

# **2023 International Conference on Recent Advances in Science and Engineering Technology (ICRASET 2023)**

**B G Nagara, India  
23-24 November 2023**

**Pages 1-520**



**IEEE Catalog Number: CFP23UA1-POD  
ISBN: 979-8-3503-0693-4**

**Copyright © 2023 by the Institute of Electrical and Electronics Engineers, Inc.  
All Rights Reserved**

*Copyright and Reprint Permissions:* Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

***\*\*\* This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP23UA1-POD
ISBN (Print-On-Demand):	979-8-3503-0693-4
ISBN (Online):	979-8-3503-0692-7

**Additional Copies of This Publication Are Available From:**

Curran Associates, Inc  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: (845) 758-0400  
Fax: (845) 758-2633  
E-mail: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

CURRAN ASSOCIATES INC.  
**proceedings**  
.com

Conference Record # 59632

2023 International Conference on Recent Advances in Science and  
Engineering Technology (ICRASET)

TABLE OF CONTENTS

SI. No	PAPER ID	AUTHORS	ARTICLE TITLE	eCF Paper ID	Page Number
1	18	Naveen B, Rakshitha C S, Varshini S, Manu Y M, Nithyaraj G P, Poorvik M P, Shivashankara S	An Efficient Electronic Nasal Pod for Air Pollutants Detection	625969	1-5
2	33	Latha D U, Amogh B M, Darshan B Y, Hemanth K, K S Praveen	Skin Cancer Classification using ConvNET	625971	6-12
3	34	Subhra Chakraborty, Himesh Arun, Alex Tomy, Chandan N, Amith D K	Development of GUI for Acquiring and Monitoring Tip Clearance	625973	13-18
4	37	Manjula B B, Manasa S, Pushkar D, Agniva Ghosh, Gowtham S, Sanjay S K	Design and Implementation of Verilog Traffic Light Switching system for T-Intersection on FPGA	625975	19-22
5	39	Md Faizan Shakeel, Mudassir Hasan Khan, Yusuf Uzzaman Khan	Deep Learning Empowering Diagnosis of Thyroid Nodule Malignancy through Ultrasound Imaging.	625977	23-28
6	42	Akashdeep Bhardwaj, Luxmi Sapra, Varun Sapra	Unique Raspberry Pi-based Honeypot	625979	29-34

7	43	Aditya Kulkarni, Hetansh Shah, Krish Shah, Lynette D'Mello	Flowchart Generation and Mind Map Creation using Extracted Summarized Text	625981	35-40
8	47	Nithya G, K Naveen Kumar, R Sai Yashwanth, Waseem Baig, S Venkat Sai Ganesh, S Hanvish Kumar	Simulation, Deposition, and Characterization of WO <sub>3</sub> and Multilayered WO <sub>3</sub> /Ag thin film structure for Smart Window Applications	625983	41-43
9	50	Manu Y M, Gagana R, Shashikala S V	Enhancing Face Detection and Recognition through Machine Learning Algorithm	625985	44-48
10	52	Priyanka Bhatele, Ishan Shivankar, Shrey Chogule, Shivansh Saraswat, Shreya Sabut, Shraddha Patel, Shreya Nale	Dimensional Measurement System Using Canny Edge Detection Algorithm	625987	49-53
11	53	Varshitha D N, Vinutha D C, Shreya B S, Nidhi Shree S P, Chetan P, Gourav R	IOT-Enhanced Smart carry to prevent spinal chord injury by Weight monitoring	625989	54-58
12	54	Mythili D, Duraisamy S	Hybrid Optimization Algorithm for Density Based Cluster Head Selection in Wireless Sensor Networks	625991	59-64
13	58	Gaurav Soni, Manish Sharma	Performance Evaluation of Free Space optics (FSO) Using Diffractive optical elements (DoE) and its Comparison with existing Free Space optics (FSO)	625993	65-70
14	69	G Subhashini, R Rajalakshmi, S Harini Shriram, L Krishnakumari, R Chandralekha, E Neerathilingam	Modern WSN Routing Protocol using Methods for Reducing Energy Consumption based on Block Chain Technology	625995	71-74
15	72	K R Swetha, Naveen B, Monisha D, Uzma Afreen	Fire Detector and Sprinkler Autonomous Robot	625997	75-80

