2021 IEEE Mysore Sub Section International Conference (MysuruCon 2021)

Hassan, India 24-25 October 2021



IEEE Catalog Number: CFP21AJ0-POD

ISBN:

978-1-6654-1143-1

Copyright © 2021 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:
 CFP21AJ0-POD

 ISBN (Print-On-Demand):
 978-1-6654-1143-1

 ISBN (Online):
 978-1-6654-3888-9

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 Web: www.proceedings.com



Sl. No	Paper ID	Name of the Authors	Paper title	Page No
1	43	Debayan Sarkar, Raja Kishore Sahoo, Anand Kumar, Pradip Kumar Sadhu	Comprehensive performance analysis of different MPPT algorithms for Building Integrated Photovoltaic system	1-6
2	44	Rashmi Behera, Kumar Sangam, BHM Darukesha, Jolie R, Pragati Swami, Suma S Lonakdi, Shilpa K, Ramachandra Reddy, Kamaljeet Singh, A V Nirmal	Process Challenges and Mitigation Techniques for Realization of RF Modules at Millimeter-wave Frequencies	7-12
3	273	Mandahadi Kusuma, Dedy Hariyadi, Fazlurrahman, Muhammad Agung Nugroho	The Bibliometric Analysis the Digital Forensics Researcher in Indonesia Based on Garba Rujukan Digital: 2008-2020	13-17
4	450	Raghu Pilli, N. Lakshmi Narasimhan, Pawan Kumar Bhargav, Geetha S, Jothy Soman, P. S. Sura	Time-delay Digital Tanlock Loop based demodulators in FPGA	18-23
5	461	Rahul Malhotra, Srishti Sharma, Rajiv Nehra	Miniaturized patch antenna that uses corner triangles with cloud shape DGS	24-28
6	472	Fatsuma Jauro*, Abdulsalam Ya'u Gital, Aminu Onimisi Abdulsalami, Fatima Umar Zambuk, Hafsat Suleiman Jalo, Mohammed Abdullahi, Haruna Chiroma Mubarak Almutairi	Investigating the Influence of Multiple Parameter Settings on Selected Metaheuristic Algorithms	29-35
7	97	Pardip Dowrah, Kham Muan Lian, Jeush D Sangma, Ferdinand Dkhar and Shaik Affijulla	Estimation Techniques for Power System Inertia: A Simulation Oriented Review	36-41
8	282	Mobolanle Bello, Prashant Pillai, Ali Sadiq	An Intelligent Hybrid Radio Access Technology Selection Algorithm for 5G-Satellite Network	42-49
9	287	Debosmit Neogi, Nataraj Das, Suman Deb	Blink-Con: A Hands Free Mouse Pointer Control With Eye Gaze Tracking	50-57
10	377	Gabriel Caffarena, Rafael Raya, Eloy Urendes, Abraham Otero, Daniel Mennard	Teaching Embedded Systems in Biomedical Engineering degrees: A case study	58-64
11	454	Aman Kumar, Prince Kumar, Paritosh Gadekar, Akshita Jain, Supriya Jaiswal, Chetan Khadse	Artificial intelligence and magnetic field based fault detection system for microgrid	65-69
12	10	Vinoth Kumar K, Josh F T, Vinodha K, Ramya K C, Shanty Chacko, Gunapriya B	Execution of smart electric vehicle charging station driven by RE technology	70-73
13	14	Harsha Halesh Patel, Hindu Shree C T, Jayanth S, Keerti D Kulkarni, Pushpa Mala S	A Machine Learning Approach to Estimate the Habitation on the Lakefront: A Case Study	74-78
14	29	Gayathri Devi Nagalapuram, Roopashree S, Varshashree D, Dheeraj D, Donal Jovian Nazareth	Controlling Media Player with Hand Gestures using Convolutional Neural	79-86

