of boron carbide reinforced nickel alloy composites processed by bottom pouring type stir casting process	2022	Article	Surface Topography: Metrology and Properties	10.1088/2051-672X/ac5ae5
1570	Iyyappan, Pradeep	Modeling and simulation of single- and double-diode PV solar cell model for renewable energy power solution	2022	Article	Environmental Science and Pollution Research	10.1007/s11356-021-15870-7
1571	Sophia, S.	Multilevel Redundant Discrete Wavelet Transform (ML-RDWT) and Optimal Red Deer Algorithm (ORDA) Centred Approach to Mitigate the Effect of ICI, BER and CIR in a MIMO-OFDM System	2022	Article	Wireless Personal Communications	10.1007/s11277-021-09066-y
1572	Ramkumar, M.	Multiscale Laplacian graph kernel features combined with tree deep convolutional neural network for the detection of ECG arrhythmia	2022	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2022.103639
1573	Murugesan, Vigneshkumar; Perumal, Ashoka Varthanan	NUMERICAL ANALYSIS OF THE EFFECT OF HEAT INPUT IN THE SPOT WELDING OF DISSIMILAR MATERIALS; [NUMERICNA ANALIZA VNOSA TOPLOTE PRI TOCKOVNEM VARJENJU DVEH RAZLICNIH MATERIALOV]	2022	Article	Materiali in Tehnologije	10.17222/mit.2022.411

1574	Karthikeyan, B.	Nanoscale graphene plasmonics logic gate based on the plasma dispersion effect	2022	Article	Optical and Quantum Electronics	10.1007/s11082-022-03660-5
1575	Ali, L. Feroz; Ranganathan, Soundararajan; Srinidhi, M.S.	Notch tensile and dry sliding wear studies on Mg-Nd-Gd-Zn alloy	2022	Article	Surface Topography: Metrology and Properties	10.1088/2051-672X/ac5ebf
1576	Patrick, Ananth John	Object Detection and Localization Using Sparse-FCM and Optimization-driven Deep Convolutional Neural Network	2022	Article	Computer Journal	10.1093/comjnl/bxaa173
1577	Sujaritha, M.; Vijeya Kaveri, V.; Kousalya, A.	Object Tracking Glove	2022	Article	Materials Today: Proceedings	10.1016/j.matpr.2021.12.279
1578	Ramya, Karnam Chandrasekhar	Oppositional Harris Hawks Optimization with Deep Learning-Based Image Captioning	2022	Article	Computer Systems Science and Engineering	10.32604/csse.2023.024553
1579	Yuvaraj, K.P.	Optical Microstructure, FESEM, Microtensile, and Microhardness Properties of LM 25-B4Cnp-Grnp Hybrid Composites Manufactured by Selective Laser Melting	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/3177172
1580	Gopinathan, R.	Optimization on Powder Metallurgy Process Parameters on Nano Boron Carbide and Micron Titanium Carbide Particles Reinforced AA 4015 Composites by Taguchi Technique	2022	Article	Journal of Nanomaterials	10.1155/2022/3577793
1581	Ananthi, K.	Performance Analysis of Effective Controller for Active Power Filter using PUC5 Inverter for Improving Power Quality	2022	Article	Journal of Electrical Engineering and Technology	10.1007/s42835-022-01039-w
1582	Ali, L. Feroz	Performance analysis of AA3103 and AA6063 dissimilar weld joints by friction stir welding	2022	Article	Songklanakarin Journal of Science and Technology	-
1583	Subramaniana, R. Siva	Performance analysis of parabolic trough solar collector by varying the absorber surface	2022	Article	International Journal of Ambient Energy	10.1080/01430750.2020.1712248
1584	Palaniraj, Saravanakumar	Performance enhancement of recycled aggregate concrete - An experimental study	2022	Article	Applied Science and Engineering Progress	10.14416/j.asep.2021.07.003
1585	Rajendran, Chinnasamy	Potentiodynamic Corrosion Behavior and Microstructural Characteristics of Pulsed CMT-Welded AA2014-T6 Aluminium Alloy Joints: Effect of PWHT	2022	Article	Advances in Materials Science and Engineering	10.1155/2022/4874834
1586	Shanthi; Veerubommu, Ragavi; Palaniappan, Shanthi;	Prediction of Epidemic Disease Dynamics on the Infection Risk Using Machine Learning Algorithms	2022	Article	SN Computer Science	10.1007/s42979-021-00902-3
1587	Kumar, G. Sathish	Privacy preserving data mining – past and present	2022	Article	International Journal of Business Intelligence and Data Mining	10.1504/IJBIDM.2022.124844

1588	Manoj Stanislaus, Oswalt; Rohini., M.	Prognosis of Alzheimer's Disease Progression from Mild Cognitive Impairment Using Apolipoprotein-E Genotype	2022	Article	Journal of Electrical Engineering and Technology	10.1007/s42835-021-00967-3
1589	Ramji Tiwari, M.	Quadratic boost converter for wind energy conversion system using back propagation neural network maximum power point tracking	2022	Article	International Journal of Energy Technology and Policy	10.1504/IJETP.2022.121516
1590	Yogeshwaran, Venkatraman	Removal of heavy metal ion concentrations from the wastewater using tobacco leaves coated with iron oxide nanoparticles	2022	Article	International Journal of Environmental Science and Technology	10.1007/s13762-021-03202-8
1591	Veerubommu, Ragavi	RideNN-OptDRN: Heart disease detection using RideNN based feature fusion and optimized deep residual network	2022	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.7355
1592	Patrick, Ananth John	Rider Chicken Optimization Algorithm-Based Recurrent Neural Network for Big Data Classification in Spark Architecture	2022	Article	Computer Journal	10.1093/comjnl/bxab053
1593	Jayaprakash, Karthika; Mysamy, Rajkumar	SPACE-TIME TRELLIS CODE'S PERFORMANCE EVALUATION CONSIDERING BOTH FEED FORWARD AND RECURSIVE STRUCTURE ACROSS WIRELESS CHANNELS	2022	Article	Journal of Theoretical and Applied Information Technology	-
1594	Rajendran, Ezhil Kumar Marimuthu	Seasonal and vertical characteristics of particulate and elemental concentrations along diverse street canyons in South India	2022	Article	Environmental Science and Pollution Research	10.1007/s11356-021-15272-9
1595	Lakshmi, S. Venkata	Securing Mass Distributed Big Data Storage using Intelligent Elliptic Curve Integrated Encryption Scheme in Multi-Cloud Computing	2022	Article	International Journal of Engineering Trends and Technology	10.14445/22315381/IJETT-V70I1P204
1596	Palanichamy, Mohan Kumar	ShChain_3D-ResNet: Sharding Blockchain with 3D-Residual Network (3D-ResNet) Deep Learning Model for Classifying DDoS Attack in Software Defined Network	2022	Article	Symmetry	10.3390/sym14061254
1597	Mani, Senthilkumar	Solar photovoltaic based dynamic voltage restorer with DC-DC boost converter for mitigating power quality issues in single phase grid	2022	Article	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080/15567036.2021.1984614
1598	Rajendran, Chinnasamy	Steel shot peening effects on friction stir welded AA2014-T6 aluminum alloys	2022	Article	Materialprüfung/Materials Testing	10.1515/mt-2021-2173
1599	Sankaran, Packiaraj	Structural and multi-functional properties of novel thorium complex bearing higher analogue of guanidine base	2022	Article	Materials Chemistry and Physics	10.1016/j.matchemphys.2021.125213
1600	Gopinathan, R.	Study on the performance of a flat plate solar water heater using a hybrid nanofluid	2022	Article	Materials Today: Proceedings	10.1016/j.matpr.2022.08.181
1601	Veerappan, G.	Surface Modification of Strenx 900 Steel Using Electrical Discharge Alloying Process with Cu-10Ni- CrxPowder Metallurgy Sintered Electrode	2022	Article	Materials Research	10.1590/1980-5373-MR-2021-0390

1602	Sangeetha, M.	Synthesis and Application of Non-Toxic Superhydrophobic Phenyl Substituted Pyrazolidine Based Benzoxazine Coating for Oil-Water Separation and Corrosion Resistance	2022	Article	Russian Journal of Applied Chemistry	10.1134/S1070427222080225
1603	Sankaran, Packiaraj	Synthetic Seed Production and Germplasm Conservation of <i>Enicostema axillare</i> (Lam.) raynal ssp. <i>littoralis</i> (Blume) raynal Using Nodal and Root Explants	2022	Article	Current Applied Science and Technology	10.55003/cast.2022.06.22.001
1604	Reshma, V.K.	The Detection and Identification of Pest-FAW Infestation in Maize Crops Using IoT-Based Deep-Learning Algorithms	2022	Article	SSRG International Journal of Electrical and Electronics Engineering	10.14445/23488379 /JEEEE-V9I12P116
1605	Ramya, Karnam Chandrasekhar	Titanium dioxide, black phosphorus and bimetallic layer-based surface plasmon biosensor for formalin detection: numerical analysis	2022	Article	Optical and Quantum Electronics	10.1007/s11082-022-03875-6
1606	Chakravarthy, M.R. Deepak; Gopalakannan, V.; Prasanth, S. Vengadesh; Yogeshwaran, Venkatraman	Treatment of Brackish Water Using Acrylic Solar Still with Concentrating Dish	2022	Article	Indian Journal of Environmental Protection	-
1607	Soundarajan, Karthik	UNRAVELLING THE TRIBOLOGICAL BEHAVIOUR OF MERCERIZED COCONUT INFLORESCENCE FIBER FORTIFIED UNSATURATED POLYESTER COMPOSITES; [POJASNITEV TRIBOLOŠKEGA OBNAŠANJA MERCERIZIRANIH INFLORESCENTNIH VLAKEN KOKOSOVIH OREHOV V OJAČANIH NENASIČENIH POLIESTERSKIH KOMPOZITIH]	2022	Article	Materiali in Tehnologije	10.17222/mit.2022.410
1608	Radhakrishnan, G.	Ultra-high negative dispersion compensating circular-shaped PCF with highly birefringent and nonlinear characteristics for optical applications	2022	Article	Optical and Quantum Electronics	10.1007/s11082-022-04228-z
1609	Patrick, Ananth John; Thiruselvan, D.	Underwater Target Tracking in Radar Images Using Exponential Competitive Swarm-based Deep Neuro Fuzzy Network	2022	Article	International Journal on Artificial Intelligence Tools	10.1142/S0218213022500397
1610	Yuvaraj, K.P.	Wear Behavior and FESEM Analysis of LM 25 Alloy MMHCs Reinforced with FE3O4 and Gr by Utilizing Taguchi's Technique	2022	Article	Journal of Nanomaterials	10.1155/2022/3203057
1611	Ramya, Karnam Chandrasekhar	Weather Forecasting for Renewable Energy System: A Review	2022	Article	Archives of Computational Methods in Engineering	10.1007/s11831-021-09695-3
1612	Edwin, Lydia	Wind Turbine Energy Cost Optimisation Using Various Power Models	2022	Article	WSEAS Transactions on Power Systems	10.37394/232016.2022.17.27

1613	Narasimharaj, Venugopal	A Comparative Study on Subtractive Manufacturing and Additive Manufacturing	2022	Review	Advances in Materials Science and Engineering	10.1155/2022/6892641
1614	Meenakshisundaram, Sangeetha	Activating endogenous resolution pathways by soluble epoxide hydrolase inhibitors for the management of COVID-19	2022	Review	Archiv der Pharmazie	10.1002/ardp.202100367
1615	Barakkath Nisha, Usman	Analysis of Skin Cancer and Patient Healthcare Using Data Mining Techniques	2022	Review	Computational Intelligence and Neuroscience	10.1155/2022/2250275
1616	Chelladurai, Samson Jerold Samuel	Recent Developments in Stimuli Responsive Smart Materials and Applications: An Overview	2022	Review	Journal of Nanomaterials	10.1155/2022/4031059
1617	Durga, S.	Resource Provisioning Techniques in Multi-Access Edge Computing Environments: Outlook, Expression, and Beyond	2022	Review	Mobile Information Systems	10.1155/2022/7283516
1618	Raj, A. Albert	5G Modulation Techniques—A Systematic Literature Survey	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4625-6_35
1619	Kiruthika, E.; Krupaasree, K.; Mohamed Ali Raihan, M.; Naveen, S.; Pradeep Balaji, L.R.; Keerthika, T.	A Color Based Approach to Detect Melanoma Using SVM Classifier	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9752921
1620	Anish Fathima, B.; Sri Vishnu, M.; Sushaanthan, R.T.; Venumadhav, C.; Vikram, R.	A Comparative Analysis on Classification Models to predict Cardio-vascular disease using Machine Learning Algorithms	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9741831
1621	Pious, Antonitta Eileen	A Deep Learning Approach for Intelligent IoT based Energy Management System	2022	Conference Paper	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	10.1109/ICSCDS53736.2022.9760925
1622	Arulkumar, V.	A Hierarchical Optimization Approach for Big data Pre-processing and Search Optimization using HMGA-ACO	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9742821
1623	Kanmani, R.	A Hybrid Algorithm for Document Clustering Using Optimized Kernel Matrix and Unsupervised Constraints	2022	Conference Paper	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78750-9_1
1624	Niranjana, R.	A Hygienic Municipal Waste Collection System using IoT	2022	Conference Paper	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings	10.1109/ICECA55336.2022.10009286

1625	Nandhalal, V.	A Multicore ECU-Based Automotive Software Domain Combining Runnable Sequencing and Task Scheduling	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10029084
1626	Aswini, V.; Jayashree, R.; Jenitta, P.; Kavin, R.; Keerthana, S.D.	A Multifunctional Wireless EV Charger with New V2V Charging Assistance	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885434
1627	Priyadharshini, M.; Ramasamy, Balaji Venkatesalu; Suruthi, R.; Thrisha, R.	A Novel Approach for Detection of Hand Arthritis using Convolutional Neural Network	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885548
1628	Pg Shastry, Prajwal; Praveen, D.; Ranganathan, Soundararajan	A Novel Approach for Generative Design and Performance Analysis of an Additively Manufactured Formula Vehicle Knuckle	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28-0496
1629	Bharathi, K.R. Siva	A Novel Security Enhancement Mechanism in Wireless Body Area Networks Using Quantum Cryptography	2022	Conference Paper	IET Conference Proceedings	10.1049/icp.2022.0626
1630	Kousalya, A.	A Novel Technique for Ensembled Learning based on Convolution Neural Network	2022	Conference Paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECAA55415.2022.9936129
1631	Arulkumar, V.	A Novel system for Tracking and Screening COVID Patients	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753015
1632	Indhu, R.	A Review of Machine Learning Algorithms for vibration-based SHM and vision-based SHM	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9742818
1633	Arumugam, Sajeev Ram	A Robust Approach based on CNN-LSTM Network for the identification of diabetic retinopathy from Fundus Images	2022	Conference Paper	Proceedings of the 2022 International Conference on Electronic Systems and Intelligent Computing, ICESIC 2022	10.1109/ICESIC53714.2022.9783570

1634	Prem Kuamr, K.; Rajasolomon, A.; Sathish Pandian, R.; Shanmugasundaram, Elam Cheren; Vigneshwaran, J.	A Room Disinfection Automated Device, Massacre Technique using Ultraviolet-C Radiation	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785043
1635	Niranjana, R.	A Smart System for Monitoring and Identifying Pollution Free Driving Route Identifier using Internet of Things	2022	Conference Paper	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	10.1109/ICSCDS53 736.2022.9760866
1636	Mandurachalam, R.	A State-of-the-Art Review on Methods of Retrofitting in Building Structural Members—A Comprehensive Review	2022	Conference Paper	Lecture Notes in Civil Engineering	10.1007/978-981- 16-6978-1_13
1637	Aadhieshwer, S.; Balaji, S.; Dhineshkumar, P.; Jayaprakash, Karthika; Vaasan, V.P. Kerthi	A Super-capacitor & Battery Based Energy Storage System For Electrical Vehicles	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES541 83.2022.9835821
1638	Dhandayudam, Prabha	A Survey on Alleviating the Naive Bayes Conditional Independence Assumption	2022	Conference Paper	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022	10.1109/ICAISS51 57.2022.10011103
1639	Vijayakumar, Nandalal	A Survey on Design Issues, Challenges, and Applications of Terahertz based 6G Communication	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981- 19-2894-9_41
1640	Jawahar, P.M.M.; Kartheesan, E.; Pushpalatha, A.; Senthil, Gowtham	A Trustworthy Decentralized Onkart Ecommerce Platform based on Blockchain Technology	2022	Conference Paper	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings	10.1109/ICOEI5355 6.2022.9776811
1641	Premnath, Sasi Padma	A novel approach for image restoration using convolution network-based image denoising technique	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108299
1642	Lakshmi, K. Venkata; Rani, P. Kavitha; Sureshkumar, S.	A powerful approach to low exposure 3-D imaging grouping and learning based image restoring for medical images	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0112544
1643	Jeevith, V.; Natarajan Phd, Balaji; Prasad, S. Vishnu; Praveen, N.; Raj, T. Nithin; Vigneswaran, C.; Arun Kumar, P.M.	A review on machine learning in drying of farmer products using solar dryer	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108122

1644	Radhika, A.	A simulation-based investigation on the Performance of BLDC motor used in Electric Vehicles for varied magnetic materials	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785117
1645	Nagarajan, Susila	AI Based UI Development Using Deep Neural Networks (AI-UI)	2022	Conference Paper	2022 1st International Conference on Computational Science and Technology, ICCST 2022 - Proceedings	10.1109/ICCST55948.2022.10040459
1646	Raj, A. Albert	AI Technologies and Firefly Algorithms	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8542-2_34
1647	Narasimharaj, Venugopal	Abnormal flow detection using Optimized ABFlow Network in SDN based Smart Grid Application	2022	Conference Paper	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	10.1109/ICSTCEE56972.2022.10100108
1648	Arockiya Shelton, S.M.; Devappasath, R.; Fazil Mohammed, T.; Ilamurugan, A.; Lakshmi, N. Subha	Advanced Body Monitoring Face Mask	2022	Conference Paper	2022 2nd International Conference on Intelligent Technologies, CONIT 2022	10.1109/CONIT55038.2022.9847976
1649	John Bharath Kumar, I.J.; Kaviya, P.; Visvesvaran, C.	Advanced Patient Monitoring and Alert System with Auto Medicine Suggestion using Machine Learning	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885566
1650	Deepalakshmi, M.; Dhivyaa, B.; Karthikeswari, P.; Kavipriya, N.; Malini, T.	Advanced Stroke Detection and Alert System using Machine Learning	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES54183.2022.9835761
1651	Dhanushmathi, S.K.; Dharaniga, M.; Saranya, G.	Air Pollution Monitoring and Mapping Services Using Wireless Sensor Nodes and IoT	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9752915
1652	Asha Banu, S.M.; Swetha, S.; Thrisha, S.	An ACL Injury Prediction Device for Athletes using Bluetooth and Wi-Fi Mesh	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885347

1653	Mustafa, Mohammed Mubarak	An Application of linear Regression on Air Pollution Detection Using Deep Learning	2022	Conference Paper	HORA 2022 - 4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Proceedings	10.1109/HORA55278.2022.9800042
1654	Geetha, D. Mohana	An Efficient Fuzzy Logic Cluster Formation Protocol for Data Aggregation and Data Reporting in Cluster-Based Mobile Crowdsourcing	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-7657-4_35
1655	Janet, J.	An Efficient Localized Route Recommendation Scheme using Fusion Algorithm for VANET based Applications	2022	Conference Paper	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings	10.1109/ICOEI53556.2022.9777188
1656	Palanichamy, Mohan Kumar	An Enhanced Reversible Data Hiding Algorithm to Maintain Privacy of Multimedia in Cloud	2022	Conference Paper	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	10.1109/ICSES55317.2022.9914297
1657	Abhinandhan, S.; Arjun, K.K.; Aswini, P.M.; Balasubramaniam, Maruthi Shankar; Divya Priya, C.; Tephila, M. Benedict	An Experimental Approach in Colour Correction and Contrast Improvement for Underwater Images	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9742723
1658	Dhandayudam, Prabha; Karpagam, M.; Sowmya, K.	An Implementation of MIMO and OFDM Based Visible Light Communication System for Indoor Environment	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9752992
1659	Kavin, R.	An Integration Design Model for Virtual Product Development	2022	Conference Paper	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	10.1109/MysuruCon55714.2022.9972674
1660	Subramani, Sivaranjani	An Intelligent Energy Management System with an Efficient IoT based Deep Learning Framework	2022	Conference Paper	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	10.1109/ICSCDS53736.2022.9760757
1661	Dhanishkumar, M.; Dharaneesh, S.; Dinesh Kumar, J.R.; Shabbeer, Priyadharsini	An Investigation on Speech to Sign Language Translator for Hearing Impaired (SSLT) using Machine Learning Techniques	2022	Conference Paper	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022	10.1109/STCR55312.2022.10009341

1662	Radhika, A.	An Investigation on The Performance of Permanent Magnet Brushless DC Motor Based on Different Materials	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108137
1663	Ramasamy, Balaji Venkatesalu; Surabhi, P.S.	An Investigation on Under Water Images of Hydroacoustic Environment using RLS Algorithm	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA54612.2022.9985704
1664	Ashok Karthi, G.; Gokul Dharan, S.; Gowtham Balaji, M.; Priya, S. Sasi; Ramasamy, Senthil Ganesh	An IoT-based Dam Water Level Monitoring and Alerting System	2022	Conference Paper	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022	10.1109/ICAAIC53929.2022.9792675
1665	Lakshmi, N. Subha	An effective implementation of a three phase multilevel inverter for electric vehicle	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0110006
1666	Jaganathan, Dhiyaneswaran; Kalimuthu, Kavin; Mydeen, Mohammed Saliek Risavu	Analysing the mechanical and metallurgical behavior of aluminium 7075 composite with reinforcement of silicon carbide and zirconium oxide	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108139
1667	Arunachalam, M.	Analysis of Alzheimer Disease with K Means Algorithm and PSO Segmentation	2022	Conference Paper	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	10.1109/MysuruCon55714.2022.9972409
1668	Bagavathi, C.	Analysis of Parameterless Particle Swarm Algorithm for Traveling Salesman Problem	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753618
1669	Jayarajan, Roshan; Madhusudhanan, Ragul Madhav; Murugesan, Siddharth; Ragu, Shylendhran; Shanmugasundaram, Elam Cheren	Analysis of Partial Shading of PV Modules	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0100866
1670	Lakshmi, N. Subha	Analysis of magnetic flux distribution in a dual speed pole amplitude modulation induction motor for yaw drive system in wind turbine	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108164
1671	Guhan, A. R. Venkat; Karthik, A. Santosh; Sivaganes, K.C.; Subramaniana, R. Siva; Suryabalan, V.	Analysis of modified shell and tube heat exchanger	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108203

1672	Pritima, D.; Veerappan, G.	Analysis of spring back behaviour during bending of AISI 1045 sheet metal	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.160
1673	Thangaraj, Kokilavani	Analysis of weather monitoring system integrated with renewable energy using IoT technology	2022	Conference Paper	2022 4th International Conference on Cognitive Computing and Information Processing, CCIP 2022	10.1109/CCIP57447.2022.10058667
1674	Krishnamoorthy, S.	Analyze the effect of abrasives in water jet Machining on strenx steel	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.894
1675	Kavitha, M.; Roobini, S.	Application of AI and ML Techniques for Revolutionized Health Care System	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9742899
1676	Akash, S.M.; Karthi, S.P.; Kumar, M. Manoj; Lavanya, S.; Sri, P Janani; Varshan, K Harsha	Arduino based Crizon Gas Detector System	Jan-2022	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676129
1677	Prasath, Ram S.; Rajamanickam, Arun Kumar; Ramprasath, R.; Swetha, S.	Arduino based vehicle control system	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108112
1678	Abhirooban, T.; Chandru; Girinath, N.; Sabarish, V.; Surendar, R.	Arduino nano based Smart Glasses	2022	Conference Paper	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	10.1109/ICICCS53718.2022.9788117
1679	Vinotha, C.	Asset Class Market Investment Portfolio Analysis and Tracking	2022	Conference Paper	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022	10.1109/IC3I56241.2022.10072525
1680	Nagajothi, S.; Shreeja, K.; Srinath, C.; Thinesh Kumar, S.	Asthenopia Eye Detection using Machine Learning Algorithm	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9742879
1681	Kalaivani, K.	Atom-Bond Connectivity Index In Various Graphs	May-2022	Conference Paper	ECS Transactions	10.1149/10701.12121ecst
1682	Majidha Fathima, K.M.	Augmentation of Intelligent Agent for Multiple Access Protocols in Wireless Sensor Networks	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9742944

1683	Balasubramaniam, Maruthi Shankar; Harivarathan, R.; Jaganath, M.S.; Janaranjan, M.; Karpagam, M.; Maniram, G.	Augmented Reality based Monitoring System	2022	Conference Paper	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	10.1109/ICSCDS53736.2022.9760855
1684	Gunapriya; Kumar, P.Mukesh; Prasath, S.Venkatesa; Santhosh, R.T.; Srinivasan, S.	Automated Agronomic Bot for Green Ailment Scanner	2022	Conference Paper	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022	10.1109/IC3I56241.2022.10073042
1685	Rani, P. Kavitha; Sathiya, S.; Suresh Kumar, S.; Rohini, M.; Rani, P. Kavitha; Sathiya, S.; Suresh Kumar, S.	Automated Data Visualization System to Reinforce Mid-Day Meal Tracking Scheme	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-8987-1_21
1686	Anand, Sruthi; Thankaraj, Sujatha; Anand, Sruthi; Thankaraj, Sujatha	Automated Face Authentication and Recognition Using Deep Neural Network with SVM Classifier in Cloud Environment	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-2177-3_40
1687	V.; Lakshmi, J. Aiswarya; Sri, R. Aarathi; Tephila, M. Benedict	Automated Smart Irrigation System using IoT with Sensor Parameter	2022	Conference Paper	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	10.1109/ICEARS53579.2022.9751993
1688	Pavithra, C.K.; Raghul Krishna, R.; Rahul Chinnaa, C.M.; Surya Prakash, R.; Wilfred Melvin, S.	Automated Speed Control and Performance Analysis of BLDC and Servo Motors using Fuzzy Logic	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0101183
1689	Vignesh, T.	Automated metal sorting system based on weight and colour of the specimen	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0109750
1690	Karishma, K.K.; Muthu Brindha, G.; Nivetha, J.; Vidhya, B.	Automatic Detection of Citrus Fruit Diseases Using MIB Classifier	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885702
1691	Biruntha, S.	Automatic Detection of Diabetic Retinopathy on Digital Fundus Image	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785077