16	95	Kumar P, Vinodh kumar S, S Senthil Pandi, Priya L	Enhancing Face Mask Detection Using Data Augmentation Techniques	625999	81-85
17	105	Shakunthala B S, Ullas H S, Suresh M, Veeraswamy Ammisetty	Novel Approach for Air Quality Monitoring	626001	86-92
18	106	Pallavi J, Rajalakshmi M C	Optimization of Component Placement on PCB using Thermal Analysis	626003	93-97
19	108	Ravikiran H K, H S Mohana, Jayanth J, Wilfred John Vaz, Madhu K M, Ravi L S	Gray Level Image Contrast Enhancement Using Hybrid BAT and Moth Flame Optimization	626005	98-105
20	113	Ashish Kumar Singh, Disha Sharma, Manan Dhawan, Shivansh Kumar	Advance Anti-theft Flooring Security System Using Raspberry Pi	626007	106-110
21	115	Jyothi A P, Bharath M B, Raghu V, Pavan T, Himadri Nath	Covid-19 Detection using X-Ray Images and Fake X-Ray Detection	626009	111-116
22	117	Santosh Kumar Satapathy, Gaurav Kumar Shah, Dev Vyas Anupam Kumar Gevariya, Nitin Singh Rajput, Hari Kishan Kondaveeti	Deep Convolutional Neural Network for Multi-class Classification of Motor Imagery from EEG Signals	626011	117-124
23	119	Manoj Kumar D P, Saptami S Danappanavar, Prajwal P Kashyap, Varsha T S, Adithya V, Sinchana S	Heart Rate Monitoring on Facial RGB Images using Deep Learning	626013	125-130
24	120	Manoj Kumar D P, Ananda Babu J, Varsha T S, Spoorthy N, Rekha B, Sanyam Sharma	TensorFlow Implementation on Analysis of Unusual Behavior in Crowd using Deep Learning	626015	131-136
25	121	Manoj Kumar D P, Advithi A R, Hamsaveni A R, Meghana G, Kavya M S, Priya J	Machine Learning – Based Crop Management: Towards Intelligent Recommendations for Crop, Fertilizer and Pesticide Optimization	626017	137-144

26	127	R Remya, B Ragavi, R J Yesmitaa, M Manikandan, G Dhiviyasri, D David Neels Ponkumar	An Efficient noise reduction technique and classification of Osteosarcoma by the machine learning approach	626019	145-150
27	135	Shilpa Karegoudra, Veerasha R K	Hand Gestures and Machine Learning: A Novel Path to Number Prediction	626021	151-156
28	137	Kavitha B C, Naveen K B	Design and modelling of VGG 16 architecture for Lung Tumor detection	626023	157-160
29	138	Nalini M K, Mahalakshmi B S, Nevyia Khandelwal, Nandan Pai, Sharan L	CI/CD Pipeline with Vulnerability Mitigation	626025	161-166
30	144	Mahesh D S, Naveen K B, Naveen B	Miniaturized wearable fractal antenna integrated with RF transceiver system for military applications	626027	167-172
31	145	Santosh Kumar Satapathy, Kunj Manavadariya	Revolutionizing Social Media Marketing with SocialPilot and NodeJS Optimization Techniques	626029	173-179
32	146	Kavitha S, Sreekanth Rallapalli, Sowmya K, Piyush Kumar Pareek	Transfer Learning-Based Tomato Disease Prediction using Leaf Images	626031	180-186
33	149	Sadhana Vitthal Savkare	Design and Characterization of a Gold Nanoparticle-based Plasmonic Biosensor	626033	187-192
34	156	Shruthi G, Pradyumna Patil, Krishna Raj P M	Design and Development of Visual Question Answering model for the Visually Impaired	626035	193-199
35	157	Tinu Kumar, Sourabh Sharma, Bobbinpreet Kaur, Sheenam	A Framework for on Road Vehicle Counting and Detection	626037	200-204
36	166	Remya Jayachandran, Likith Kumar M, Sanjay Kumar M, Manoj M, Akash Kulkarni, Bhargava Dantapur, Gurusatwik Bhatta N	WARM WOMB: A Wireless Real-time Monitoring System for Neonatal Care in Resource-Limited Settings	626039	205-210

37	172	Ravikiran HK, Ravi L S, Madhu KM, Bindu K, Farzana Praveen B A, Tanuja T	Study on VGG16 Transfer learning Model for Goat/Sheep Image Classification	626041	211-218
38	173	Prosanjeet Sarkar, Santosh Pawar	Fast and Accurate Prediction of Diabetes Mellitus using Artificial Neural Network	626043	219-223
39	175	Varaprasad Gaonkar, J P Sridhar	Optimal location of series capacitor for reducing transmission losses and improving economy of power system	626045	224-227
40	177	G N Keshava Murthy, Akhilesh S, Arpitha K N, Yashaswini R, Janhavi T S	Automated Smart Dustbin Using ESP32	626047	228-232
41	179	Hema Kumar Goru, B Rama Krishna, Damodar Panigrahy	Multivariate fast iterative filtering algorithm for denoising of ocular artifacts in EEG	626049	233-238
42	183	Manjula Gururaj Rao, Usha Divakarala, K Hemant Kumar Reddy, Priyanka H, Ch Sree Kumar	A Multimodal Approach Utilizing the IOMT to Address Both the Pandemic and its Aftermath	626051	239-245
43	184	Remya Jayachandran, Annangi Saikiran Babu, K P Yashika, K S Nishaan Kushalappa, Aniruddh Adiga, Shreya B Raj, Mrudula N, Meghana S, Chandana K B	NeuroPredict: A Comprehensive Approach for Alzheimer's Disease Prediction and Development of a Medical Assisting Kit	626053	246-251
44	185	Upnesh Lamba, Dinesh Kumar Atal, and Saravjeet Singh	A Graphical User Interface for ECG Features Extraction and Classification	626055	252-255
45	189	Manjula Gururaj Rao, Cinhana Salonkar, Daksha A Rai, Disha D Poojari, J Nithya	Bilingual Translation Using a Novel Framework	626057	256-261
46	190	Anoushka Ameet Kurthukoti, Chaitanya D J, Shilpa R, Ananya R Bharadwaj, Anagha K, Thashwin R	Smart Cabins of Tomorrow- An IOT Touch	626059	262-266