			Network	
15	37	Vighnesh Shenoy, Santhosh KV	Characterization of orifice performance using Computational Fluid Dynamics	87-91
16	48	Sweety Jain, Anushka Singh, Shweta N. Shah, Roshna Lalam, Deeksha Saxena	Machine Learning-Based Real-Time Traffic Control System	92-97
17	54	Vijaya Murari T, Ravishankar K C, Raghu M E	Selective Encryption of the Audio Extracted from the Video Streamed Over the Content Delivery Network	98-102
18	63	Sanjana Rao, VidyashreeT S, Manasa M, Bindushree V, C. Gururaj	Optimal Lossless Data Compression Methodolgy	103-107
19	65	Saurab.B, Arunkumar P	Ultra-Low Power, Area Efficient and High-Speed Voltage Level Shifter based on Wilson Current Mirror	108-113
20	68	Nayana BU, Deepali Koppad	High Bandwidth Multi- Modulus Clock Divider	114-119
21	70	Arpitha O Naik, Elizabeth Kuruvilla, Arunkumar P	Integration and Verification of IP Cores on SoC	120-125
22	388	Bharath M.R, K.A Radhakrishna Rao	Multi-Modal Biometric Age Prediction Through Deep Learning Framework	126-132
23	74	T.Shathish Kumar, B.Booba	A Systematic Study on Machine Learning Techniques for Predicting Software Faults	133-136
24	84	PrashantBachanna, BaswarajGadgay	Design and Implementation of FPGA Based Dynamically Re- Configurable Processor for Machine Learning Systems	137-141
25	92	Prajwal Raju P, Poojashree B, Devaraju R, Pushpa Mala S	A Polyhouse: Autonomous Navigation using IOT Technologies & CNN	142-146
26	93	Gnanavel C, Muruganantham P, Vanchinathan K, Johny Renoald A	Experimental Validation and Integration of Solar PV Fed Modular Multilevel Inverter (MMI) and Flywheel Storage System	147-153
27	99	Shwetha R. Prasanna, Maria Bency, Premananda B.S	Design and Implementation of Power and Area Efficient Phase Frequency Detector	154-158
28	101	Abhishek NM, Nitish Bhat, Vijayalakshmi M, AkshataPatil, Ayesha Sotakanal	Enhanced Genetic Algorithm with Dispatching Rules and Diploid Multi-parent Evolution	159-164
29	104	Nagamani H.S, Dr. H Saroja Devi	Plant leaf Disease	165-171

			Detection using CCV and	
20	110	A characterized A maissai Secietic D	LGBPHS	172-176
30	112	AchyutprasadAnnigeri, Sujatha B	Optimized Domestic	1/2-1/6
			Water Quality and Consumption Monitoring	
			System based on IoT	
31	113	Shivalingaiah K L, Jyoti Koujalagi	Performance Analysis of Switched	177-180
			Reluctance Motor for two Stator Winding	
			Configurations	
32	115	Sivaranjani S, Hemanila D	Automated Trickle Irrigation System Using Solar Panel	181-185
33	117	Sivaranjani.S, Santhiya A	Design of Compact and	186-190
			Circularly Polarized	
			Slotted Patch Antenna for Wideband Applications	
34	127	AkashBharadwaj N, Muhammad	Optimized FPGA	191-196
		Afsar, Kapish Kumar Khaitan, Rahul, C. Gururaj	Implementation and	
		Kanui, C. Gururaj	Synthesis of Image Segmentation Techniques	
35	40	Rahul Chikkodi, Pratap Vangol,		197-201
		Mahesh A, Ashutosh Kedar	Wide-Scan and Wideband Antenna Array Design	
			for Phased Array applications in X-band	
36	61	Meenakshi Lakshminarayanan, Neha Sara John, Janamejaya	Devising High Fidelity Synthetic Data using	202-205
		Channegowda, Aditya Raj, Falak Naaz	Generative Adversarial Networks for Energy	
			Storage Systems	
37	62	Chalukya Bhat, Janamejaya	Accurate Equivalent	206-209
		Channegowda, Shilpa Chaudhari, Kali Naraharisetti	Circuit Parameter Estimation	
		Kan ivaranarisetti	Using Electrochemical	
			Battery Modelling for	
			Pulsed	
38	86	N.Ramavenkateswaran, Vishwanatha	Load Applications Safety Mechanism	210-214
30	00	M S, Prasannkumar Y Shivayogi	Implementation for Fault	210-214
		, , , , , , , , , , , , , , , , , , , ,	in the	
39	106	Chalukya Bhat, Aniruddh Herle,	Memory Measurement Noise	215-219
39	100	Janamejaya Channegowda, Kali	Mitigation Using Cascaded	213-219
		Naraharisetti	Unscented Kalman Filter	
40	133	Mahesha Y, Nagaraju C	Machine Learning Approach to Detect	220-226
			Congenital Heart Diseases	
			using Angle at Axial	
			Triradius	
41	142	Loo Chee Hin, Vazeerudeen Abdul	An Intelligent Smart Bin	227-231
		Hameed, Hemalata Vasudavan,	for Waste Management	
		Muhammad Ehsan Rana		

