

2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS 2022)

**Coimbatore, India
25-26 March 2022**

Pages 1-701



**IEEE Catalog Number: CFP22YAF-POD
ISBN: 978-1-6654-0817-2**

**Copyright © 2022 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:	CFP22YAF-POD
ISBN (Print-On-Demand):	978-1-6654-0817-2
ISBN (Online):	978-1-6654-0816-5
ISSN:	2469-5556

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

CURRAN ASSOCIATES INC.
proceedings
.com

Table of Content

S. No	Paper ID	Article Title and Authors	Page No
1	003	Smart Monitoring of Distribution Transformer Performance Condition using IOT <i>Vinoth Kumar. P, S.Sivaranjani, P.Maheshkumar, S.Priya, P.Lakshmanan, R.M Sekar</i>	01-05
2	005	Border Management Using Internet of Things <i>Madhuri Muvva, Maneesha Muvva, Manoj Sharma, Rahul Mukherjee, Ajay Yadav</i>	06-10
3	044	Wavelet Based Speech Enhancement Algorithm for Hearing Aid Application <i>M.Vanithalakshmi, D.Subitha , S.Velmurugan</i>	11-15
4	045	Classification of Toxicity in Comments using NLP and LSTM <i>Anusha Garlapati, Neeraj Malisetty, Gayathri Narayanan</i>	16-21
5	047	A Review of Image Processing Applications based on Raspberry-Pi <i>Hari Kishan Kondaveeti, Divya Bandi, Sudha Ellison Mathe, Suseela Vappangi, Manoharan Subramanian</i>	22-28
6	049	Pest Detection in Crops Using Deep Neural Networks <i>B. Jayanthi, T. Anu Priyanka, V. Baby Shalini, R. Kingsy Grace</i>	29-32
7	050	Kitchen Safety and Security System for Children <i>S.Sharmila Devi, M.Jagadeeswari , S.Mageshwari , S.Meishree , M.Nandagopal</i>	33-37
8	051	Intrusion detection system for databases: A hybrid metaheuristic clustering and closed sequential pattern mining approach <i>Indu singh, Burhan Mehraj, Muzzmil, Nitesh Gupta</i>	38-45
9	052	Diabetes Prediction Using Machine Learning Algorithms <i>Jana S, Bharanidharan N, Shanmukha Nagasai P, Saravan Kumar K, Mani Nageshwar V</i>	46-51
10	053	Integration Of Optimization Techniques To Improve Performance Of Machine Learning System <i>Amogh Shukla, Nitin Lodha</i>	52-60
11	054	Role Of Cloud Security In Big Data Processing For Healthcare System <i>Amogh Shukla, Nitin Lodha</i>	61-67
12	057	Behavioral Analysis of Students by Integrated Radial Curvature and Facial Action Coding System using DCNN <i>P.Esther Rani, S.Velmurugan</i>	68-73
13	059	An Efficient Mouse Tracking System Using Facial Gestures <i>A.Lakshmanarao, B.Lokesh, Kilarapu Sarita</i>	74-78
14	061	Automatic Detection Of White Blood Cancer From Blood Cells Using Novel Machine Learning Techniques <i>Aldrin Karunakaran K, Kanmani Pappa C, Kanmani Ruby E D, Sathyasri B, Edwin Santhkumar W</i>	79-85
15	062	Portable Smart Storage Units for Agricultural Products <i>Loganathan N,Jaganadan H ,Haynes Immuanel S,Gayatri R Chandran ,Ajay S ,Gowtham Kumar KS</i>	86-90
16	063	Smart Access Control System For Covid Safety <i>Rahul S G, Subitha D, Velmurugan S, Chitra R, Avinash Reddy, Grande Nishanth</i>	91-96
17	064	Prevention of Fiber Optic Cable from Breakout using Arduinio <i>S.Sharmila Devi, T.Saranya , M.Savika , J.Sharmila Alias Supriya</i>	97-100
18	065	A Survey on Design and Application Approaches in Women-Safety Systems <i>Ashok K, Gurulakshmi A B, Madala Bhanu Prakash, Poornima R M, Sneha N S, Vutukuri Gowtham</i>	101-110
19	066	Review on Energy Harvesting Techniques for Future Wireless Generation Networks <i>Ashok K, Santhosh Krishna B V, Aishwarya Nagras, Aishwarya M Halli , B Gowthami, Chandana C</i>	111-117
20	067	Object based Video Retrieval with multiple features matching approach <i>A Kethsy Prabavathy, win Thanakumar Joseph S, Mythily M, Rexie J A M</i>	118-123

21	068	Design and Development Of Graphical User Interface To Monitor and Control a Bioreactor <i>Rahul S G, Velmurugan S, Subitha D, M. Nikhileswara Sri Venkat, S V N Rupesh, Venkatesh D</i>	124-129
22	069	A Comparative Computational Analysis of VGG16 and VGG19 in Prediction of Turmeric plant Disease <i>Velmurugan S, Ramdinesh Reddy K, Rahul S G, Vardhan S, Subitha D, Sri Kamal Vignesh</i>	130-134
23	070	Design of Microstrip Patch Antenna for Wearable Extravasation Detection Device for Intravenous (IV) Therapy <i>Velmurugan S, Prabin Nyaupane, Subitha D, Saikiranreddy Sallarapu, Rahul S G, Satyanarayana Kathula</i>	135-139
24	071	Long Covid Sentiment Analysis of Twitter Posts to understand public concerns <i>Harshee Pitroda</i>	140-148
252	074	Performance of Generalized $\alpha - \mu$ Fading for Energy Detection Based Spectrum Sensing in Presence of Channel Errors <i>Srinivas Nallagonda, Oruganti Lakshmi Prathyusha, M. Ranjeeth</i>	149-154
26	075	SLAV Mitigation and Energy-Efficient VM Allocation Technique Using Improved Grey Wolf Optimization Algorithm for Cloud Computing <i>N.Nirmala Devi, S.Vengatesh Kumar</i>	155-160
27	078	Polarization and Angle Insensitive Metamaterial based Compact Absorber <i>A. Sivanantham, I. Srinivasa Rao</i>	161-164
28	080	IoT Based Patient Monitoring System <i>R. Kiruthika, E. Ramya, R. Prabha, M. Harinarayanan, S. Divakaran, R. Iswariya</i>	165-168
29	081	Automatic question generation for subordinate conjunctions of Marathi <i>Pushpa M. Patil, R.P.Bhavsar, B.V.Pawar</i>	169-173
30	082	Queuing Analysis in Robotic Process Automation <i>S. Maragathasundari, M. Muthanantham, C. Swedheetha, R. Vanalakshmi</i>	174-181
31	085	Energy Management System Control in Speed and Torque Coupling Parallel Hybrid Electric Vehicle <i>Kalagotla Chenchireddy, Khammampati R Sreejyothi, V Kumar</i>	182-186
32	086	Smart Student Grievance Redressal System with Foul Language Detection <i>Sanay Shah, Shivesh Jha, Pankaj Sonawane</i>	187-192
33	087	SRR Loaded Dual Band Patch Antenna Array For Multi User Communication <i>Subitha D, Nomula Harshit, Rahul S G, Bollineni Vinay, Velmurugan S, Yarravarapu Pavan</i>	193-196
34	088	Neuro-fuzzy Controller Design for pH Control in Sugar Refineries <i>Sandeep Kumar Sunori, Pushpa Bhakuni Negi, Shweta Arora, Mehul Manu, Farha Khan, Sudhanshu Maurya, Pradeep Juneja, Kapil Ghai</i>	197-202
35	089	Designing of Robust Control System for Blend Chest of Paper Mill <i>Sandeep Kumar Sunori, Kavita Ajay Joshi, Abhijit Singh Bhakuni, Sudhanshu Maurya, Amit Mittal, Pradeep Juneja, Rajendra Singh Rawat</i>	203-207
36	092	ML & DL Methodologies in Heart Disease Prediction: Brief Analysis <i>Iwin Thanakumar Joseph S, Mythily M, Kethsy Prabavathy A, Velliangiri S, P Leela Jancy</i>	208-212
37	093	Building Automated Fault Detection and Diagnosis (FDD) in Motor bearing by suitable Artificial Intelligence Algorithms <i>S.P.Anandaraj, S.Poornima, Chandrashekar, Manjunath KV, Sankar K</i>	213-217
38	094	E-learning and Data Mining using Machine Learning Algorithms <i>Arulsevarani S</i>	218-222
39	095	Design of Single Stage Inverter Control for Single-Phase Grid Connected Solar PV System <i>Mehtab Fatima, Anwar Shahzad Siddiqui, S.K Sinha</i>	223-227
40	101	Driver Drowsiness Detection Using Machine Learning Algorithm <i>Prasath N, Vigneshwaran P, Sreemathy J</i>	228-232
41	105	Comparative Analysis of Techniques for Recognising Facial Expressions <i>Kshitiza Vasudeva, Soumita Biswas, Saravanan Chandran</i>	233-238