47	193	Leo John Baptist Andrews, Janani Selvam, Divya Midhun Chakkaravarthy, Sarathkumar D, Raymon Antony Raj, and Sheik Sidthik Akbar	The identification of conflicting determinations of anomalies in computer network behaviour: Cyber Security in Smart Cities	626061	267-271
48	195	G N Keshava Murthy, Abhiraj Kumar, Thanuja V G, Rohit Sharma, Neha Reddy S L, Abhinav Anand	Automated Water Monitoring and Regulation System using Internet of things	626063	272-276
49	203	G N Keshava Murthy	Computational Methods for Assessment of Lung Infection Based on Chest Scan Images of COVID-19 Patients.	626065	277-279
50	206	Shubhashree S, Manisha G, Ashwini Kodipalli, Trupthi Rao, Manjunatha Reddy H S	Optimizing Deep Learning for Facemask Detection: A Comparative Study of Optimizers	626067	280-283
51	207	Amith K R, Keerthana Rao, Ashwini Kodipalli, Trupthi Rao, Rohini B R, Kiran Y C	Comparative study of various optimizers and transfer learning methods of Rice Leaf Disease detection using CNN	626069	284-289
52	208	K Akshitha, Bhagyashree A M, Ashwini Kodipalli, Trupthi Rao, Rohini B R, Gargi N	An Approach for Ranking Cyber Crime using Fuzzy AHP & Fuzzy TOPSIS	626071	290-296
53	209	Bharat M, Gowtham S, S Vedanth, Ashwini Kodipalli, Trupthi Rao, Rohini B R	Predicting Alzheimer's Disease Progression through Machine Learning Algorithms	626073	297-301
54	215	Arnav Aggarwal, Ronit Kumar, Navdeep Singh Jakhar, Gouthaman P	LIVE TRACKING OF METRO RAIL USING INTERNET OF THINGS	626075	302-306
55	217	Bhavana N, Govind Sreekar Shenoy	Empowering Communication : Harnessing CNN and Mediapipe for Sign Language Interpretation	626077	307-314
56	227	Amrutha K R, Kavyashree M K, Shreelatha G U	Cloud Based Online Bus Ticket System	626079	315-319
57	231	Nuthanakanti Bhaskar, Suraya Mubeen, G. V. Ashritha, Sanjeev Bandru, Marri Sireesha, Voruganti Naresh Kumar	APC System: A system for the Blind and Deaf who face Visual and Depth perception challenges	626081	320-324



58	238	Sudhansu Shekhar Patra, Mahmoud Al Ahmad, Maisa Diab	Analysis and Performance Evaluation of OpenFlow Controller in SDN using N-policy	626083	325-329
59	240	N M Deepak Patel, H V Kumaraswamy	Design of 28/38GHz dual-band vertically stacked dipole antenna for millimeter-wave 5G communication	626085	330-335
60	242	Satyam Sinha, Aditya Raj Sinha, Chandrashis Ghose, Hrishabh Bhardwaj, Jagannath Singh	Automated Detection of Potato Plant Diseases using Machine Learning Algorithms	626087	336-341
61	254	Thenmozhi T, Monisha, P,Anusha, G,Tharish K,Seshadhri V,Madeshwaran G	Hearing Aiding System for Impaired	626089	342-344
62	255	Madugula Pavan Kumar, M Rama Prasad Reddy, Kuppannagari Thisitha, Myla Vyshnavi, Chakrala Suri	A Novel Hybrid GA-TLBO Algorithm for Minimization of Power Generation Cost	626091	345-349
63	256	Basel A Dabwan, Fekry A Olayah, Mukti E Jadhav, Mohammed Al Yami, Hamad A Abosaq, Yahya A Abdelrahman	Real-time System for Translating American Sign Language to Text Using Robust Techniques	626093	350-355
64	257	Archana S Nadhan, I Jeena Jacob	Next-Gen Image Shielding: Deep Learning's Stealthy Image Encryption for Health-Tech IoT	626095	356-361
65	259	Amulya A Shetty, Adithya Balasubramanyam, Pushpa G	Smart IV Bag monitoring and alert system	626097	362-366
66	260	N Samanvita, Shashwat Dixit, Singaravelan A, Karthiganesh Durai,	Exploring Thermometer Code Addition and Subtraction in Quantum Computing	626099	367-372
67	263	Nongmeikapam Thoiba Singh,Charnpreet Kaur, Puneet Kaur, Navjot Kumari, Asem Debala Chanu	Machine Learning-Based Disease Diagnosis in Healthcare: A Focus on Brain Tumor Detection	626101	373-378
68	265	Manimala V, Dr N Gunavathi	Experimental study on THz-FSS structures using SIW Technology	626103	279-382