42	155	A 'd MC II' II III	N. 1. 1 . 1 . 1	222 227
42	155	Arpitha T C, Kiran Kumar H K, Sanjay H S [*] , Rohan Aradhya, Prithvi B S	Machine learning based prediction of the best suitable playing positions of the players in the game	232-237
			of basketball	
43	161	Sirisha M, Sanjana B, Vishal	Evaluation of Machine	238-243
		Goutham N, Surekha Borra	Learning Models for Real-Time Sign	
			Recognition	
44	167	Shagun Saboo, Srishti Gupta, Isha	Diagnosing Mental Health	244-248
		Nailwal, Rithik Gandhi, Sameer Rana	Patient While Maintaining Anonymity	
45	200	Prabakaran D, Sheela K	A Strong Authentication	249-254
			For Fortifying Wireless Healthcare Sensor	
			Network Using Elliptical	
46	201	Kavya Rani S R, Soundarya B C,	Curve Cryptography Comprehensive Analysis	255-262
70	201	Gururaj H L, Janhavi V	of Various Cyber Attacks	233-202
47	203	Jaydip Sen, Abhishek Dutta, Sidra	Stock Portfolio	263-271
		Mehtab	Optimization Using a Deep Learning LSTM Model	
48	204	Nikhil K.J, Premananda B.S	Generation of Flash	272-278
			Containers in PDX Format for Automotive Secure	
			Gateway	
49	211	Shagun Chaudhary, Alka Singh	Simplified Optimized	279-284
			Fuzzy Logic Controller for Maximum Power Point	
			Tracking in PV Array	
			under Partial Shading Conditions	
50	212	K Darshan, Kadam Yashwant, Kumar	Impact Analysis and	285-288
		Sushant Ranjan, Tarun Chaudhary,	Simulation of Cylindrical Nanowire Biosensor	
		P.Vimala, Usha C	Nanowire Biosensor	
51	215	Ananda Chatterjee, Hrisav Bhowmick,		289-296
		Jaydip Sen	Using Time Series, Econometric, Machine	
			Learning, and Deep	
50	216	Ciding and INI D. 1. 1.27	Learning Models	207.201
52	216	Siddarameshwara HN, Prashanth M Katageri, Prabhanjan R, Nisahathfaree	Development of PV/ Wind/ Generator based	297-301
		Anusha P	Grid Integrated Hybrid	
53	217	Rikon Ghosh, Sukarna Nag, Rajarshi	Energy System A Software-based	302-306
33	417	Gupta Gupta	Linearization Technique	304-300
			for Thermocouples using	
54	218	P Vimala, Vishvendra Singh, Sameer	Recurrent Neural Network Performance and	307-311
34	210	Gautam, Tanvi Vijay, Saurabh Singh,	Characteristic Analysis of	50, 511
		T.S. Arunsamuel	Graphene Field Effect	
			Transistor with Different Channel Widths	
55	223	Naveen Kumar G N, Jeevith R, Sai	Development of Leftover	312-321
		SushanthNukala, Manoj Kumar V, Sahana. P. Shankar, SrikanthKandarp	food management system using efficient hunger	
		Zanana. 1. Znankar, Drikanankarp	some continuity	