42	106	A Facilitation System for Arabic Foreigners in India using the Web and Android System <i>Ayemen M. Al-Hejri, Nasser M. Al-Zidi, Mohammed Tawfik, Ali Albakhrani, Archana Harsing Sable</i>	239-245
43	107	Multikernel Support Vector Machine With Glcm For Truthful Brain Signal Classification Of Magnetic Resonance Imaging <i>C.ThirumaraiSelvi R. S. Sankarasubramanian S.Karthikeyani</i>	246-251
44	108	Student performance Prediction using Ensemble Technique <i>Ayanesh Chowdhury, Ankit Chahar, Bharath Kumar Thulasidoss, Maria Clarissa Fionalita, Shanmuga Vel B, Gautam Jitendra Bafna</i>	252-255
45	109	Fetal Health Prediction using neural networks <i>Ayanesh Chowdhury, Ankit Chahar, Rohan Eswara, Mohammed Abdul Raheem, Shaik Ehetesham, Bharath Kumar Thulasidoss</i>	256-260
46	110	A Comparative Analysis of Diabetes Prediction Models using Machine Learning Algorithms <i>Sarathambekai S, Vairam T, Sathya Seelan K, Prem Kumar R, Rakshith, Ram Varun, Jawhar MG</i>	261-265
47	113	English To Hindi Translator Using Seq2seq Model <i>Sindhu C, Soumyajit Guha, Yuvraj Singh Panwar</i>	266-271
48	115	Block Chain Based Electronic Vaccination Record Storing System <i>Ruwaida Nazim Shaikh, Chaitali Gangadhar Jadhav, Vedant Rajaram Bhogawade, Geetika Narang, Aditi Manoj Gangadhar</i>	272-276
49	116	Quantum Walk Circuits to Analyze Networks <i>Anurag Singh, Binshumesh Sachan</i>	277-284
50	117	Lethargy Detection during work using Keras Deep learning <i>Ankit Chahar, Ayanesh Chowdhury, Bhogadi Sreeja, Kota Nitish, B Nitesh Vamshi, V Manikanta Sanjay</i>	285-288
51	118	Sentiment Analysis of IMDb Movie Reviews : A comparative study on Performance of Hyperparameter-tuned Classification Algorithms <i>Ayanabha Ghosh</i>	289-294
52	119	Haar Cascade Face Detection and Local Binary Pattern Histogram Face Recognition based Drone <i>Shanthi K G, Sesha Vidhya S, Vishakha K, Subiksha S, Srija K K, Srinee Mamtha</i>	295-298
53	121	Design of Iterative Learning Controller for Switched Reluctance Motor with Least Torque Ripple <i>G.Mahalakshmi, Dr.S.Kanthalakshmi</i>	299-304
54	122	Deep Learning and Fuzzy Decision Support System for visually impaired persons <i>Malini. P, Ushus.S.Kumar, Vijayakumari. G, Thirukkumaran. R, Lakshmi S Hanne, Karpakam. S</i>	305-309
55	125	Modelling of dual-band (S-band and X-band) RFPhotonics radar system in Opti-system environment <i>Sampurna De, A.A. Bazil Raj</i>	310-315
56	127	Gesture Recognition based Fingertip Air Writing to Text Converter using Image Processing and HCI <i>R. Shanmuga Priya, G. Magesh</i>	316-320
57	128	Intelligent Secure Smart Crop protection From Wild Animals <i>Mahammad Firose Shai, Ravipati Moun, A. Durga Prasa, Inakoti Ramesh Raja, B.Prajakatha Sekhar, D.Sampath</i>	321-325
58	129	A Comparative Analysis of Deep Convolutional Models for COVID-19 Classification on Chest Radiography Images <i>B.H Shekar, Habtu Hailu</i>	326-335
59	130	Digital image watermarking based on visual secret sharing scheme <i>Tabassum Nakhawa, Anisaara Nadaph, Geetika Narang, Maske Rupali</i>	336-341
60	131	Network Attack Detection using Machine Learning <i>R.Shanmuga Priya, S.Meyyappan, KN.Balasubramanian, A.S.Pruthiev</i>	342-346

61	132	Intelligent System with the IoT: A survey on techniques of Artificial Intelligence over the field of Internet of Things <i>Willson Joseph C, G. Jasper Willsie Kathrine</i>	347-351
62	135	Image Encryption using Chaotic Sorting Fortified with DNA Sequencing <i>Velliangiri S, Krishna Lavakumar G, Sathya K</i>	352-357
63	136	A Secure Authentication Protocol for Enterprise Administrative Devices <i>Yash Pandhare, Pawan Pujari, Aditya Bawa, Ashwini Save</i>	358-364
64	137	DRISHYAM: An Interpreter for Deaf and Mute using Single Shot Detector Model <i>Amit Munna Gupta, Suyash Sagar Koltharkar, Hemil Deepak Patel, Sunita Naik</i>	365-371
65	138	License Plate Recognition System using Yolov5 and CNN <i>Shreya Raj, Yash Gupta, Ruchika Malhotra</i>	372-377
66	139	Implementing Protection on Internal Networks using IPsec <i>Pro Daa Ali Esper, Sujoy Datta, Monideepa Roy</i>	378-383
67	140	Experimental Analysis on Detection of Emotions by Facial Recognition using Different Convolution Layers <i>Kezia S, Grace Mary Kanaga E, Eugene Kingsley H, Raghul R</i>	384-389
68	141	Intelligent Assistance: Enhanced Real-time Patient Specific Model for Fall Detection and Evaluation <i>Divya R, J. Dinesh Peter</i>	390-395
69	142	Design, development and implementation of bakery assistant robot <i>Logeswaran T, Sivakumar P, Vishahan T, Kishor I, Pravin Kumar S, Ranjith Kumar R</i>	396-401
70	143	Design and Survey of Cellular Transmission between Wi-Fi and WiMax <i>Nayan Ingle, Anushka Kathote, Prajakta Marshetwar, Arjun Korde, Tushar Zade , Bhavana Bais, Yash Kilnahaake, Prabhakar D. Dorge, Manish Hadap</i>	402-405
71	149	An Indispensable Contemplation on Natural Language Processing Using Ensemble Techniques for Text classification <i>Ankit Chahar, Sai Rohith T, Ninad Patil, Rajat Shah, Darshan Walunj, Himanshu Saratkar</i>	406-410
72	150	Stability Analysis Of A Walking Robot Using An Inverted Pendulum Model <i>Geethamani R, Ragul B, Ram Vinith P, Ramanathan A N, Rishiganesh R</i>	411-413
73	155	Reverse Image Search Engine for Garment Industry <i>Anushri Eswaran, Varshini E</i>	414-418
74	158	Dynamic Objects Detection And Tracking From Videos For Surveillance Applications <i>S. Gobhinath, S. Sophia, S. Karthikeyan, K. Janani</i>	419-422
75	159	Water Quality Analysis Using Deep Learning <i>Ankit Chahar, Ayanesh Chowdhury, Bharath Kumar Thulasidoss, Putta Vishal Reddy, Harshal Patel Ninad Patil</i>	423-426
76	160	Anomaly detection in centrifugal pumps using model based approach <i>Swetha R Kumar, Iniyal U S, Harshitha V, Abinaya M, Janani J, Jayaprasanth D</i>	427-433
77	161	Performance Verification of Full-Bridge DC to DC Converter used for Electric Vehicle Charging Stations <i>Kalagotla Chenchireddy, B Srinath Goud , Ch. Madhu Sudhan Mudhiraj, N. Rajitha , B Sravan Kumar, Vadthya Jagan</i>	434-439
78	162	Assessment of the Impact of Personality Characteristic on Emotion Resilience <i>Shruti Garg, Rashmi, Ranjita Pandey, Ashwani Garg</i>	440-444
79	163	Deep Learning Based Image Compression in DWT Domain <i>Harshit Agarwal, V. Santhi</i>	445-453
80	164	The Enabling Role of Information Technology in Software Engineering and Information Management Process: An Evolutionary Analysis <i>Samar Anbarkhan</i>	454-457
81	165	Mental Health At Work Prediction Using Neural Networks <i>Ankit Chahar, V Manikanta Sanjay, Ankit Basrur, Sameer. A. Kyalkond, Arohan Ajit, Ninad Patil</i>	458-461
82	166	Vision Based Surveillance Robot For Military Applications <i>Janani K , Gobhinath S , Santhosh Kumar K V , Roshni S , Rajesh A</i>	462-466
83	168	Study of Spectrum Prediction Techniques in Cognitive Radio Networks <i>Suriya M, M.G Sumithra</i>	467-471