1692	Abi Nandha, P.; Abinesh Pandian, S.; Agathiyar, S.; Akash Rigin, S.; Girinath, N.	Automatic Number Plate Detection using Deep Learning	2022	Conference Paper	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022	10.1109/STCR5531 2.2022.10009582
1693	Karthikeyan, R.; Kavin Bharathi, K.T.; Keerthivasan, S.; Kovarthan, S.; Mathivanan, S.; Priya, S. Nithya	Automatic Pit Digging Robot for Seed Sowing	2022	Conference Paper	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	10.1109/ICICCS537 18.2022.9788356
1694	Ashok, S.G.; Divya, V.; Rejina Parvin, J.	Automatic Segregation of Household Waste using Machine Learning Approaches	2022	Conference Paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECAA55 415.2022.9936207
1695	Bhavatharini, T.; Mahalakshmi, G.; Maladhi, D.	Automation of industrial drives using PLC and SCADA	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108098
1696	Karpagam, M.; Sowmya, K.	Bandwidth and Power Cost Optimized Over Visible Light Communication	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55 517.2022.10029064
1697	Harikoushik, A.; Shankar, A. S. Hari; Vineeth, V.V.	Battery monitoring and control system in electric vehicles	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108152
1698	Karthikeyan, B.; Sakthiprakash, M.; Sanjayrahul, S.; Shivaprasad, V.; Sugumar, N.	Bipolar Bidirectional DC-DC Converter for Microgrid Applications	2022	Conference Paper	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	10.1109/ICSES553 17.2022.9914328
1699	Bavin Kumar, R.; Dhanush, R.; Hari Vishal, J.; Majidha Fathima, K.M.	Block Chain based Government Tender Allocation in Cloud	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785116
1700	Balakrishnan, S.; Moorthy, Srihari; Nithish, K.; Rahfar Nisha, R.; Rohith, M.R.C.	Blockchain and Artificial Intelligence Feasibility, Implementation and Sustainability in Supply Chain	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785273

1701	Akshayavarshini, P.; Ananth, S.; KavyaShree, B.; Vijeya Kaveri, V.	Blockchain based Reliable Electronic Voting Technology	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885278
1702	Babu, N.	CFD analysis of axisymmetry cylinder in heave	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108116
1703	Thangaraj, Kokilavani	Certain investigation and implementation of eco-friendly wireless power transfer in electric vehicles under dynamic scenario employing mutual inductance technique	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108242
1704	Kavya, M.; Monika, K.; Nanthini, N.; Sree, B. Kaviya	Cervical Cancer Cell Segmentation and Classification using ML Approach	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES54183.2022.9835911
1705	Abdullah, R. Yasir; Ram, Harshad R.; Selvaraj, Aravind Samy; Surya, N.	Chatbot for Healthcare System Using NLP and Python	2022	Conference Paper	2022 IEEE International Conference on Service Operations and Logistics, and Informatics, SOLI 2022	10.1109/SOLI57430.2022.10294817
1706	Asha Banu, S.M.; Sunil, M.; Udhayanan, C.; Vallimaharajan, G.	Child Safety Monitor in Cars Using Machine Learning	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9752789
1707	Kiruba, B.	Classification of EEG signals using Machine learning algorithms	2022	Conference Paper	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	10.1109/MysuruCon55714.2022.9972364
1708	Balasubramaniam, Maruthi Shankar; Vijayakumar, Nandalal	Comparative Analysis of CUK, SEPIC, Buck-Boost and ZETA Converters to Reduce Commutation Torque Ripple in BLDC Motor	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753362
1709	Gowthambalaji, K.; Subramanian, Ramakrishnan	Comparative Study on the Behavior of Fiber Reinforced Concrete	2022	Conference Paper	Materials Research Proceedings	10.21741/9781644901953-13
1710	Kumar, Saran Senthil; Rajamanickam, Arun Kumar; Rengarajan, Saileshkannan; Venkatesan, Sanjeev	Comparative study of composites for brake disc	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108105
1711	Ranganathan, Soundararajan; Soundarajan, Karthik	Compendious Characterization Studies on the Physio Mechanical Behaviour of Habara Plant Fiber Fortified Epoxy Composites	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28-0538

1712	Boobalan, S.C.; Dhanabharathi, M.; Dineshkumar, S.; Gokuldas, M.	Comprehensive Review on the Influence of Natural Materials in Soil Stabilization	2022	Conference Paper	Materials Research Proceedings	10.21741/9781644901953-31
1713	Vengateshwaran, M.	Contact Tracing Detection Application for Covid-19 using Machine Learning Techniques	2022	Conference Paper	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022	10.1109/ICAAIC53929.2022.9792889
1714	Rengaraj, Jeyakumar	Converting plastics to fuel using solar energy	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108262
1715	Devarajan, Gunapriya	Convolutional Neural Network for Speaker Recognition Embedding with Biometric System	2022	Conference Paper	5th International Conference on Inventive Computation Technologies, ICICT 2022 - Proceedings	10.1109/ICICT54344.2022.9850483
1716	Aakash, V.S.; Arul Siva Kumaran, K.; Ashiq, A.; Bhuvaneshwaran, M.J.; Nanthini, N.	Convolutional Neural Networks (CNN) based Marine Species Identification	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10029109
1717	Krishnan, Loganathan Navaneetha; Kumar, D.O. Rathish; Madhumidha, K.; Prabha, P. Lakshmi; Salih, U. Mohammed	Covid Prevention System for Face Mask Detection and Temperature Sensing	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES54183.2022.9835927
1718	Priya, A.; Akil Prasath, R.; Ganesh, Abishek; Jeya Pradeepa, K.	Cracking CAPTCHAs using Deep Learning	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9742729
1719	Dhandayudam, Prabha	Customer analysis using machine learning algorithms: A case study using banking consumer dataset	2022	Conference Paper	Advances in Parallel Computing	10.3233/APC210263
1720	Sarithasree, R.K.; Sathyaprabha, G.; Senathipathi, K.; Swetha, S.	Dashboard for Alert Monitoring System	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785035
1721	Sujaritha, M.; Arun Bharath, S.; Hariharan, S.; Inderajith, K.; Shunmugapriya, S.	Decentralized Crowdfunding Platform using Smart Contracts	2022	Conference Paper	SPICES 2022 - IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems	10.1109/SPICES52834.2022.9774132

1722	Abhinandhan, S.; Arjun, K.K.; Aswini, P.M.; Tephila, M. Benedict	Deep Learning and Machine Vision based Robot for Fire Detection and Control	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA546 12.2022.9985698
1723	George, Ignisha Rajathi; Kalins, K.	Deep learning enabled smart charging technology for electric vehicles	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0109161
1724	Aruchamy, Sathishkumar; Babu, Santhosh; Chithrambikai, Dharini Arumugam; Ranganathan, Soundararajan	Design and Analysis of Mini - Tractor Chassis	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28- 0501
1725	Geethamani; Guru, G. Rithish; Prajin, S. Sharvesh; Shajan, S.; Suriya, Prakash D.	Design and Development of Reliable and Automated Hydroponics System	2022	Conference Paper	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings	10.1109/ICECA553 36.2022.10009278
1726	Gilbert, Edwin Prem Kumar; Arun Kumar, P.M.; Athithya, N.K.Lalith; Edwin, Lydia; Prawin Sankar, T.A.; Shibir Thomas, S.	Design and Fabrication of Automatic hose cutting machine	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785362
1727	Arjun, N.M.; Gauthaaman, P.R.; Gokul, R.M.; Jayaprakash, Karthika	Design and Implementation of Image Processing Based Lane Detection and Gradual Braking System	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES541 83.2022.9835745
1728	Kumar, M.Rajesh	Design and Implementation of Smart Agriculture Management Intelligent Things Using NB-IOT	2022	Conference Paper	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	10.1109/ICSTCEE5 6972.2022.1010032 0
1729	Anandhan, Yuwan Sudhahar; Arumugam, Vigneshraj; Kumar, Navin Karthi Vengarai Senthil; Murugesan, Vigneshkumar; Perumal, Ashoka Varthanan	Design and analysis of the performance of scotch and yoke based two way pumping system	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108078

1730	Hakkim, Yahia Ayyash; Jaganathan, Dhiyaneswaran; Kumaresan, Sathish Kumar; Mourya, Sonu Mourya Jay Prakash; Premkumar, Sekar	Design and development of E-scooter for daily use	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108199
1731	Balu Mahandiran, S.; Murugesan, Vigneshkumar; Mydeen, Mohammed Saliek Risavu; Naveen, M.K.; Perumal, Ashoka Varthanan	Design and development of automated railway track cleaning machine	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108130
1732	Jaganathan, Dhiyaneswaran	Design and development of mini electric bike	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108141
1733	Parveen, A. B. Rasveena; Pavithra, C.K.; Prasath, C.; Priya, M. Suga; Rithika, B.	Design and implementation of a novel solar fed modified seven level inverter	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108270
1734	Sumathi, R.; Pavithra, Y.; Sumathi, R.	Design and implementation of modified five level h-bridge multilevel inverter for photovoltaic systems	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108094
1735	Jaganathan, Dhiyaneswaran	Design of Control Mechanisms for Electrical Groups based on IoT Technology, for Monitoring Operating Parameters	2022	Conference Paper	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	10.1109/ICEARS53579.2022.9751915
1736	Gopinathan, R.	Design of FIR Filter under Frequency Domain responses	2022	Conference Paper	Proceedings of the 2022 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems, ICSES 2022	10.1109/ICSES55317.2022.9914010
1737	Dineshkumar, N.; Hariprasath, A.S.; Jeevanantham, G.; Saranya, G.	Design of IoT Enabled Cloud Assisted Health Monitoring System for Covid-19 Patients	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9743005
1738	Mahalakshmi, G.	Design of Iterative Learning Controller for Switched Reluctance Motor with Least Torque Ripple	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785310

1739	Shakthi Sharuni, K.; Shuhaina, A.; Sneka, C.; Vidhya, B.	Design of Microstrip Patch Antenna for Brain Tumor Detection	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC544 11.2022.9885426
1740	Asha Banu, S.M.; Mohamed Faizal, M.; Nireesh Kumar, K.; Vasana S, Murugananda Sri Sabari	Design of Microstrip Patch Antenna for the Detection of Malignant Tumor	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA546 12.2022.9985663
1741	Guruprasaadh, T.R.; Subramani, Sivaranjani	Design of a Robust Controller for Totempole Bridgeless PFC Converter	2022	Conference Paper	2022 2nd Asian Conference on Innovation in Technology, ASIANCON 2022	10.1109/ASIANCON55314.2022.9909448
1742	Praveen, S.; Ragul, B.; Shirley, D. Ruth Anita; Sibi, T.	Design of a Smart Home Automation System	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA546 12.2022.9985496
1743	Manohari, B.; Rani, P. Kavitha; Suresh Kumar, S.; Manohari, B.; Rani, P. Kavitha; Suresh Kumar, S.	Desktop Based Speech Recognition For Hearing And Visually Impaired Using Machine Learning	2022	Conference Paper	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAI 2022	10.1109/ICAAIC539 29.2022.9793245
1744	Abinaya, R.; Jeyalakshmi, K.; Lakshmi, J. Aiswarya; Nanthini, N.; Sri, R. Aarthi	Detection and Classification of Retinal Diseases using Image Compression	2022	Conference Paper	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings	10.1109/ICOEI5355 6.2022.9776720
1745	Thirumarai Selvi, C.	Detection and Diagnosis of Fault Using Light-Weighted Midori Blocks	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4625-6_16
1746	Abdul Wahhab, A.R.; Abinaya, K.; Aniruth Chakravarthy, N.; Ramkumar, M.	Detection and Diagnosis of Lung Cancer using Machine Learning Convolutional Neural Network Technique	2022	Conference Paper	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022	10.1109/STCR5531 2.2022.10009607
1747	Kumar, B.Arun	Detection of Alzheimer's disease at Early Stage using Machine Learning	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54 488.2022.9752827
1748	Dhameeshwar, R.; Dinep Kumar, M.; Gokula Krishnan, E.; Kumar M, Ram	Detection of Arrhythmia Using Machine Learning(Heart Disease) and ECG	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54 488.2022.9752920

1749	Asha Banu, S.M.; Sandhya, S.; Shri Ranjani, P.R.; Sundari, T Vijaya	Detection of Indian Fake Currency using Image Processing	2022	Conference Paper	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022	10.1109/ICAISS551 57.2022.10010580
1750	Aishwarya, D.; Baby Vishnupriya, N.; Nanthini, N.; Simon, Angelin	Detection of Melanoma Skin Cancer using Deep Learning	2022	Conference Paper	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings	10.1109/ICOSEC54 921.2022.9952120
1751	Parthiban, K.; Pavithra S, K.; Ragul Prithvi, D.; Ramasamy, Senthil Ganesh	Detection of Pneumonia in X-rays Images of Young Infants using Neural Network Algorithm	2022	Conference Paper	2022 5th International Conference on Multimedia, Signal Processing and Communication Technologies, IMPACT 2022	10.1109/IMPACT55 510.2022.10029262
1752	Dharanidharan, V.; Gunasekaran, K.N.; Gurusankar, N.; Harish, R.	Developing empirical equation to predict shear strength of friction stir welded AA2024 aluminum alloy joints	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108160
1753	Priyadarshini, R.; Rajan, Vivek R.	Development of Solar-Powered Vehicle to Clean up the Waste from the Sewage System	2022	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981- 19-0244-4_45
1754	Santhosh Vimal, R.; Sarankumar, S.; Soundari, D.V.; Varshini, G.; Vijayalakshmi, G.	Development of V2V Communication using Light Fidelity	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC544 11.2022.9885381
1755	Aswin, V.; Gokul, B.; Kumar, S. Ranjith	Development of a fuel injector relative performance tester and cleaner	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108109
1756	Dhananjayan, T.; Kumar, S. Ranjith; Vigneshwar, Raj T.	Development of a paper shearing machine using geneva mechanism	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108095
1757	Rajamani, Sanjeeve; Chelladurai, Samson Jerold Samuel; Jaganathan, Pechi Muthu; Narayanan, Nitheesh Sankara; Ravichandran, Nitin Vyas; Subramanian, Kumaran	Development of multipurpose bed cum wheel chair for paralytic attacked and elderly persons	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108062
1758	Preethi, Gopalakrishnan	Development of plastbrick using plastic wastes & PET bottles	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 2.10.011

1759	Arul Ganeshan, S.; Ashwin, B.; Biruntha, S.; Padmasankar, K.S.	Distinguishing Reviews Through Sentiment Analysis Using Machine Learning Techniques	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785354
1760	Geetha, D. Mohana	Dual Slot Multiband Microstrip Patch Antenna for Wireless Applications	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785337
1761	Ajay, D.; Arvind, D.; Dhanush, S.; Karpaganathan, K.; Kavin, R.	Dynamic EV Charging by Wireless Power Transfer	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES541 83.2022.9835904
1762	Pradheep, N.; Praveen Raj, K.G.; Purna Chanduru, N.M.; Soundari, D.V.	E-Court Management System	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785083
1763	Akilan., I.; Aravind., S.; Rohini., M.; Shriraam., R.	EEG Based Stress Detection System Using Neural Network	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS5331 4.2022.9742947
1764	Adhithiya Varma, B.; Mounish, S.; Subramanian, Ramakrishnan	Economically Improving the quality of construction through Six Sigma and Cost Benefit Analysis	2022	Conference Paper	IOP Conference Series: Earth and Environmental Science	10.1088/1755- 1315/1125/1/01201 2
1765	Jayaprakash, Karthika; Nandakumar, Vignesh; Parimalam, Veron Rodriques; Sekar, Siddharth; Singh, Tejas Singh Balaji	Effect of Pulse Electric Field on Food Preservation in Agriculture	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0100906
1766	Swaminathan, Deepa Kanmani	Effect of image transformation on EfficientNet model for COVID-19 CT image classification	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 1.12.121
1767	Revathy, P.	Effective Coloring in Intuitionistic Fuzzy Graph	May-2022	Conference Paper	ECS Transactions	10.1149/10701.121 75ecst
1768	Jeeva, T.; Kavin; Kiran, L.K.; Raj, A. Albert	Effective and Efficient Honey Harvest Alert System for Bee Farms	2022	Conference Paper	Journal of Physics: Conference Series	10.1088/1742- 6596/2325/1/01204 0
1769	Mohan, Lakshmi R.; Reshmi, N.; Sadheesh, S.; Sashwath, Y.G.	Effects of air pollution due to vehicular emission in coimbatore and reduction strategies: A review	2022	Conference Paper	IOP Conference Series: Earth and Environmental Science	10.1088/1755- 1315/1125/1/01200 4

1770	Ajay, R.; Arunnachalam, V.B.; Ibrahim, M. Ahmed; Niranjana, R.	Effectual Gesture Controlled Smart Wheelchair for the Incapacitated	2022	Conference Paper	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings	10.1109/ICOSEC54921.2022.9952008
1771	Arvind, S.; Niranjana, R.; Vignesh, M.; Vishaal, S.	Effectual Home Automation using ESP32 NodeMCU	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10028992
1772	Gts, Hariharan; Gurukirubhakara, T.; Hariharan, S.; Ramasamy, Senthil Ganesh	Efficient Deep Learning Algorithm for Diagnosing the Flora Diseases	2022	Conference Paper	2022 International Conference on Emerging Trends in Engineering and Medical Sciences, ICETEMS 2022	10.1109/ICETEMS56252.2022.10093373
1773	Bhuvaneshwari, M.; Priya, S. Sasi	Efficient Resource Distribution in Cognitive Radio Network by Fuzzy-Based Cluster Against Attacks	2022	Conference Paper	Smart Innovation, Systems and Technologies	10.1007/978-981-16-3945-6_2
1774	Kala, Rani K Sasi; Mounisha; Nivethitha, R; Ramya, J; Renugadevi, G.	Efficient way to Predict Oxygen Availability Resources using AI	2022	Conference Paper	Proceedings - IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2022	10.1109/ACCAI53970.2022.9752469
1775	Balaji, N.	Elasticity Characterization of Particulate Composites: A Computational Evaluation of Topology and Polygon Mesh Finite Element Modelling	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28-0500
1776	Ahash Ram, R.L.; Buvanesh, K.K.; Eric Amalan, J.; Harishkumar, S.; Karthi, S.P.	Electric Vehicle Speed Control with Traffic sign Detection using Deep Learning	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753624
1777	Abirami, S.V.; Emayashri, G.; Harini, R.; Tephila, M. Benedict	Electricity-Theft Detection in Smart Grids Using Wireless Sensor Networks	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785306
1778	Madhankumar, S.; Selvan, T.A.	Electrochemical machining of aluminium 7075 alloy, silicon carbide, and fly ash composites: An experimental investigation of the effects of variables on material removal rate	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.054
1779	Karthik, V.	Emotion Identification and Detection from Multichannel EEG Signals Using Artificial Neural Network	2022	Conference Paper	Proceedings of 5th International Conference on Contemporary Computing and Informatics, IC3I 2022	10.1109/IC3I56241.2022.10073039

1780	Christy Jeba Malar, A.; Kanmani, R.; Mysamy, Rajkumar	Emperor Penguin Optimization Algorithm and M-Tree-Based Multi-Constraint Multicast Ad Hoc On-Demand Distance Vector Routing Protocol for MANETs	2022	Conference Paper	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78750-9_7
1781	Thirumarai Selvi, C.	Encryption and Decryption of Image for Secured Data Transmission	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4625-6_15
1782	Raj, A. Albert	Energy-Efficient OLSR Routing Protocol for Flying Ad Hoc Networks	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-0619-0_8
1783	Kumar, B. Arun; Rani, P. Kavitha; Sathiya, S.; Suresh Kumar, S.	Enhancing Cloud Security with Hybrid Encryption	2022	Conference Paper	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022	10.1109/ICAAIC53929.2022.9793254
1784	Abirami, V.S.; Emayashri, G.; Harini, R.; Tephila, M. Benedict	Ensure Your Safety with Automatic Thermo-Checker	2022	Conference Paper	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022	10.1109/ICAAIC53929.2022.9793106
1785	Dhandayudam, Prabha	Evaluation of Different Variable Selection Approaches with Naive Bayes to Improve the Customer Behavior Prediction	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-6723-7_14
1786	Krishnamoorthy, S.	Evaluation of optimal parameters on laser drilling of synthesized titanium composite	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.786
1787	Devi, V Lakshmi; Kumar, K.; Ramji Tiwari, M.; Surjith Surya, S.V.	Evaluation of the MPPT for the Wind Energy Conversion System's Performance using ANN and ANFIS	2022	Conference Paper	Proceedings of the 2022 3rd International Conference on Communication, Computing and Industry 4.0, C2I4 2022	10.1109/C2I456876.2022.10051429
1788	Ali, L. Feroz; Harshavardhan Reddy, V.; Raghul, R.; Shakil Kanna, N.; Yogesh Muthu Ram, M.	Evaluation of the polyamide's mechanical properties for varying infill percentage in FDM process	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.09.227
1789	Kaliyaperumal, Balasubramanian	Experimental Analysis on Machining Properties of Aluminum Hybrid Composite Materials	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28-0540
1790	Geethan, R.; Gobirajan, M.; Jesudass, A.; Venkatesh, M.	Experimental Investigation on Strength and Durability Aspects of Earthen Blocks Reinforced with Jute Fibres	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108163
1791	Subramanian, Ramakrishnan	Experimental Study on Practice of Cement Treated Subbase (CTS) Layer in Flexible Pavement of National Highways in India	2022	Conference Paper	Materials Research Proceedings	10.21741/9781644901953-5
1792	Balamurugan, S.	Experimental investigation and performance evaluation of biodiesel production from non-edible mixed oil	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108125

1793	Subramanian, Ramakrishnan	Experimental investigation of geopolymer concrete	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0070991
1794	Srinivasan, V.P.	Experimental investigation on electro discharge machining of aluminium alloy (Al 2014) using GRA	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108025
1795	Pritima, D.; Veerappan, G.	Experimental investigation on machining behavior in dry turning of nickel based super alloy-Inconel 600 and analysis of surface integrity and tool wear in dry machining	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.151
1796	Aakaash, V.S.; Ashwin, T.; Nanthini, N.	Face Clustering approach for Crime Rate Reduction in Smart City Development	Jan-2022	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9675969
1797	Girinath, N.; Nisarga, V.; Swathi, R.; Swedha, N.	Face Mask Detection with Contactless Temperature using MATLAB	2022	Conference Paper	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings	10.1109/ICOSEC54921.2022.9951884
1798	Govindapillai, Luis Cruz; Jane Cynthia Juliet, R.; Jayasri, S.; Kavya Dharshini, M.; Muneera Begum, H.; Govindapillai, Luis Cruz; Jane Cynthia Juliet, R.; Jayasri, S.; Kavya Dharshini, M.; Muneera Begum, H.	Face Recognition Door Lock System Using Raspberry Pi	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785217
1799	Vinothkumar, R.	Fatigue life assessment on artificially aged TIG welded AA6061 aluminum alloy joints	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108093
1800	Mahendiran, P.D.; Sindhu, V.	Fog based Edge Learning using IoT: Concepts, Challenges and Applications	2022	Conference Paper	Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022	10.1109/ICSSIT53264.2022.9716489
1801	Anish Fathima, B.	Fog-Assisted Real-Time Coronary Heart Disease Risk Detection in IoT-Based Healthcare System	2022	Conference Paper	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78750-9_8
1802	Harini, A.K.; Helina, J.; Kamalashini, T.R.; Kaviya, M.; Lakshmi, N. Subha	Four Port DC-DC Buck Boost Converter for Hybrid Renewable Energy Sources	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885297

1803	Kalaivani, N.; Pradheep, N.; Praveen Raj, K.G.; Purna Chanduru, N.M.; Vijayakumar, Nandalal	Fruit Disease Classification using Convolutional Neural Network	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885440
1804	Priya, S. Sasi	Generation and Implementation of Random Number Architecture using Difference Expansion for Digital Circuits	2022	Conference Paper	Proceedings of the 2022 3rd International Conference on Intelligent Computing, Instrumentation and Control Technologies: Computational Intelligence for Smart Systems, ICICICT 2022	10.1109/ICICICT54557.2022.9917897
1805	Rohini, M.; Adhithyan, S.; Manohari, B.	Genetic Algorithm Based Optimization in Solving Multi Robot Task Allocation Problems	2022	Conference Paper	3rd IEEE 2022 International Conference on Computing, Communication, and Intelligent Systems, ICCIS 2022	10.1109/ICCCIS56430.2022.10037687
1806	Veerubommu, Ragavi	Graph Theory Matrix Approach in Cryptography and Network Security	2022	Conference Paper	Proceedings - 2022 Algorithms, Computing and Mathematics Conference, ACM 2022	10.1109/ACM57404.2022.00025
1807	Rajendran, Chinnasamy	Hardness prediction of post heat treated electron beam welded defense grade AA2219 aluminum alloy for light weight application	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.08.128
1808	Radhika, A.; Sreenidhi, V.; Sri, N. Vishnu; Vaishika, S.	Health monitoring and line man security for transformer	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108135
1809	Jenifer Grace Giftlin, C.	Healthcare Application System with Cyber-Security Using Machine Learning Techniques	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-2500-9_9
1810	Gowtham; Jaganathan, Baskaran; Ponniah, Balaadithyan; Saraboji, Gokulnath	Heat treatment effects and grain refinement analysis on hypoeutectic Al-Si alloys	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108100
1811	Abithsingh, S.; Akash, S.M.; Arivumani, S.; Balashanmugam, K.; Karthik, V.	High Speed Transmission of Data or Video over Visible Light Using Li-Fi	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753036