			search techniques	
56	224	S Sethu Selvi, Dhananjaya Kumar M	Deep Reinforcement	322-327
30	224	V, Lohith N V, M P Venkatesh	Learning Algorithms	322-321
		Bhardwaj, Kartik S Shetty	for Multi-Agent Systems –	
		Bhardwaj, Kartik S Sheuy	A Solution for Modeling	
			Epidemics	
57	226	A the arrange of the marie Chemonic		220 224
37	226	AtharyTendolkar, AmitChoraria,	A DifferentialDrive Bot	328-334
		Arjun Hariharan, Manohara Pai M. M	named Box-I-Bot	
			withIntelligent Routing	
			Infrastructure for	
			remoteinventory	
			monitoring in warehouses	
58	230	Apoorva Y S, Sara Mohan George	Smart Shoes for Gait and	335-340
			Mobility Assessment	
59	232	Neha Ann Nainan, Jeevika H,	Real Time Face Mask	341-345
		Rashmit Jalan, Ramya Shree N,	Detection using	
		Karthik V C, Sahana P. Shankar	MobileNetV2 and	
			InceptionV3 Models	
60	235	Raveendra Reddy Medam,	Techno-Economic	346-351
""		K.Kavitha, T.Chandrashekar,	Analysis of Hybrid	
		Tantana, Tronundrughonus,	Renewable Energy based	
			Community Microgrid	
			Community Wherogrid	
61	238	R. Nishanthini, B. Srimathi, R.	Deep Learning on	352-357
01	230	Senthil Kumaran, I.Yamuna	Healthcare Ecosystem	332-337
		Sentini Kumaran, 1. 1 amuna	using Blockchain Based	
			Security System	
62	245	Rohit John Jacob, Rutuja J Kamat,	Voting Based Ensemble	358-365
02	243		Classification for Software	336-303
		Sahithya N M, Sharon Saji John,		
		Sahana P. Shankar	Defect Prediction	
63	241	Tejaswini H, Manohara Pai M M,	Knowledge Graph for	366-371
05	2.1	Radhika M Pai	Aquaculture	300 371
		radima ivi i ui	Recommendation System	
64	73	Manoj R. Hans, Mrudula B.	Comparative Analysis of	372-377
04	73	Gaikwad, Manoj Kumar Nigam,	The Traditional Perturb	312-311
		Brijesh Patel	and Observe with Studied	
		Drijesh i atei		
			FPPT Method and Fuzzy Logic Control Strategy	
			Based P and O for the	
			MPPT of a Photovoltaic	
	22.5	W.1	System	270.207
65	325	Krishnaveni D, Supriya K, Suhas H	The 24×24 Reversible	378-385
		R, Varshini N, Sushma R, Geetha	Vedic Multiplier	
		Priya M		
66		Venkata Krishna Rao Maddela,	Durational and	386-393
	326	Bhaskararao Peri	Formantshift	
			characteristics of Telugu	
			alveolar and bilabial nasal	
			phonemes	
67	330	Shreedevi P, H S Mohana	An Improved Local Binary	394-398
			Pattern Algorithm for Face	
			Recognition Applications	
68	334	Y C A Padmanabha Reddy,	A Smart Environment	399-404
	-	T.Parameswaran, R.Sathiyaraj	Monitoring Framework	-
		,	Using Big Data and IoT	
69	337	Joshada Nondan Chanda, Imtiaz	Healthcare Monitoring	405-410
	551	Akber Chowdhury, Md. Peyaru,	System for Dedicated	.00 110
<u> </u>		1 Index end wanting, wid. I cyalu,	System for Dedicated	