84	169	Pneumonia Detection Using Improved Convolutional Neural Network <i>Vibhanshu Singh Sindhu, Rohan Dixit, Indu Sreedevi</i>	472-475
85	177	Earthquake Prediction Using Deep Neural Networks <i>Bharat Bhargava, Sumanta Pasari</i>	476-479
86	179	X-ray Diffraction Analysis of Zinc Sulfide Nanocrystal with Different Microstructural Parameters <i>Rajesh Sahu, S.K. Jain, Balram Tripathi, Banwari Lal Choudhary</i>	480-484
87	181	A Review on Automated Monitoring Applications of Raspberry Pi <i>Perigisetty Vedavalli, Hari Kishan Kondaveeti, Deepak Ch</i>	485-492
88	183	Development of Smart Water System for House-hold and Industrial applications <i>Amar Babu Yandrapati, M Soniyaz, Maraju Yamini, M. Meena Kumari, Miryala Akhil</i>	493-497
89	186	Circularly Polarized Stub-swastika shaped Circular Slotted Microstrip Patch Antenna <i>Sarthak Mahar, Suren Dimri, Shreya Pathak, Sumanta Kumar Kundu, Sanyog Rawat</i>	498-501
90	187	Live Sign Language Recognition Using Convolution Neural Networks <i>Aditya Rathi, Sarita Sheoran, Sumanta Pasari</i>	502-505
91	192	Respiratory Analysis –Detection of Various Lung diseases using Audio Signals <i>Lasya Nayani Bhatta, Sai Manoj Bhatta, Naregalkar Akshay</i>	506-511
92	193	A Review of Plant disease detection Techniques using Artificial Intelligence <i>N.Dhanyaa, V.Kaviyanjali, P.Leninpugalhanthi, S.Ishwarya, R.Senthil Kumar, V.Adhithya, B.Kishoreadhithyaa</i>	512-515
93	195	An Access Control Mechanism for Geospatial Image Security Using Encrypted Pyramid Structure <i>Rajesh Kumar, Dilip Kumar Dalej, Rajesh M A, Narayan Panigrahi</i>	516-519
94	196	Twitter Sentiment Classification with Deep Learning LSTM for Airline Tweets <i>A. Lakshmanarao, A. Srisaila, T. Srinivasa Ravi Kiran</i>	520-524
95	197	Managing Multi-Cloud Deployments on Kubernetes with Istio, Prometheus and Grafana <i>Vivek Sharma</i>	525-529
96	198	The Implication of Data Lake in Enterprises: A Deeper Analytics <i>Jaspreet Singh, Gurpreet Singh, Bhoopesh Singh Bhati</i>	530-534
97	199	A Comprehensive Study on Human Pose Estimation <i>Jitha Janardhanan, S.Umamaheswari</i>	535-541
98	200	Soil NPK Prediction Using Multiple Linear Regression <i>Madhumathi R, Arumuganathan T, Shruthi R, Raghavendar S</i>	542-546
99	201	Generalized Graph Neural Network for prediction of molecular property <i>Lilapati Waikhom, Ripon Patgiri</i>	547-552
100	202	Detection And Analysis Of Earlier Cognitive Disorder Using Ai Based Transcranial Magnetic Stimulator <i>S.Gobhinath, S.Karhtikyan, K.Janani, U.Arunkumar</i>	553-556
101	203	Holistic View of Elements for Mobile commerce: Technology, Security and Trust <i>Ayushi, Mitansh, Devesh Lowe, Bhavna Galhotra</i>	557-561
102	204	A Study on Lexicon Based Techniques of Twitter Sentiment Analysis <i>Ronak Sharma, Khushi Somani, Devesh Lowe, Bhavna Galhotra</i>	562-566
103	205	Towards a Multi-Modular Decentralized System for Dealing with EHR Data <i>Jay Mehta, Rishi Desai, Jash Mehta, Deep Gandhi, Lynette D’Mello</i>	567-572
104	209	Lithium-Ion Battery Life Estimation Using Machine Learning Algorithm <i>P.Leninpugalhanthi, R.Senthil Kumar, G.Ramya, P.Prithika, R.Nandhakishore, K.Narendaren, S.Ishwarya</i>	573-576
105	212	A Room Disinfection Automated Device, Massacre Technique using Ultraviolet-C radiation <i>Elam Cheren.S, Sathish Pandian.R, Rajasolomon.A, h Prem Kuamr.K, Vigneshwaran.J.</i>	577-581
106	213	Brain tumor detection using image processing <i>Soundarya C, Kalaiselvi A, Surya J</i>	582-587
107	217	Human brain tumor detection and segmentation techniques: A review <i>Shardeep Kaur Sooch, Darpan Anand</i>	588-592
108	218	Hybrid Information Placement in Named Data Networking-Internet of Things System <i>Krishna Kaushal Singh, Rajan Kumar Dudeja</i>	593-601

109	219	Evaluation of Naïve Bayes and Voting Classifier Algorithm for Credit Card Fraud Detection <i>Vairam T, Sarathambekai S, Bhavadharani S, Kavi Dharshini A, Nithya Sri N, Tarika Sen</i>	602-608
110	225	Trust and Technology Acceptance in Crossing-Decision of Pedestrian in Automated Vehicles <i>Shalini Pal, Lokesh Sharma, Mahesh Jangid</i>	609-614
111	226	Transfer-Learning Based User-Personalization of Indian Sign Language Recognition System <i>Rinki Gupta, Sanjana Golaya, Rohan Srinivasan</i>	615-620
112	230	An Improved Agriculture Plant Disease Detection And Monitoring Using IoT <i>K.Janani, S.Gobhinath, T.Dharanika</i>	621-624
113	233	Hybrid Recommender System using K-means Clustering <i>Ismail P.K, Najla Musthafa, Raji C. G.</i>	625-630
114	234	Towards Building Of A Robust Organic Fruit Tester <i>Dharani Krishna B V, Kavin Prabhu C, Harish S, S.Umamaheswari</i>	631-634
115	239	Analysing the Impact of Security Characteristics on Industrial Control Systems <i>Mana J. Abusaq, Mohamed A. Zohdy</i>	635-641
116	240	Two-Way Sign Language Conversion For Assisting Deaf-Mutes Using Neural Networks <i>Rishi K ,Prarthana A ,Pravena K S, S.Sasikala,S. Arunkumar</i>	642-646
117	241	Understanding, Visualizing and Explaining XAI Through Case Studies <i>G.R. Karpagam , Aditya Varma, Samrddhi M, Shri Shivathmika V</i>	647-654
118	242	Digitized Care: Smart Technology Solutions <i>S.Jansi Rani, V.Karpagam</i>	655-660
119	244	Blockchain for content protection in E-healthcare: A case study for COVID-19 <i>Adla Sanober, Shamama Anwar</i>	661-666
120	245	Efficient Diagnosis of Covid19 by Employing Deep Transfer Learning on Pretrained VGG and ResidualNet Architectures <i>Faraz Bagwan, Nitin Pise</i>	667-672
121	246	Deep Convolutional Neural Network-Based Recognition of Profile Rotated Face Images <i>Saikat Majumder, Rakesh Tripathi</i>	673-678
122	250	Explainable System for Suggestion Mining using attention <i>Naveen Kumar Laskari, Suresh Kumar Sanampudi</i>	679-684
123	251	Balanced5G – Fair Traffic Steering Technique using Data-Driven Learning in Beyond 5G Systems <i>Anurag Thantharate, Vijay Walunj, Rohit Abhishek, Rahul Paropkari</i>	685-691
124	256	An Enhanced Cryptosystem Based On Modified Classical Ciphers <i>Ritwic Majumder, Sujoy Datta, Monideepa Roy</i>	692-696
125	257	Role of Artificial Intelligence in Generating Video <i>Sahil Kumar, Vivek Ghai, Atul Jha, Sugandha Sharma</i>	697-701
126	261	Investigation of Comparison on Modified CNN techniques to classify fake face in Deepfake videos <i>Abhishek Gowda S, N.Thillaiarasu</i>	702-707
127	262	Deep Neural Network Optimization for Skin Disease Classification Forecast Analysis <i>A. Kalaivani, S.Karpagavalli</i>	708-713
128	264	Performance Evaluation of GWO Algorithm Using Different Initialization Strategies <i>P. D. Dewangan, N. Patnana, Lalbihari Barik, P. J. Krishna, V. P. Meena, V. P. Singh</i>	714-718
129	268	Traffic Scheduler for BBU Resource Allocation in 5G CRAN <i>Neetu Verma, Pavan Kumar Mishra</i>	719-724
130	269	Satellite-Based Estimation of Air Quality in South Asian Countries using Neural Networks: A Review <i>Souptik Kumar Chaki, Rakesh Kuma, Meenu Gupta</i>	725-728
131	271	Implementation of Real Time Virtual Clicking using OpenCV <i>P. High court durai, S. Jayasathyan, V. ShanjaiSethupathy, M. Bharathi</i>	729-732
132	272	Hybrid Image Processing Device as Wearable Aidefor Visually Impaired <i>Ashish Papanai, Harsh Kaushik</i>	733-738