69	268	Ananth Kumar M S, Niranjan L, Anuradha M G, Parthasarathy P, Venkatesh M, Imtiyaz Ahmed B K	ADS-based redeployment strategy for wireless sensor networks to improve coverage time and distance.	626105	383-388
70	269	Shashidhar R, Aprameya C V, Raghav R Bharadwaj, Sumit M Gontamar, Kruthika Hirebasur Krishnappa	Seismic Signal Processing and Aftershock Analysis using Machine Learning	626107	389-397
71	273	Preetam Nayak, Sreelagana Basu, Akshaya K. Pati, Sarita Nanda	Real-time IoT-based Power Quality Event Monitoring System for Smart Grid Application	626109	398-402
72	274	Mehedi Hasan Imran, Pintu Chandra Shill	Automatic Classification and Localization of Lung Diseases from Chest X-Ray Images using Deep Learning	626111	403-408
73	276	Deekshitha S Nayak, Anubhav Kumar Pandey	A Cost-effective method to detect Structural Damage by employing IOT	626113	409-412
74	279	Nivedika Kher, Kamaldeep Boora, Vikram Kumar	DTMF-Based Digitally Controlled HomeAutomation: Hardware Experimentation and Implementation	626115	413-419
75	291	U Kruthika, Surekha Paneerselvam	Enhancing Boiler-turbine trajectory tracking with LQR-optimized PID control strategy	626117	420-426
76	293	Priyanka K, Prasanna Kumar M J, N Sridhara , Vijay Kumar M S	IoT-driven Transformation of Poultry Farming: Ensuring Health, Hygiene and Efficiency	626119	427-431
77	295	P Balaji, D Devasena, S Kayalvizhi, N Aarthikannan	IoT-Empowered Precision Agricultural Multi-rotor Drones: A Revolutionary approach for Sustainable Farming	626121	432-436
78	296	Harshita Bhimarapu, Sakshi Bhelkar, Rahul Agrawal, Nekita Chavhan, Chetan Dhule	Customer Segmentation Based on E-Commerce Using K-Mean Clustering	626123	437-441
79	297	B Kaushik, Vinay Kumar M, Sirisha Tadepalli, Ashish Vats, Bhargav R	EOG-based Blink Authentication	626125	442-446
80	298	Sheela S, Mahesh kumar D, Naveen K B ,Modugu Krishnaiah, Basavaraju N M, Mallikarjunaswamy S	An efficient vehicle to vehicle communication system using intelligent transportation system	626127	447-452

81	300	Lokesh C, Supriha M R, Manoj Kumar S B, Rekha K R, Pavan Das	Dynamic Power Synthesis Techniques for Combinational Circuit	626129	453-459
82	303	K Jaswanth, M Rama Prasad Reddy, Kuruva Jagadeesh, Chakali Naresh, Ediga Dinesh	Dynamic Optimization of Capacitor Placement in Distribution Networks: An Adaptive PSO Approach	626131	460-466
83	304	Jayashree L, Archana H R, K Poornima Kamath, Surendra H H	Analysis and Implementation of Graphene Nanoribbon Field Effect Transistor based SRAM Cell	626133	467-471
84	309	Kavya B M, Sharmila N, Naveen K B, Mallikarjunaswamy S, Manu K S, Manjunatha S	A Machine learning based smart grid for home power management using cloud-edge computing system	626135	472-477
85	313	Philip Paul Arunodhayam T, Akhil Raj Vadde, Thimmampali Prasanna Kumar, Salaja Silas, Shalem Preetham Gandu, Chamarti Harshith Kumar,	Sustainable Energy Efficient Routing Protocol using Chimp algorithm and SOM for Underwater Wireless Sensor Networks	626137	478-481
86	314	Aryan Jain, Tanmay Dutta, T Senthil Kumar	Fraud Detection and Analysis System for Car Insurance Claim Using Random Forest Classifier	626139	482-486
87	316	Karthikeyan Thiagarajan, N Muthurasu, Arushi Bansal	Sentimental Analysis on Media	626141	487-491
88	317	R Thamarai Selvi, E Padma	Offering Services In Mobile Edge-Cloud Networks That Are Both Mobility-Aware And Delay-Sensitive	626143	492-497
89	318	Sreelekshmi R S, B Parvathy, Manjula G Nair	Comparative Analysis Of Battery Management System Equalization Methods	626145	498-503
90	319	S Hemajothi, Jothika R, Abinaya R, Kalpana A	IoT- Inventory Stock Management	626147	504-508
91	320	M Kanchana, Krishna Prabeesh Kakarla, Dammalapati Chetan Sai Kiran	Car Lane Detection using Deep Learning Techniques	626149	509-514
92	321	Rahul Harikumar A, Tanay Grover, M Kanchana	Deep Learning for Crime Pattern Recognition: A Study of Crime Hot Spots and High-Risk Areas	626151	515-520