		Shoron Barua, Monirul Islam,	COVID-19 Hospitals or	
		Mehedi Hasan	Isolation Centers	
70	345	Darshan G, Yagnesh V. Waghela, Champa V	Radiated Emission Analysis of Switching Regulators used in Laptops	411-416
71	347	Monisha R, Sridhar H.S, Manojna	Performance Analysis of Transformer-Less Inverter Topologies for PV Applications	417-422
72	351	Uma Rani K, Sharvari. S. S, Umesh. M. G, Vinay. B. C	Binary Classification of Alzheimer's disease using MRI images and Support Vector Machine	423-426
73	352	Bhargavi Mokashi, Vandana S.Bhat, Jagadeesh D Pujari, Lalith Sagar J	Dual Watermarking Technique for Image Authentication using Biometrics	427-432
74	517	SeemaBarda, Prabhjot Singh Manocha	Comparative Analysis between the performance of Cochlear Implant and Hearing Aid	433-439
75	360	Santosh M Nagashetti, Sharanagouda Biradar, Srinidhi D Dambal, C.G. Raghavendra, Parameshachari B D	Detection of Disease in Bombyx Mori Silkworm by using Image Analysis Approach	440-444
76	378	Lakshmi H R, Surekha Borra	A Hybrid Reversible Image Watermarking Technique based on Fractal Encryption and Grey Wolf Optimization	445-449
77	379	Isha Sharma, Siddhanth Vinod, Anshik Jain, Mohit Kumar, P Vimala, T.S. Arun Samuel	Computation of Carrier Concentration for different Semiconductor Materials	450-454
78	389	Raghavendra M, Sunitha N R	Context Aware Routing in RPL	455-462
79	393	Alisha Maini, Navan Kakwani, Ranjitha B, Shreya M K, Bharathi R	Improving the performance of Semantic-Based Phishing Detection System through Ensemble Learning Method	463-469
80	400	Manohar P, Mallikarjun S Holi	Retrospective methods of Shade correction for Diabetic Retinopathy images	470-476
81	405	Kanishka S, Piyush Srichandan, Ayushi Tiwari, Ayush Shukla, Debashis Maji	Fabrication of 2D/3D Paper based Microfluidic Channels using Canvas Sheets and Tissue Papers	477-481
82	406	Deepika K C, G Shivakumar	Hybrid CNN-Ensemble based Classifier for Touchless Fingerprint Classification	482-486
83	408	Suraj Dhalwar, Sunidhi Ashtekar, Anuradha Pasupathy, Nagesh Poojary	Computer Vision Based Vehicle Intension Finding by Understanding Driver Hand Signal	487-491
84	411	Amogh Gajare, Yogesh Tembe, AmeySonje, Sayli Sawant, Rajani	CircuitScribe: Block Diagram based Circuit	492-497