133	273	PDRSD-A systematic review on plan-driven SDLC models for software development <i>Apar Garg, Rohit Kumar Kaliyar, Anurag Goswami</i>	739-744
134	275	An efficient FPGA implementation of DWT based Image Data Compression System for Microsatellites <i>Chandraprabha.K, Najeer Ahmmad Shiak, Lakshmi.A, Anantha Shayanam.G.R, Vivek.R.Subramanian, Srividhya.S, Jothy Soman, Vanitha.M</i>	745-750
135	276	Modeling Human Genome(3D) using Linear & Nearest Interpolation <i>Arun Kumar, Vishal Verma</i>	751-755
136	277	Scientific Exploration of Disease Prevention and Health Promotion in Telemedicine using Virtual Conferencing Based On CLOUD <i>Akhilesh Kumar Singh, Manish Raj</i>	756-759
137	280	Comparative study of Sampling Techniques for Software Defect Prediction <i>Ruchika Malhotra, Vignesh Kashyap, Vinayak Sharma</i>	760-766
138	282	An improved Chemical Reaction Optimization approach for Solving Multiple Sequence Alignment Problem <i>Tirumala Paruchuri, Gangadhara Rao Kancharla, Suresh Dara</i>	767-771
139	283	Performance Evaluation of hybrid ANFIS model for Flood Prediction <i>Dillip Kumar Ghose, Kshirabdhhi Tanaya, Abinash Sahoo, Upendra Kumar</i>	772-777
140	284	Direct Torque Control Based Induction Machines for Speed-Torque Regulation <i>Amit Kumar Kushwaha, Arvind Kumar Sharma</i>	778-781
141	286	Prediction of Attention Deficit Hyperactivity Disorder (ADHD) using machine learning techniques based on classification of EEG signal <i>Sahdev Saini, Rinkle rani, Nidhi Kalra</i>	782-786
142	287	Drug Discovery for Alzheimer's disease Using Machine Learning <i>M.Priyadharsini, K.Karuppasamy, S.S.Sugantha Mallika, Snegha.R</i>	787-792
143	288	Design of Compact Frequency Reconfigurable Antenna for Sub-6 GHz 5G Application <i>K. Karthika, K. Kavitha, A. Aparna, A. Divona Mary, N. Rithanya</i>	793-798
144	293	Conical Shaped Frequency Reconfigurable Antenna using DGS for Cognitive Radio Applications <i>Abha Sharma, Vijay Kumar Sharma, Sonam Gour, Amit Rathi</i>	799-804
145	294	Determinants for Adoption of MOOCs from the Perspective of UTAUT <i>Sachin Srivastava, Narender Singh Bhati</i>	805-810
146	296	The Performance Analysis and comparison of Machine Learning Classifiers and Neural Network on Crop Recommendation <i>A.Harish Kumar, B.Rajendra Naik</i>	811-815
147	297	Gradient and Color Intensity based Dense Disparity Estimation Using Adaptive Weight Aggregation <i>Shashi Poddar, Hemraj Sahu, Vipran kumar, Amitava Das</i>	816-822
148	298	A network based clustering approach for in silico drug repurposing in Alzheimer's Disease <i>Hemkiran S, Sudha Sadasivam G</i>	823-828
149	299	Multi Kernel Scaled Deep Time Series Imputation <i>Aishwarya Deshmukh, Jaytrilok Choudhary, Dharendra Pratap Singh</i>	829-834
150	300	Data and Compute Efficient Image Inpainting <i>Abhishek Aryan, Aditya Singh, Ruchika Malhotra</i>	835-840
151	301	iCAST: Impact of Climate on Assistive Scene Text detection for autonomous vehicles <i>Anushka Gupta, Bhumika Bhatia, Diksha Chugh, Divyashikha Sethia</i>	841-846
152	302	Deep learning-based Video Captioning Technique using Transformer <i>Soumya Varma, J Dinesh Peter</i>	847-850
153	305	An Implementation of PV-Wind Hybrid System Based Microgrid With a Back-up Source <i>Kalpna Kureel, Priyanshi Prajapati, Roli Yadav, Nainshi Maurya</i>	851-854
154	306	Effective Image Deblurring Based Onimproved Image Edge Information And Blur Kernel Estimation <i>Mercy J, Lawanya R, Nandhini S, Saravanan M</i>	855-859
155	307	A Recent Survey on Automatic Epileptic Seizure Detection <i>Rajesh Krishnan, S Amreith Venkatesh, Aditya Shivakumar, Kishore Kumar SK, Ganesan M</i>	860-865

156	308	Implementation Of Viterbi Decoder Architecture Based On Code Rates <i>Lawanya R, Nandhini S, Mercy J, Saravanan M</i>	866-870
157	309	Photonic Crystal Fiber-based Temperature Sensor <i>Piyush Shrivastava, Shweta Mittal, Tanvi Sharma, Amogh A Dyavangoudar, Sushma Punia, Ankur Saharia, Manish Tiwari</i>	871-874
158	310	A simulation-based investigation on the Performance of BLDC motor used in Electric Vehicles for varied magnetic materials <i>Thenmozhi G, Radhika A, Mithun B, Dhineesh M, Abissek B</i>	875-879
159	313	Detection Of Leaf Diseases In Pulses, Fruits And Vegetables <i>R.Sowjanya, T. Lakshmi Prasanna, P.Ranga Rao, P. Ashwak Khan, C.S.S. Anupama</i>	880-884
160	314	Vehicle Communication using Visible Light (Li-Fi) Technology <i>M. Saravanan, Rahul Deepak.R.S, Ravinkumar.P.L, Sivabaalavignesh.A</i>	885-889
161	315	Smart Lighting System for Commercial Buildings using Digital Camera <i>Ajay Shankar, Peeyush Garg, Deepika Bansal</i>	890-894
162	316	Analytical Review of CNTFET-based Standard Ternary Inverter <i>Katyayani Chauhan, Deepika Bansal, Peeyush Garg</i>	895-899
163	317	A Review of Interpretable Deep Learning for Neurological Disease Classification <i>Rahul Katarya, Parth Sharma, Nishant Soni, Prithish Rath</i>	900-906
164	318	Frequency Reconfigurable Antenna and its Switching Techniques for Wireless Communication Systems: A Study <i>K. Karthika, K. Kavitha, S. Darsani, B. Preethi, P. Sree Pavithra</i>	907-911
165	320	Automatic Feature Abstraction from High Resolution Satellite Data for Urban Land Cover and Land Use <i>Pooja Pandey, Yogita Dubey, Sanjay Vasantrya Balamwar</i>	912-917
166	321	Using LSTM, DNN, and ARIMA approaches to predict the trends in the Stock Market <i>Vibhu Goyal, Rishav Rukmangdh Raj</i>	918-922
167	322	Virtual Private Network Server Using Raspberry Pi <i>Saravanan K, Yogeshwaran M, Anandakumar P, Udhayan M, Radhika A</i>	923-928
168	323	Diminutive Patch Antenna For Mass Communication <i>Nandhini S, Mercy J, Lawanya R</i>	929-933
169	325	Overview of Spectrum Sharing and Dynamic Spectrum Allocation schemes in Cognitive Radio Networks <i>Suriya M, M.G Sumithra</i>	934-937
170	327	A Design using the IoT to Prevent Future Pandemics and Identify People with COVID-19 Symptoms <i>Sathishkumar L, H Azath, Pandimurugan V, Rahul Mandviya, Malathi Eswaran, Madhavi Latha Pandala</i>	938-942
171	330	An Investigation On Three Operand Binary Adders <i>Abinaya R, Lavanya S, Parthibaraj ANGURAJ, Syedakbar S, Ram Kumar V, Karpoora Sundari K</i>	943-946
172	331	An Empirical Analysis of Different Techniques for Spam Detection <i>Kiran Rangari, Atiya Khan</i>	947-953
173	335	A Recent Appraisal Over EEG Signals Measurement Actions and Its Challenges <i>Pramendra Kumar, Vijay Kumar Sharma, Amit Rathi</i>	954-957
174	336	Design and Implementation of a Smart Helmet <i>Harshit Chauhan, Ramsha Rizwan, Mehtab Fatima</i>	958-962
175	337	Server Security in Cloud Computing Using Blockchain <i>Asheesh Tiwari, Yasha Aggarwal, Vanshika Agarwal, Unnati Srivastava</i>	963-966
176	339	Design of a Novel Group Communication Framework to Improve Security in Internet of Things <i>Senthil G. A, R. Prabha, M Razmah, S.Senthilpandi, SU.Suganthi, S. Sridevi</i>	967-970
177	340	Vehicle Detection and Collision Avoidance System <i>Catherine Philip, D. Veera Vanitha, Keerthi. K</i>	971-973
178	342	Refinements In Zeek Intrusion Detection System <i>Asheesh Tiwari, Utkarsh Dixit, Shivam Saraswat, Sagar Pandey</i>	974-979