1812	Murugesan, Vigneshkumar; Pagutharivu, A.P.; Perumal, Ashoka Varthanan	High velocity oxygen fuel coating for enhancing tribological behaviour of engineering metals	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108133
1813	Cynthia, Jane Juliet R; Devi, D.; Lashmi Sruthy, D.; Mohana Ranjini, V.	Human Activity Recognition Using LSTM Architecture	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA54612.2022.9985533
1814	K.; Keerthana, S.D.; Mouna Rangeetha, V.; Devi, D.; Kaveena, K.; Keerthana, S.D.; Mouna Rangeetha, V.	Human Activity Recognition Using Machine Learning Technique	2022	Conference Paper	2022 International Conference on Futuristic Technologies, INCOFT 2022	10.1109/INCOFT55651.2022.10094437
1815	Balaji, N.; Ranganathan, Soundararajan	Humidity Sensing Behavior and Characterization of CuWO4Nanoparticles	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28-0537
1816	Janani, R.	Hybridization of a Novel Rheumatoid Arthritisprediction Modelusing Classifier and Optimizer Approach	2022	Conference Paper	2022 International Conference on Computer Communication and Informatics, ICCCI 2022	10.1109/ICCCI54379.2022.9740748
1817	Aswin, D.; Gnanaprabhakaran, M.; Gowthambalaji, K.; Subramanian, Ramakrishnan	INVESTIGATION ON DURABILITY OF STUDY FIBER REINFORCED CONCRETE	2022	Conference Paper	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/1125/1/012018
1818	Devi, D.; Lashmi Sruthy, D.; Madhuvarsni, T.; Mohana Ranjini, V.; Devi, D.; Lashmi Sruthy, D.; Madhuvarsni, T.; Mohana Ranjini, V.	IOT Based Root Rot Detection System	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785104
1819	Arumugam, Sajeev Ram; Diwakaran, M.	Identification of COVID-19 in CT Images using Deep Learning Model	2022	Conference Paper	2022 1st International Conference on Computer, Power and Communications, ICCPC 2022 - Proceedings	10.1109/ICCPC55978.2022.10072028
1820	Dinesh, R.; Harihara Sudhan, M.; Ramasamy, Senthil Ganesh	Identification of Medicinal Flora using Deep Learning	2022	Conference Paper	3rd International Conference on Smart Electronics and Communication, ICOSEC 2022 - Proceedings	10.1109/ICOSEC54921.2022.9952032

1821	Gilbert, Edwin Prem Kumar; Edwin, Lydia	Impact of Internet of Things in Agriculture	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-5348-3_19
1822	Mani, Vinosh	Implementation and Analysis of Hybrid Solar PV and Wind Energy based Microgrid	2022	Conference Paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECAA55415.2022.9936214
1823	Jaganath, P.; Jayanth, A.; Ramasamy, Balaji Venkatesalu	Implementation of IoT based Smart Remote for Disabled people	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785209
1824	Arokiadoss, Dafny Azeliya Felix; Danica, J.; Dhaarini, M.; Iswarya, S.; Keerthika, T.	Implementation of Robotics for Child Rescue from Bore Hole using Internet of Things	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES54183.2022.9835918
1825	Ramya, Karnam Chandrasekhar; Subramani, Sivaranjani	Implementation of microcontroller based water theft identification and quality monitoring system	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108161
1826	Jaganathan, Baskaran	Implementation of revised group technology approach in modern industries using hybridized ART algorithm	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0074158
1827	Sophia, S.	Improved Deep Learning Based Prediction of Crop Yield Using Bidirectional Long Short Term Memory	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-2183-3_19
1828	Christy Jeba Malar, A.	Improved Rider Optimization Algorithm-Based Link Aware Fault Detection (IROA-LAFD) Scheme for Securing Mobile Ad Hoc Networks (MANETs)	2022	Conference Paper	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-78750-9_11
1829	Karthikeyan, A.; Kumar, B. Raj; Prince, E. Iohn; Renugadevi, G.	Improvement of health efficiency using cloud and machine learning	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0112427
1830	Abinithi, M.; Deepadarsini, K.T.; Dinesh Kumar, J.R.; Haripriya, V.T.; Indhuja, S.R.; Shabbeer, Priyadharsini	Improving Visibility of images - Underwater by Modeling of Back Light and Optimization of the Transmission Map	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885613

1831	Govindapillai, Luis Cruz; Kiruthik Prakash, J.; Muneera Begum, H.; Naveen Kumar, D.	Industrial PC based Automated Store Management System	2022	Conference Paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECAA55415.2022.9936328
1832	Pritima, D.; Veerappan, G.	Influence of cryogenic treatment on tool life, flank wear and surface roughness for machining nickel based super alloy-Haynes 282	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.152
1833	Muthu Vasanth, L.; Yuvaraj, K.P.	Influence of process parameters on microstructure and mechanical properties of friction stir welded dissimilar joint	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.10.012
1834	Balakrishnan, S.	Intelligent Document Finding using Optical Character Recognition and Tagging	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10029142
1835	Aakaash, A.P.; Egbert Briston, E.; Gautham, S.; Ibrahim, M. Ahmed; Karpagam, M.	Internet of Things based Automobile Accident Detection System	Jan-2022	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676131
1836	Ahamed, S. Tazmeel; Bhuvaneswari, M.; Prasath, S. Venu; Sri Ram, N. Tharun; Tansin, K.	Internet of Things based Intelligent Waste Segregation and Management System for Smart Home Application	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES54183.2022.9835844
1837	Ramasamy, Senthil Ganesh	Internet of Things-Based Design of Smart Speed Control System for Highway Transportation Vehicles	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-2422-3_22
1838	Gopinathan, R.	Investigating the performance of a NMPCM integrated heat sink for chipset cooling	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.05.123
1839	Vignesh, S.	Investigating the single pass baffled solar air heater (SAH) with an organic PCM (OPCM)	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.03.216
1840	Thankaraj, Sujatha	Investigation of Deep Learning Methodologies in Satellite Image based Ship Detection	2022	Conference Paper	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	10.1109/ICSCDS53736.2022.9760824
1841	Perumal, Ashoka Varthanan; Rajesh, Appasamy	Investigation of fatigue strength of aluminium 2024-T3 subjected to shot peening process by Ni shots	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108072
1842	Pritima, D.; Veerappan, G.	Investigation of mechanical properties and corrosion behavior of Nickel Bronze alloy prepared powder metallurgy	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.10.259

1843	Raja, S.	Investigation of welding speed on tensile strength of MIG welded Hastelloy C-276 joints	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108090
1844	Boobalan, S.C.; Maruthachalam, D.	Investigation on influence of size of aggregate and effect of strength on altering the ratio in low nominal concrete mixes	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.06.224
1845	Anandh, S.; Arulanandhaguru, I.; Dharshan, K.; Pandiyar, Alex M; Saranya, G.	IoT Based Engineering Calculator using BOLT IoT Module	Jan-2022	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676062
1846	Shobika, S.; Shri Yazhini, R.; Sneka, T.; Soundari, D.V.; Srijith Raj, S.	IoT Based Intelligent Fire Fighting Machine Using Arduino	Jan-2022	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676011
1847	Aamir Suhail, H.; Ananthi, K.; Brundhavan, G.; Dhayanithi, K.; Gopinath, K.	IoT based AGV System for Medicare	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885709
1848	Sujatha, Sujin John Bright	IoT based Automated Coal Mine Detection and Immediate Rescue Robot	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10029244
1849	R.V.; Nethra, J.; Ratnam, V Nethesvar; Visvesvaran, C.	IoT based Automatic Temperature Detection for Covid Prevention	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA54612.2022.9985680
1850	Sampriti, G.; Shanmugasundaram, Elam Cheren; Subasree, T.; Sumetha, M.; Swetha, V.	IoT based Smart Dustbin for Waste Management	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA54612.2022.9985525
1851	Boopathi, R.; Dinesh Kumar, J.R.; Ezhil Bharathi, P.; Giri Prakash, N.; Radhika, A.	IoT based Solar Energy Monitoring and Fault Detection	2022	Conference Paper	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	10.1109/ICICCS53718.2022.9788278
1852	Abhirooban, T.; Girinath, N.; Sabarish, V.; Surendar, R.	IoT based Threat Detection and Location Tracking for Women Safety	2022	Conference Paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECAA55415.2022.9936427

1853	Rani, Soundarapandian Sheeba; Subramani, Sivaranjani	IoT based smart devices framework for grid demand response management	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108870
1854	Ramji Tiwari, M.; Ramya, Karnam Chandrasekhar; Subramani, Sivaranjani	IoT service placement architecture for edge computing in smart cities	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108176
1855	Babu, M.S. Jeevan; Bharathi, G.; Jana, K.; Ramkumar, M.	IoT-based Child Rescue System from Borewell	2022	Conference Paper	6th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2022 - Proceedings	10.1109/ICECA55336.2022.10009049
1856	Abhishek, J.; Ajay, D.; Bharath Kumar, R.; Gokul Prasanth, M.; Sarath Kumar, R.	LPWAN for IoT	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753563
1857	Arumugam, Sajeev Ram; Manoj Stanislaus, Oswalt	Lung Cancer Detection Using Modified Fuzzy C-Means Clustering and Adaptive Neuro-Fuzzy Network	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-19-4831-2_60
1858	Sanjay Kumar, V.G.; Soundari, D.V.; Srijith Raj, S.; Srikanth, V.	Lung Cancer Detection using 3D-Convolution Neural Network	2022	Conference Paper	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022	10.1109/STCR55312.2022.10009146
1859	Ramasamy, Balaji Venkatesalu; Surabhi, P.S.	MIMO - OFDM System Based Wireless Data Transmission in Underwater Hydroacoustic Environment	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785195
1860	Arunbharathi, R.; Charan, M.K.; Dharunprakash, E.; Iniyen, V.; Perumal, Ashoka Varthanan; Shankar, K. Gowri	Machinability studies on MMC/special metals - A review	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108144
1861	Shobana, G.	Machine Learning Based Systolic and Diastolic Pressure Prediction Model	2022	Conference Paper	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022	10.1109/ICAISS55157.2022.10010729

1862	Dinesh Kumar, J.R.; Keerthana, S.D.; Pavithra, M.; Shabbeer, Priyadharsini; Dinesh Kumar, J.R.; Keerthana, S.D.; Pavithra, M.; Shabbeer, Priyadharsini	Machine Learning Technique for Improvised and Automated Diagnosis of Soft Tissue Tumor	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA546 12.2022.9985692
1863	Durga, S.	Machine Learning based Botnet Detection in Large-Scale Network	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55 517.2022.10029304
1864	Dinesh Kumar, J.R.; Gokulraj; Gowtham, S.; Harish, N.; Shabbeer, Priyadharsini	Machine Learning based Drowsiness Detection in Classrooms	2022	Conference Paper	International Conference on Edge Computing and Applications, ICECAA 2022 - Proceedings	10.1109/ICECAA55 415.2022.9936550
1865	Anitha, P.; Kumar, P. Ranjith; Santhiya, R.; Surya, S.	Machine Learning based Identification of Covid-19 Future Forecasting	2022	Conference Paper	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings	10.1109/ICOEI5355 6.2022.9777126
1866	Pritima, D.; Veerappan, G.	Machine learning assisted investigation on properties of TiO ₂ reinforced aluminium metal matrix composites	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 2.11.306
1867	Bagavathy, S.; Veerappan, G.	Machine learning enabled optimization techniques for exploring the mechanical properties of stir cast AA6061	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 2.09.597
1868	Balamurugan, S.	Material characterization of CMT welded joints of AA6082-T4 alloys	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108114
1869	Ali, L. Feroz; Ranganathan, Soundararajan	Mechanical Properties Enhancement of A356 Alloy Hybrid Composite by FSP and SP Route	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28- 0541
1870	Rengaraj, Jeyakumar; Soundararajan, R.	Mechanical Properties of Twill Weave of Bamboo Fabric Epoxy Composite Materials	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28- 0532
1871	Yuvaraj, K.P.	Mechanical behaviour of friction stir welded AA7075-T651 and AA6063-T6 joints - an experimental study	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 2.09.561
1872	Arulkumar, V.	Medical Healthcare System with Hybrid Block based Predictive models for Quality preserving in Medical Images using Machine Learning Techniques	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54 488.2022.9753355

1873	Ramasamy, Balaji Venkatesalu; Sriram, S.; Vasim Hushain, S.; Venkatappan, V.	Microcontroller based Smart Tablet Dispenser (STD) for Elderly People	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA546 12.2022.9985540
1874	Balu Mahandiran, S.; Murugesan, Vigneshkumar; Perumal, Ashoka Varthanan; Sakthivel, S.; Vicknesh, V.	Microstructural analysis of Al-SiC composites fabricated through centrifugal casting process	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108070
1875	Narasimharaj, Venugopal	Minimization of energy consumption in MANET using optimized k-medoid PSO Clustering Model	2022	Conference Paper	Proceedings of the 3rd International Conference on Smart Technologies in Computing, Electrical and Electronics, ICSTCEE 2022	10.1109/ICSTCEE5 6972.2022.1009981 2
1876	George, Ignisha Rajathi; Nivethini, G.S.; Rahfar Nisha, R.; Yokesh Srenevas, R.	Mitigation and Swift Curative Procedure on Alluring Smart City Using Falcon Technology	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981- 19-2177-3_9
1877	Thankaraj, Sujatha	Mobile Application for Water Management and Monitoring System in Residential Building	2022	Conference Paper	2022 International Conference on Futuristic Technologies, INCOFT 2022	10.1109/INCOFT55 651.2022.10094336
1878	Ranganathan, Soundararajan	Modelling and Analysis of Brake Disc with Various Profiles for EN31 Material	2022	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981- 19-2091-2_7
1879	Adlin Rino, M.; Arundhathi; Sadheesh, S.; Swetha, R.	Monitoring and analyzing the effect of heavy metals in air based on ecological and health risks in Coimbatore	2022	Conference Paper	IOP Conference Series: Earth and Environmental Science	10.1088/1755- 1315/1125/1/01200 2
1880	Karthikeyani, S.; Selvi, C. Thirumarai; Karthikeyani, S.; Selvi, C. Thirumarai	Multikernel Support Vector Machine with GLCM For Truthful Brain Signal Classification of Magnetic Resonance Imaging	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54 159.2022.9785363
1881	Palaniappan, Shanthi	Multiple Ensembling Techniques for Monitoring the Physical Activities and Predicting the Performance of the Students	2022	Conference Paper	CEUR Workshop Proceedings	-
1882	Sujaritha, M.; Shunmugapriya, S.	Multispectral Satellite Image Segmentation Using Improved Bat Algorithm	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54 488.2022.9753341

1883	Bagavathi, C.; Nair, Swathi M; Sruthi, R.; Suvitha, M.	Novel Epileptic Detection System using Portable EMG-based Assistance	2022	Conference Paper	Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022	10.1109/ICAAIC53929.2022.9793109
1884	Kiruba, B.; Saravanan, V.; Vasanth, T.; Yogeshwar, B.K.	OWASP Attack Prevention	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885691
1885	Balakrishnan, S.	Opinion Mining for Breast Cancer Disease Using Apriori and K-Modes Clustering Algorithm	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-19-1122-4_6
1886	Arun Kumar, P.M.; Elankumaran, K.	Optimization Of Machining Fixture Layout by Considering Two-Dimensional Workpiece Fixture Contact Regions	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9784983
1887	Rajamanickam, Arun Kumar; Rohith Kumaar, M.B.; Sabarivasan, U.; Sanjay, M.	Optimization of DIY open source 3D printer from scratch	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108073
1888	Jesudass, A.; Karthick, M.; Nishanth, P.A.; Sanjay Anand, S.	Optimization of Embodied energy and operational energy of school design by comparing conventional and sustainable Material configurations	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.170
1889	Srinivasan, V.P.	Optimization of electrical discharge machining process parameters of titanium alloy using Taguchi methodology	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108029
1890	Kalaiarasan, Kaviyarasan	Optimizing the Tribological Process Parameters of Calcium Hexaboride Reinforced Magnesium Composite Using Grey Relational Analysis	2022	Conference Paper	SAE Technical Papers	10.4271/2022-28-0567
1891	Devarajan, Gunapriya; Elakya, A.	PLC Based Critical Composition Control for Industries	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785226
1892	Mustafa, Mohammed Mubarak	Performance Analysis of BSN Using ACK-TDMA Techniques for Effective Communication	2022	Conference Paper	HORA 2022 - 4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Proceedings	10.1109/HORA55278.2022.9799931

1893	Geetha, D. Mohana; Harini, A.S.; Naveena, M.; Priya, K. Hari	Performance Analysis of CSRR and SRR Structure Incorporated Multiband Slotted Antenna	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885708
1894	Mahalakshmi, G.	Performance Analysis of DC-DC converters for Solar PV fed Switched Reluctance motor for Electric Vehicle Applications	2022	Conference Paper	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/1055/1/012003
1895	Dinesh Kumar, J.R.; Reveetha, A.; Shabbeer, Priyadharsini; Shamitha, M.; Shri Dharshana, S.; Dinesh Kumar, J.R.; Reveetha, A.; Shabbeer, Priyadharsini; Shamitha, M.; Shri Dharshana, S.	Performance Analysis of Inbuilt Hearing Aid using Signal Enhancement by Deep Learning	2022	Conference Paper	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022	10.1109/STCR55312.2022.10009425
1896	Ramji Tiwari, M.; Ramya, Karnam Chandrasekhar; Shree, Roopa; Swetha	Performance Analysis of SEPIC Converter for PV System	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0100853
1897	Akshya, K.; Arunachalam, Ar. C.; Avanthika, V.T.Y.; Deepak, S.; Ramkumar, M.	Performance Analysis of Various Machine Learning Techniques for Classifying Cardiac Arrhythmia - Survey	Jan-2022	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9675872
1898	Darshan, K.J.; Dinesh Kumar, J.R.; Perumal, Sudharsan; Shabbeer, Priyadharsini; Vignesh, S.; Vinoth, P.	Performance Investigation of Handwritten Equation Solver using CNN for Betterment	2022	Conference Paper	Proceedings - 2nd International Conference on Smart Technologies, Communication and Robotics 2022, STCR 2022	10.1109/STCR55312.2022.10009300
1899	Kumaresan, G.; Reshvanth, K.S.; Santhosh, N.; Shannon Medone, R.; Subramaniana, R. Siva; Syed Riyasudeen, S.	Performance analysis of multipass tubes solar water heater using nanofluids	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.838

1900	Balamurugan, S.	Performance evaluation of vegetable fueled domestic cooking stove	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108117
1901	Manohari, B.; Suresh Kumar, S.; Lakshmi, S. Venkata; Manohari, B.; Suresh Kumar, S.	Physical Movement Acknowledgment Utilizing Mobile Sensor	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-16-8987-1_50
1902	Ajay, S.; Chandran, Gayatri R; Gowtham Kumar, K.S.; Haynes Immuanel, S.; Jaganadan, H.; Krishnan, Loganathan Navaneetha	Portable Smart Storage Units for Agricultural Products	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785099
1903	Shanmugasundaram, Elam Cheren	Power Quality Enhancement Using Interline Dynamic Voltage Restorer in Renewable Energy System	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-4943-1_47
1904	Kaliyaperumal, Balasubramanian; Mani, Vinosh	Predict the fatigue life of solution treated and aged TIG welded AA6061 aluminum alloy joints	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108128
1905	Arumugam, Sajeev Ram	Prediction of Autism Spectrum Disorder using Convolution Neural Network	2022	Conference Paper	2022 6th International Conference on Trends in Electronics and Informatics, ICOEI 2022 - Proceedings	10.1109/ICOEI53556.2022.9776657
1906	Arumugam, Sajeev Ram; Premnath, Sasi Padma	Prediction of severity of Knee Osteoarthritis on X-ray images using deep learning	2022	Conference Paper	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022	10.1109/NKCon56289.2022.10126934
1907	Kanisha, R.; Lavanya, R.; Madhurusha, G.; Sophia, B.	Predictive Analytics of Crime Data using Supervised and Ensemble Learning Methods	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885355
1908	Subramaniam, Balasubramani	Preparation and characterization of magneto rheological fluid for vibration damping	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108091
1909	Durga, S.	Preparedness for managing pandemic using distributed mobile brokers - Using COVID 19 use case	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.11.586
1910	Nivitha Shree, R.H.; Palanichamy, Mohan Kumar; Poojaa, R.; Rithick Roshan, R.	Price Prediction of House using KNN based Lasso and Ridge Model	2022	Conference Paper	International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2022 - Proceedings	10.1109/ICSCDS53736.2022.9760832

1911	Guru, Sathish P.; Ruben, Ben R.; Sakthivel, B.; Sanakyan, J.	Prioritization of barriers of lean six sigma with sustainability cogitations	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108106
1912	Rangasamy, Ramamoorthi; Srinidhi, M.S.; Vignesh, S.	Production of waste plastic fuel oil and experimentation analysis on engine performance with fuel blends	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108182
1913	Biruntha, S.; Sowmiya, B.S.; Subashri, R.; Vasanth, M.	Rainfall Prediction using kNN and Decision Tree	2022	Conference Paper	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	10.1109/ICEARS53579.2022.9752220
1914	Akash, A.; Guru, K.; Hariram, S.; Karthi, S.P.	Raspberry Pi based Smart Assistance for Visually Impaired People	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885412
1915	Mahalakshmi, P.; Nigila, P.; Rakshana, P.; Raveena, P.; Sumathi, R.	Real Time Protection of Farmlands from Animal Intrusion	2022	Conference Paper	Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022	10.1109/AIC55036.2022.9848808
1916	Ananthi, K.; Rangasamy, B. Viney; Surya, R. Prabhu	Recycle of Plastic Material for Fabrication of Paver Blocks	2022	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-8550-7_9
1917	Praveen, S.; Priya, S. Sasi; Ragul, B.; Shirley, D. Ruth Anita; Sibi, T.	Reduction of Electromagnetic Interference Using EMI Filter in a Buck Converter	2022	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/2325/1/012014
1918	Subramani, Sivaranjani; Logashri, S.; Pavithra, C.K.; Puviarasi, S.	Renewable Energy Generation and Grid Synchronization using IOT	2022	Conference Paper	Proceedings - 2022 IEEE World Conference on Applied Intelligence and Computing, AIC 2022	10.1109/AIC55036.2022.9848846
1919	Gopinathan, R.	Renewable Energy based Security System for Isolator (Air Brake Switch) using Fingerprint Sensor with Internet of Things	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10028991
1920	Latha Maheswari, T.	Research Analysis on Clustering Techniques in Wireless Sensor Networks	2022	Conference Paper	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	10.1109/MysuruCon55714.2022.9972476

1921	Niranjana, R.	Resourceful Retinal Vessel segmentation for Early Exposure of Vision Threatening Diseases	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9752931
1922	Jeyakumar, Prasanna; Mani, Vinosh; Mydeen, Mohammed Saliek Risavu; Selvaraj, Navin Kumar; Veeraiah, Premkumar	Review of materials and mechanisms used in the conversion of a foldable chair to a bed	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108136
1923	Nandheesh, D.T.; Ramachandran, N.; Ravichandran, Nitin Vyas; Sebastin, R. Noah Muthu; Yakesh, V.	Review on optical tweezers in multi-fields	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108108
1924	Abilash, S.; Asfaq, M.; Dinesh, C.; Raghuvaran, P.; Tejash, R. Deva	Reviews on properties of silicon carbide reinforced composite materials made by liquid metallurgy technique	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108405
1925	Anish Fathima, B.	Secure Wireless Sensor Network Energy Optimization Model with Game Theory and Deep Learning Algorithm	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785348
1926	Kousika, N.; Vijeya Kaveri, V.	Secure and Efficient Modified Dynamic Partition Routing Algorithm for Mobile Ad Hoc Networks	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753553
1927	Anish Fathima, B.; Darshan, K.J.; Gokul, R.M.; Kirubason, R. Sam	Secure e - Will Module for Elderly people	2022	Conference Paper	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022	10.1109/ICAISS5157.2022.10011028
1928	Sindhu, V.	Secured Authentication and Key Sharing Using Encrypted Negative Password in IoT devices	2022	Conference Paper	ECS Transactions	10.1149/10701.12713ecst
1929	Ananthi, K.	Security Enhancement of Fog Nodes in IoT Networks Using the IBF Scheme	2022	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-3-031-12413-6_10
1930	Arunkumar, K.; Azhaguramyaa, V.R.; Balakrishnan, S.; Janet, J.; Madhavan, G.R.	Sentiment Analysis on Book Reviews Using Machine Learning Techniques	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785311

1931	Vijayakumar, Nandalal	Smart Application Based Circuit Breaker with Secure Passcode	2022	Conference Paper	2022 IEEE 2nd International Conference on Mobile Networks and Wireless Communications, ICMNWC 2022	10.1109/ICMNWC56175.2022.10031851
1932	Arunachalam, M.	Smart Application to Enhance in-Store Shopping	2022	Conference Paper	13th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2022	-
1933	MakeshKumar, R.; Mike Gladson, L.; Parthiban, S.; Suresh Kumar, S.	Smart Block-SDN: An Advanced Blockchain-SDN Framework for Resource Management	2022	Conference Paper	8th International Conference on Smart Structures and Systems, ICSSS 2022	10.1109/ICSSS54381.2022.9782292
1934	Sathiya, S.	Smart Healthcare in IoT using Convolutional Based Cyber Physical System	2022	Conference Paper	MysuruCon 2022 - 2022 IEEE 2nd Mysore Sub Section International Conference	10.1109/MysuruCon55714.2022.9972679
1935	Maheshkumar, P.; Ponnusamy, Vinoth Kumar; Subramani, Sivaranjani	Smart Monitoring of Distribution Transformer Performance Condition using IOT	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785192
1936	Pavithra, C.K.; Preethi, D.; Priyadharshini; Shalini, P.; Sowmiya, D.	Smart Solar Charging Station	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0101184
1937	An, Janarthanan; Kumar, K Kavın; Lakshman, C.; Poonthamilan, S.; Ramasamy, Senthil Ganesh	Smart System for Hazardous Gases Detection and Alert System using Internet of Things	Jan-2022	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676149
1938	Asha Banu, S.M.; Lakshida, Soundarya A S; Shanthini, V.S.; Stinsha, S.L.	Smart Traffic Light Control System Using Image Processing	2022	Conference Paper	Proceedings - International Conference on Augmented Intelligence and Sustainable Systems, ICAISS 2022	10.1109/ICAISS55157.2022.10010764
1939	Sasikala, S.	Soft Computing based Brain Tumor Categorization with Machine Learning Techniques	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9752880
1940	Gilbert, Edwin Prem Kumar; Edwin, Lydia	Soft computing models for forecasting day-ahead energy consumption	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.03.003