		Mangala	Simulation Application	
85	416	Selaelo Freda Legodi, Hanifa Abdullah, Parameshachari B D,	Assessing the impact of information privacy protection awareness among online users and consumers	498-504
86	418	Jayasudha B S K, P N Sudha, Rachana S, Sahana. Anagha A Kashyap, Anusha L	Machine learning techniques for cardiovascular risk score – prediction	505-509
87	421	Perini PraveenaSri, Vaddi Naga Padma Prasuna	Cost Effectiveness of Thermal Power plants: Application of Least Squares Econometric Models	510-517
88	423	Akanksha Soni	Performance Analysis of Classification Algorithms on Liver Disease Detection	518-522
89	246	Sunil K V, Swaroop Kumar M L, Sajitha Banjan, Usha S Diggi	MVAi: A Framework and Three Stage Approach to Defect Detection	523-529
90	430	Praveenkumar Chandran, Sangeetha N, Shalini M, Srijanani O	Design and Simulation Analysis of Modified Single Switch SEPIC Converter for BLDC Motor	530-537
91	435	Aastha Agarwal, Sai Keerthana, Rahul Reddy, Afraz Moqueem	Prediction of Bitcoin, Litecoin and Ethereum trends using State-of-Art Algorithms	538-545
92	298	Shubhajoy Das, Debashis Das	Skin lesion segmentation and classification: A Deep Learning and Markovian Approach	546-551
93	444	Abhishek Sharma, Umesh Kumar Singh, Kamal Upreti, Nishant Kumar, Suyash Kumar Singh	A Comparative analysis of security issues & vulnerabilities of leading Cloud Service Providers and in-house University Cloud platform for hosting E-Educational applications	552-560
94	448	Pratiksha Sarma, Tulshi Bezboruah	Design and Implementation of a GUI based Automatic Thermostat Controller	561-565
95	453	M D Nandeesh	Multimodal Image Fusion using Hybrid Algorithms for Brain Tumor Detection	566-571
96	459	Manoj R Hans, Sonam Y. Kalbhage, Manoj K. Nigam, Brijesh Patel	Performance Analysis of the Lithium-Ion Batteries using CT-CV Charging Technique	572-577
97	479	Paramanand Patil, Satyanarayan Padaganur, Umesh Dixit, Achyut Yaragal	Neural Network Based Optimized Buffer Allocation in Future Networks	578-581
98	481	Sudhakar Yadav N, Ravikanth Motupalli, K Jamal, Chalumuru Suresh	An Automated Rescue and Service System with Route Deviation using IoT and	582-586

			Blockchain Technologies	
99	482	Sudhakar Yadav N, Sagar Yeruva, T Sunil Kumar, Talluri Susan	The Improved Effectual Data Processing in Big Data Executing Map	587-595
100	489	Paras Nath Singh, Tara P. Gowdar	Reduce Frame Work Reverse Image Search Improved by Deep Learning	596-600
101	496	Vandana Sudhakar Sardar, Yindumathi K M, Shilpa Shashikant Chaudhari, Prosenjith Ghosh	Convolution Neural Network-based Agriculture Drought Prediction using Satellite Images	601-607
102	498	Raghukumar B S, M B Anandaraju, Naveen B, Naveen K B	Investigation and Feature Extraction of Heart Attack from the ECG Graph Reports	608-612
103	509	Resham Arya, Disha Pandey, Ananya Kalia, Ben Jose Zachariah, Ishika Sandhu, Divyanshu Abrol	Speech based Emotion Recognition using Machine Learning	613-617
104	424	Gayathri A N, Viji Rajendran V	English Master Ammu: Chatbot for English Learning	618-623
105	33	Kasthuri Thiyagarajan, Shashank Vaikunt Bhat, Arangarajan P	Fast Connected Component Labelling using Dynamically Reconfigurable Processor (DRP)	624-627
106	159	Chirag S Rao, Rahul M, Srijoni Dasgupta, Rajeshwari Hegde	Sustainable Pesticide usage in Agriculture	628-633
107	242	Sangeetha R S, Kamal C, Jayashree MM	Implementation of IRIG-B Time codes on ZYNQ SoC Platform	634-637
108	243	Neha Singh, Chetan S, Sourabh KS, Manikandan J	FPGA Implementation of 32APSK Demodulator for Digital Video Broadcasting DVB-S2	638-642
109	250	C Ankita, Ranjani G	Performance Analysis of Zone based Route Discovery Mechanism for MANETs in Software Defined Networking Framework	643-648
110	257	Ajey Kulgeri, Harisha Venkategowda, Shreekanth Muthigi, Swadish Sudhindra	Evaluating Solder Joint Reliability of Airborne Electronics under Harsh Environment Conditions	649-652
111	263	Harish S.V, Archana N V	Efficient Load Balancing and Extended Network Lifetime for Cluster Based Routing Wireless Sensor Networks Using Fitness Function Algorithm	653-659
112	277	Pratheeth S, Vishnu Prasad R	Stock Price Prediction using Machine Learning and Deep Learning	660-664
113	288	Rahul Singh, Alka Singh	Comparative Performance Analysis of Three-phase, Three-wire Shunt Active Power Filter and Dynamic	665-670