93	322	Thangaraj K, Sanjeevan K S, Saruthi G, Sri Vigithra S, Sabitha V	Effective Benign Identity Prediction Among Deceptive Accounts Using Machine Learning	626153	521-526
94	323	Kuldeep Vayadande, Aishwarya Pujari, Vivek Verma, Abhishek Yeole, Sahil Zawar, Zoya Jamadar	Scaling Up Video-to-Audio Conversion: A High-Performance Architecture Approach	626155	527-533
95	324	R S Rampriya, Mohammed Junaid Alam, Sri Jayan	Autonomous Search and Rescue Agent Using Deep Reinforcement Learning	626157	534-539
96	325	Rohit Sriram, Raghav Haralalka, Jebakumar R	Image to Audio Captioning for the Visually Impaired	626159	540-544
97	326	Madhan Mohan M, Karthikeyan M, Vijayachitra S, Suji Prasad S J	Design Of Control System For 1.7mV Tandetron Accelerator by PLC and SCADA	626161	545-549
98	327	K Sugapriya	Textile Horizontal T-Shaped Ultrawide Band Microstrip Patch Antenna for WBAN Applications	626163	550-554
99	328	Ranjitha M, Umadevi R, Sathish P, B Sivasakthi	Intensification in Internet of Robotic Things (IoRT) on Diverse	626165	555-560
100	329	Sajja Tulasi Krishna, Kallam Sanjith Sai Kumar Reddy, Alapati Sai Abhinav, Sai Prashanth Padavala, Abhinaya Paricharla	Fire Incidents Detection Using Telegram Bot	626167	561-566
101	330	M Lakshmi Prasad, Guntupalli. yashaswini, Kucham rakshitha, Ch.Srinivasulu	Decoding Digits: Advancements in hand written Digit Recognition with Machine Learning Algorithms	626169	567-572
102	331	Gokila Brindha P, Sivadhanu K, ReenaSri S, Dhanushree U	Crop Recommendation Systems using Machine Learning Algorithms	626171	573-577
103	333	Aparna S. Mete, Shreyash Deshmukh, Dhanashree Dewalkar, Mrugakshi Deshmukh, Devansh Jangid, Rushikesh Dighole	A Multiservice Cab Booking Application	626173	578-582
104	335	D Kavın Kumar, S Kavitha	Secondary Prevention Of Acute Coronary Syndrome Using Data Science Analysis and Profile Representation	626175	583-588

105	336	Deepali Joshi, Sangam Patil, Sayee Chauhan, Tanuj Baware, Rohit Thakur, Sameer Naik	Smart Contract Vulnerability detection using Natural Language Processing	626177	589-594
106	337	S Hemajothi, Vimal kumar J, Sathish kumar S, Saravanan V	Stereolithography Using Poly Lactic Acid (PLA) Filament	626179	595-601
107	339	Satyaki Mukherjee, Tanya Sharma, Anshika Singh, S S Gayathri, Samiappan Dhanalakshmi	Multi-Pedestrian Detection using Hybrid ML Algorithms for Autonomous Vehicles	626181	602-605
108	340	Kalaivani N, Deva Dharshini S, Divya S, Jeya Sundari K S	The Implementation of Supervised Algorithms for Intrusion Detection for Internet of Things Devices in Smart Home	626183	606-608
109	341	Venkatesan B, Rajkumar R, Muthukumarasamy M, Nandhitha S, Rithanya S	Investigation and Validation Of Non Invasive Blood Glucose Measurement	626185	609-612
110	342	D Aakash, K Jaraline Kirubavathy, V Thulasi Bai	Environmental Analysis Using Remote Sensing Data	626187	613-619
111	343	Alakananda Chatterjee, Harini Viswanathan, Varsha Giridharan, Akila	Design and Development of Smart Farming using ML and IoT in India	626189	620-626
112	344	C Padmaja, T Kishore Kumar	Forecasting of Crop Yield using Agro IOT System	626191	627-630
113	345	Lamech Vedaraj J, Maheswaran C P	Malware Detection in Industrial IoT using Federated Cloud	626193	631-633
114	346	C Arul Stephen, A Vijayalakshmi, J Broody, J Sri Sathishkumar, Ebenezer Abishek B, Sathish kumar P	Detection of Man in the Middle Attack in 5G IoT using Machine Learning	626195	634-638
115	347	T Shanthy, Shalini P, Shahul Hameed S	Communication Between Submarines Using Li-Fi Technology	626197	639-642
116	348	V Ceronmani Sharmila, Vigneshwar S B, Akash S, Hithesh Nikhilan J	Recognition:Advancing Image Classification Using DCNN Algorithm	626199	643-646