1941	Bhavatharini, T.; Mahalakshmi, G.; Maladhi, D.	Speed control of zeta converter fed BLDC motor	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108104
1942	Gopinathan, R.	Splicing Image Forgery Detection by Deploying Deep Learning Model	2022	Conference Paper	International Conference on Automation, Computing and Renewable Systems, ICACRS 2022 - Proceedings	10.1109/ICACRS55517.2022.10029055
1943	Ragul, B.; Ram Vinith, P.; Ramanathan, N.A.; Rishiganesh, R.; Geethamani, R.; Ragul, B.; Ram Vinith, P.; Ramanathan, N.A.;	Stability Analysis of a Walking Robot Using an Inverted Pendulum Model	2022	Conference Paper	8th International Conference on Advanced Computing and Communication Systems, ICACCS 2022	10.1109/ICACCS54159.2022.9785001
1944	Akash, S.M.; Kishan, S.; Murugan, K R. Senthil; Sugumaran, Krupa	Stock Market Prognosticate using Machine Learning	2022	Conference Paper	2022 International Conference on Advanced Computing Technologies and Applications, ICACTA 2022	10.1109/ICACTA54488.2022.9753331
1945	Ashok kumar, Arjith; Natrajan, Ramachandran; Rajendran, Chinnasamy; Ranganathan, Harish	Stress corrosion cracking of friction stir welded AISI 304 and 316 L dissimilar steel alloys	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.08.125
1946	Boobalan, S.C.; Salman Shereef, M.; Saravanaboopathi, P.; Siranjeevi, K.	Studies on green concrete – A review	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.392
1947	Subramanian, Ramakrishnan	Study on Controlled Low Strength Materials using GGBS with Dredged Soil and M-Sand	2022	Conference Paper	Materials Research Proceedings	10.21741/9781644901953-39
1948	Vignesh, S.	Study on emission reduction techniques by in-cylinder reduction method for compression ignition engines	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.05.125
1949	Rejina Parvin, J.	Study on induced aeration for fishery fields using floating SPV	2022	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/2272/1/012007
1950	Abiram, P.; Arunbharathi, R.; Asfaq, M.; Karthi, C. S. Ashwin; Perumal, Ashoka Varthanan	Study on spindle natural frequencies by employing high speed rotational effects	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108148

1951	Gopinathan, R.	Study on the influence of stacking pattern on mechanical behaviour of banana/snake grass fibers hybrid epoxy composite	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.08.185
1952	Vigneshwaran, M.	Study on the mechanical properties of a hybrid polymer composite using egg shell powder based bio-filler	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.07.114
1953	Kaliyaperumal, Balasubramanian; Madhubalan, R.; Rangasamy, Ramamoorthi; Rengaraj, Jeyakumar	Study the mechanical behaviour of banana fiber/glass fiber reinforced polyester nano clay composites	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108181
1954	Madhankumar, S.; Ramesh, Adithyaa; Selvan, T.A.	Surface roughness assessments and comparative study of Inconel 625 and Inconel 718 alloys after micro electrochemical machining	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.076
1955	Ellanghovan, Harivarsha; Harish Sanmugam, J.	Survival Analysis of Breast Cancer using Machine Learning	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885597
1956	Akshey, P.B.; Madhankumar, S.; Selvan, T.A.	Taguchi-based grey relational study for multiple criterion optimization on process variables for micro Electro-chemical Machining of Inconel Super-alloy	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.060
1957	Asha Banu, S.M.	Textile based antenna design for breast cancer detection	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.03.349
1958	Janani, R.; Kavya Dharshini, M.; Keerthi, G.; Selvi, C. Thirumarai	The Design and Fabrication of Smart Surveillance Robot	2022	Conference Paper	4th International Conference on Inventive Research in Computing Applications, ICIRCA 2022 - Proceedings	10.1109/ICIRCA54612.2022.9985739
1959	Chelladurai, Samson Jerold Samuel	The Effect of Arc Current on Microstructural and Mechanical Properties of Nickel Hardfaced Deposits Created using PTA Processes	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108881
1960	Anish Fathima, B.; Sindhu Priya, M.; Sreenithi, B.; Swathi, J.; Trisha, S.	The Impact of Mental Health due to Covid 19 - A Mental Health Detector Using Machine Learning	2022	Conference Paper	Proceedings of the 2nd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2022	10.1109/ICAIS53314.2022.9743009
1961	Nandheesh, D.T.; Ramachandran, N.; Ravichandran, Nitin Vyas; Srinithi, B.; Swetha, S.	The experimental development and enhancement of ultrasonic welding process specification aimed at delrin materials	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108103

1962	Kumar, S. Ranjith	Thermal analysis of counter flow concentric tube heat exchanger using Runge-Kutta method	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0073420
1963	Naveen, M.K.; Navin Karthi, V.S.; Reji, Arun Kurien	Thermal analysis of grooved heat pipe with eco-friendly refrigerant for low heat loads in comparison to an ordinary thermosyphon	2022	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2022.04.512
1964	Akthar, S. Roshan; Reji, Arun Kurien; Sakthivel, B.; Srinivasan, Santhosh; Vidhyaatharan, A.S.	Thermal performance analysis of a thermosiphon heat pipe working with an eco-friendly refrigerant in comparison to R134a	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0109844
1965	Kumar, P. Mohan	Towards a secure Software Defined Network with Adaptive Mitigation of DDoS attacks by Machine Learning Approaches	2022	Conference Paper	Proceedings - IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2022	10.1109/ACCAI53970.2022.9752607
1966	Farhan, H. Ulfath; Kumar, A. Arun; Senthilvasudevan, B.	Translation of Multilingual Text into Speech for Visually Impaired Person	2022	Conference Paper	7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings	10.1109/ICCES54183.2022.9835819
1967	Kanagarajan, Banupriya	Treatment of Reactive Red 195 from its Aqueous Solution by Electro Coagulation Method Using Iron Electrode	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108618
1968	Sreeraj, S.	Trust-Based Blockchain for Improving Supply Chain Communication in Internet of Vehicles	2022	Conference Paper	International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 - Proceedings	10.1109/IIHC55949.2022.10059993
1969	Kavin, R.	Two TS-Fuzzy Controllers based Direct Torque Control of 5-Phase Induction Motor	2022	Conference Paper	10th IEEE International Conference on Power Electronics, Drives and Energy Systems, PEDES 2022	10.1109/PEDES56012.2022.10080625
1970	Rameshkumar, Vignesh	Use of Parametric Software for Selecting Building Materials Based on Embodied Energy	2022	Conference Paper	Lecture Notes in Civil Engineering	10.1007/978-3-030-80312-4_3
1971	Raja, S.	Use of recycled plastic waste in concrete composites - A review	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0108652
1972	Arvend, V.; Dinakaran, S.; Ramji Tiwari, M.; Ramya, Karnam Chandrasekhar; Sreramsuseraj, S.; Vignesh, S.P.	User Interface Design for Public Kiosks: An Evaluation of the Mask Vending Machine	2022	Conference Paper	AIP Conference Proceedings	10.1063/5.0100909

1973	Natraj, N.A.	Using Wireless Sensor Networks to Improve Coastguard Productivity Improvements in Transmissions with Cognition	2022	Conference Paper	Proceedings of the International Conference on Electronics and Renewable Systems, ICEARS 2022	10.1109/ICEARS53579.2022.9752137
1974	Aravind, M.; Dayanand, B.; Devarajan, S.; Priya, S. Sasi	Wearable Sensor based Authentications using Red-Tacton	2022	Conference Paper	3rd International Conference on Electronics and Sustainable Communication Systems, ICESC 2022 - Proceedings	10.1109/ICESC54411.2022.9885311
1975	Rani, K. Sasi Kala; Rohini., M.; Ebenezer, Grace; Rani, K. Sasi Kala; Thomas, Emma	Web Based Application for Healthy Habit Development Through Gamification with ML	2022	Conference Paper	Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022	10.1109/ICSSIT53264.2022.9716318
1976	Aishwarya, G.M.; Arsha Varthana, P.; Kaviya Varshini, S.L.; Keerthana, N.; Ramji Tiwari, M.	Wrist-Worn Hand Gesture Recognition for Smart Walking for Disabled Persons	2022	Conference Paper	Proceedings - 2022 6th International Conference on Intelligent Computing and Control Systems, ICICCS 2022	10.1109/ICICCS53718.2022.9788435
1977	Manoj Stanislaus, Oswalt	A Comprehensive Survey on Blockchain and Cryptocurrency Technologies: Approaches, Challenges, and Opportunities	2022	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-77637-4_1
1978	Balakrishnan, S.; Patrick, Ananth John; Sachinkanithkar, R.	A High Security Framework Through Human Brain Using Algo Mixture Model Deep Learning Algorithm	2022	Book Chapter	Studies in Big Data	10.1007/978-3-030-75855-4_3
1979	Chelladurai, Samson Jerold Samuel	A Review on Manufacturing of Aluminium Alloy Based Metal Matrix Composites through Stir Casting Route	2022	Book Chapter	Functional Composite Materials: Manufacturing Technology and Experimental Application	10.2174/9789815039894122010007
1980	George, Ignisha Rajathi; Manoj Stanislaus, Oswalt; Pooranam, N.	A holistic analysis to identify the efficiency of data growth using a standardized method of nonfunctional requirements in graph applications	2022	Book Chapter	Demystifying Graph Data Science: Graph algorithms, analytics methods, platforms, databases, and use cases	-
1981	Durga, S.; Nagarajan, Susila; Thankaraj, Sujatha	A hybrid streaming analytic model for detection and classification of malware using Artificial Intelligence techniques	2022	Book Chapter	Streaming Analytics: Concepts, architectures, platforms, use cases and applications	-
1982	Arulkumar, V.; Hussain, D. Mansoor	A novel usage of artificial intelligence and internet of things in remote-based healthcare applications	2022	Book Chapter	Advanced Healthcare Systems: Empowering Physicians with IoT-Enabled Technologies	10.1002/9781119769293.ch12

1983	George, Ignisha Rajathi	A warehouse of information, COVID HUB	2022	Book Chapter	Biomedical Engineering Applications for People with Disabilities and the Elderly in the COVID-19 Pandemic and Beyond	10.1016/B978-0-323-85174-9.00030-3
1984	Ramya, Karnam Chandrasekhar; Shirley, D. Ruth Anita	Analysis of the Different Types of Electric Motors Used in Electric Vehicles	2022	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-85424-9_3
1985	Murugesan, Vigneshkumar; Perumal, Ashoka Varthanan; Raja, S.; Rengaraj, Jeyakumar	Analyzing the Influence of RSW Process Parameters on the Cross Tension Failure Load of Dissimilar functionally graded AISI 304/316L Stainless Steel Sheets	2022	Book Chapter	Functional Composite Materials: Manufacturing Technology and Experimental Application	10.2174/9789815039894122010006
1986	Rani, Soundarapandian Sheeba; Pritima, D.	Artificial Intelligence-Based Energy Management and Real-Time Optimization in Electric and Hybrid Electric Vehicles	2022	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-85424-9_12
1987	Dhandayudam, Prabha	Automated vehicle number plate recognition system, using convolution long short-term memory technique	2022	Book Chapter	Object Detection with Deep Learning Models: Principles and Applications	10.1201/9781003206736-6
1988	Sophia, S.	Biomedical data visualization and clinical decision-making in rodents using a multi-usage wireless brain stimulator with a novel embedded design	Aug-2022	Book Chapter	Predictive Modeling in Biomedical Data Mining and Analysis	10.1016/B978-0-323-99864-2.00009-3
1989	Swaminathan, Deepa Kanmani	Blockchain in internet of entities - issues and challenges	2022	Book Chapter	Blockchain-Based Systems for the Modern Energy Grid	10.1016/B978-0-323-91850-3.00012-3
1990	Mustafa, Mohammed Mubarak	Call-Based Smart Transportation Using Artificial Intelligence	2022	Book Chapter	Studies in Big Data	10.1007/978-981-19-0924-5_8
1991	Vineeth, V.V.; Sophia, S.	Data falsification detection in AMI: A secure perspective analysis	2022	Book Chapter	Artificial Intelligence for Renewable Energy Systems	10.1002/9781119761686.ch9
1992	Manoj Stanislaus, Oswalt, Patrick, Ananth John	Deep feature selection for wind forecasting-II	2022	Book Chapter	Artificial Intelligence for Renewable Energy Systems	10.1002/9781119761686.ch8
1993	Gilbert, Edwin Prem Kumar; Edwin, Lydia	Deep learning algorithms for wind forecasting: An overview	2022	Book Chapter	Artificial Intelligence for Renewable Energy Systems	10.1002/9781119761686.ch6
1994	Dhanushmathi, S.K.; Dharaniga, M.; Dinesh Kumar, J.R.; Shabbeer, Priyadharsini	Ease and Handy Household Water Management System	Feb-2022	Book Chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-7610-9_6
1995	Durga, S.; Nagarajan, Susila	EdgeloTics: leveraging edge cloud computing and IoT for intelligent monitoring of logistics container volumes	2022	Book Chapter	Streaming Analytics: Concepts, architectures, platforms, use cases and applications	-

1996	Shanthi; Sudhir, Sophia; Palaniappan, Shanthi; Sudhir, Sophia	Elderly Behavior Prediction Using a Deep Learning Model in Smart Homes	2022	Book Chapter	Research Anthology on Supporting Healthy Aging in a Digital Society	10.4018/978-1-6684-5295-0.ch025
1997	Nagarajan, Susila	Event processing platforms and streaming databases for event-driven enterprises	2022	Book Chapter	Streaming Analytics: Concepts, architectures, platforms, use cases and applications	10.1049/pbpc044e_ch2
1998	Arumugam, Sajeew Ram; Manoj Stanislaus, Oswald; Patrick, Ananth John; Pooranam, N.; Rohini., M.	FWS-DL: forecasting wind speed based on deep learning algorithms	2022	Book Chapter	Artificial Intelligence for Renewable Energy systems	10.1016/B978-0-323-90396-7.00007-9
1999	Ganesh, R. Sakthi; Shanmugasundaram, Elam Cheren; Surya, V.; Venkatesha, R.; Vijay, K.	Grid connected inverter for PV system using fuzzy logic controller	2022	Book Chapter	Smart Grids and Green Energy Systems	-
2000	Mustafa, Mohammed Mubarak	Image Processing for medical images on the basis of intelligence and biocomputing	2022	Book Chapter	Intelligent Network Design Driven by Big Data Analytics, IoT, AI and Cloud Computing	-
2001	Arumugam, Sajeew Ram; Balakrishnan, S.; Janet, J.	Impact of Early Termination of Lockdown and Maintaining Social Distancing: COVID-19	2022	Book Chapter	How COVID-19 is Accelerating the Digital Revolution: Challenges and Opportunities	10.1007/978-3-030-98167-9_1
2002	Ramji Tiwari, M.	Impact of artificial intelligence techniques in distributed smart grid monitoring system	2022	Book Chapter	Smart Energy and Electric Power Systems: Current Trends and New Intelligent Perspectives	10.1016/B978-0-323-91664-6.00005-X
2003	Janeera., D.A.; Shirley, D. Ruth Anita	Interplanetary file system protocolbased blockchain framework for routine data and security management in smart farming	Feb-2022	Book Chapter	Smart City Infrastructure: The Blockchain Perspective	10.1002/9781119785569.ch8
2004	Arumugam, Sajeew Ram; Manoj Stanislaus, Oswald	Introduction to graph analytics	2022	Book Chapter	Demystifying Graph Data Science: Graph algorithms, analytics methods, platforms, databases, and use cases	-
2005	Devarajan, Gunapriya	IoT and its requirements for renewable energy resources	2022	Book Chapter	IoT, Machine Learning and Blockchain Technologies for Renewable Energy and Modern Hybrid Power Systems	-

2006	Durga, S.	IoT-Based Ensemble Method on PCG Signal Classification to Predict Heart Diseases	2022	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-79766-9_7
2007	Anish Fathima, B.	Modeling of Fuzzy Logic-Based Classification System Using the Gravitational Search Algorithm	Apr-2022	Book Chapter	Studies in Big Data	10.1007/978-981-19-0924-5_5
2008	Madhankumar, S.; Selvan, T.A.	Multi-objective Optimization on Processing Parameters for Micro ECM of Inconel Alloy Using Taguchi Based Grey Relation Analysis	2022	Book Chapter	Functional Composite Materials: Manufacturing Technology and Experimental Application	10.2174/9789815039894122010015
2009	Gomathy, Vel Murugan	Optimal Neutrosophic Rules Based Feature Extraction for Data Classification Using Deep Learning Model	2022	Book Chapter	Studies in Fuzziness and Soft Computing	10.1007/978-3-030-92026-5_4
2010	Arumugam, Sajeev Ram; Manoj Stanislaus, Oswalt	Performance evaluation of machine learning and deep learning techniques: A comparative analysis for house price prediction	2022	Book Chapter	Convergence of Deep Learning in Cyber-IoT Systems and Security	10.1002/9781119857686.ch2
2011	Ali, L. Feroz	Physical and Mechanical Properties of Randomly Oriented Natural Fiber Hybrid Composites for Exterior Applications	2022	Book Chapter	Materials Science Forum	10.4028/p-hfs96t
2012	Ramkumar, M.	Quantum Cascade Lasers - Device Modelling and Applications	Dec-2022	Book Chapter	Smart Antennas, Electromagnetic Interference and Microwave Antennas for Wireless Communications	-
2013	Mustafa, Mohammed Mubarak	Real-Time System for Forecasting Natural Disasters Using the Social Network	2022	Book Chapter	Studies in Big Data	10.1007/978-981-19-0924-5_7
2014	Bhuvaneswari, M.; Priya, S. Sasi	Real-time implementation of an implantable antenna using chicken swarm optimization for IoT-based wearable healthcare applications	2022	Book Chapter	Internet of Things and Fog Computing-Enabled Solutions for Real-Life Challenges	10.1202/9781003230236-7
2015	Arjith, M.B.S.; Aruchamy, Sathishkumar; Ranganathan, Soundararajan; Sakthivel, G.; Vel, T. J. Muthu	Review on Regenerative Braking System	2022	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-85424-9_9
2016	Gilbert, Edwin Prem Kumar; Edwin, Lydia	Security Challenges in 5G and IoT Networks: A Review	2022	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-79766-9_1
2017	Ponnusamy, Vinoth Kumar; Subramani, Sivaranjani	Smart Home Technologies Toward SMART (Specific, Measurable, Achievable, Realistic, and Timely) Outlook	2022	Book Chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-19-2069-1_49

2018	Jayaprakash, Karthika; Narendran, R.K.; Santhosh, B.; Thennavan, S.; Vallinayagam, K.	Smart power tracking and power factor correction in a PV system	2022	Book Chapter	Smart Grids and Green Energy Systems	-
2019	Kavitha, M.	Systematic View and Impact of Artificial Intelligence in Smart Healthcare Systems, Principles, Challenges and Applications	2022	Book Chapter	Machine Learning and Artificial Intelligence in Healthcare Systems: Tools and Techniques	10.1201/9781003265436-2
2020	Manoj Stanislaus, Oswalt	The ascendant role of machine learning algorithms in the prediction of breast cancer and treatment using telehealth	2022	Book Chapter	Tele-Healthcare: Applications of Artificial Intelligence and Soft Computing Techniques	10.1002/9781119841937.ch12
2021	Arunachalam, M.	Wireless Brain-Computer Interface (WBCI) and 6G technology security issues, safety mechanisms	2022	Book Chapter	Challenges and Risks Involved in Deploying 6G and NextGen Networks	10.4018/978-1-6684-3804-6.ch013
2022	Dhandayudam, Prabha	Wrapper-Naive Bayes Approach to Perform Efficient Customer Behavior Prediction	2022	Book Chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-7167-8_2
2023	Jerold Samuel, C. Samson	Functional Composite Materials: Manufacturing Technology and Experimental Application	2022	Book	Functional Composite Materials: Manufacturing Technology and Experimental Application	10.2174/97898150398941220101
2024	Manohari, B.	A Machine Learning Method for Detecting Sarcasm in Negative Sentiment Tweets using Hyperboles	2022	Other	2022 IEEE North Karnataka Subsection Flagship International Conference, NKCon 2022	10.1109/NKCon56289.2022.10126546
2025	Yasirabdullahr	Blockchain-Based Deep Learning to Process IoT Data Acquisition in Cognitive Data	2022	Other	BioMed Research International	10.1155/2022/5038851
2026	Ramya, Karnam Chandrasekhar	Correction to: Emerging advanced photonics applications of graphene and beyond-graphene 2D materials: Recent advances (Journal of Materials Research, (2022), 37, 2, (391-404), 10.1557/s43578-021-00447-4)	2022	Other	Journal of Materials Research	10.1557/s43578-022-00510-8
2027	Barakkath Nisha, Usman	Healthcare Biclustering-Based Prediction on Gene Expression Dataset	2022	Other	BioMed Research International	10.1155/2022/2263194
2028	Lavanya, S.	Retraction Note: Artificial intelligence for a bio-sensored detection of tuberculosis	2022	Other	Network Modeling Analysis in Health Informatics and Bioinformatics	10.1007/s13721-022-00396-w
2029	Ramesh, R.	Retraction: Association of vaccine medication for the efficacious COVID-19 treatment	2022	Other	World Journal of Engineering	10.1108/WJE-01-2021-0062
2030	Gopinathan, R.	Study of Mechanical Properties on Ferric Oxide Microparticles Reinforced with Polyethylene	2022	Other	Advances in Materials Science and Engineering	10.1155/2022/3077301

2031	Balakrishnan, S.; Janet, J.	A cloud-based prototype for the monitoring and predicting of data in precision agriculture based on internet of everything	2021	Article	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-02632-5
2032	Kousalya, A.	A hybrid efficient distributed clustering algorithm based intrusion detection system to enhance security in manet	2021	Article	Information Technology and Control	10.5755/J01.ITC.50.1.25002
2033	Thirumarai Selvi, C.	A modified salp swarm algorithm (SSA) combined with a chaotic coupled map lattices (CML) approach for the secured encryption and compression of medical images during data transmission	2021	Article	Biomedical Signal Processing and Control	10.1016/j.bspc.2021.102465
2034	Geetha, D. Mohana	A novel multi functional multi parameter concealed cluster based data aggregation scheme for wireless sensor networks (NMFMP-CDA)	2021	Article	Wireless Networks	10.1007/s11276-020-02499-6
2035	Rajalakshmi, K.	A study on packing coloring of fan and jump graph families	2021	Article	Palestine Journal of Mathematics	-
2036	Geetha, D. Mohana	An efficient privacy-preserving model based on OMFTSA for query optimization in crowdsourcing	2021	Article	Concurrency and Computation: Practice and Experience	10.1002/cpe.6447
2037	Gomathy, Vel Murugan	An intelligent COVID-19 classification model using optimal grey-level co-occurrence matrix features with extreme learning machine	2021	Article	International Journal of Computer Applications in Technology	10.1504/IJCAT.2021.117275
2038	Sivakumar, K.	Analysing the sustainability of plastic part manufacturing supply chain using matrix-digraph-based approach	2021	Article	International Journal of Services and Operations Management	10.1504/IJSOM.2021.117683
2039	Swaminathan, Deepa Kanmani	Analysis of DNA Sequence Classification Using CNN and Hybrid Models	2021	Article	Computational and Mathematical Methods in Medicine	10.1155/2021/1835056
2040	Balaji, K. Manoj; Karthik, V.; Kumar, M. Manoj	COMMTraffic Controller for Vip/Ambulance Vehicle & Location Tracking	2021	Article	International Research Journal of Multidisciplinary Technovation	10.34256/irjmt2112
2041	Meenakshisundaram, Sangeetha	Chloroquine analogs: An overview of natural and synthetic quinolines as broad spectrum antiviral agents	2021	Article	Current Pharmaceutical Design	10.2174/1381612826666201211121721
2042	Vijayakumar, Nandalal	Design and Analysis of (5, 10) Regular LDPC Encoder Using MRP Technique	2021	Article	Wireless Personal Communications	10.1007/s11277-021-08075-1
2043	Anish Fathima, B.	Design and Analysis of Energy Efficient Domino Logic Architectures with Single Electron Transistors in Pull Down Network and Keeper Topology	2021	Article	EAI Endorsed Transactions on Energy Web	10.4108/eai.27-11-2020.167287
2044	Dhandayudam, Prabha	Design of novel multi filter union feature selection framework for breast cancer dataset	2021	Article	Concurrent Engineering Research and Applications	10.1177/1063293X211016046