179	346	Automated Quality Control Framework for Solanum lycopersicum using Image Processing <i>Aravinda C.V, Roheet Bhatnagar, Vikram Raju Reddicherla</i>	980-985
180	348	The Anatomy of Big Data: Concepts, Principles and Challenges <i>Jaspreet Singh, Gurpreet Singh, Amit Verma</i>	986-990
181	349	Multiple Transform Selection in Versatile Video Coding: A Review <i>Anil Chowdary.T, Purnachand Nalluri</i>	991-996
182	350	A Review on In-Loop Filters for HEVC and VVC Video Coding Standards <i>Lakshmi Amruthavalli P, Purnachand Nalluri</i>	997-1001
183	352	Denoising of Ocular Artifacts from single-channel EEG signals: A Review <i>Kesanakurthi Sai Madhavi, Manda Deeksha, Sanaka Gayathri, Nelluru Uma Naga Venkat, Hema Kumar Goru</i>	1002-1007
184	354	Machine Learning: A promising in-silico approach to curb antimicrobial resistance <i>Ashish Kukreti, Yasha Hasija</i>	1008-1013
185	355	Cardiac Auscultation Classification <i>Rubakumar N, Anoop Srivatsan B, Sanjay S, Uma Maheswari V</i>	1014-1017
186	356	Applying and Optimizing NLP Model with CARU <i>Ka-Hou Chan, Sio-Kei Im, Giovanni Pau</i>	1018-1022
187	357	Smart Framework for Black Fungus Detection using VGG 19 Deep Learning Approach <i>Dinesh Dusa, Mallikarjuna Rao Gundavarapu</i>	1023-1028
188	359	Coronary Artery Disease prediction using Machine Learning Techniques <i>K Nirmala Devi, S Suruthi, S Shanthi</i>	1029-1034
189	360	Machine Learning Methodologies for predicting Neurological disease using Behavioral Activity Mining in Health Care <i>Shanmuga Sundari M, J. Vijaya Chandra, Sai Kiran Pasupuleti</i>	1035-1039
190	362	High Speed Improved Gaussian Boost Filter Formulation Using DIMM Controller <i>Vijayalakshmi ch, Jaikaran Singh</i>	1040-1047
191	363	Pap Smear Image Enhancement Using Diffusion Stop Function Based Clahe Algorithm <i>Soumya Haridas, T. Jayamalar</i>	1048-1054
192	366	Reducing Dimension for Remote Sensing Image Dataset <i>Jintu Kumar Das, Vishwas H.N</i>	1055-1060
193	367	Priority Based Prepaid Energy Meter Using IoT <i>J.Prasad, C.Manikanda Prasanna, K.G. Menaga, K.Jithesh</i>	1061-1064
194	368	Vehicle to vehicle communication using Li-Fi Technology <i>Cowsigan S P, Narendhran S, Nithisree B, Jisshnu Kannan T J</i>	1065-1068
195	370	Putative micro-RNAs in the pathogenesis of Alzheimer's diseases <i>Navneet, Pravir Kumar</i>	1069-1073
196	371	Multipurpose Adaptable Robot <i>P Jeevan Narayana Raju, Venkata Gaurav Pampana, Vikranth pandalaneni, G Gugapriya, Chanthini Baskar</i>	1074-1077
197	373	Design and Simulation of CMOS based Bandgap Reference Voltage with Start-up Circuit using 180 nm, 90 nm and 45 nm Process Technology <i>Akshaya Anand, Sreenidhi P.R</i>	1078-1083
198	374	Speed measurement of solar fed PMDC motor using photovoltaic module and hall effect sensor <i>Sanskriti, Sheetal Choudhary, Shivani, Prem Prakash Yadav</i>	1084-1088
199	375	Deep Residual Learning based Attendance Monitoring System <i>Ashok Kumar Tammisetti, Keerthi Sri Nalamalapu, Srija Nagella, Khwaza Shaik, Khaleel Ahmed Shaik</i>	1089-1093
200	376	Identification Of Lane Lines Using Advanced Machine Learning <i>Harish H, A Sreenivasa Murthy</i>	1094-1099
201	377	An Innovative Emotion Recognition and Solution Recommendation Chatbot <i>Ashlin Deepa R N, Prathyusha Karlapati, Mrunhaalhini Reddy Mulagondla, Pavitra Amaranayani Anika Pranavi Toram</i>	1100-1105
202	378	Artificial Intelligence and Digital Pathology Synergy <i>Ankit, Yasha Hasija</i>	1106-1111

203	380	Virtual Mouse using Machine Learning and GUI Automation <i>U Sairam,Dharani Kumar Reddy Gowra,Sai Charan Kopparapu</i>	1112-1117
204	382	E-Court Management System <i>Soundari D V,Pradheep N,Praveen Raj K G,Purna Chanduru N M</i>	1118-1123
205	384	Automatic Bio Medical Waste Segregator <i>Sri Suvetha C S,Subiksha S,Saravanamani C S ,Umamaheswari S,</i>	1124-1130
206	385	Speech to Sign Language Translation for Indian Languages <i>Jashwanth Peguda,V Sai Sriharsha Santosh,Y Vijayalata,Ashlin Deepa R N, Vaddi Mounish</i>	1131-1135
207	387	Implementation of QoS-Improved Region Based Routing Protocol (QoS-IRBRP) to Enhance Energy Efficiency in MANET <i>G. Venkata Subbaiah, B.V. Subbayamma, B. Pavithra, V. Gokula Krishnan, M. Arun</i>	1136-1140
208	388	Flyback PPC Converter with Artificial Neural Network for Distributed MPPT Application <i>Sebin Davis K, V. Jegathesan</i>	1141-1145
209	389	Intelligent load balancing in SDN <i>P.Varalakshmi, Mithesh A, Niveditha B, Rubak Preyan G, Yogeewar S</i>	1146-1151
210	391	Early diagnosis of Autism using Machine Learning techniques and Gated Recurrent Units <i>Srishti Lodha,Harsh Malani,Anay Rajguru,Nitin Lodha,Prateek Devashetti</i>	1152-1158
211	393	DDoS Attack Detection and Botnet Prevention using Machine Learning <i>Neeta Chavan,Mohit Kukreja,Gaurav Jagwani,Neha Nishad,Namrata Deb</i>	1159-1163
212	395	Deep Neural Nets in Real-Time Detection of Cancerous Epidermal Lesions <i>Ashutosh Anand,Siddharth Chawla,Apoorva Gupta,Yasha Hasija</i>	1164-1168
213	397	Dilated Convolution and MelSpectrum for Speaker Identification using Simple Deep Network <i>Hema Kumar Pentapati,Sridevi K</i>	1169-1173
214	400	Virus Prediction using Machine Learning Techniques <i>Jerin Reji, R Satheesh Kumar</i>	1174-1178
215	401	Movable mini-Hydroponic Home Garden with Automated Monitoring System <i>M. Mahaboob,Rogini M,Tanushree N,Vishnupranavi N,Vidhya Bharathi S</i>	1179-1183
216	402	Prediction of COVID 19- Chest Image Classification and Detection using RELM Classifier in Machine Learning <i>Ch. Suresh Kumar Raju, Kondra Pranitha,Shanmuga Sundari M,Pusarla Samyuktha, Jessu Madhumathi,</i>	1184-1188
217	403	A Comparison Study On Machine Learning Approaches For Thyroid Disease Prediction <i>Dhanamithra R G,Anly Antony M, R Satheesh Kumar</i>	1189-1192
218	407	Study of the MPTCP Configuration Environment <i>Neha Rupesh Thakur, Ashwini S</i>	1193-1196
219	408	Medical Image De-Speckling Using Fusion Of Diffusion-Based Filters And CNN <i>Ashwini Sawant, Mansi Kasar, Arnab Saha, Swapnil Gore, Pranav Birwadkar, Sujata Kulkarni</i>	1197-1203
220	409	An Important Sampling over Graph Convolutional Network for Community Detection <i>Pawan Meena,Mahesh Pawar,Anjana Pandey</i>	1204-1209
221	410	Automatic Breast Tumor Cancer Diagnosis Based on a Hybrid Densenet <i>G.Jayandhi,J.S.Leena Jasmine,R.Seetharaman,S.Mary Joans,R.Priscilla Joy</i>	1210-1214
222	411	An Effective Segmentation of Breast Cancer Using Modified U-NET <i>G.Jayandhi,J.S.Leena Jasmine,R.Seetharaman,S.Mary Joans,R.Priscilla Joy</i>	1215-1218
223	415	Plc Based Frequency Control Of Induction Motor In Sugar Mills <i>R.Balakrishnan, A.Senthilnathan</i>	1219-1224
224	420	Power quality enhancement in 3-phase 4-wire distribution system using custom power devices <i>V Kumar, Kalagotla Chenchireddy, M Raghuvardhan Reddy, B Prasad , Budagam Preethi, D Sadvik raj</i>	1225-1228
225	421	Dashboard for Alert Monitoring System <i>Senathipathi K, Sathyaprabha G ,Sarnithasree R K, Swetha S</i>	1229-1233
226	423	Text to Video GANs:TFGAN, IRC-GAN, BoGAN <i>Rayeesa Mehmood,Rumaan Bashir,Kaiser J.Giri</i>	1234-1239