			Voltage Restorer	
114	300	Sundari Tribhuvanam, H. C.	ECG Abnormality	671-676
11.	300	Nagaraj, V.P.S. Naidu	Classification and Analysis	071 070
		Tagaraj, virio Tara	with SVM Classifier	
115	302	Praveen Kumar Y G, Kariyappa B S,	Realization of Power and	677-681
110	202	M. Z. Kurian, Ravi Hosamani	Area efficient	0,, 001
		The state of the s	16-bit Equality	
			Comparator using	
			m-GDI Technology	
116	407	C M Naveen Kumar, G Shivakumar	VGG 16 Based Human	682-686
			Emotion Classification	
			Using Thermal Images	
			Through Transfer Learning	
117	125	Saurab B, Arunkumar P Chavan	Design and Optimization	687-691
			of Timing Errors on	
			Swapping of Threshold	
			Voltage	
118	244	Bhavanishankar HM, Manikandan J	Design and development	692-696
			of low-cost	
			portable function generator	
119	254	Pranoy Ghosh, Krithika M Pai,	Exploring Techniques for	697-702
		Manohara Pai M M, Ujjwal Verma	Photo-realistic Image	
			Generation from 3D	
			Models - A Deep Learning	
160			Approach	500 510
120	252	Suraksha R, Roopa Manjunatha	Design and Testing of an	703-710
			Integrated Electric Vehicle	
101	272	7.114 GTT 4.3.6.1 XX 3.14 3.5	Model	711 717
121	272	Ishitha S,H A Mohan, Harshitha M,	IoT based Anti-poaching	711-715
		Gaurav Ramesh Gowda, Jeevan N,	and Fire Alarm System for	
122	274	Shamanth Nagaraju Pushya D, Shreyas N, Shreya P,	Forest FDMCA: A Novel	716-722
122	214	Sandeep Varma N	Authentication Technique	/10-/22
		Sandeep varina iv	using Face Detection and	
			Gaze-based Morse Code	
			Entry	
123	285	Sagnik Modak, Sujata Chaudhury,	Improving performance of	723-728
1.20	200	Abhishek Rawat, Suman Deb	Recurrent Neural	220
		, 2	Networks for Question-	
			Answering with	
			Attention-based Context	
			Reduction	
124	147	Sivaranjani.S, Kishore P,	Design of Integrated	729-733
		Muralidharan M	Antenna for 3-D Direction	
			Finding in RADAR	
			Applications	
125	311	Ravi Kiran K, Rashmi Soni, Rizwan	Embedded Real Time	734-737
		Mubarak Chikodi, Vaibhav Kumar	Media Streaming over	
		Roy	Ethernet via USB-OTG	
126	313	Shalini K, Abhishek Kumar	Comparative analysis on	738-743
		Srivastava, Surendra Allam, Dilip	Deep Convolution Neural	
		Lilaramani	Network models using	
			Pytorch and OpenCV	
			DNN frameworks for	
			identifying optimum fruit	
			detection solution on	
			RISC-V architecture	
127	321	Shrayan Dayirai Manahara Dai MM	Share price prediction of	7// 751
12/	321	Shravan Raviraj, Manohara Pai M M,	snare price prediction of	744-751