2045	Chelladurai, Samson Jerold Samuel	Developing an Empirical Relationship to Predict the Wear Characteristics of Ni-Based Hardfaced Deposits on Nuclear Grade 316LN Austenitic Stainless Steel	2021	Article	Advances in Materials Science and Engineering	10.1155/2021/3934787
2046	Janardhanan, Thaarini	Development and assessment of cement and concrete made of the burning of quinary by-product	2021	Article	Journal of Materials Research and Technology	10.1016/j.jmrt.2021.09.140
2047	Rangasamy, Ramamoorthi	Development of bamboo stem ash-al-hybrid reinforced with al ₂ o ₃ produced by stir casting technique	2021	Article	Journal of Ceramic Processing Research	10.36410/jcpr.2021.22.4.369
2048	Thirumarai Selvi, C.	Dynamic Key Based Smart Lock for Cargo Trucks	2021	Article	International Journal of Mechanical Engineering	-
2049	Nithyanandhan, T.; Rangasamy, Ramamoorthi	Effect of chicken bone ash on mechanical properties of al 8011 reinforced with silicon carbide	2021	Article	Journal of Engineering Research (Kuwait)	10.36909/jer.ICMM M.12347
2050	Viswanathan, Karthickeyan	Effect of diethyl ether and ethanol as an oxygenated additive on Calophyllum inophyllum biodiesel in CI engine	2021	Article	Environmental Science and Pollution Research	10.1007/s11356-020-10624-3
2051	Pradeep, I.	Effects of Nd doping on structural, optical, morphological and surface-chemical state analysis of ZnO nanoparticles for antimicrobial and anticancer activities	2021	Article	Surfaces and Interfaces	10.1016/j.surfin.2021.101000
2052	Viswanathan, Karthickeyan; Madhankumar, S.	Energy, exergy and environmental impact analysis on the novel indirect solar dryer with fins inserted phase change material	2021	Article	Renewable Energy	10.1016/j.renene.2021.05.085
2053	Vaishnavi Devi, S.	Environmental Assessment And Institutional Ecology Tools: Exploring Integrative Approaches	2021	Article	Indian Journal of Environmental Protection	-
2054	Balamurugan, S.; Srinivasan, V.P.	Experimental investigation on EDM of Si ₃ N ₄ -TiN using grey relational analysis coupled with teaching-learning-based optimization algorithm	2021	Article	Ceramics International	10.1016/j.ceramint.2021.03.262
2055	Adityan, K.; Perumal, Ashoka Varthanan; Ranganathan, Soundararajan	Experimental investigation on a diesel engine fuelled by algae methyl ester with additives	2021	Article	International Journal of Ambient Energy	10.1080/01430750.2019.1594368
2056	Perumal, Ashoka Varthanan	Experimental investigation on four-stroke catalytic coated spark ignition engine to promote cleaner environment	2021	Article	International Journal of Enterprise Network Management	10.1504/IJENM.2021.116437
2057	Yogeshwaran, Venkatraman	Experimental studies on the removal of heavy metal ion concentration using sugarcane bagasse in batch adsorption process	2021	Article	Desalination and Water Treatment	10.5004/dwt.2021.27160
2058	Karthickeyan, N.; Sivakumar, M.	Fast and efficient lossless encoder in image compression with low computation and low memory	2021	Article	IET Image Processing	10.1049/ipr2.12235

2059	Rajendran, Chinnasamy	Feasibility study of FSW, LBW and TIG joining process to fabricate light combat aircraft structure	2021	Article	International Journal of Lightweight Materials and Manufacture	10.1016/j.ijlmm.2021.07.001
2060	Sridevi, K.B.	Filling the quality gaps for a futuristic management education	2021	Article	Journal of Economic and Administrative Sciences	10.1108/JEAS-09-2018-0097
2061	Priya, S. Sasi; Bhuvanewari, M.	Fuzzy based clustering in CWPSN using machine learning model	2021	Article	Indian Journal of Radio and Space Physics	-
2062	Raman, Chandra Devi	GIS Based Spatial and Temporal Investigation of Groundwater and Soil Quality along Noyyal River, Tiruppur, India	2021	Article	Journal of the Geological Society of India	10.1007/s12594-021-1825-9
2063	Janani, R.; Nagarajan, Susila	Green telecare: An iot and cloud based identification of common thoracic diseases using deep learning approach	2021	Article	Journal of Green Engineering	-
2064	Indirapriyadarshini, J.	Grey Wolf Optimization Algorithm Based Weight Selection for Tuning H-Infinity Loop Shaping Controller in Application to A Benchmark Multivariable System with Transmission Zero	2021	Article	Control Engineering and Applied Informatics	-
2065	Swaminathan, Deepa Kanmani	Identification of Civil Infrastructure Damage Using Ensemble Transfer Learning Model	2021	Article	Advances in Civil Engineering	10.1155/2021/5589688
2066	Patrick, Ananth John; Premnath, Sasi Padma	Image noise removal using optimal deep learning-based noisy pixel identification and image enhancement	2021	Article	Imaging Science Journal	10.1080/13682199.2022.2155359
2067	Premnath, Sasi Padma	Image restoration model using Jaya-Bat optimization-enabled noise prediction map	2021	Article	IET Image Processing	10.1049/ipr2.12162
2068	Ramji Tiwari, M.	Implementation of different mppt techniques in solar pv tree under partial shading conditions	2021	Article	Sustainability (Switzerland)	10.3390/su13137208
2069	Hussain, D. Mansoor; Nagarajan, Susila	Industrial Centric Node Localization and Pollution Prediction Using Hybrid Swarm Techniques	2021	Article	Computer Systems Science and Engineering	10.32604/csse.2022.021681
2070	Gomathy, Vel Murugan; Reshma, T. Priya; Gomathy, Vel Murugan; Reshma, T. Priya	Investigating the Spread of Coronavirus Disease via Edge-AI and Air Pollution Correlation	2021	Article	ACM Transactions on Internet Technology	10.1145/3424222
2071	Mahalingam, Viswanathan	Investigation of DNA/BSA binding and cytotoxic properties of new Co(II), Ni(II) and Cu(II) hydrazone complexes	2021	Article	Inorganica Chimica Acta	10.1016/j.ica.2021.120536
2072	Perumal, Ashoka Varthanan	Investigation of mechanical and metallurgical behaviour in FSW of AA5052-H32 and AA5083-H111 aluminium alloys	2021	Article	Journal of Ceramic Processing Research	10.36410/jcpr.2021.22.6.620
2073	Chelladurai, Samson Jerold Samuel; Rajendran, Chinnasamy	Investigation on Microstructure and Tensile Properties of High-Strength AA2014 Aluminium Alloy Welds Joined by Pulsed CMT Welding Process	2021	Article	Advances in Materials Science and Engineering	10.1155/2021/8163164

2074	Manoram, R.B.	Investigation on influence of dimpled surfaces on heat transfer enhancement and friction factor in solar water heater	2021	Article	Journal of Thermal Analysis and Calorimetry	10.1007/s10973-020-09746-0
2075	Balasubramaniam, Maruthi Shankar	Maximizing network lifetime in WSN using ant colony algorithm	2021	Article	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-16-0965-7_1
2076	Palaniraj, Saravanakumar	Mechanical properties of recycled aggregate concrete treated by variation in mixing approaches	2021	Article	Revista de la Construccion	10.7764/RDLC.20.2.35
2077	Selvi, C. Thirumarai	Medical image encryption and compression by adaptive sigma filterized synorr certificateless signcryptive Levenshtein entropy-coding-based deep neural learning	2021	Article	Multimedia Systems	10.1007/s00530-021-00764-y
2078	Ranganathan, Soundararajan; Ali, L. Feroz	Microstructural and Wear Behaviour of Al 6063–W Nanocomposites Developed Using Friction Stir Processing	2021	Article	Metals and Materials International	10.1007/s12540-021-01029-z
2079	Ranganathan, Soundararajan; Ali, L. Feroz	Microstructural evolutions and mechanical properties enhancement of AA 6063 alloy reinforced with Tungsten (W) nanoparticles processed by friction stir processing	2021	Article	Materials Characterization	10.1016/j.matchar.2021.110903
2080	Ramji Tiwari, M.	Neural network based MPPT control with reconfigured quadratic boost converter for fuel cell application	2021	Article	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2020.11.121
2081	Gomathi, M.; Keerthika, V.	Neutrosophic Fuzzy Threshold Graph	2021	Article	Neutrosophic Sets and Systems	-
2082	Sankaran, Packiaraj	New insight for the estimation of sulfur content from guanidinium tris(thiodipropionato)lanthanate(III) trihydrate: synthesis, thermal, and photoluminescent studies	2021	Article	Monatshefte fur Chemie	10.1007/s00706-020-02729-9
2083	Rajalakshmi, K.	On equitable coloring of extented corona of some graphs	2021	Article	Palestine Journal of Mathematics	-
2084	Gomathi, M.; Keerthika, V.	On β generalized α closed sets in Neutrosophic Topological spaces	2021	Article	Neutrosophic Sets and Systems	-
2085	Natraj, N.A.	Performance evaluation of free space optical link by incorporating the device parameters of quantum cascade laser based transmitter	2021	Article	Laser Physics Letters	10.1088/1612-202X/abdcbc
2086	Ramji Tiwari, M.	Performance evaluation of fuel cell fed electric vehicle system with reconfigured quadratic boost converter	2021	Article	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2020.11.272
2087	Jeyaraj, Mayandi	Photocatalytic degradation of persistent brilliant green dye in water using CeO ₂ /ZnO nanospheres	2021	Article	Process Safety and Environmental Protection	10.1016/j.psep.2021.10.033
2088	Paul, C. Arun	Polymorphism induced magnetic transitions in Ni(OH) ₂ nanostructures	2021	Article	Journal of Magnetism and Magnetic Materials	10.1016/j.jmmm.2021.168364

2089	A, Akash; C, Rajendran; S, Abishek	Prediction of relationship between angular velocity to the pitch line velocity (ω/v) on tensile strength of friction stir welded AA2014-T6 Aluminium alloy joints: Angular velocity to pitch line velocity ratio on FSW joints	2021	Article	Forces in Mechanics	10.1016/j.finmec.2021.100036
2090	Perumal, Ashoka Varthanan	Prediction of weldment mechanical properties in GMAW with robot-assisted using fuzzy logic systems	2021	Article	Materials Research Express	10.1088/2053-1591/ac432a
2091	Palaniraj, Saravanakumar	Properties of concrete having treated recycled coarse aggregate and slag	2021	Article	Revista de la Construccion	10.7764/RDLC.20.2.249
2092	Lakshmi, S. Venkata	Recognition of brain stroke shape using multiscale morphological image processing	2021	Article	Imaging Science Journal	10.1080/13682199.2022.2146877
2093	Kousalya, A.	Reliable service availability and access control method for cloud assisted IOT communications	2021	Article	Wireless Networks	10.1007/s11276-019-02184-3
2094	Patrick, Ananth John; Raghu, A. Francis Alexander	Robust Object Detection and Localization Using Semantic Segmentation Network	2021	Article	Computer Journal	10.1093/comjnl/bxab079
2095	Mahalingam, Viswanathan	Ruthenium(III) hydrazone complexes with triphenylphosphine/triphenylarsine co-ligands: Synthesis, DNA/BSA binding, antioxidative and cytotoxic activity	2021	Article	Inorganica Chimica Acta	10.1016/j.ica.2021.120532
2096	Perumal, Ashoka Varthanan	Shot peening effects on fatigue life, corrosion behavior and surface roughness of low carbon alloy steel	2021	Article	Bulletin of the Polish Academy of Sciences: Technical Sciences	10.24425/bpasts.2020.136214
2097	Sankaran, Packiaraj	Structural and antioxidant properties of guanylhydrazinium pyrazine-2-carboxylate	2021	Article	Journal of Materials Science: Materials in Electronics	10.1007/s10854-021-05489-2
2098	Ramesh, R.	The optimization of reconfigured real-time datasets for improving classification performance of machine learning algorithms	2021	Article	Mathematics in Engineering, Science and Aerospace	-
2099	Rohini., M.	Toward Alzheimer's disease classification through machine learning	2021	Article	Soft Computing	10.1007/s00500-020-05292-x
2100	Dhandayudam, Prabha	Understand students feedback using bi-integrated CRF model based target extraction	2021	Article	Computer Systems Science and Engineering	10.32604/CSSE.2022.019310
2101	Shobana, G.	Utility-based SK-clustering algorithm for privacy preservation of anonymized data in healthcare	2021	Article	Computer Science and Communications	10.2174/2666255813666190920100913
2102	Rajendran, Ezhil Kumar Marimuthu	Vertical transport of PM2.5 and PM10 and its source identification in the street canyons of Chennai metropolitan city, India	2021	Article	Atmospheric Pollution Research	10.1016/j.apr.2020.08.032
2103	Shobanay, G.	Wireless communication without the need for pre-shared secrets is consummate via the use of spread spectrum technology	2021	Article	Journal of Nuclear Energy Science and Power Generation Technology	-
2104	Ponnusamy, Vinoth Kumar	A comprehensive review on sustainable aspects of big data analytics for the smart grid	2021	Review	Sustainability (Switzerland)	10.3390/su132313322

2105	Palaniraj, Saravanakumar	Enhancing the quality of recycled coarse aggregates by different treatment techniques—a review	2021	Review	Environmental Science and Pollution Research	10.1007/s11356-021-16428-3
2106	Duraisamy, Selvakumar	Metal oxide–grafted graphene nanocomposites for energy storage applications	2021	Review	Emergent Materials	10.1007/s42247-021-00215-4
2107	Jagadeep, M.; Madhuraravindh, K.S.; Praneet, S.; Rani, P. Kavitha	A CBRD Technique for Energy Efficient Bandwidth Image Sharing	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441921
2108	Grace, P. Celina; Karthikeyani, S.; Ramasamy, Senthil Ganesh; Sophia, S.; Sowmya, K.; Sudhir, U.S	A Classifier of MR Brain Images through KSVM Optimized with Principal Component Analysis	Jun-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441904
2109	Jothipriya, G.; Kameshwaran, S.; Naveena, K.R.; Rohini., M.	A Comparative Approach to Predict Corona Virus Using Machine Learning	2021	Conference Paper	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS50930.2021.9395827
2110	Murugesan, Vigneshkumar	A Critical Review of Production Distribution Planning Models	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441879
2111	Arumugam, Sajeev Ram; Manoj Stanislaus, Oswalt	A Deep Convolutional Neural Network based Detection System for Autism Spectrum Disorder in Facial images	2021	Conference Paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9641046
2112	Dinesh Kumar, J.R.; Kalaivani, N.; Sanjana, S.; Sankavi, M.; Srivardhini, V.	A Deep Learning Based Multi-model for Early prognosticate of Alzheimer's Dementia using MRI Dataset	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591936
2113	Ramkumar, M.; Sarath Kumar, R.	A Graphical User Interface Based Heart Rate Monitoring Process and Detection of PQRST Peaks from ECG Signal	2021	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-33-4305-4_36
2114	Bakiyaraj, K.; Upadhaya, Binny	A Model to Analyse the Impact of Mobile Phone Utility over Building Human Relationship	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441807

2115	Balamurugan, S.; Dhayanathan, S.; Gopi, S.; Srinivasan, V.P.	A Multi Criteria Decision Making (MCDM) based on TOPSIS and RSM for process improvement in electrical discharge machining of silicon nitride-titanium nitride ceramic composites	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.05.436
2116	Balasubramaniam, Maruthi Shankar; Nanthini, N.; Priya, S. Sasi; Sahoo, Santosh Kumar	A Novel Deep learning and Machine Learning powered approach for Image Forgery Detection	2021	Conference Paper	Proceedings of the 6th International Conference on Inventive Computation Technologies, ICICT 2021	10.1109/ICICT50816.2021.9358484
2117	Subramani, Sivaranjani; Ramya, Karnam Chandrasekhar	A Novel Strategy for Grid Connected Hybrid System utilizing Artificial Neural Networks	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441952
2118	Dinesh Kumar, J.R.; Shabbeer, Priyadharsini	A Novel System for Surgical Gloves Removing and Reusing-IoT Approach	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012071
2119	Devi, D.; Kavin, V.; Keerthana, V.; Lakshmi Prabha, K.R.; Sophia, S.; Devi, D.; Kavin, V.; Keerthana, V.; Lakshmi Prabha, K.R.; Sophia, S.	A Novel method to detect Disease in leaf using Deep Learning Approach	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441892
2120	Krishnasamy, T.	A Novel study on Awareness and Preference of College Students towards Educational Based Mobile Application	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441899
2121	Aakash, R. Jaswanth; Marimuthu, K.; Saranya, N.	A Smart friendly IoT device for women safety with GSM and GPS location tracking	2021	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9676087
2122	Guruprasaadh, T.R.; Mani, Senthilkumar; Subramani, Sivaranjani; Ramya, Karnam Chandrasekhar; Guruprasaadh, T.R.; Mani, Senthilkumar	A Statistical Approach on Opportunities and Challenges in the EV-Mobility for India	2021	Conference Paper	2021 Asian Conference on Innovation in Technology, ASIANCON 2021	10.1109/ASIANCON51346.2021.9544681

2123	Arulkumar, V.	A Survey on Multimedia Analytics in Security Systems of Cyber Physical Systems and IoT	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591754
2124	Majidha Fathima, K.M.	A Survey on Network Packet Inspection and ARP Poisoning Using Wireshark and Ettercap	2021	Conference Paper	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS50930.2021.9395852
2125	Nagajothi, S.; Shamrutha, S.S.; Sreeja, D.; Tejeswini, S.J.	A Transparent Immutable and More Secured Voting System Using Blockchain	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1964/4/042099
2126	Janeera, D.A.; Priya, S. Sasi	A brain computer interface based patient observation and indoor locating system with capsule network algorithm	2021	Conference Paper	Advances in Intelligent Systems and Computing	10.1007/978-3-030-51859-2_23
2127	Babu, A. Pratheesh; Boobalan, S.C.; Nisath, A. Mohamed Thanseer; Srivatsav, V. Aswin	A comprehensive review on strength properties for making Alccofine based high performance concrete	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.01.278
2128	Ajith, R.; Kumar, C. Mahesh; Mourya, J. Sonu; Ranganathan, Soundararajan; Sabarivasan, U.	A novel approach for design and analysis of an all-terrain vehicle roll cage	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.224
2129	Pious, Antonitta Eileen	A study of automatic segmentation of White Matter Hyperintensity for detection of Alzheimer's disease	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1831/1/012003
2130	Kalaivani, K.	A study on the synthesis and characterization methods of Nanomaterials	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.12.1075
2131	Majidha Fathima, K.M.	A survey on evolution of cloud technology and virtualization	2021	Conference Paper	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	10.1109/ICICV50876.2021.9388639
2132	Amrutha, J.; Deepa, S.; Dhatchaiyine, B.M.; Kousika, N.	A system for fake news detection by using supervised learning model for social media contents	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432096

2133	Ashwin, Shri; Dinesh Kumar, J.R.; Raja, E.G.V.; Shabbeer, Priyadharsini; Vickram, T.; Yogesh, B.	A systematic ML based approach for quality analysis of fruits impudent	Mar-2021	Conference Paper	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	10.1109/ICICV50876.2021.9388555
2134	Dinesh Kumar, J.R.; Shabbeer, Priyadharsini; Udaya S. Susmaa Rao, N.; Yogarajalakshmi, S.	AI- ML based approach in plough to enhance the productivity	2021	Conference Paper	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	10.1109/ICICV50876.2021.9388634
2135	Ajaai, R.; Arfana Suraiba, R.; Harini, S.; Priya, S. Sasi	Accident Alert and Ambulance Tracking System	Aug-2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489078
2136	Gowtham, S.; Manoj Kumar, V.; Nandha Kumar, M.; Sadheesh, S.	Adsorption of endosulfan from aqueous solution using graphene clay matrix (GCM)	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.02.466
2137	Kavitha, M.; Suba Ranjani, M.; Theepavishal, Ra; Vishal, A.	Agro Chain - The Life of Wealth in Agriculture	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9442005
2138	Dhandayudam, Prabha	Alleviating NB conditional independence using Multi-stage variable selection(MSVS): Banking customer dataset application	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1767/1/012002
2139	Karthiga, V.; Monica, K.B.; Pooja, R.; Rohini., M.	Alzheimer's Disease Diagnosis Based on Ensemble of Multi-model Convolutional Neural Networks	2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9452964
2140	Abdullah, R. Yasir; Barakkath Nisha, Usman	An Adaptive Anomaly Detection and Fault Diagnosis in Wind Turbine	2021	Conference Paper	Proceedings of 2021 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering, WIECON-ECE 2021	10.1109/WIECON-ECE54711.2021.9829658
2141	Kavya, M.; Kishore, S.; Mohamed Afsal, M.; Shirley, D. Ruth Anita; Sree, B. Kaviya	An Arduino-Based Robotic Arm with Speech Recognition	2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9532857

2142	Vijeya Kaveri, V.	An Automated Security Approach of Image and Video Steganography	2021	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-15-7504-4_42
2143	Azhaguramyaa, V.R.; Janet, J.; Kumar, T. Siva; Sriram, S.; Tharuneshwar, V.	An Efficient Approach towards Surrogate Node Selection for Container Migration in Fog Computing	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9442046
2144	Devarajan, Gunapriya	An Efficient Regenerative Braking System Based on Battery- Ultracapacitor for Electric Vehicles	2021	Conference Paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696557
2145	Barakkath Nisha, Usman	An Efficient Text Summarization Using Term and Inverse Frequency With Key Phrase Identification in Malayalam Language	2021	Conference Paper	Proceedings of 2021 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering, WIECON-ECE 2021	10.1109/WIECON-ECE54711.2021.9829671
2146	Dinesh Kumar, J.R.; Shabbeer, Priyadharsini; Dinesh Kumar, J.R.; Shabbeer, Priyadharsini	An Experiment Analysis on Tracking and Detecting the Vehicle Speed using Machine Learning and IOT	2021	Conference Paper	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	10.1109/STCR51658.2021.9587924
2147	Kaliyaperumal, Balasubramanian; Ranganathan, Soundararajan; Rangasamy, Ramamoorthi; Rengaraj, Jeyakumar	An Experimental Investigation on Hot Cracking and Properties of TIG Welded AA2014 Alloy using Continuous and Pulsed Current	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0262
2148	Balakrishnan, S.	An Exploration of Robotic Process Automation in all Spans of Corporate Considerations	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441996
2149	Arulkumar, V.	An Intelligent Face Detection by Corner Detection using Special Morphological Masking System and Fast Algorithm	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591857

2150	Devi, D.; Karpagam, M.; Sowmiya, K.; Vinesha, P.	An IoT-enabled WSN environment for FoG-Assisted Aggregation Methodology	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591736
2151	Rangasamy, Ramamoorthi; Vignesh, S.	An alternate sleeve design in transtibial prosthetics	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.06.028
2152	Balasubramaniam, Maruthi Shankar	An automatic identification of lung tumor by using CNN network and fuzzy-clustering algorithm	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.915
2153	Lakshmi, N. Subha	An efficient Hardware implementation of modified torque Prescient control scheme for denigration of torque ripple in PMSM	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.503
2154	Karthikeyani, S.	An efficient dynamic key generation architecture for distributed wireless networks	Mar-2021	Conference Paper	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	10.1109/ICICV50876.2021.9388551
2155	Balakrishnan, S.	An embarking user friendly palmprint biometric recognition system with topnotch security	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432230
2156	Dinesh Kumar, J.R.; Shabbeer, Priyadharsini	An experimental investigation to spotting the weeds in rice field using deepnet	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.01.086
2157	Meena, K.; Palaniraj, Saravanakumar; Sivakamidevi, M.; Yamini, S.P.	An experimental study on hybrid fiber reinforced concrete beams subjected to torsion	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.12.1003
2158	Palaniappan, Shanthi	An ontology-based sentiment analysis model towards classification of drug reviews	2021	Conference Paper	CEUR Workshop Proceedings	-
2159	Dinesh Kumar, J.R.; Shabbeer, Priyadharsini	Analysis of CNN Model based Classification of Diabetic Retinopathy Diagnosis	2021	Conference Paper	ICSCCC 2021 - International Conference on Secure Cyber Computing and Communications	10.1109/ICSCCC51823.2021.9478121
2160	Nagarajan, Susila	Analysis of Diabetic Retinopathy and Its Causes Using Fuzzy C-Means Model	2021	Conference Paper	Proceedings of the 2021 4th International Conference on Computing and Communications Technologies, ICCCT 2021	10.1109/ICCCT53315.2021.9711840
2161	Subashini, N.	Analysis of fuzzy priority queues using heptagonal fuzzy numbers	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1831/1/012005

2162	Rani, Soundarapandian Sheeba; Raj, A. Albert	Analysis of silica based prosthetic human teeth using 3D printing machine for dental assistance	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.016
2163	Arasappa, G.P. Saiganesh; Kumaresan, G.; Matthew, M. Shelton; Reji, Arun Kurien; Sarathi, A.	Analysis of thermosiphon working with eco-friendly refrigerant under various fill ratios	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.1013
2164	Shanmugha Priya, P.; Thamaraiselvi, P.	Antecedent Model to study the impact of Organization Behavior over workplace in NBFC Sector	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441764
2165	Lavanya, A.P.	Application of certain Third-order Non-linear Neutral Difference Equations in Robotics Engineering	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1831/1/012001
2166	Balamurugan, S.; Dheen, S. Abith Tamil; Eashwar, S.J.; Gokul, C.; Kumar, N. Arun	Application of grey relational analysis in biodiesel production from linseed oil using novel eggshell catalyst	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.255
2167	Ajay Sarran, M.; Akash, B.; Anandha Krishnan, R.; Asha Banu, S.M.	Arduino Base Ultrasonic Map -Maker	Jun-2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489093
2168	Nanthini, N.; Priya, S. Sasi; Shakthi Sharuni, K.; Shuhaina, A.; Sneka, C.	Arduino Powered Smart Weather Monitoring System	2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9533016
2169	Ramasamy, Senthil Ganesh	Artificial Intelligence Based Smart Facial Expression Recognition Remote Control System	2021	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418031
2170	Balasubramaniam, Maruthi Shankar; Priyanka, G.S.; Ramkumar, M.; Sarath Kumar, R.	Artificial Neural Network-Based ECG Signal Classification and the Cardiac Arrhythmia Identification	2021	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-33-4305-4_34