117	349	Spriha Sinha, Vijay Kumar Yadav	Sarcasm Detection in News Headlines Using Deep Learning	626201	647-652
118	353	Ramesh S M, Selvam R, Thayanihi S, Vaideesh N, Vasanth V	Real-Time Parking Monitoring and Automatic Billing System	626203	653-657
119	354	R.Harini, R.Ranjith, A.Beautsmin	Cardiac Disease Prognostication System	626205	658-663
120	355	N Leo Bright Tennisson, B Vanathi, C Pabitha	Machine learning Techniques for Classification and prediction of structures and rocks	626207	664-668
121	357	S S Aravinth, S Srithar, P V Sivarambabu, B Naveen Kumar Reddy, A Anirudh Babu, Suraj Tata	Enhancing Medical Image Recognition through Automated Neural Network Architecture Optimization Using Neuroevolvenet	626209	669-674
122	359	SS Aravinth, S Srithar, K Pranay Joseph, U Gopala Anil Varma, G Madhu Kiran, Venkatesh jonna	Comparative Analysis of Generative AI Techniques for Addressing the Tabular Data Generation Problem in Medical Records	626211	675-679
123	360	S S Aravinth, M Kavitha, J S N Namitha, P Shri Harshini, K Sri Naveena Rani, S Thanmayee	Unveiling Hidden Ties: Exploring Community Structures in Social Networks Using Advanced Graph Analytics	626213	680-685
124	361	Kshitiz Sharma, Komal Yadav, Mahak Chaudhary, Payal Thakur	Anomaly Detection In Network Traffic Using Deep Learning	626215	686-690
125	364	Shruthi K S, Naveen B, Shivashankara S	Investigating the Impact of Dataset size on Model complexity for Leaf Disease Recognition using CNN	626217	691-695
126	366	Ravi Prakash B, Mohamadi Begum Y	Exploring DeFi Staking Mechanism: An Advanced Blockchain Comprehensive Staking Analysis	626219	696-700
127	367	Harshitha Y J, P Jayarekha	Analysis of User Behavior Patterns Using Machine Learning Algorithms	626221	701-707
128	368	Anugamini Priya Srivastava, Rahul Khurana, Mohit Yadav, Nitin Simha Vihari, Arun Balodi	Blockchain in Higher Education: Key Research Themes and Future Directions	626223	708-711

129	369	Mohit Yadav, Rahul Khurana, Nitin Simha Vihari, Arun Mittal, Arun Balodi, Anugamini Priya Srivastava	Virtual Reality in Human Resource Management: Past, Present and Future Trends	626225	712-716
130	370	Sai Santhosh V C, Riya Ponraj, Nikhil Eshwar T, Kiran K	Breaking the Boundaries of Oncological Diagnosis: A Holistic Framework for Multi-Cancer Identification and Comprehensive Diagnostic Reporting Utilizing Advanced AI and NLP	626227	717-725
131	371	Mohammad Saim, Rehma Manaal Rizvi, Mohammad Kashif Khan	Analyzing the Performance of Machine Learning and Deep Learning Models in Detecting Cyberbullying Comments	626229	726-731
132	376	Pranoti K S, Guruprasad S	A Survey on Synthesis and Analysis of EMG Signal	626231	732-736
133	377	Gowtham S, S Vedanth, Ashwini Kodipalli, Rohini B R, Gargi N, Bhavani Soma	Intelligent Crop Selection for Maximizing Agricultural Productivity: A Fuzzy TOPSIS perspective	626233	737-741
134	378	Sowmya B J, Swetha B N, Meeradevi, Anitha Kanavalli, Divyansh Mishra, Prashanth Hossale, Ankit U Patil, Abhishek Kaushik	Utility Model for Visual Recognition using Enhanced Long-term Recurrent Convolutional Network	626235	742-746
135	380	Lakshmi M J, Niharika G, Ashwini Kodipalli, Rohini B R, Gargi N, Bhavani Soma	Revolutionizing Personalized Nutrition using F-AHP, Fuzzy TOPSIS and Multicriteria Selection Analysis	626237	747-752
136	382	M Ravi Teja, Chandana Uttarkar, Ashwini Kodipalli, Rohini BR, Bhavani Soma, Gargi N	Analysis of mental and Physical health for personality development using Fuzzy AHP and Fuzzy TOPSIS	637201	753-759
137	386	Chinmai Shetty, Sadhana B, Nipun R Salian, Sanjoy Kumar Debnath, Sarojadevi H, Ramya Srikanteswara	Exploring Agartha: A Subterranean Odyssey	626239	760-765
138	390	Ajay B N, Manu K S, Preethi M	A Comprehensive Overview of the Novel Approach to Detect Alzheimer's Disease using deep learning and Convolutional Neural Network	626241	766-772
139	395	Harini S, Shobana T S, Rithik Anand, Bhuvana Ravikumar, Maria Nikitha	U-Net Based Brain Tumour Segmentation	626243	773-776