227	425	Smart Authentication System Using Deep Learning Techniques Based On Face And License Plate Recognition <i>A.Syed Musthafa, D.Dhananjayan, B.Kaviyarasu, C.Manikandan, S.Vimal</i>	1240-1244
228	426	An improved firefly Algorithm based task scheduling in cloud computing for effective resource utilization <i>V. Gokula Krishnan, Pinagadi Venkateswara Rao, S. Raja, S. Bhargav, S. Balaji, V. Divya</i>	1245-1250
229	427	An Extensive Study of Clustering Approach for Effective Cluster Head Selection in Wireless Sensor Network <i>S.Kaviarasan, R Srinivasan</i>	1251-1257
230	428	Sentiment Analysis: A cognitive perspective <i>Remya Panikar, Ramchandra Bhavsar, B. V. Pawar</i>	1258-1262
231	429	Sensor Based Health Monitoring System Using Embedded Technology <i>R.Balakrishnan, V.Ranganayaki</i>	1263-1267
232	431	An Effective Dynamic Propagation Model for Malware Detection in Cloud Platform <i>R.Poorvadevi, P.Sai Madan reddy, P.Teja Satya Sai Venkat</i>	1268-1272
233	432	Composite Movie Recommendation System <i>Amit Kumar Goel, Abhinav Pengoria, Abhishek Kumar, Krishna Kant Agrawal</i>	1273-1278
234	441	Temperature Monitoring Mechanism For Covid-19 Using WSN <i>A. Pon Bharathi, S. Swathi, Allan J Wilson, R. Ashoka Rajan</i>	1279-1286
235	457	An lot Driven Eyeball And Gesture-Controlled Smart Wheelchair System For Disabled Person <i>Udaya Rani.V, Poojasree S</i>	1287-1291
236	458	Transfer Learning Approach to Detect and Classify Glioma Tumors <i>Vinaya R M, Geeta C Mara</i>	1292-1296
237	460	Smart parking with surveillance system using IoT <i>Gunanandhini S, Monisha K, Kaviya E, Gokul R, Lishanthini V</i>	1297-1302
238	465	Twitter Based Flood Rescue System <i>Jagrati Singh, Anil Kumar Singh</i>	1303-1308
239	466	Comprehensive Sarcasm Detection using Classification Models and Neural Networks <i>Rishabh Kumar, Swapnil Sinha</i>	1309-1314
240	467	PV Powered Self Lift Luo Converter for Harmonic Reduction <i>Infant Vinoth C, C.S.Ravichandran</i>	1315-1318
241	468	Detection And Classification Of Pulmonary Lung Nodules in CT Images Using 3D Convolutional Neural Networks <i>Meenakshi Bharti, Jaytrilok Choudhary, Dhirendra Pratap Singh</i>	1319-1324
242	469	Implementation of Three-Phase two Stage Solar PV Inverter for Grid Connection <i>Mehtab Fatima, Anwar Shahzad Siddiqui, S.K Sinha</i>	1325-1329
243	470	AIE-DRP : Framework with Machine Learning and Deep Learning Models for Adverse Drug Reaction Prediction in Healthcare Use Case <i>Muhib Anwar Lambay, S. Pakkir Mohideen</i>	1330-1336
244	472	Crosstalk Between Ubiquitination and Acetylation in the Parkinson's Disease <i>Mayank Sagar, Pravir Kumar</i>	1337-1342
245	473	Design of Deep Learning Model for Predicting Rainfall <i>Sai Saran Ravi, Relangi Gowtham Krishna Sai, Jeberson Retna Raj R</i>	1343-1347
246	474	Analysis On An AI Based Sustainable Development Goals for People with Disabilities through Advanced Digital Technologies <i>Vijayakumar Sajjan, Altaf C, MathanKumar Mounagurusamy, Sumayya Begum</i>	1348-1352
247	476	Computerized Framework Used To Detect Glaucoma : A Review <i>V.K.U. Ahamed Gani , N.Shanmugasundaram</i>	1353-1358
248	477	An Investigation On Energy Consumption In Wireless Sensor Network <i>N.Thiyagarajan, N.Shanmugasundaram</i>	1359-1364
249	478	A Review on Tuberculosis Identification Using Convolutional Neural Networks <i>Rosmy Antony, Jasmy Davies, R Satheesh Kumar</i>	1365-1368
250	479	Prediction Of Concentration Of Air Pollution Using Deep And Machine Learning <i>Vyshali Yadav B, Geetha D</i>	1369-1375

251	480	Blockchain Based Government Tender Allocation In Cloud <i>Majidha Fathima K M, Bavin Kumar R, Hari Vishal J, Dhanush R</i>	1376-1380
252	485	Classification of Human Motion Activities using Mobile Phone Sensors and Deep Learning Model <i>Yusuf Ahmed Khan, Ritik Prabhat, Mohd Wajid</i>	1381-1386
253	486	Development of Health Monitoring Robot with Smart Medication for Elderly People <i>Seethalakshmi V, Abivishnu S, Anbu Idumba Kumar S, Deepthiya C</i>	1387-1391
254	488	Web Application Penetration Testing & Patch Development Using Kali Linux <i>Ritik Karayat, Lakshmi Sudha Kondaka, Manish Jadhav, Ashwath Nambiar</i>	1392-1397
255	489	Deep Convolutional Neural Network Based Covid-19 Classification From Radiology X-Ray Images For IoT Enabled Devices <i>Yogesh H. Bhosale, Shrinivas Zanwar, Zakee Ahmed, Mahendra Nakrani, Devendra Bhuyar, Ulhas Shinde</i>	1398-1402
256	490	SRF Theory-Based PI Controller Applied to Micro Grid Interfaced with hybrid sources for Power Quality Improvement <i>Khammampati R Sreejyothi, P. Venkatesh Kumar, J. Jayakumar</i>	1403-1408
257	492	Certain investigations on adder design for VLSI signal processing <i>Sathiyapriya.K, Nirmala.P, Mohanapriya.S, Rahul.S. S, T. Thamaraimanalan, M. Mohankumar</i>	1409-1413
258	496	Application of Binary Particle Swarm Optimization Algorithm for Thinned Planar Antenna Array Synthesis <i>Sahiti Vankayalapati, Lakshman P, KTPS Kumar, Nikhil Vishnu Batch, Arif Dalali, Narendra Datta Inti, Nageswara Rao Netinti</i>	1414-1418
259	501	Predictive Analytics for a Trustworthy Stock Exchange using LSTM and ARIMA Model <i>V. Gayatri, P V R D Prasada Rao</i>	1419-1424
260	507	Smart Hybrid Washroom Lighting Solution <i>Anshumaan Singh, Nitish Dua, Harshvardhan Mishra, Arvind Kumar</i>	1425-1428
261	508	High Step-Up Converter Using FOPID Control Algorithm For Renewable Energy Applications <i>G. Mahendran, U. Arunkumar, S. Saravanan</i>	1429-1433
262	509	A Review on Classification of Data in WBAN <i>Deepshikha, Manjot Kaur</i>	1434-1438
263	510	Animal Repellent System for Smart Farming using AI and Edge Computing <i>Margret Sharmila. F, Amal Kumar. C. K, Angelin Varsha. D, Sarayu. E</i>	1439-1441
264	512	A Hybrid V2S Scheme for Burned Area Identification with Agriculture Fire <i>Gurjeetpal Bawa, Akashdeep Sharma, Harish Kumar, Preeti Agarwal, Veenu Mangat</i>	1442-1447
265	A001	An Efficient Technique for Identifying Defects in Stainless Steel (SS) Plate using Image Processing <i>V. Elanangai, K. Vasanth</i>	1448-1452
266	A005	Machine Learning for Vehicle Behavioural Control <i>Venkata Sri Harsha Gullapalli, Prasad. M</i>	1453-1458
267	A006	Course Recommendation System: Collaborative Filtering, Machine Learning and Topic Modelling <i>Anupama V, M. Sudheep Elayidom</i>	1459-1462
268	A007	Design and Implementation of PID Controller and Fuzzy Logic Controller for Liquid Level System <i>B. Puviyarasi, C. Murukesh, K. Srividya, G. Sai Rama Meenakshi</i>	1463-1466
269	A010	Implementation of IoT based Smart Remote for Disabled people <i>Balaji V R, Jaganath P, Jayanth A, Durkesh Kumar R</i>	1467-1470
270	A013	Smart Diagnosis of Disease Using Machine Learning <i>B Rajapandian, S Sivakumar, S Premalatha, K Abirami, A. Vimonisha</i>	1471-1474
271	A015	Design and Analysis of SEPIC Converter Controller with Filter for BLDC Applications <i>Rajapandian. B, Sundar Rajan. G. T</i>	1475-1478
272	A018	Estimating Virtual Machine Approach for Energy Consideration in Cloud Computing <i>T. Karpagam, K. Jayashree</i>	1479-1481