2171	Aruchamy, Sathishkumar; Ranganathan, Soundararajan; Ranjan Prabakaran, Badma Rani; Siva Krishna, Sneha	Assessment of Tribological Characteristics of Stir Cum Squeeze Cast AlSi7Mg with x wt % Flyash and 3wt % MoS2Hybrid Composites	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28- 0260
2172	Agash, C.P.; Elanchezhiyan, S.; Suresh Kumar, S.; Agash, C.P.; Elanchezhiyan, S.; Suresh Kumar, S.	Augmented Reality with Internet of Things	2021	Conference Paper	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS5093 0.2021.9395941
2173	Kumar, K. Sathish; Ranganathan, Soundararajan; Ratteesh, M.; Shanthosh, G.	Augmenting effect of infill density and annealing on mechanical properties of PETG and CFPETG composites fabricated by FDM	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 0.10.078
2174	Dhivya, A.; Keerthana, S.D.; Krishnan, Aasha J; Muneera Begum, H.	Automated Detection of skin and nail disorders using Convolutional Neural Networks	2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI5124 2.2021.9452959
2175	Aswin, N.; Harish, V.; Jayanth, C.P.; Madhankumar, S.; Manikandan, R.	Automated Moisture Remover for Drying Agricultural Products	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9441812
2176	Anishviswa, N.; Ashok Karthi, G.; Darshan, K.J.; Gowtham Balaji, M.; Thirumarai Selvi, C.	Automated Voice Controlled Car Using Arduino with Camera	Dec-2021	Conference Paper	Proceedings of the 5th International Conference on I- SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I- SMAC52330.2021.9 640688
2177	Hariharan, J.; Lokesh, J.; Prasanth, K.R.; Revanth, R.S.; Sarath Kumar, R.	Automatic Fire Fighting Robot using RPI	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51 865.2021.9591689
2178	Dinesh Kumar, J.R.; Girinath, N.; Shopika, P.K.; Yahzhini, S.T.	Automatic alert for accident detection and rescue based on wireless technology	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS511 41.2021.9432227
2179	Janeera., D.A.; Shirley, D. Ruth Anita	Automatic distributed gardening system using object recognition and visual servoing	2021	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981- 15-7345-3_30

2180	Rani, Soundarapandian Sheeba; Subburaj, Jayasudha	Automatic pollution sensing and control for vehicles using IoT technology	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.12.007
2181	Palaniappan, Shanthi; Rani, Soundarapandian Sheeba	Automatic strain sensing measurement on steel beam using strain gauge	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.274
2182	Ali, Mohammed Vazeer; Kumar, M. Ranjith; Priya, S. Nithya; Swadesh, G.; Thirivikraman, K.M	Autonomous Supermarket Robot Assistance using Machine Learning	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441833
2183	Anish Fathima, B.	Biomedical Image Processing with Improved SPIHT Algorithm and optimized Curvelet Transform Technique	Mar-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441832
2184	Ramasamy, Senthil Ganesh	Biometrics based Smart and Secured Electronic Voting Machine	Nov-2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591865
2185	Rani, K. Sasi Kala; Vishali, S.	Blockchain driven IoT based Delish2Go Decentralized Food Delivery Application	2021	Conference Paper	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS50930.2021.9395873
2186	Arunachalam, Ar. C.; Avanthika, V.T.Y.; Balasubramaniam, Maruthi Shankar; Deepak, S.; Sophia, S.	Bluetooth Low Energy based Indoor Positioning System using ESP32	Sep-2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544975
2187	Rani, Soundarapandian Sheeba; Jayapradha, A.	BoT-IoT based Denial of Service Detection with Deep Learning	2021	Conference Paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9640789
2188	Anitha, P.; Carol Henna, K.J.; Dhanushya, C.; Hari Rithanya, M.	CNN Based Early Identification of Plant Disease Using Leaf Images	2021	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9675913

2189	Kaviarasu, S.; Kumar, S. Ram; Mohammednaheem, F.; Raj, A. Albert; Saran, K.	CNN based Tyre Life Prediction and Defect Identification System	Sep-2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9488961
2190	Rangasamy, Ramamoorthi; Yuvaraj, K.P.	Characterization and surface modification on composites by friction stir processing - A review	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.03.524
2191	Kumar, R. Sarath; Ramkumar, M.	Classification of Brain MRI Images using Multi Kernel Support Vector Machines	2021	Conference Paper	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	10.1109/STCR51658.2021.9587925
2192	Nibin Sabari Anand, N.; Priya, S. Nithya; Ranjith Kumar, M.	Cloud based smart wireless and health care monitoring system	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012035
2193	Nirmal, B.; Nishanth kalathil, P.; Palanivel, R.; Subramanian, R. Siva	Comparative performance analysis of parabolic trough solar collector by varying absorber surface	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.04.248
2194	Ranganathan, Soundararajan	Comparing and Analysing the Static and Thermal Characteristics of Brake Disc for Three Different Materials	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0253
2195	Subburaj, Jayasudha	Comparison analysis of IoT based industrial automation and improvement of different processes - Review	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.338
2196	Karuppasamy, E.	Complementary domination in Single valued neutrosophic graphs	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.04.474
2197	Vignesh, S.	Computational and numerical analysis of radiator with different tube structures and nano fluid as coolant	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.07.605
2198	Anand, Sruthi	Computer aided testing of materials through interfacing device	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.732
2199	Karthikeyan, N.; Sivakumar, M.	Content-Based Image Retrieval Techniques: A Survey	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1964/4/042027
2200	Kumar, J.Sathish; Naomi, J. Fenila; Roshini, G.; Vasanthageethan, A.	Data Privacy Preserving Recommendations for Social Media	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441870

2201	Kumar, R. Narendra; Mohan, K. Chandra; Prakash, P. Gnana; Selvi, C. Thirumarai	Deep Convolution Neural Network and Random Forest Algorithm for BCI based Photo Imagery Learning	2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544857
2202	Dhanush Kumar, R.; Madhankumar, S.; Selvan, T.A.	Design and Development of an Automatic Unmanned Railway Level Crossing Gate	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012005
2203	Ajai, R.; Ajith Kumaran, V.; Aswinkumar, K.; Kannaki, S.; Saktheeswaran, G.	Design and Fabrication of Automated Cloth Pulling Machine for Shed Work	2021	Conference Paper	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	10.1109/STCR51658.2021.9588949
2204	Ananthi, K.; Dharshini, R.M.; Sabarikannan, S.	Design and Fabrication of Color based Automatic Yarn Carrier Sorting Machine	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441995
2205	Ananthi, K.; Rajavel, R.; Sabarikannan, S.; Sridhar, C.; Srisaran, A.	Design and Fabrication of IoT based inventory control system	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441701
2206	Akhileshwaran, K.; Aravindhan, N.; Bhoopesh, D.; Charan, B.; Panneerselvam, S.	Design and Fabrication of Rocker-Bogie Pesti-Bot Using Rotary Mechanism	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441751
2207	Gobhinath, S.; Kaliappan, Lakshmi; Karthikeyan, S.	Design and Implementation of SEPIC Converter Based Nine-Level MLI Fed IM with PI, FLC, and ANN Controller	2021	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-7557-0_51
2208	Akshey, P.B.; Arun Kumar, P.M.; Gurubaran, S.K.M.; Jayabharathi, B.; Kovarthanam, M.; Madhan, K.	Design and Implementation of Secondary Positioner for improving the OEE of Robotic Welding System	2021	Conference Paper	2021 IEEE Indian Conference on Antennas and Propagation, InCAP 2021	10.1109/InCAP52216.2021.9726483
2209	Madhankumar, S.; Muthukkhumar, K.S.R.; Navaneeth, R.A.; Padmanabhan, M.; Shriram, K.M.	Design and Modelling of Automated Hot Oven Food Dehydrator	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441881

2210	Anandraj, P.; Kaleeswaran, K.; Kumar, R. Aravind; Madhankumar, S.; Varadarajan, Anirudh	Design and Modelling of Autonomous Mobile Robot for Material Handling	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441831
2211	Jeyaseelan, R.; Kumaresan, G.; Manikandan, V.; Maran, B. Mani; Rajeshwaran, S.K.; Subramaniana, R. Siva	Design and analysis of air powered vehicle frame	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.06.239
2212	Krishnamoorthy, S.	Design and analysis of sensor centered prostheses for handicaps	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.303
2213	Ananthi, K.	Design and fabrication of Automated mechanism for chemical pre-treatment process in Powder coating	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012009
2214	Indirapriyadharshini, J.; Prince Paul, R.; Saktheeswaran, G.	Design and fabrication of automated oil spraying machine for baking system	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.03.187
2215	Naveen Kumar, S.; Pradeep, K.K.; Prem Kumar, S.; Priya, S. Nithya	Design and fabrication of filament extruder with spooler	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.03.103
2216	Balaji, S.P. Nithin; Bhoopesh, D.; Kannaki, S.	Design and implementation of carry Look ahead generator in reversible logic using nano QCA	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012013
2217	Premnath, Sasi Padma	Design of IoT Network using Deep Learning-based Model for Anomaly Detection	2021	Conference Paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9640700
2218	Abinayaa, S.Sri; Pooranasankari, M.; Raj, A. Albert; Abinayaa, S.Sri; Pooranasankari, M.; Raj, A. Albert	Design of Successive cancellation List Decoding of Polar Codes	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489221
2219	Radhakrishnan, G.; Rani, Soundarapandian Sheeba	Design of Temperature Control in Solid State Fermentation Process for the Production of Enzyme	2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544834

2220	Premnath, Sasi Padma	Design of an Efficient User Interface for Ubiquitous Soft Computing Environment	Sep-2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544966
2221	Nanthini, N.	Design of rectenna for wireless sensor networks	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.905
2222	Gowri, S. Mohana; Sharang Ramana, G.; Sree Ranjani, M.; Tharani, T.	Detection of Telephony Spam and Scams using Recurrent Neural Network (RNN) Algorithm	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441982
2223	Devipriya, S.; Gowri, S. Mohana; Rafeeq, Aysha	Detection of real-time facial emotions via deep convolution neural network	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432242
2224	Brundhavani, G.; Girishkumar, Vishnu; Madhankumar, S.; Prawin Sankar, T.A.; Prince Paul, R.; Shibir Thomas, S.	Development of Mobile Application Incorporating Augmented Reality for E-education and Training Systems	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012016
2225	Balaji, S.P. Nithin; Ben Ruben, R.; Jayasuryaa, J.; Pranav, K.	Development of a Dedicated Framework for Deployment of Circular Economy Strategies in Manufacturing Organizations	2021	Conference Paper	Proceedings of the International Conference on Industrial Engineering and Operations Management	-
2226	Kavin, R.; Kiruthikvaibav, P.R.; Kripanand, R.; Madhu Kumar, C.; Naveen Kaviraj, A.	Dual Axis Smart Solar Tracker Using Arduino	2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9533014
2227	Ramkumar, M.; Sarath Kumar, R.	ECG Cardiac arrhythmias Classification using DWT, ICA and MLP Neural Networks	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1831/1/012015
2228	Jaganathan, Dhiyaneswaran	Early detection of Alzheimer disease using Gadolinium material	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.03.189
2229	Janani, R.	Early detection of glaucoma using optic disc and optic cup segmentation: A survey	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.613
2230	Gopal, Shanthosh; Ranganathan, Soundararajan; Rengaraj, Jeyakumar	Effect of Various Synthetic and Natural Fibers for the Production of Copper-Free Automotive Brake Pads	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0274

2231	Joseph, R. Nova Ajay; Rajendran, Chinnasamy; Rizwaan, M. Mohamed	Effect of artificial ageing on microstructural behaviour of friction stir welded AA2014 aluminium alloy joints	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.02.937
2232	Benruben, R.; Manikumar, R.; Raja, S.	Effect of backing plate on strength and microstructural characteristics of friction stir welded AA2014-T6 aluminium alloy joints	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.02.938
2233	Jeevitha, N.; Kavinraj, M.; Preethi, Gopalakrishnan; Vivekanadhan	Effect of indoor air quality on human health-A review	2021	Conference Paper	AIP Conference Proceedings	10.1063/5.0072656
2234	Priyadarshini, S.	Effective Communication for Intelligent Transport System using Light Fidelity	2021	Conference Paper	2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2021	10.1109/ICAECA52838.2021.9675510
2235	Mani, Senthilkumar	Efficient Battery Monitoring System for E-Vehicles	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9442038
2236	Anuroopa, M.; Dharshini, A.; Durganandini, G.; Hussain, D. Mansoor	Efficient Bone Tumor Detection and Classification using Fuzzy C Means Clustering Algorithm	2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9452876
2237	Raj, A. Albert	Efficient Construction of Successive Cancellation Decoding of Polar Codes using Logistic regression Algorithm	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1998/1/012010
2238	Palaniraj, Saravanakumar	Efficient Utilization of Recycled Concrete Aggregates for Structural Applications—An Experimental Study	2021	Conference Paper	Lecture Notes in Civil Engineering	10.1007/978-3-030-55115-5_52
2239	Abishek, S.R.; Akash, G.; Gowthamani, R.; Kavin Kumar, A.; Rani, K. Sasi Kala	Efficient detection and prediction of flood severity using machine learning algorithm	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.04.571
2240	Saranya, G.	Efficient model for IoT based railway crack detection system	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.743
2241	Ramkumar, M.; Sarath Kumar, R.	Electrocardiogram Signal Classification for the Detection of Abnormalities Using Discrete Wavelet Transform and Artificial Neural Network Back Propagation Algorithm	2021	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-16-0289-4_36

2242	Dinesh Kumar, J.R.; Senthamilselvan, M.; Shabbeer, Priyadharsini; Sounddar, V.; Srikanth, A.	Elegant method to improve the efficiency of remotely located solar panels using IoT	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 1.01.572
2243	Karthik, V.	Energy efficient distance based clustering protocol for heterogeneous wireless sensor networks	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 0.11.339
2244	Abishek, S.R.; Aravindh, R.; Edwin Raj, K.; Soundari, D.V.	Enhanced security feature of ATM's through facial recognition	May-2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS511 41.2021.9432327
2245	Aruchamy, Sathishkumar; Ganapathy, Sakthivel; Kalidasan, Reshvanth; Ranganathan, Soundararajan	Enhancement in Tribological Properties of Squeeze Casted A356 Alloy through T6 Heat Treatment Process	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28- 0265
2246	Soundari, D.V.	Enhancing network-on-chip performance by 32-bit RISC processor based on power and area efficiency	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 0.11.550
2247	Pradeep, I.	Ethical hacking and penetration testing for securing us form Hackers	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742- 6596/1831/1/01200 4
2248	Ranganathan, Soundararajan	Evaluating the Mechanical Behavior of Fused Deposition Modeling Parameters of Raster Angle and Layer Thickness Effects on As-Built and Annealed Polymer Associated Composites	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28- 0283
2249	Aagash, C.; Ganesh, A.; Jaganathan, Baskaran; Krishna, S. Gopi; Raghuvaran, P.	Evaluation of mechanical properties of Al7075-SiC composites fabricated through stir casting technique	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 0.09.191
2250	Aruchamy, Sathishkumar; Kumar, K. Sathish; Ranganathan, Soundararajan	Evolution of A356 with Flyash Composites on Metallurgical Mechanical and Tribological Behaviour under Dry and Wet Conditions	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28- 0272
2251	Krishnan, Loganathan Navaneetha	Evolution of Outcome Based Engineering Education in India - A Case Study	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9441676

2252	Ramya, Karnam Chandrasekhar	Execution of smart electric vehicle charging station driven by RE technology	2021	Conference Paper	2021 IEEE Mysore Sub Section International Conference, MysuruCon 2021	10.1109/MysuruCon52639.2021.9641653
2253	Ramya, Karnam Chandrasekhar	Execution of smart electric vehicle charging station driven by RE technology using soft computing approach	2021	Conference Paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696545
2254	Balasubramanian; Ranganathan, Soundararajan; Rangasamy, Ramamoorthi; Rengaraj, Jeyakumar; Subramanian, Vignesh	Experimental Estimates on Performances of Hybrid-Bio Fiber / Powder Strengthened Composite Structure	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0276
2255	Natarajan Phd, Balaji; Ranganathan, Soundararajan	Experimental Study on SS 304 Sheet Metal for Bending Process Optimization using Response Surface Method	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0268
2256	Janet, J.; Lakshmi, S. Venkata; Rani, P. Kavitha	Experimental analysis for moisture sensing system on silica sand using IoT approach	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.837
2257	Harikrishna, A.P.; Menon, Archit S.; Mukundhan, Ajaykrishnan; Parappadi, Jitesh J.; Reji, Arun Kurien	Experimental analysis of a four slope solar still augmented with a parabolic reflector array with V-shaped mirror arrangement for pre-heating brackish water	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.036
2258	Jayapradha, A.	Experimental analysis on effect of infrared light source for moisture content test of silica sand	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.268
2259	Rani, K. Sasi Kala; Vijayalakshmi, R.	Experimental evaluations of malicious node detection on wireless sensor network environment	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432131
2260	Boobalan, S.C.; Maruthachalam, D.; Boobalan, S.C.; Maruthachalam, D.	Experimental investigation on grades of cement in the nominal and design concrete mixes	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012169
2261	Balamurugan, S.; Darshan, S. Devva; Prabhu, A.B. Dhanush; Srinivasan, V.P.	Experimental investigation on ultrasonic metal welding of copper sheet with copper wire using Taguchi method	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.02.100

2262	Narasimharaj, Venugopal	Experimental study of mechanical properties of AA6061 and AA7075 alloy joints using friction stir welding	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.04.628
2263	Ranganathan, Soundararajan	Exploration on WEDM process parameters effect on LM13 alloy and LM13/SiC composites using Taguchi method	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.03.050
2264	Selvi, C. Thirumarai	FPGA Based Efficient IEEE 754 Floating Point Multiplier for Filter Operations	2021	Conference Paper	Communications in Computer and Information Science	10.1007/978-981-16-5048-2_30
2265	Rajamanickam, Arun Kumar; Surya, K.	Fabrication of Paddy Transplanter Machine	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012064
2266	Madhankumar, S.; Mayilswamy, Suresh; Sabarish, R.; Suryakumar, H.; Ummer Farook, A.	Fabrication of Pineapple Peeling Machine Using Pneumatic Solenoid Valve	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012038
2267	Bagavathy, S.	Frequency measurement through electric network analyzer for ultrasonic machining of steel	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.08.629
2268	Gowtham, M.; Harish Gokul, R.; Kumar N, Akil; Lakshmi N, Subha; Sethupathi K, Bashkara	Fuzzy Logic Controller Based Speed Ripple Reduction in PMSM	2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9533006
2269	Geetha, D. Mohana	Gain Enhancement of Circular Patch Antenna using SRR Array	2021	Conference Paper	2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2021	10.1109/ICAECA52838.2021.9675499
2270	Geethamani, R.; Ragavi, R.; Rakshana, P.; Raveena, P.	Garbage Management System	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441922
2271	Balasubramaniam, Maruthi Shankar; Ramasamy, Senthil Ganesh; Vidhya, B.	Glaucoma Detection with Fully Convolutional Neural Network using Optic Disc and Segmentation Methods	Mar-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441545
2272	Aventhika, K.; Deepashri, V.; Vinod, V. C. Binsha; Visvesvaran, C.	Greenhouse Monitoring and Control System based on IOT	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591775

2273	Karthikeyan, S.; Mouli, M.; Nigila, P.; Pavithra, T.; Ramya, R.	Hardware design of Multi Input and Multi Output MIMO Converter	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9442009
2274	Veerubommu, Ragavi	Harnessing I4.0 Technologies for Climate Smart Agriculture and Food Security	2021	Conference Paper	ACM International Conference Proceeding Series	10.1145/3508072.3 508175
2275	Anandkumar, S.; Dhayalan, R.; Ezhilbharathi, P.; Gobhinath, S.; Haridharan, R.	Human Brain Tumor Detection and Classification by Medical Image Processing	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9441877
2276	Aditya, K.; Duraishamy, Selvakumar; Kalyana Rangan, V.; Karthika, S.; Kumar, Anand Anil	IOT BASED CROP PROTECTION SYSTEM	Aug-2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES513 50.2021.9489031
2277	Kavya, R.; Monika, P.; Pooja, S.; Soundari, D.V.	IOT Based Surveillance and Health Monitoring System for Elderly and Physically Challenged People	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES513 50.2021.9489185
2278	Gurupriya, R.; Ilakkiya, B.; Kaavya, S.J.; Priya, S. Sasi	IOT enabled Smart home and health monitoring System	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES513 50.2021.9488984
2279	Premnath, Sasi Padma	Image Denoising Using Various Image Enhancement Techniques	2021	Conference Paper	Advances in Intelligent Systems and Computing	10.1007/978-981- 15-5566-4_16
2280	Narayanan Kannaiyan, Geetha; Veerubommu, Ragavi	Impact of Artificial Intelligence in the field of Health Care	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742- 6596/1831/1/01200 6
2281	Aruchamy, Sathishkumar; Ganapathy, Sakthivel; Kalidasan, Reshvanth; Ranganathan, Soundararajan	Impact of Post Processing Methods on the Mechanical Properties of Squeeze Casted A356 Alloy	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28- 0266

2282	Gobhinath, S.; Sophia, S.	Implementation of Real Time Static Hand Gestures Recognition for Sign Language	Mar-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441941
2283	Geethamani, R.; Jeevarathinam, R.; Kumaar, S. Navin; Murugappan, S.; Pavankalayan, S.	Implementation of Smart Agricultural Monitoring System Using Raspberry Pi	2021	Conference Paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696484
2284	Savitha, B.; Soundari, D.V.; Sreegayathre, M.; Tharani, P.	Improved energy efficiency of massive MIMO-OFDM	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432385
2285	Sri Ragupathy Ram, A.; Supraja Arasu, T.; Vidhya, B.; Yogeshraj, N.	Improved Microstrip Patch Antenna for 5G Applications	Jun-2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9452931
2286	Arun, S.; Babin, M.; Balamurugan, D.; Barath Raj, K.J.; Gunasekaran, K.N.	Influence of Pitting Corrosion on TIG Welded Joints of AA2024 Aluminum Alloy Joints	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/2115/1/012052
2287	Parthiban, G.; Pranav, K.; Rajendran, Chinnasamy	Influence of Solution Treatment and Artificial Aging on Fracture Load of Friction Stir Welded Lap Joints of AA2014-T6	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012037
2288	Murugan, K R. Senthil; Roshni, R.	Intelligent Accident Prevention and Detection for Four -Wheeler	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489046
2289	Balasubramaniam, Maruthi Shankar; Girinath, N.; Janani, B.; Jothiga, V.; Madhumitha, R.; Megha, N. R. Mirthula; Sri, M Harshita	Intelligent Irrigation System for Temperature and Moisture Monitoring	2021	Conference Paper	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	10.1109/STCR51658.2021.9588970

2290	Sujitha, A.; Sumitha, G.; Sureka, A.S.; Vijayakumar, Nandalal	Intelligent Multi-Utility Shoe for Visually Impaired Persons	Nov-2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591728
2291	Aswin, G.; Balakrishnan, S.; Hameed, M. Syed Shahul; Venkatesan, K.	Interaction of Spatial Computing in Augmented Reality	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9442010
2292	Balasubramaniam, Maruthi Shankar	Internet of Things based Smart Flood forecasting and Early Warning System	May-2021	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418331
2293	Arivarasan, A.; Chidambaram, P.; Dinesh Kumar, J.R.; Raja, J. Karthick; Ramasamy, Balaji Venkatesalu	Internet of Things based Smart Health Care System using LoRa	Nov-2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591851
2294	Madhan Kumar, L.R.; Naveen Kumar, K.; Priya, S. Sasi; Raghuram Krishnan, R.	Intrusion Detection System in Web Applications (IDSWA)	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432086
2295	Dinesh Kumar, J.R.; Shabbeer, Priyadharsini	Intuitive and Impulsive Pet (IIP) Feeder System for Monitoring the Farm Using WoT	2021	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-33-4355-9_11
2296	Revathy, P.	Inverse domination in bipolar fuzzy graphs	May-2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.04.472
2297	Ranganathan, Soundararajan; Sathishkumar, K.; Shanthosh, G.	Investigation of A413 alloy with reinforcement of SiC and flyash hybrid composites by stir cast cum forged process on electric vehicle In-wheel motor casing	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.03.048
2298	Vignesh, S.	Investigation of Al ₂ O ₃ -water nano fluid flow through the circular tube	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.03.253
2299	Gopal, Shanthosh; Ranganathan, Soundararajan	Investigation of High-Velocity Oxy-Fuel Thermal spray Coating over Mild Steel Surface as Replacement for Stainless Steel Material	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0261

2300	Aravinth, Vishaal; Gunasekaran, K.N.; Kumaran, C.B. Muthu; Madhankumar, K.	Investigation of mechanical properties of PLA printed materials under varying infill density	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.041
2301	Kumar, S. Puvanesh; Ramprakash, M.P.; Ranganathan, Soundararajan; Ratteesh, M.; Vel, T. J. Muthu	Investigation of metallurgical and mechanical behavior of forged aluminium alloy hybrid composites	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.075
2302	Lakshmi, S. Venkata; Shree, V.Suba; Swadthi, N.G.; Swethamura, M.	Investigation on Bitcoin Prognosis	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441794
2303	Akilesh, A.R.; Gokulkumar, N.T.; Krishnaa, S. Dinesh; Kumar, S. Ranjith	Investigation on corrosion behaviour of aluminium 6061-T6 alloy in acidic, alkaline and salt medium	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.079
2304	Lakshmi, N. Subha	Investigations on Finite Element Analysis of Permanent Magnet Synchronous Motor Using ANSYS RMxprt and Maxwell for Electric Vehicle Applications	2021	Conference Paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i-PACT 2021	10.1109/i-PACT52855.2021.9696899
2305	Asha Banu, S.M.; David, Manoj Abishek; Siddarth; Star, Samuel Dlvine; Venkatesh, Sethu	IoT Based Air Quality System	Aug-2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9532626
2306	Boobalan, S.; Celva Choudri, M.; Gowtham, V.; Gunasekar, N.; Haari, V.S.	IoT Based Energy Monitoring and Outage Reporting	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441894
2307	Ramasamy, Senthil Ganesh	IoT Based Smart Energy Forecasting and Data Logging System	2021	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418281