140	403	Senbagavalli M*, Saswati Debnath, Rajagopal R, Kishkind Ghildial	Facemask Detection System using CNN Model	626245	777-782
141	408	Kuldeep Vayadande, Nidhish Wakodikar, Shreenath Ubale, TilakSingh Chauhan, Vaishnavi Shivade, Kriva Oswal	Traffic Flow Optimizer: Traffic Signal Control With Vehicle Density and Algorithms	626247	783-788
142	413	Kuldeep Vayadande, Aditya Rampure, Rajvardhan Sangar, Rajwardhan Rokade, Rohit Dhage, Aarya Sawane	MetaNexus: Connecting Worlds, Redefining Reality	626249	789-794
143	415	R.Vinaykumar, Khaja Bajid, Hemalatha D S, Sunaina M Patil, Vivek Raman S	Advanced Features for Electric Vehicle: The Future Smart Transportation	626251	795-798
144	418	Pankaj Palta, Munish Rattan, Jalandhar.	Design of Microstrip Patch Antenna for WBAN Applications with Defective Ground Structure	626253	799-802
145	419	Vishwanath B R, Puttaswamy P S	Three-Phase Cascade H-bridge Inverters: A Comparative Study of GOA and FGOA for Selective Harmonic Elimination	626255	803-808
146	423	Tarang Ghetia, Nirmal Patel, Ckewyn Chawda, Shakti Mishra, Yogesh Kumar	Automated Cervical Cancer Prediction using Ensemble Machine Learning based Approaches	626257	809-815
147	424	Akhil Jethwa, Manav Sanghvi, Vraj Shah, Yogesh Kumar	Advancements in Image Classification for Malaria Diagnosis	626259	816-821
148	428	Anasuya N Jadagerimath, Mallikarjunaswamy S, Mahesh kumar D, Sheela S, Prakash	A machine learning based consumer power management system using smart grid	626261	822-826
149	429	Anusha M N, Prafulla P S, Prabhavathi K, Divyashree R H, Kiran, Srividya C N	Intelligent Recognition of Leaf Abnormalities Using Deep Learning Method	626263	827-831
150	435	S SenthilPandi, P Kumar, Salman Latheef T A	Projection of Plant Leaf Disease Using Support Vector Machine Algorithm	626265	832-837
151	437	S SenthilPandi, V Rahul Chiranjeevi, Kanimozhi S, M Ishwarya	Automatic Lung Disease Detection and Diagnosis Using Optimized Fuzzy Filter and Deep Learning method	626267	838-842



152	438	S SenthilPandi, Vishnu S, Zubair Ali L, Sudharsan V, Kumaragurubaran T, Sooraj Nikam P	Brain MRI Image Segmentation and Classification using PCA-SVM and CNN	626269	843-847
153	439	Jyothi S, Mallikarjunaswamy S, Kavitha M, Narendra Kumar, Sharmila N, Kavya B M	A machine learning based power load prediction system for smart grid energy management	626271	848-853
154	441	Venkateswara Reddy B, Khader Basha SK, Roja D, NagaMalleswara Rao Purimetla, Sai Srinivas Vellela, K Kiran Kumar	Detection of DDoS Attack in IoT Networks Using Sample elected RNN-ELM	626273	854-860
155	442	Prathiksha S Raj, R Ashok Kumar, Gouripriya V, Aniruddha Prabhu, Aditya Adiga, Preetha S	Predictive analytics of daily activities on a Mobile Device using Shallow CNN model	626275	861-866
156	446	E S R Ravi Kumar, Suresh Babu Chandolu, K Parish Venkata Kumar, Muvva Venkateswara Rao, V Muralidhar, Kaja Nagarjuna, Sai Srinivas Vellela	UAVC: Unmanned Aerial Vehicle Communication Using a Coot Optimization-Based Energy Efficient Routing Protocol	626277	867-871
157	448	Kuldeep Vayadande, Suyash Bhemde, Varun Rajguru, Pratik Ugile, Rahul Lade, Nishith Raut	AI-Based Image Generator Web Application using OpenAI's DALL-E System	626279	872-876
158	449	Basel A Dabwan, Fekry A Olayah, Mukti E Jadhav, Ahlam F Shamsan	American gesture Language Detection Using Transfer Learning and EfficientnetB1 Technique	626281	877-880
159	450	Mahima A Shejwadkar, R Ashok Kumar	Unraveling the Mysteries of Mind-Wandering and Meditation: A Comprehensive Investigation using Deep Learning	626283	881-887
160	457	Srilakshmi K H, Akshay Kumar V, Vaishali Singh	From Data Packets to Secure Networks with Advanced Analytical Frameworks for a Comprehensive Understanding of Threat Landscapes	626285	888-893
161	458	Srilakshmi K H, Ananya Saha, Girija Shankar Sahoo	The Rise of Advanced Computational Techniques for Holistic Analysis of Human Gaze Behavior and Its Significance	626287	894-899