273	A020	Hardware Software Co-simulation of Watermarking algorithm for Image Processing Applications <i>Padmapriya S, Bagavathi C, Jagadeeswari M</i>	1482-1487
274	A021	ASIC and FPGA Implementation of a Novel BCSE Algorithm based Reconfigurable FIR Filter for Low Power applications <i>Jagadeeswari M, Padmapriya S, Selvaganesh M</i>	1488-1491
275	A025	Agile and Touchless Automation in the software industry <i>Gopalakrishnan Sriraman, Sounthrrajan Seha, Suganya E</i>	1492-1498
276	A026	Comparative Analysis in Between HSPA+ and LTE <i>M. Shashidhar, M. Ranjeeth, B. Santosh, V. Manohar</i>	1499-1503
277	A027	Networked Merchandise Hub for Agricultural Products <i>Selvaraj R, Prabhu Ragavendiran S D, Satheesh T, Kiruthika P, Kannan T</i>	1504-1507
278	A031	Hybrid Dual Axis Solar Tracker with 3 level DC to DC Boost Converter with GSS based Power Tracking <i>Karthika J, Logesh Krishna K, Louis Fernandas D, Meenakshi Sundaram A, Niruj S</i>	1508-1511
279	A032	Wearable Lower Body Exoskeleton For Lumbar Pain Reduction <i>G.Lavanya, Shreya V, Sneha S, Swetha lakshmi S, Swetha S</i>	1512-1514
280	A034	Mimo - Ofdm System Based Wireless Data Transmission In Underwater Hydroacoustic Environment <i>Balaji V R, Surabhi. P.S</i>	1515-1517
281	A035	Comparative Analysis of Skin cancer Prediction Using Neural Networks and Transfer Learning Addike <i>Ajay Kumar, Madana Vamshi Krishna Reddy, V Manikanta Sanjay, Vivek Kothuru, Kunjal Prashant Shah, Akshay Kalucha</i>	1518-1521
282	A036	Liver disease prediction using Ensemble Technique <i>Sai Rohith Tanuku, Addike Ajay Kumar, Sai Roop Somaraju, Rushitaa Dattuluri, Madana Vamshi Krishna Reddy, Sambhav Jain</i>	1522-1525
283	A038	Design and Fabrication of Automatic hose cutting machine <i>P.M.Arunkumar, Lydia Edwin, G.Edwin Prem Kumar, N.K.Lalith Athithya, Shibin Thomas S, Prawin Sankar T A</i>	1526-1529
284	A039	Sentiment Analysis on Book Reviews Using Machine Learning Techniques <i>V.R.Azhaguramyaa, G.R.Madhavan, J.Janet, S.Balakrishnan, K.Arunkumar</i>	1530-1534
285	A043	Automatic Detection Of Diabetic Retinopathy On Digital Fundus Image <i>S.Biruntha, R.P.Narmadha</i>	1535-1537
286	A044	Review Of Movie Recommendation System <i>P.Karthikeyan, Tejasvini.C</i>	1538-1543
287	A046	Slotted, Dual Band 27/37 GHz MIMO Antenna for Millimeter Wave Applications <i>Subitha D, R. Pavan kumar, Velmurugan S, B.V. Sunil Babu, Rahul S G, S. Vinay Kumar</i>	1544-1549
288	A047	Exploring pathways of digital financial inclusion to improve women's economic participation <i>Renu Jain, Bimaldeep Kaur, Kamakshi Mehta</i>	1550-1553
289	A048	Smart Cleaning and Spying Robot – A Case Study <i>Suryaprabha K, Anbarasu P, Surabhi S, Loganathan N</i>	1554-1559
290	A049	An Optimized Neural Network for Content Based Image Retrieval in Medical Applications <i>Dency Flora.G, Sekar.G, Nivetha.R, Thirukkumaran. R, Silambarasan. D, Jeevanantham.V</i>	1560-1563
291	A057	Role of Emotional and Artificial Intelligence on Employee Performance in Service Industry : A Review of Literature <i>Parul Saxena, Indira Priyadarshini, Shivani Sharma, Rachna Bansal Jora</i>	1564-1567
292	A058	IoT Based Frame work for Automatic accident Intimation System <i>G Jaffino, T Palaniappan, Samuel Swamidoss MK, G Gugapriya, Madhu manikya kumar, J Prabin Jose</i>	1568-1572
293	A059	IoT Based Root Rot Detection System <i>Devi D, Lashmi Sruthy D, Madhuvarnsni T, Mohana Ranjini V</i>	1573-1577

294	A062	Insulator Crack Detection Using Soft Computing Technique <i>Y.Sheeba, Dr.N.B.Prakash</i>	1578-1581
295	A064	Role of HPC in DFT Calculations of Classical Molecule Simulations <i>M.S. Geetha Devasena, R. Kingsy Grace</i>	1582-1585
296	A067	Early Identification on Lung Cancer disease by using different ML Approaches <i>P. Divya, R. Anuradha, D. Palanivel Rajan</i>	1586-1591
297	A068	Internet of Things based Smart Energy Meter with Fault Detection Feature using MQTT Protocol <i>Vikram Siddharthan M, Aswin R, Rahul Santhosh, Harish A, Deepa K , Manitha P V , Sailaja V</i>	1592-1596
298	A069	Dual Slot Multiband Microstrip Patch Antenna for Wireless Applications <i>K.Haripriya, A.S.Harini, M.Naveena, K.Anusha, D.Mohanageetha</i>	1597-1601
299	A072	Securing Medical Big data through Blockchain technology <i>K.Renuka Devi, S.Suganyadevi, S.Karthik, N.Ilayaraja</i>	1602-1607
300	A074	Modeling And Performance Of Solar Photovoltaic Module <i>Swedika Sharma</i>	1608-1613
301	A075	Financial literacy and digital product use for financial inclusion: A GETU model to develop financial literacy <i>Anjali Mandal, Ashish Saxena, Prabhat Mittal</i>	1614-1619
302	A080	Hybrid LWT and DCT based High-Quality Image Compression <i>S Narasimhulu, T Ramashri</i>	1620-1624
303	A081	Covid-19 Prediction Using Fb Prophet <i>S.Banu Sri, K.Shree Ishvarya, S.Sri Srinidhi, S.Nagarathinam</i>	1625-1629
304	A082	Implementation of Computationally Efficient And Accurate Music Auto Tagging <i>Sindu Rajendran, S. P. Anandaraj</i>	1630-1635
305	A091	Plc Based Critical Composition Control For Industries <i>M.Kowsalya, R.Pradeep, D.Gunapriya, A Elakya</i>	1636-1639
306	A095	Optimization Of Machining Fixture Layout By Considering Two Dimensional Workpiece Fixture Contact Regions <i>Arunkumar P.M, Priyadharsini S , Ajai Kumar E, Kannan T , Karthick. R ,Elankumaran K</i>	1640-1644
307	A098	Face Recognition Door Lock System Using Raspberry Pi <i>Muneera Begum H, Jayasri S, Kavya Dharshini M, Luis Cruz Govindapillai, Jane Cynthia Juliet R</i>	1645-1648
308	A099	A Survey on IoT-based Hand Hygiene Dispenser with Temperature and Level Monitoring Systems <i>S. Dhanasekar, S. Sri Sai Vidhya, S. Subash Nageshwar, C. Surya Prakash, S. Sri Ranjani, N. Arunkumar</i>	1649-1653
309	A104	Improving Performance Using Hybrid Framework Iot Communication In Cloud Computing <i>K.Aravindhan, S.K.B.Sangeetha, Bhuvanewari.T, N.Kamesh</i>	1654-1658
310	A105	GA-Based Load Balancing in Cloud with OS-level Virtualization <i>Sanjib Kumar Das , Prasanta Kumar Bal , Sankarsan Sahoo</i>	1659-1663
311	A106	CoCoSo: A way to Artificial Intelligence for Human Capital Selection <i>Ankur Agrawal, Ms.Reema Agarwal</i>	1664-1667
312	A107	Payments Process Privilege: Leveraging Fintech with TAM <i>Sweta Dixit, Neha Sharma, Mohit Maurya, Neha Zaidi</i>	1668-1673
313	A108	Technology Distraction and Skill Development – Effect on Employability Swati Bansal, <i>Monica Agarwal, Santhi Naraynan</i>	1674-1678
314	A109	A Review and Conceptual Framework of Digital Assistive Wearables and Consumer Hedonism <i>Vibha Mohan, Preetha Menon</i>	1679-1682
315	A110	Role of Social Media in Engaging Students: Perspectives from Higher Education <i>Aarti Sharma, Sanjay Kaushal, Roopali Fulzele, Tanu Kumari</i>	1683-1686
316	A111	Role of Artificial Intelligence (AI) In meeting Diversity, Equality and Inclusion (DEI) Goals <i>Rachna Bansal Jora, Kavneet Kaur Sodhi, Prabhat Mittal, Parul Saxena</i>	1687-1690