2308	Geethamani, R.	IoT Based Smart Greenhouse for Future using Node MCU	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441708
2309	Rani, Soundarapandian Sheeba; Pritima, D.	IoT Secure Framework for Wearable Sensor Data for E-health System	2021	Conference Paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9640977
2310	Aadithiya, T.; Abbiram, V.M.; Deeraj Kumar, M.; Malini, T.; Ravishankar, G.	IoT and LORA Based Substation Monitoring and Control System	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489173
2311	Pious, Antonitta Eileen	IoT based Automation of Hydroponics using Node MCU Interface	2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544637
2312	Rani, Soundarapandian Sheeba; Pritima, D.	IoT based Industry Automated Sheet Metal Feeder	2021	Conference Paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9640826
2313	Devi, D.; Kirthana, T.S.; Monalisha, K.; Pavithra, M.; Pooja, S.; Devi, D.; Kirthana, T.S.; Monalisha, K.; Pavithra, M.; Pooja, S.	IoT based Safety System for Women	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489080
2314	Karthikeyan, J.; Kingson Kumar, M.; Mohammed Rinish, A.; Nishanth, S.; Sudha, R.; Visvesvaran, C.	IoT based Smart Baby Monitoring	Aug-2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9532997
2315	Aruchamy, Mohanraj	IoT based smart drainage monitoring and cleaning system for solid waste materials	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.940
2316	Pious, Antonitta Eileen	IoT based smart machinability system and performances of MRR on Haynes alloy	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.131
2317	Sophia, S.	IoT based stir casting system of aluminium MMC	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.803

2318	Malini, T.	IoT control and layer formation of FDM on polycarbonate based aluminium	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.798
2319	Bagavathy, S.; Rani, Soundarapandian Sheeba	IoT enabled Framework for Wearable Medical Sensor Data	2021	Conference Paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9640758
2320	Rani, Soundarapandian Sheeba	IoT enabled temperature sensing system of molten metal in welding	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.124
2321	Arumugam, Darshan R.; Karuppasamy, Ajay; Mani, Harish; Soundiran, Gokul	IoT temperature and mask scan entry for covid prevention	2021	Conference Paper	AIP Conference Proceedings	10.1063/5.0073196
2322	Hemanth, S.; Marithai, R.; Nivetha, M.; Ramya, Karnam Chandrasekhar	LPG Leakage Detector with Smart SMS Alert using Microcontroller	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489037
2323	Camillus, P.; Dinesh Kumar, P.; Hariharan, Aravindha; Sivabalan, K.N.	LSAF: A Novel Comprehensive Application and Network Security Framework for Linux	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441792
2324	Anand, Sruthi; Elwin J., Granty Regina	Localization and identification of copy-move forgery using SIFR and FQRHFM	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432132
2325	Azhaguramyaa, V.R.	Location-aware security system for smart cities using iot	2021	Conference Paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-3383-9_51
2326	Raj, A. Albert; Rincy, A.R.; Sree, Jayanthi; Sruthi, S.; Yazhini, K.; Raj, A. Albert; Rincy, A.R.; Sree, Jayanthi; Sruthi, S.; Yazhini, K.	Logistic Regression Based Conveyor Control for Material Handling Process	2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9532980
2327	Shobana, G.	Loss reduced network using sensorless bldc motor	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432139

2328	Pramitha, G.; Soundari, D.V.; Swetha, S.; Thrisha, S.	MESH ENABLED IOT BASED SMART DEVICE for ATHLETES	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES513 50.2021.9488923
2329	Edwin, Lydia; Gilbert, Edwin Prem Kumar	Machine Learning Algorithms for Modelling Agro- climatic Indices: A Review	2021	Conference Paper	Smart Innovation, Systems and Technologies	10.1007/978-981- 16-1502-3_3
2330	Palaniappan, Shanthi	Machine Learning Algorithms in 5g Cellular Network for Efficient Cognition	2021	Conference Paper	Proceedings of the 2021 4th International Conference on Computing and Communications Technologies, ICCCT 2021	10.1109/ICCCT533 15.2021.9711802
2331	Indhumalar, M.; Joshiba, J.; Karthika, K P; Saranya, G.	Machine Learning Powered Smart Dumpster Monitoring and Clearance System	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES513 50.2021.9489123
2332	Bagavathi, C.	Machine Learning for Interpretation of Brain Images: A Detailed Analysis through survey	Feb-2021	Conference Paper	Proceedings - IEEE 2021 International Conference on Computing, Communication, and Intelligent Systems, ICCCIS 2021	10.1109/ICCCIS10 04.2021.9397238
2333	Aasikaa, C.M.R.; Akshaya, J.; Ashwini, A.; Dhyakesh, S.; Nithesh, M.; Supraja, S.; Vivitha, S.	Mask R-CNN for Instance Segmentation of Water Bodies from Satellite Image	2021	Conference Paper	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030- 47560-4_24
2334	Jayapradha, A.	Mathematical modeling and investigation on aluminium bronze MMC using ECM process	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 0.09.726
2335	Aravinth, Vishaal; Ranganathan, Soundararajan; Ranjith, S.; Vallarasu, M.	Mechanical and tribological behavior of friction stir welded joint on AA 8011 at diverse strengthening condition through post processing	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 0.03.035
2336	Ranganathan, Soundararajan; Ali, L. Feroz; Jeyasurya, S.; Kovarthanam, M.; Prasath, S. Naveen	Metallurgical assessment of AA7075 - T6 with x wt% tungsten carbide nanoparticle surface composites processed by FSP route	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.202 0.10.003

2337	Sathishkumar, Prince Edward, Jerald Immanuel; Ranganathan, Soundararajan; Venkitkumar, Nishanth	Microstructural Changes and Mechanical Properties Upgrading over Friction Stir Processing Strategies on A356 Alloy with Tungsten Nano Particle Surface Layer Composites	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0269
2338	Immanuel; Ranganathan, Soundararajan; Venkitkumar, Nishanth	Microstructure and Tribological Characteristics of the Cast A356 with Tungsten Nanoparticles-Based Surface Layer Composite Developed by Friction Stir Processing Route	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0267
2339	Gowtham, S.; Ram Balaji, K A; Ramasamy, Balaji Venkatesalu; Ravirahul, B M; Surya, S.	Mind Wave Controlled Assistive Robot	Mar-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441684
2340	Balu Mahandiran, S.; Murugesan, Vigneshkumar; Perumal, Ashoka Varthanan; Sekar, P.; Vijay Prakash, G.	Multi-objective optimization of process parameters in dry sliding wear characteristics of Al/sic composites using Taguchi grey relation analysis	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.133
2341	Janeera., D.A.; Krishor Kumar, M.; Mukilan Raja, K.; Pravin, U K R	Neural Network based Real Time Sign Language Interpreter for Virtual Meet	2021	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418238
2342	Kalins, B.	Numerical investigation on laser welding of titanium plates	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.118
2343	Narayanan Kannaiyan, Geetha	On Numerical Modeling and Flow Analysis of Piston Bowl Geometry of a Compression Ignition Engine	2021	Conference Paper	Lecture Notes in Mechanical Engineering	10.1007/978-981-33-4466-2_18
2344	Logapriya, B.	Optimal process characteristics of melting of polyisoprene	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.836
2345	Aravind Nachiappan, S.; Ashwin, R.; Aswin, L.; Bhaveshkumar, C.; Rajesh, Appasamy	Optimization of FSW Process Parameters to Yield Maximum Shear Fracture Load of AA2024 Aluminum Alloy Joints	2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/2115/1/012046

2346	Haribabu, L.; Madhubalan, R.; Perumal, Ashoka Varthanan; Yuvaraj, K.P.	Optimization of FSW tool parameters for joining dissimilar AA7075-T651 and AA6061 aluminium alloys using Taguchi Technique	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.02.942
2347	Madhankumar, S.; Tazmeel Ahamed, S.; Tharun Sri Ram, N.; Venuprasath, S.	Optimization of Material Removal Rate and Surface Roughness for Micro ECM of Inconel 718 alloy utilizing Grey Relational Technique	2021	Conference Paper	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/1059/1/012008
2348	Anudeep, S.; Balamurugan, S.; Gokul, V.; Krishnaa, S. Dinesh; Kumar, S. Ranjith; Srinivasan, V.P.	Optimization of machine machining parameters in EDM of silicon nitride-titanium nitride based on RSM	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.05.429
2349	Mani, Vinosh; Raj, T. Nithish	Optimization of sheet metal resistance spot welding process fixture design	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.08.567
2350	Elwin J., Granty Regina	Optimization of system and piezoelectric effect on PZT crystal	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.475
2351	Kalins, B.	Parametric optimization and spark erosion behaviours of synthesized niobium composite	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.021
2352	Durgashree, M.; Indhumathi, G.; Janani, J.; Kaavya, S.J.; Visvesvaran, C.	Patrol Control System Using AI	2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9452858
2353	Janeera, D.A.; Muneera Begum, H.; Shirley, D. Ruth Anita; Tephila, M. Benedict	Performance Analysis in Cognitive Radio using Multirate Asynchronous Sub-Nyquist Sampling System	2021	Conference Paper	Proceedings of the 5th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I-SMAC52330.2021.9640734
2354	Dinesh Kumar, J.R.; Karthi, S.P.; Ramasamy, Balaji Venkatesalu; Shabbeer, Priyadharsini	Performance Analysis of Smart Intravenous Infusion Systems using Machine Learning	2021	Conference Paper	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	10.1109/STCR51658.2021.9588997
2355	Kumar, A. Ramesh; Ponnusamy, Vinoth Kumar; Ramji Tiwari, M.	Performance Analysis of Solar Connected Fly-Back Boost C-onverter for Electric Vehicle applications	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441688

2356	Adhithyan, S.; Kishoor, H.S.; Monish, M.; Muthukumar, K.; Panneerselvam, S.	Performance Comparison of Domestic Refrigeration System with Latent Heat Storage Materials	2021	Conference Paper	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	10.1109/STCR51658.2021.9588998
2357	Lakshmi, N. Subha	Performance Enhancement of Permanent Magnet Synchronous Motor Employing Iterative Learning Controller with Space Vector Pulse Width Modulation	2021	Conference Paper	Lecture Notes in Electrical Engineering	10.1007/978-981-15-7241-8_9
2358	Kaliappan, Lakshmi; Pavithra, Y.	Performance analysis of grid connected modified z-source high step up inverter for solar photovoltaic system	2021	Conference Paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5285-4_56
2359	Ajith, R.; Anudeep, S.; Gowthamaan, K.K.; Sabarivasan, U.; Subramaniana, R. Siva	Performance analysis of modified solar still integrated with flat plate collector	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.06.409
2360	Reji, Arun Kurien; Saiganesh Arasappa, G.P.; Sarathi, A.; Shelton Matthew, M.; Suriya Kumar, R.	Performance analysis of thermosyphon heat pipe using aluminum oxide nanofluid under various angles of inclination	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.04.247
2361	Premnath, Sasi Padma	Performance and optimization of parameters on rubber punching process	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.275
2362	Muthukumar, K.	Performance based algorithm for DWT and DCT for ISL	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.639
2363	Dinesh Kumar, J.R.; Karthi, S.P.; Ramasamy, Balaji Venkatesalu; Shabbeer, Priyadharsini	Performance investigation of various sram cells for iot based wearable biomedical devices	2021	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-15-7345-3_49
2364	Duraisamy, Selvakumar; Marepally, Bhanu Chandra; Duraisamy, Selvakumar; Marepally, Bhanu Chandra	Performance of TiO ₂ , Cu-TiO ₂ , and N-TiO ₂ nanoparticles sensitization with natural dyes for dye sensitized solar cells	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.09.281
2365	Aruchamy, Sathishkumar; Soundarrajan, Karthik	Physio - Mechanical and Chemical Behaviour of Surface Modified Coconut Inflorescence Fiber	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0275

2366	Arul Praveen, T.; Vignesh, T.	Pipeline for Development of 3 Dimensional motion animation using the 2 Dimensional video	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9442059
2367	Radhika, A.	Power Conversion in PMSG Wind Energy Conversion Systems using Trans Z Source Inverter	2021	Conference Paper	2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation, ICAECA 2021	10.1109/ICAECA52838.2021.9675633
2368	Arumugam, Sajeev Ram; Manoj Stanislaus, Oswalt	Prediction of Autism Spectrum Disorder in Children using Face Recognition	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591679
2369	Kousalya, A.	Predictive Analytics on Diabetes Data using Machine Learning Techniques	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441972
2370	Ashwadha, J.; Balasubramaniam, Maruthi Shankar; Bharathi, S. Dhivya; Kumar, G Jayakrishna	Preliminary pulse and temperature testing	Sep-2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9532760
2371	Ben Ruben, R.; Sai Deepesh, J.; Srikant, J.; Thirumurugan, S.; Venkata Krishnan, R.	Prioritization of enablers supporting deployment of Lean Six Sigma with sustainability considerations: An ISM based approach	2021	Conference Paper	Proceedings of the International Conference on Industrial Engineering and Operations Management	-
2372	Elwin J., Granty Regina	Process automation through internet of things on copper coating process of stainless steel	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.701
2373	Archith, K.; Ganesh, S.; Pradeep, K.; Priya, A.	Projection of Malignant Tumor of the Cervix using Machine Learning	2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9453044
2374	Amruthavarshni, R.B.; Durainathan, A.; Karthika, M.P.; Shirley, D. Ruth Anita	QR-Based inventory management system (QR-IMS) of passenger luggage using website	May-2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432384
2375	George, Ignisha Rajathi	Quality of Transmission Improvement in Underwater Wireless Sensor Nodes using Compressive Sensing	2021	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418020

2376	Balasubramaniam, Maruthi Shankar; John Bharath Kumar, I.J.; Kaviya, S.; Monika, K.; Visvesvaran, C.	Quarcare - IoT Based Patient Health Monitoring System	Sep-2021	Conference Paper	Proceedings of the 2nd International Conference on Electronics and Sustainable Communication Systems, ICESC 2021	10.1109/ICESC51422.2021.9532652
2377	Gomathy, Vel Murugan; Kaliappan, Lakshmi; Kavin, R.; Kesavan, T.; Mani, Senthilkumar; Rani, Soundarapandian Sheeba	Quick search optimization algorithm-based implementation of virtual power plant for distribution network	2021	Conference Paper	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5029-4_21
2378	Dinesh Kumar, J.R.; Karthi, S.P.; Ramasamy, Balaji Venkatesalu; Sathiya Priya, J.	Radial basis function neural network based speech enhancement system using slantlet transform through hybrid vector wiener filter	2021	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981-15-7345-3_61
2379	Pradeep, S. Sabapathy; Raj, N. Naveen; Ranganathan, Soundararajan	Regeneration of Waste Energy from Tire Strain and Rapid Charging through Super-Capacitor for Electric Vehicles	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0278
2380	Preethi, N.	Regular Domination in Various Fuzzy Graphs	Jul-2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1947/1/012054
2381	Anandkumar, V.; Diwakaran, M.; Sivabalan, K.N.	Research Challenges in Future Internet of Things (IoT) Applications and Technologies	2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9452808
2382	Bhuvaneswari, M.; Priya, S. Sasi	Resource Allocation by Fuzzy Based Cluster Using Greedy Algorithm for Secure Communication	2021	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9675912
2383	Karthikeyan, S.; Krishna Prakash, P.; Logesh Krishna, K.; Poovarasan, V.	Review on Powering an Automated Teller Machine using Vertical Axis Wind Turbine and Solar Energy	2021	Conference Paper	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS50930.2021.9395907
2384	Janet, J.; Lakshmi, S. Venkata; Rani, P. Kavitha	Role and applications of IoT in materials and manufacturing industries - Review	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.939

2385	Kavin, R.; Rani, Soundarapandian Sheeba	Role of sensor technology in liquid level measurement of molten metal	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.126
2386	Priya, G. Vishnu; Selvi, C. Thirumarai; Subhasini, B.; Yogeswari, M.	Role of wireless wearable technologies in recent advancements	2021	Conference Paper	Proceedings of the 3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, ICICV 2021	10.1109/ICICV50876.2021.9388572
2387	Gokulavasan, S.; M J, Hari Priya; Senathipathi, K.	SIGPID for Machine Learning based Android Malware Detection	2021	Conference Paper	Proceedings of the 5th International Conference on Trends in Electronics and Informatics, ICOEI 2021	10.1109/ICOEI51242.2021.9452948
2388	Naomi, J. Fenila; Shivaani, V.; Sri Devi Abhirami, V.; Thiruvarasu, T.	Scrutinizing Students Performance using Machine learning	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9442030
2389	Vijayakumar, Nandalal	Secure E-Health using Images Steganography	Mar-2021	Conference Paper	Journal of Physics: Conference Series	10.1088/1742-6596/1917/1/012016
2390	Balasubramaniam, Maruthi Shankar; Karthik, V.; Surya, V.; Vetrivel, R.; Vijayakumar, Nandalal; Zameer, R.	Self distancing tracker to prevent COVID - 19 by facial recognition using OpenCV	2021	Conference Paper	Proceedings of the 5th International Conference on Electronics, Communication and Aerospace Technology, ICECA 2021	10.1109/ICECA52323.2021.9675997
2391	Mathan, S.; Rajaraman, R.; Ravi Shankar, G.; Sophia, B.	Semantic Approach to Live Data Mining Using Clustering Technique	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9442049
2392	Shabbeer, Priyadharsini	Sensor based health monitoring and controlling of vehicle using IoT	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.903
2393	Priyadharshini, M.; Ramasamy, Balaji Venkatesalu; Suruthi, R.; Thrisha, R.	Sign Speaks-An IoT Based Smart Gloves for Dumb	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489184

2394	Arun Kumar, P.M.; Muthu, N.; Prathuman, V.G; Sadham Ukkashi, A.M; Vyshnav Achuthan, P.V	Simultaneous Localization and Mapping Technique Based Autonomous Lawn Mower	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9441727
2395	Anandapoorani, K.; Anitha, K.; Divyadharshini, R.; Gobhinath, S.; Sri, D. Dhivya	Simultaneous Localization and Mapping [SLAM] of Robotic Operating System for Mobile Robots	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9441758
2396	Anish Fathima, B.; Gautham, P.; Gowri Mahalakshmi, B.; Jahangir Jamadar, S.K.	Smart Architecture for Diabetic Patients Using Machine Learning	Mar-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9441985
2397	Amruthamathi, A.; Motheswar, N.M; Pavithra, D.; Surabhi, P.S.; Thirumarai Selvi, C.	Smart Authentication of Documents Using RFID and Fingerprint Modules	Mar-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9441851
2398	Janeera., D.A.; Nivetha, S.; Poovizhi., H.; Sheik Haseena, S.S.	Smart Embedded Framework using Arduino and IoT for Real-Time Noise and Air Pollution Monitoring and Alert system	2021	Conference Paper	Proceedings - International Conference on Artificial Intelligence and Smart Systems, ICAIS 2021	10.1109/ICAIS5093 0.2021.9396041
2399	Jafrin, S.; Niresh Kumar, K.; Sundaram, K Meenakshi; Vasan S, Murugananda Sri Sabari; Visvesvaran, C.	Smart Greenhouse Monitoring System using Wireless Sensor Networks	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51 865.2021.9591680
2400	Arasu Nachiapan, S.; Arvinthlakkshman, M.V.; Ashwanth, B.; Karthi, S.P.	Smart Health Monitoring System Using ANN Algorithm	Aug-2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES513 50.2021.9489239
2401	Akash, A.; Dharaneesh, S.; Guru, K.; Hariram, S.; Karthi, S.P.	Smart Information Display System	Oct-2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA515 32.2021.9545023

2402	Dinesh Kumar, J.R.; Ram Prakash, M.; Ramasamy, Balaji Venkatesalu; Sriram, S.; Vasim Hushain, S.; Vijay Karthick, R.	Smart Lane for Cars using Piezoelectric Devices	2021	Conference Paper	Proceedings of the 5th International Conference on I- SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2021	10.1109/I- SMAC52330.2021.9 640671
2403	Mani, Senthilkumar	Smart Monitoring System for Leakage Current and Excess Power Harvesting System for Industrial Applications	2021	Conference Paper	3rd IEEE International Virtual Conference on Innovations in Power and Advanced Computing Technologies, i- PACT 2021	10.1109/i- PACT52855.2021.9 696585
2404	Karthik, S.; Sujatha, Sujin John Bright	Smart On-board Vehicle-to-Vehicle Interaction Using Visible Light Communication for Enhancing Safety Driving	2021	Conference Paper	Lecture Notes in Networks and Systems	10.1007/978-981- 33-4305-4_19
2405	Saranya, G.; Vidhya, B.	Smart Posture Detector Using IOT	2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES513 50.2021.9489099
2406	Jayasuriya, V.; Karthikeyan, S.; Krishnan, Loganathan Navaneetha; Prasanth, J.; Shankara Saravanan, R.	Smart Substation Monitoring and Control	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51 430.2021.9442002
2407	Ramasamy, Senthil Ganesh; Sruthi, G.; Subasri, S.; Varshith, S.V.	Smart Vehicle Number Recognition System using Digital Image Processing Technique	Sep-2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA515 32.2021.9544677
2408	Arundhathy, T.S.; Bhavvy, B.; Gayathri, V.; Ponnusamy, Vinoth Kumar; Ramya, Karnam Chandrasekhar	Smart garden monitoring and control system with sensor technology	2021	Conference Paper	2021 3rd International Conference on Signal Processing and Communication, ICPCSC 2021	10.1109/ICSPSC513 51.2021.9451788
2409	Balasubramaniam, Maruthi Shankar; Saranya, G.; Vidhya, B.; Krishnamoorthy, N.V.	Smart system for diagnosing and monitoring oral diseases	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS511 41.2021.9432355

2410	Krishnan, Loganathan Navaneetha; Naveen, C.; Nivashini, K.; Nivin, B.; Pavurmaa, S.	Solar photo voltaic based water pumping using BLDC motor	2021	Conference Paper	2021 3rd International Conference on Signal Processing and Communication, ICSPSC 2021	10.1109/ICSPSC51351.2021.9451679
2411	Gunasekaran, K.N.	Studies on mechanical properties and characterization of carbon fiber reinforced hybrid composite for aero space application	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.05.304
2412	Ranganathan, Soundararajan	Study of mechanical and metallurgical characterization of correlated aluminium hybrid metal matrix composites	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.04.643
2413	Kumar, R. S. Manoj; Oviyaa, M.; Preethi, Gopalakrishnan; Vignesh, M.	Study on psychological performance of occupant in Indian buildings influenced by human comfort and indoor air quality	2021	Conference Paper	AIP Conference Proceedings	10.1063/5.0072655
2414	Arulkumar, V.	Super resolution and demosaicing based self learning adaptive dictionary image denoising framework	2021	Conference Paper	Proceedings - 5th International Conference on Intelligent Computing and Control Systems, ICICCS 2021	10.1109/ICICCS51141.2021.9432182
2415	Girinath, N.	Suppression of four wave mixing effect in DWDM system	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.11.545
2416	Adarsh, S. Ajay; Baranitharan, M.; Bragadeesvaran, S.R.; Gokulakrishnan, K.; Kaliyaperumal, Balasubramanian	Surface properties of Ti-6Al-4V alloy treated by plasma ion nitriding process	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.03.039
2417	Prawin Sankar, T.A.; Prince Paul, R.; Saktheeswaran, G.; Shibin Thomas, S.; Vibunesh, N.T.; Vignesh, T.	Technology in Design Aspect of BIN Bot Robot	2021	Conference Paper	Proceedings - 1st International Conference on Smart Technologies Communication and Robotics, STCR 2021	10.1109/STCR51658.2021.9588923
2418	Malini, T.; Megha, T.D.; Nandhini, M.; Narmatha, M.	Testing the quality of cereals and pulses using LabVIEW	2021	Conference Paper	2021 3rd International Conference on Signal Processing and Communication, ICSPSC 2021	10.1109/ICSPSC51351.2021.9451799
2419	Kanagarajan, Banupriya	Tetrapropylammonium Tribromocuprate Complex[(C3H7)4N]CuBr3(II) - Synthesis, Thermal and Spectral Characterization	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2021.01.015
2420	Krishnamoorthy, S.	Theoretical analysis of de-inking methodology and process improvement initiatives in paper industry	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.09.196

2421	Seenivasaga Ayyalu, R.; Sree, S. Jayanthi; Suriya Prakash, A.; Vigneshwaran, D.	Traffic Sign Recognition using Deeplearning for Autonomous Driverless Vehicles	2021	Conference Paper	International Conference on Computing Methodologies and Communication, ICCMC 2021	10.1109/ICCMC51019.2021.9418437
2422	Maideen Abdhulkader Jeylani, A.; Sanjeeve, R.; Udhayakumar, N.; Yuvan Raj Kumar, M.	Traffic Signal Controlling Using Dense of Android Devices	2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441753
2423	Natarajan Phd, Balaji; Ranganathan, Soundararajan	Tribological Behavior of Thermal and Mechanical Composite Reinforced Sisal Characteristics and Influence SiC Filling Material	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0277
2424	Javid Firnas, Sait; Naveen Raj, Nandakumar; Pradeep, S. Sabapathy; Ranganathan, Soundararajan	Tribological Evaluation of Organic Frictional Composites Filled with Various Nano-Solid Lubricants	2021	Conference Paper	SAE Technical Papers	10.4271/2021-28-0259
2425	Achuthan, B.; Arunkumar, B.; Boobalan, M.; Chiragsun, R.; Maideen Abdhulkader Jeylani, A.	Underwater communication using Li-Fi	2021	Conference Paper	2021 3rd International Conference on Signal Processing and Communication, ICSPSC 2021	10.1109/ICSPSC51351.2021.9451725
2426	Aadhis, B.K.; Divakar, S.; Manoj Kumar, C.; Rameshkumar, Vighnesh	Use of parametric tools in material system selection to minimize building cooling load	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.12.829
2427	Adhis, N.; Dhanish Kumar, M.; Dinesh Kumar, J.R.; Rahul, N.; Ramasamy, Balaji Venkatesalu	VITAL ELEMENTS MONITORING SYSTEM USING IOT	Aug-2021	Conference Paper	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021	10.1109/ICCES51350.2021.9489073
2428	Janeera., D.A.; Pratheeba, R.; Ragamaliga, M.; Shreemathi, V.	Visual Servoing and Deep Capsule Network Learning for Contactless Smart Waste Segregation	2021	Conference Paper	Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC 2021	10.1109/ICOSEC51865.2021.9591768
2429	Subramani, Sivaranjani	Visualization of virtual environment through labVIEW platform	2021	Conference Paper	Materials Today: Proceedings	10.1016/j.matpr.2020.10.559