162	459	Dhyan Chandra Yadav, Renuka Bhagwat, Ananya Saha	Quantum Computing Enhancements in Deep Learning Models for Cybersecurity	626289	900-905
163	460	Ritesh Kumar, Renuka Bhagwat, Akshay Kumar V	Advanced Neural Network Models for Predictive Analytics and Healthcare Management in Neurodegenerative Diseases	626291	906-911
164	461	Azra Jeelani, Chittamuru Vaishnawi, Rakesh Kumar Yadav	Leveraging Deep Learning Techniques for Profiling and Categorizing Lung and Pancreatic Tumors	626293	912-917
165	468	Abhishek Dutta, Rakesh Kumar Yadav, Muthupandi G	The Convergence of Modern Digital Solutions with Online Retail Offers a Comprehensive Examination from Seller and Buyer Standpoints	626295	918-923
166	469	Beemkumar N, B P Singh, Anilloy Frank	Harnessing Advanced Computational Techniques for Efficient Handling of Nanoscale Thermal Analysis Instruments via Flexible Architectures	626297	924-929
167	470	Gowrishankar J, Ritesh Kumar, Dharmesh Kumar Srivastava	The Role of Modern Machine Intelligence in Decoding Activity Patterns from Visual Data of Various Organisms	626299	930-935
168	471	A Kannagi, Pavan Chaudhary, Prabhu T	Bridging Diverse Business Domains through Optimized Digital Platforms in Industrial Syndicates	626301	936-941
169	472	A Kannagi, Kalyan Acharjya, Prabhu T	Pioneering Approaches for Accurate Vocal Anomaly Detection Using State-of-the-Art Machine Learning Models	626303	942-947
170	473	Manikandan M, A Rengarajan, Preeti Naval	Hybrid Approach for Accurate Vocal Anomaly Detection Using State-of-the-Art	626305	948-952
171	474	Ananta Charan Ojha, Ankita Agarwal, G Swetha	Generative Adversarial Networks for Cybersecurity Threat	626307	953-958
172	475	Akhilendra Pratap Singh, Prabhu T, Deepak Mehta	Next-Generation Protocols for Enhanced Connectivity in Heterogeneous IoT	626309	959-965
173	476	Sreenivasappa B V, Anoop A, Preeti Naval	Deep Reinforcement Learning in Automated Network Vulnerability Detection	626311	966-970
174	477	Sreenivasappa B V, Ansuman Jayak, Megha Pandeya	A Unified Framework for Classification with Camera-Guided Labeling Approach	626313	971-976

175	478	K Gunavathy, Ankita Agarwal, Nipun Sharma	Unstructured Healthcare Statistics Exploration Consuming Modest Ensemble Machine Learning Methods	626315	977-981
176	479	K Gunavathy, Megha Pandeya, R Sekar	Healthcare Data Analysis using Competitive Ensemble Deep Learning Model	626317	982-986
177	480	Kalyan Achariya, Manikandan M, Adlin Jebakumari S	Accurate Breast Tumor Identification Using Cutting-Edge Deep Learning	626319	987-991
178	481	Shweta Singh, Rajiv Ranjan Singh, A Rengarajan	Modern Systems and Algorithms for Enhanced Personal Well-being Data Management	626321	992-996
179	482	Adlin Jebakumari S, Girija Shankar Sahoo, Srilakshmi K H	Empowering Computational Scientists with Data through Cutting-Edge Techniques for Comprehensive High-Performance Computing Analysis	626323	997-1002
180	484	Ravi L S, Naveen K B	Digital system design of ALU using Reversible logic gates	626325	1003-1007
181	494	Shashidhara H S, Saish K Kalbag, Tanya Mathias, Srinivasa K G, Niranjnamurthy M	Parkinson's Disease Detection using Hand Drawn Spirals & Waves	626327	1008-1014
182	497	Siddika Sabahath Anjum, Shruthi K M, Naziya Farheen H S, Anusha M N	Ensemble Neural Network Based Fish Species Identification for Emerging Aquaculture Application	626329	1015-1020
183	501	Shalini M G, Naveen K B	Design and Analysis of M-cut Patch Antenna for advanced Energy Harvesting Applications: Radiation Characteristics and Optimization	626331	1021-1026
184	505	Goutham V, Lakshmi D L, Naveen B	Streamlining Drone Battery Charging: The Power of Wireless Transmission and Embedded Automation	626333	1027-1031
185	507	Manojkumar S B, Srividya C N, Vishwanath B R, Sandeep V R	Classification of Fall Detection Based on Daily Living Activities Using Machine Learning Approach	626335	1032-1037
186	508	Manojkumar S B, Jayanth Kumar A R, Koustubha S, Leela D C, Gagana K N	Weather Forecasting using Application Programming Interface	626337	1038-1043
187	510	Samyuktha S, Anandaraju M B	Machine Learning Approach to Predict ADHD Types Using EEG Signal Data	626339	1044-1047