128		Krithika M Pai	Indian Stock Markets using timeseries data - A	
128			using timeseries data - A	
128				
128			Deep Learning Approach	
l l	380	Dhanesha R, Umesha D. K,	Segmentation of Arecanut	752-758
		Shrinivasa Naika C. L.,G. N. Girish	Bunches: A comparative	
		,	study of different color	
			models	
120	202	W : X GD M " W		750 765
129	383	Xavier Jose, S.D Madhu Kumar, Priya Chandran	Characterization, Classification and	759-765
		Fifya Chandran	Detection of Fake News in	
			Online Social Media	
			Networks	
130	446	Darshini P, Mohana Kumar S, CG	Cyber Security Threats	766-772
		Raghavendra, Krishna Prasad	Detection Analysis And	
		SJ,Kavitha H, Divakara S S	Remediation	
131	94	Bishal kumar, M Arvindhan, kumar	E-Construction Cart: An	773-780
		sagar,Ankit kumar Tiwari	Online Construction	
			Material Ordering Service	
132	515	Mohit Kumar, Varun Kumar, Ashim	Segmentation and	781-785
		Sharma	prediction of Lung cancer	
			CT scans though nodules	
			using ensemble deep	
			learning approach	
133	307	Sanjay Chari, Harshith Umesh, Athul	Setting Up and	786-792
		Sandosh,Suganthi S,Prasad B	Exploration of Security in	
124	222	Honnavalli	a Hybrid Cloud	702 700
134	323	Shrabana Saha, Rajarshi Bhadra,	Diagnosis of COVID-19 &	793-798
		Subhajit Kar	Pneumonia from Chest x-	
			ray Scans using Modified MobileNet Architecture	
135	422	Jyothi Kumbar, Neelaganga Goudar,	Optimization of Hybrid	799-804
133	722	Sahana Bhavi,Shruti	Renewable Electric Energy	177-004
		Walikar,Basanagouda F. Ronad	System Components for	
		, amai, busanago usa 111tonas	Covid Hospitals	
136	126	Praveenkumar Chandran, Aravind G,	Switched Capacitor	805-810
		Arjun R,Baskar A	Voltage Converter for	
			Electric Vehicles	
137	249	Guruprasad P, Sandesh R S,	Visualization of Automatic	811-817
		Rakshith Devadiga, Prasanna Vittala	Parking Assistance for	
		Moolya, Sridhar R	Four-Wheeler Vehicles	
138	283	Kalkutakinahal Akhilesh reddy, V.	Development of speed	818-823
		Champa, Aravind Prasad S,Prachi	control for High Voltage	
		Sunil Nalawade	BLDC ceiling fan using	
			Regulator	
139	308	Tanuja H, P Usha	Multilayer Artificial	824-830
			Neural Network based	
			Nano Grid of Hybrid	
			PV/Wind and Energy	
140	322	Shaik Mirra Alfassa, S	Storage System Invasion Analysis of smart	831-836
140	344	Nagasundari,Prasad B Honnavalli	Meter In AMI System	051-050
141	338	Madhav Agal, Kishan K P,	Non-Interactive Zero-	837-843
1	550	Shashidhar R,Srivatsa S	Knowledge Proof based	037 043
		Vantmuri,Prasad Honnavalli	Authentication	
142	497	Rajani shetty,Indiramma	Clustering of Traffic	844-849
		J	Accident Dataset using	
		1		

143	528	Sandeep Kumar Sunori, L. R. Aravind	Classification of Rainfall	850-855
		Babu,Shermina J,Dahlia	Levels Using Various	
		Sam,Shekaina Justin, Sudhanshu	Machine Learning	
		Maurya, Pradeep Juneja	Techniques	
144	443	Shubham Deshmukh, Favin	Classification of ASL	856-860
		Fernandes	Alphabets and Numbers	
			using ORB and Fast with	
			Brief Feature Extraction	
			and Dimensionality	
			reduction techniques	
145	76	Rucha pradeep Kale, Prajakta	Secure Digital Voting	861-870
		Shrikant Jagdale, Nisha Vijay	system based on Aadhaar	
		Jaiswal,Priti Jagjivan More,Akshay	Authentication by using	
		Suhas Phalke	Blockchain Technology	