2430	Sankara Subramanian, R.S.; Selvi, C. Thirumarai	Weed Detection in Agricultural fields using Deep Learning Process	Mar-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441683
2431	Anish Fathima, B.; Sindhu Priya, M.; Sreenithi, B.; Swathi, J.; Trisha, S.	Wide Range Omni-Directional Intelligent Navigation System for the Visually Impaired	Sep-2021	Conference Paper	Proceedings of the 3rd International Conference on Inventive Research in Computing Applications, ICIRCA 2021	10.1109/ICIRCA51532.2021.9544798
2432	Karthi, S.P.; Ramyadevi., N.; Sudhir, U.S; Visvesvaran, C.	Wireless Data Transfer Based on Bone Conduction: Osteoconduct	Jun-2021	Conference Paper	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	10.1109/ICACCS51430.2021.9441944
2433	Gowri, V. Koushika; Kavin, R.; Naveenaa, M.; Navishree, T.; Nithish, J.	Wireless power transmission in electric vehicle using solar energy	2021	Conference Paper	2021 3rd International Conference on Signal Processing and Communication, ICPSC 2021	10.1109/ICSPC51351.2021.9451697
2434	Gilbert, Edwin Prem Kumar; Edwin, Lydia	A Review on Prediction Models for Pesticide Use, Transmission, and Its Impacts	2021	Book Chapter	Reviews of Environmental Contamination and Toxicology	10.1007/398_2020_64
2435	Pooranam, N.; Vignesh, T.	A Swarm Robot for Harvesting a Paddy Field	2021	Book Chapter	Nature-Inspired Algorithms Applications	10.1002/9781119681984.ch5
2436	Nagarajan, Susila	A panoramic view of cyber attack detection and prevention using machine learning and deep learning approaches	2021	Book Chapter	Applied Learning Algorithms for Intelligent IoT	10.1201/9781003119838-4
2437	Mervin George, G.	A systemic method of nesting multiple classifiers using ensemble techniques for telecom churn prediction	2021	Book Chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-15-5258-8_2
2438	Sophia, S.; Thamaraiselvi, P.	Ambient-assisted living of disabled elderly in an intelligent home using behavior prediction-a reliable deep learning prediction system	2021	Book Chapter	Computational Analysis and Deep Learning for Medical Care: Principles, Methods, and Applications	10.1002/9781119785750.ch13
2439	Rani, Soundarapandian Sheeba	An Intelligent Internet of Medical Things with Deep Learning Based Automated Breast Cancer Detection and Classification Model	2021	Book Chapter	Studies in Systems, Decision and Control	10.1007/978-3-030-55833-8_11
2440	Rani, Soundarapandian Sheeba; Shirley, D. Ruth Anita	Analysis of IoT-Enabled Intelligent Detection and Prevention System for Drunken and Juvenile Drive Classification	2021	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-59897-6_10
2441	Ramesh, R.	Application of Fuzzy Differential Equations in Digital Images Via Fixed Point Techniques	2021	Book Chapter	Simulation and Analysis of Mathematical Methods in Real-Time Engineering Applications	10.1002/9781119785521.ch7

2442	Meenakshisundaram, Sangeetha	Candidate Drugs for the Potential Treatment of Coronavirus Diseases	2021	Book Chapter	Methods in Pharmacology and Toxicology	10.1007/7653_2020_67
2443	George, Ignisha Rajathi; Pooranam, N.; Vignesh, T.	Decision support mechanism to improve a secured system for clinical process using blockchain technique	2021	Book Chapter	Internet of Things, Artificial Intelligence and Blockchain Technology	10.1007/978-3-030-74150-1_11
2444	Ramya, Karnam Chandrasekhar	Deep Learning-Based Activity Monitoring for Smart Environment Using Radar	2021	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-70183-3_5
2445	Janeera., D.A.	Deep learning in patient management and clinical decision making	Oct-2021	Book Chapter	Deep Learning for Personalized Healthcare Services	10.1515/9783110708127-006
2446	Devi, D.; Sophia, S.; Devi, D.; Sophia, S.	Deep learning-based cognitive state prediction analysis using brain wave signal	2021	Book Chapter	Cognitive Computing for Human-Robot Interaction: Principles and Practices	10.1016/B978-0-323-85769-7.00017-3
2447	Nirmal, B.; Nishanth kalathil, P.; Palanivel, R.; Ramachandran, N.; Subramaniana, R. Siva	Design and Fabrication of Hybrid Mobility Scooter	2021	Book Chapter	Springer Proceedings in Materials	10.1007/978-981-15-8319-3_64
2448	Viswanathan, Karthickeyan	Effect of low carbon biofuel on carbon emissions in biodiesel fueled CI engine	2021	Book Chapter	Bioenergy Resources and Technologies	10.1016/B978-0-12-822525-7.00006-8
2449	Pooranam, N.; Rani, K. Sasi Kala	Efficiency of Finding Best Solutions Through Ant Colony Optimization (ACO) Technique	2021	Book Chapter	Nature-Inspired Algorithms Applications	10.1002/9781119681984.ch3
2450	Dinesh Kumar, J.R.; Ramasamy, Balaji Venkatesalu	Electronic health record maintenance (EHRM) using blockchain technology	Aug-2021	Book Chapter	Internet of Things, Artificial Intelligence and Blockchain Technology	10.1007/978-3-030-74150-1_9
2451	Rani, Soundarapandian Sheeba	Firefly-Binary Cuckoo Search Technique based heart disease prediction in Big Data Analytics	2021	Book Chapter	Applications of Big Data in Healthcare: Theory and Practice	10.1016/B978-0-12-820203-6.00007-2
2452	Priya, S. Sasi	Impact and Prerequisite of Smart Cities	Mar-2021	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-48539-9_3
2453	Suresh Kumar, S.; Gomathy, Vel Murugan; Rani, Soundarapandian Sheeba	Internet of Medical Things (IoMT) Enabled Skin Lesion Detection and Classification Using Optimal Segmentation and Restricted Boltzmann Machines	2021	Book Chapter	Studies in Systems, Decision and Control	10.1007/978-3-030-55833-8_12
2454	Rani, Soundarapandian Sheeba	Internet of Medical Things (IoMT) with machine learning-based COVID-19 diagnosis model using chest X-ray images	2021	Book Chapter	Data Science for COVID-19 Volume 1: Computational Perspectives	10.1016/B978-0-12-824536-1.00001-0
2455	Vijayakumar, Nandalal	Internet of Things (IoT) and Real Time Applications	Jul-2021	Book Chapter	Studies in Systems, Decision and Control	10.1007/978-3-030-69744-0_12

2456	Ramya, Karnam Chandrasekhar; Rani, Soundarapandian Sheeba; Janeera., D.A.	Internet of Things and Artificial Intelligence-Enabled Secure Autonomous Vehicles for Smart Cities	2021	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-59897-6_11
2457	Gomathy, Vel Murugan; Rani, Soundarapandian Sheeba	Internet of things-based advanced metering infrastructure (AMI) for smart grids	2021	Book Chapter	Integration of Renewable Energy Sources with Smart Grid	10.1002/9781119751908.ch4
2458	Kumar, D. Deepan; Pranesh, S.; Raj, T. Nithish; Sudhakar, S.; Suwinraj, K.	Investigation of Some Mechanical Properties of Cast Iron Coated with Chromium and Zirconia for Sliding Application	2021	Book Chapter	Springer Proceedings in Materials	10.1007/978-981-15-8319-3_26
2459	Charan, M.K.; Dhananjayan, T.; Jaganathan, Baskaran; Raghuvaran, P.	Investigation on Characteristics of Stir-Casted Aluminum Matrix Composites—A Review	2021	Book Chapter	Springer Proceedings in Materials	10.1007/978-981-15-8319-3_84
2460	Kavitha, M.; Naomi, J. Fenila	Machine and deep learning techniques in IoT and cloud	2021	Book Chapter	Challenges and Opportunities for the Convergence of IoT, Big Data, and Cloud Computing	10.4018/978-1-7998-3111-2.ch013
2461	Afesul Gayoom, A.; Dharsan, V.K.; Jaganathan, Baskaran; Raghuvaran, P.	Mechanical Behavior Investigation of Copper-Added A356 Alloy	2021	Book Chapter	Springer Proceedings in Materials	10.1007/978-981-15-8319-3_85
2462	Madhavan, Bradha	Metal oxides-free anodes for lithium-ion batteries	2021	Book Chapter	Oxide Free Nanomaterials for Energy Storage and Conversion Applications	10.1016/B978-0-12-823936-0.00008-5
2463	Radhika, A.; Janeera., D.A.	Microgrid optimization and integration of renewable energy resources: Innovation, challenges and prospects	2021	Book Chapter	Integration of Renewable Energy Sources with Smart Grid	10.1002/9781119751908.ch11
2464	Jeylani, A. Maideen Abdhulkader	Mitigating measures to address challenges of renewable integration-forecasting, scheduling, dispatch, balancing, monitoring, and control	2021	Book Chapter	Integration of Renewable Energy Sources with Smart Grid	10.1002/9781119751908.ch13
2465	Ramji Tiwari, M.	Mitigation Techniques for Removal of Dust on Solar Photovoltaic System	2021	Book Chapter	Electrical and Electronic Devices, Circuits, and Materials: Technological Challenges and Solutions	10.1002/9781119755104.ch20
2466	Shirley, D. Ruth Anita; Elwin J., Granty Regina	Mitigation measures for power quality issues in renewable energy integration and impact of IoT in grid control	Oct-2021	Book Chapter	Integration of Renewable Energy Sources with Smart Grid	10.1002/9781119751908.ch14

2467	Anand, Sruthi; Kalaiarasan, T.R.; Ratheeshkumar, A.M.	Next-generation iot use cases across industry verticals using machine learning algorithms	2021	Book Chapter	Applied Learning Algorithms for Intelligent IoT	10.1201/9781003119838-3
2468	Radhika, A.	Optimal SVM Based Brain Tumor MRI Image Classification in Cloud Internet of Medical Things	2021	Book Chapter	Studies in Systems, Decision and Control	10.1007/978-3-030-55833-8_5
2469	Dhandayudam, Prabha	Optimizing Naive Bayes Probability Estimation in Customer Analysis Using Hybrid Variable Selection	2021	Book Chapter	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978-981-15-9647-6_47
2470	Geetha, D. Mohana	Overview of THz Antenna Design Methodologies	2021	Book Chapter	Technology and its Applications	10.1007/978-981-16-5731-3_19
2471	Malipatil, Ashwini R.; Singhal, Neha	Regression algorithms in machine learning	2021	Book Chapter	Applied Learning Algorithms for Intelligent IoT	10.1201/9781003119838-5
2472	Janeera., D.A.; Shirley, D. Ruth Anita	Smart Charging in Electric Vehicles and Its Impact on the Evolution of Travelling	Dec-2021	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-85424-9_11
2473	Subramani, Sivaranjani	Smart Waste Management Model for Effective Disposal of Waste Management Through Technology	2021	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-70183-3_9
2474	Sujaritha, M.	Smart drone with open CV to clean the railway track	2021	Book Chapter	Security Issues and Privacy Concerns in Industry 4.0 Applications	-
2475	Vignesh, T.; Pooranam, N.; Vignesh, T.	Smart equipment to protect patients and people from COVID disease	2021	Book Chapter	Biomedical Engineering Tools for Management for Patients with COVID-19	10.1016/B978-0-12-824473-9.00006-9
2476	Manikandan, M.; Nagajothi, S.	The Desiderata of Blockchain and IoT in Medical and Pharmaceutical Enterprises	2021	Book Chapter	EAI/Springer Innovations in Communication and Computing	10.1007/978-3-030-65691-1_8
2477	George, Ignisha Rajathi; Pooranam, N.	The herculean coalescence aiot-a congruence or convergence?	2021	Book Chapter	Internet of Things, Artificial Intelligence and Blockchain Technology	10.1007/978-3-030-74150-1_7
2478	Anand, Sruthi; Nagarajan, Susila	Trends and transition in the machine learning (ML) space	2021	Book Chapter	Applied Learning Algorithms for Intelligent IoT	10.1201/9781003119838-2
2479	Nagarajan, Susila	Applied Learning Algorithms for Intelligent IoT	2021	Book	Applied Learning Algorithms for Intelligent IoT	10.1201/9781003119838
2480	Veerubommu, Ragavi	A Review on Graph Theory in Network and Artificial Intelligence	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1831/1/012002
2481	Vijayakumar, Nandalal	An intelligent cross layer security based fuzzy trust calculation mechanism (CLS-FTCM) for securing wireless sensor network (WSN)	Mar-2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-01834-1
2482	Lavanya, S.	Artificial intelligence for a bio-sensored detection of tuberculosis	2021	Other	Network Modeling Analysis in Health Informatics and Bioinformatics	10.1007/s13721-021-00284-9

2483	Balasubramanian, Saravana Balaji	Automated query classification based web service similarity technique using machine learning	2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-02186-6
2484	Ranganathan, Soundararajan; Ali, L. Feroz	Correction to: Microstructural and Wear Behaviour of Al 6063–W Nanocomposites Developed Using Friction Stir Processing (Metals and Materials International, (2021), 27, 12, (5462-5473), 10.1007/s12540-021-01029-z)	2021	Other	Metals and Materials International	10.1007/s12540-021-01068-6
2485	Dhandayudam, Prabha	Customer behavior analysis using Naive Bayes with bagging homogeneous feature selection approach	2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-01961-9
2486	Kaliappan, Lakshmi	Detection and classification of mechanical faults of three phase induction motor via pixels analysis of thermal image and adaptive neuro-fuzzy inference system	2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-01857-8
2487	Balakrishnan, S.	MCAMO: multi constraint aware multi-objective resource scheduling optimization technique for cloud infrastructure services	2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-02138-0
2488	Balakrishnan, S.	Optimized virtual network function provisioning technique for mobile edge cloud computing	2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-02122-8
2489	Chelladurai, Samson Jerold Samuel	Optimizing the characteristics of the laser hardfacing process parameters to maximize the wear resistance of Ni-based hard-faced deposits using the RSM technique	2021	Other	Advances in Materials Science and Engineering	10.1155/2021/3665631
2490	Balakrishnan, S.; Nagarajan, Susila; Jerold Samuel, C. Samson	Preface	2021	Other	CEUR Workshop Proceedings	-
2491	Veerubommu, Ragavi	Preface: Editors of the Proceedings	2021	Other	CEUR Workshop Proceedings	-
2492	Vijayakumar, Nandalal	Retraction Note to: An intelligent cross layer security based fuzzy trust calculation mechanism (CLS-FTCM) for securing wireless sensor network (WSN) (Journal of Ambient Intelligence and Humanized Computing, (2021), 12, 5, (4559-4573), 10.1007/s12652-020-01834-1)	May-2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-022-03974-y
2493	Mathew, Dominic; Sophia, S.	Retraction: A Comparative Study on minimum skew Clock tree distribution algorithms for high-speed Digital Integrated Circuits	Dec-2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012125
2494	Rani, P. Kavitha; Sai Krishna, R.; Siddarth, U.S.; Vidya Sagar, E.	Retraction: A Novel Session Password Security Technique using Textual Color and Images	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012176

2495	Pooranam, N.; Sri, Dhanya K.; Sruthi, S.; Sushma, Priya P.N.	Retraction: A Safety Measuring Tool to Maintain Social Distancing on COVID-19 Using Deep Learning Approach	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012122
2496	Jeril, L.; Kavin Harnesh, M.; Lalith Kumar, V.; Sophia, B.	Retraction: A Secure Remote Clinical Sensor Network Approach for Privacy Enhancement	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012107
2497	Karpagam, M.; Monikavishnuvarthini, A.; Shyam Kumar, M.; Sowmiya, M.	Retraction: Advanced Hyperchoatic Image Encryption Technic with DNA Sequence	Dec-2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012202
2498	Dhivya, T.A.; Pooranam, N.; Preethi, S.; Punitha, R.	Retraction: An Automated Machine Learning Approach for Stroke Prediction	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012085
2499	Azhaguramyaa, V.R.; Janet, J.; Narayanan, Vijay Varshini Lakshmi; Sabari, R.S.; Santhosh, Kumar K.	Retraction: An Intelligent System for Waste Materials Segregation Using IoT and Deep Learning	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012028
2500	Deepak Kumar, A.; Udhaya Kumar, A.; Vijayakumar, Nandalal; Vishnukanth, S.	Retraction: Anti-Theft Fuel Level Detector with Vehicle Tracking	Dec-2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012217
2501	Priya, A.; Shalini, M.; Suganti, T.; Swetha, M.	Retraction: Assistant for the guest with visually impaired using Deep Learning	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012063
2502	Dharshana, C.P.; Harikoushik, A.; Vineeth, V.V.	Retraction: Authenticated Smart Meter Reading for a Secure Smart Grid	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012212
2503	Kanthan, J. Nikkesh; Saranya, N.	Retraction: Brain Tumor Classification Using Convolution Neural Network	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012206
2504	Saran Karthik, K.A.; Shri Raam, S.; Vijeya Kaveri, V.	Retraction: Classification of Malignant Melanoma using Convolutional Neural Networks	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012070
2505	Saranprasath, N.; Shanmuga Praveen, V.; Sivakumar, M.; Sridharan, N.S.	Retraction: Comparative analysis of CNN and Viola-Jones for face mask detection	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012043

2506	Abirami, K.Rama; Insaf, Mohammed; Manojkumar, M.; Sakthivel, Naveen	Retraction: Deep learning based Food Recognition using Tensorflow	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01214 9
2507	Jayaprakash, Karthika; Mathan Kumar, K.; Santhose, M.; Sharan, T.; Sri Hariharan, S.	Retraction: Disease Detection in Cotton Leaf Spot Using Image Processing	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01222 4
2508	R.; Balasubramaniam, V.; Elamukhil, K.	Retraction: Distributed Ensemble based Deep Learning architecture for Intrusion Detection against Cyber attacks	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01208 0
2509	Aransha, R.; Deepa, M.; Harini, P.; Iswarya, B.; Mylsamy, Rajkumar	Retraction: Distributed Trust Evaluation protocol with Privacy Protection for Inter-cloud	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01222 7
2510	Abirami, K. Rama; Ajaye, K.P.; Amrriish, Roshan B. L.; Arun, Nishanthan A.	Retraction: Efficient Method for Storing Health Record in Cloud Using Integrity Auditing and Data Sharing	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01219 1
2511	Kiruthika, K.; Nishanthi, S.; Rahul, A.; Senathipathi, K.	Retraction: Electromyography in Machine Learning	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01205 7
2512	Kabilan, N.; Mohankumar, M.; Nithiesh, Kumar M.; Rani, K. Sasi Kala	Retraction: Fatigue Monitoring Using Real-Time Facial Expression Based on Neural Technique	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01211 6
2513	Abishek, S.R.; Ashwanth, K.P.; Bharanidharan, C.; Girish, S.; Hussain, D. Mansoor	Retraction: Feature Specific Hybrid Framework on composition of Deep learning architecture for speech emotion recognition	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01209 4
2514	Arul, A.; Gokul Raja, R.; Hari Prakaash, R.S.; Sathish Kumar, N.; Vijayakumar, Nandalal	Retraction: Fire Detection System Using Machine Learning	Dec-2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01220 9
2515	Janet, J.; Jeevanandham, S.; Kausic, S.; Latha Maheswari, T.; Manish, M.	Retraction: Forest Fire Alerting System with GPS Co-ordinates Using IoT	2021	Other	Journal of Physics: Conference Series	10.1088/1742- 6596/1916/1/01209 9

2516	Balachandran, M.; Maheswari, Latha; Singh, T Jimry; Varsan, S Hari	Retraction: Health Monitoring System Using IOT Sensors Network	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012146
2517	Inam, S. Mohammed; Karthikeyan, K.; Kishore, G.; Senthil Murugan, K.R.	Retraction: Hyperspectral Image Classification Using Ensemble Transfer Learning	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012082
2518	Ahamed, A Riyaz; Janet, J.; Suresh Kumar, S.	Retraction: Indicator for the Water Level Using Bluetooth	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012166
2519	Gowdham, R.; Harish, G.; Madavan, C.A. Brijesh	Retraction: Intelligent Prediction and Face Recognition sensors for Next Generation Machines	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012151
2520	Naomi, J. Fenila; Roshan Jeniel, R.; Sakthi Eswaran, K.; Sanjeev Kumaar, N.M.	Retraction: Intelligent Transaction System for Fraud Detection using Deep Learning Networks	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012031
2521	Guru Balan, S.; Majidha Fathima, K.M.; Rahul Prasad, K.; Raj, R Sharan	Retraction: MEMS Multi Sensor Intelligent Damage Detection for Wind Turbines by Using IOT	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012045
2522	Karthikeyan, N.; Padmanaban, P.; Prasanth, A.; Rangunath, D.	Retraction: Machine Learning Based Classification Models for Heart Disease Prediction	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012092
2523	Kousika, N.; Sunandhana, S.; Vijay, M. Arvind; Vishali, G.	Retraction: Machine Learning based Fraud Analysis and Detection System	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012115
2524	Saravana Kumar, M.; Sathish Kumar, T.; Subramanian, G.; Suresh Kumar, S.	Retraction: Multiview 3D detection system for automotive driving	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012046
2525	Abilash, C.; Ambrish, V.; Haricharann, D.V.; Harshini, V.; Vineeth, V.V.	Retraction: Power Theft Recognition and data security in Smart Meter Reading of a Smart Grid	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012216
2526	Janan, K.; Joshua, Joseph P. S.; Lakshmi, Venkata S.; Sharoz, Mohammed	Retraction: Predicting Supervised Machine Learning Performances for Sentiment Analysis Using Contextual Based Approaches	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012117

2527	Asha Priya, G.; Dhivyaa Sankari, B.; Gowthamani, R.; Renugadevi, G.	Retraction: Predicting heart disease using hybrid machine learning model	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012208
2528	Akshara, D.; Ashfak Ahamed, A.; Chandhini Shri, V.S.; Sujaritha	Retraction: Privacy Preserving Verification Scheme for Cloud Platform Using DML	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012154
2529	Kabilan, S.; Kisore, S. Nanda; Manikandan, M.; Sujaritha, M.	Retraction: Real Time Face Mask Identification Using Deep Learning	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012077
2530	Kavinraj, G.; Mohanaprasanth, K.; Ragul, Krishnan B.; Senthil Murugan, K.R.	Retraction: Real-Time Social Distance maintaining using Image Processing and Deep Learning	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012190
2531	Bhuvanesh, M.; Haritha, B.; Kalaiyarasi, B.; Kanmani, E.; Mylsamy, Rajkumar	Retraction: Secure Data Access Privacy Preserving Using Cloud Services	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012228
2532	Arjun, T.; Deepak, R.; Dhyaneshwaran, K.; Srivaishnavi, D.	Retraction: Secure Ring Signature based privacy preserving of Public Auditing mechanism for outsourced data in cloud computing paradigm	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012079
2533	Gowthamani, R.; Prithvi, Kannah K.; Renugadevi, G.; Sasi Kala, Rani K.; Suriya, Prakash D.	Retraction: Secured Cloud Based Health Care Framework with Blockchain	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012207
2534	Anitha, P.; Dhanushram, R.; Harihara Sudhan, D.; Indhresh, T.R.S.	Retraction: Security Aware High Scalable paradigm for Data Deduplication in Big Data cloud computing Environments	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012097
2535	Dharani, P.; Gowsalya, J.; Pushpalatha, A.	Retraction: Skin Cancer Classification Detection using CNN and SVM	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012148
2536	Mohil Varmaa, K.; Prendra, K.; Ranjith, K.V.; Robinsingh, T.; Vijayakumar, Nandalal	Retraction: Smart Health Monitoring Bodyarea Network Using Raspberry Pi	Dec-2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012218

2537	Ramasamy, Balaji Venkatesalu; Saron Sekar, G.; Syed Ibrahim, M.Z.; Thanveer Ram, R.; Ramasamy, Balaji Venkatesalu; Saron Sekar, G.; Syed Ibrahim, M.Z.; Thanveer Ram, R.	Retraction: Smart Home Automation System Using Wireless Sensor Networks	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012221
2538	Arumugam, Jeevanandham; Kumar, B Jeevith; Maheshkumar, M.; Monish, B.; Nitin, B.	Retraction: Solar Powered Real Time Transformer Health Monitoring System Using Internet of Things (IoT)	2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012155
2539	Sree, S. Jayanthi	Retraction: Texture based Clustering Technique for Fetal Ultrasound Image Segmentation	Dec-2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012014
2540	Karpagam, M.; Monikavishnuvarthini, A.; Shyam Kumar, M.; Sowmiya, M.	Retraction: Vehicular ADHOC Network Based Safety Improvement	Dec-2021	Other	Journal of Physics: Conference Series	10.1088/1742-6596/1916/1/012205
2541	Kousika, N.	Retraction: An improved privacy-preserving data mining technique using singular value decomposition with three-dimensional rotation data perturbation	2021	Other	Journal of Supercomputing	10.1007/s11227-021-03643-5
2542	Ramasamy, Balaji Venkatesalu	SPAHN novel approach for PL-AG gateway discovery for internet connectivity	Dec-2021	Other	Peer-to-Peer Networking and Applications	10.1007/s12083-020-00931-4
2543	Dhandayudam, Prabha	Sentiment analysis of student feedback using multi-head attention fusion model of word and context embedding for LSTM	2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-01791-9
2544	Hussain, D. Mansoor; Surendran, D.	The efficient fast-response content-based image retrieval using spark and MapReduce model framework	2021	Other	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-020-01775-9