317	A113	Impact of Information & Communication Technologies (ICT) on Recruitment Process of Petroleum & Gas Sector in India <i>Roopali Fulzele, Vijayta Fulzele, Aarti Sharma, Anup Srivastava</i>	1691-1696
318	A115	Personal Protective Equipment On Hand Gloves -A Review Study <i>P.Saradhamani, K.P.Keerthana, Anitha.S, K.Karthikeyan</i>	1697-1701
319	A116	Design and Analysis of Interleaved Flyback Converter Topology for Photovoltaic Applications <i>S.Ishwarya, B. Rajesh Kumar, R.Senthil Kumar, P.Leninpugalhanthi</i>	1702-1706
320	A118	Computation of Gestational Diabetes With The ML Model and KNN Algorithm <i>V. Nandalal, N Nagalakshmi, Anand Kumar V, Calin A, Buvanesh P, Arjun A S</i>	1707-1712
321	A119	Distinguishing Reviews Through Sentiment Analysis Using Machine Learning Techniques <i>S Biruntha, Arul Ganeshan S, Ashwin B, Padmasankar K S</i>	1713-1719
322	A121	Design Of Area Efficient Unified Binary/Decimal Adder/Subtractor Using Triple Carry Based Prefix Adder <i>Thiruvendakam KRISHNAN , Parthibaraj ANGURAJ , Saravanan S , Vidya A , Sivanandam K</i>	1720-1725
323	A123	Design of 3-axis Piezoelectric Accelerometer for Body Activity Measurements <i>Anupama Unnikrishnan, Adithya Pradeep, Athira S, Ardra S, Abhijith S, Sreenidhi Prabha Rajeev, Baby Sreeja S D</i>	1726-1730
324	A124	Kalman Filter and Proportional Navigation Based Missile Guidance System <i>Sai Surya Teja Gontumukkala, Yogeshwara Sai Varun Godavarthi, Bhanu Rama Ravi Teja Gonugunta, Subramani R</i>	1731-1736
325	A125	Breast Cancer Prediction Using Advance Machine Learning Algorithms <i>Vinod Jain, Mayank Agrawal</i>	1737-1740
326	A126	Intelligent Phishing Website Detection Using Deep Learning <i>Amanuel Assefa, Rahul Katarya</i>	1741-1745
327	A129	Secure Wireless Sensor Network Energy Optimization Model with Game Theory and Deep Learning Algorithm <i>B. AnishFathima, S.Gokul kumar, M. Mahaboob, A.Kingsly Jabakumar</i>	1746-1751
328	A130	MIST-based Tuning of Cyber-Physical Systems Towards Holistic Healthcare Informatics <i>Durgansh Sharma, Tarun Kumar Singhal, Deepak Singh, Abdul Qadir</i>	1752-1757
329	A131	A Systematic Analysis of Research Trends on Network Control System in Wireless Sensor Network <i>Subhra Prosun Paul, Shruti Aggarwal</i>	1758-1763
330	A132	An IOT based system for securing ATM machine <i>Abhijith S, Sreehari K ,Anu Chalil</i>	1764-1768
331	A140	Prediction of Parkinson's disease using XG Boost <i>Ezhilin Freeda S, Ezhil Selvan T C, Vishnu Durai R S</i>	1769-1772
332	A143	Transforming Business Through Digitalization: A Bibliometric Analysis Using VOS viewer <i>Manisha Gupta, . Bhawna Choudhary, Shagun, MadhuRani</i>	1773-1777
333	A148	IoT based Covid tracker with Automatic Attendance Registration System <i>Sathishkumar N, Karthikeyan E ,KavinKumar S, Naveen S</i>	1778-1782
334	A149	Enhanced Ddos Attack Detection Algorithm To Increase Network Lifetime In Cloud Environment <i>R Sai pavan kumar, K Gopi chand, M Vamsi krishna, B Gowtham nithin, A Roshini, K Swetha</i>	1783-1787
335	A151	Robotics and Artificial Intelligence in the Hotel Industry: A Systematic Literature Review <i>Ajit Kumar Singh, Pankaj Kumar Tyagi , Anita Kumari Singh, Priyanka Tyagi, Shweta Kapure , Ekta Rastogi Singh</i>	1788-1792
336	A155	C-IoT Inspired Real-Time and Intervallic Accreditation Under Education 4.0 <i>Anil Verma , Divya Anand , Aman Singh, Rishika Vij</i>	1793-1798
337	A157	Analysis Of Mppt Algorithm For Solar Photovoltaic System <i>T.Logeswaran, N.Monika, A.Sheela</i>	1799-1805

338	A166	A Bio-Toilet attached wheelchair for physically disabled persons: An Automated Robust System <i>M. Swathy, S. Logesh kumar, M. Maniventha</i>	1806-1809
339	A168	An Implementation of Coal Mining Safety and Alerting System Using Internet of Things <i>Ashokkumar SR, M, akash Kannan, M Gokulraj, T Arun Shankar, D. Arun Karthik, P. Naveen</i>	1810-1813
340	A170	IoT based Dustbin Monitoring with Dumpster alert System <i>Sathishkumar N, Pravinkumar M, Preethi M, Subash R</i>	1814-1818
341	A171	Energy Management Based on Virtual Generation in DC Micro grid Using Solar Power <i>Nivetha G, Nittika A M, Sarumathi S, Sneka S, Maria Sindhuja A</i>	1819-1823
342	A173	Power Management Scheme For Grid Connected Pv Intergrated With Hybrid Energy Storage System <i>Ishwarya S, Naveen Kumar T, Sarankumar A, Anand J, Mangalesh A, Sarankumar A</i>	1824-1829
343	A174	Detection and Recognition of Species using Deep Convolution Neural Network <i>P. Naveen, D. Saranesh, V. K. Vishnukanth, B. Sabarish, D. Vishnu, Ashokkumar S.R</i>	1830-1835
344	A177	A Methodological Approach For The Dual Axis Solar Tracking System <i>P. Abijith, M. Balasuryaprakash, S. Harrish, S. Yokesh Kumar, K. Raj Thilak, N. Franklin</i>	1836-1839
345	A178	Machine Learning based Patient Mental Health Prediction using Spectral Clustering and RBFN Algorithms <i>T. Thamaraimanalan, M. Mohankumar, H. Anandakumar, M. Deepha, U. Hari Priya, G. Bhanu Priya, M. Aiswarya Devi</i>	1840-1843
346	A179	An Adaptive Deep Belief Feature Learning Model For Cognitive Emotion Recognition <i>S. Yuvaraj, J. Vijay Franklin, V. S. Prakash, A. Anandaraj</i>	1844-1848
347	A180	A Review on Multimodal Biometric Authentication in Healthcare <i>Balaji S, Rahamathunnisa U</i>	1849-1853
348	A181	A Survey on Agriculture Monitoring with Satellite and Its Benefits <i>Sathiya Priya R, Rahamathunnisa U</i>	1854-1858
349	A182	Development of Contactless Individual Management System with Covid – 19 Preemptive Measures <i>Prithviraj R, Poovammal E</i>	1859-1862
350	A184	An IoT-based Optimization scheme on task scheduling for minimizing energy in Cloud Computing <i>D. N. S Ravi Kumar, K. Praveen Kumar, K. Goutham Raju, Gowsalya S, Lavina Balraj, Ajeet Kumar Srivastava</i>	1863-1868
351	A185	Intrusive Detection of Wormhole Attack using Cluster - based Classification Model in MANET <i>K. N. Venkata Ratna Kumar, Mahaveerakannan R, C. Madhusudhana Rao, Pambala Nageswara Rao, Kanusu Srinivasa Rao</i>	1869-1874
352	A186	Early detection of Melanoma Skin Cancer using Effieient NetB <i>Peddarapu Rama Krishna, Pothuraju Rajarajeswari</i>	1875-1879
353	A187	A Comprehensive Survey on Various Cancer Prediction Using Natural Language Processing Techniques <i>K. Jabir, A. Thirumurthi Raja</i>	1880-1884
354	A188	Adoption of Disruptive Technologies by the Farmers: Evidence from India <i>G. Yoganandan, M. Vasan, M. Dinesh Kumar, Doris Padmini Selvaratnam</i>	1885-1889
355	A190	A Novel Authentication Mechanism for SecureData Access based on Encryption Key Sharing for Cloud Web Application <i>Shyam Prasad Teegala, C V Guru Rao</i>	1890-1897
356	A192	An Empirical Analysis Of Fingerprinting Based Device-Free Localization Using IoT <i>K. Karthikeyan, Radhika M, Sivaprakash K, E. Sarayu</i>	1898-1903
357	A193	Machine Learning Based Network Wide Ad Blocking System <i>Vivek Kumar. M, Dhanush. S, Dharun Karthik. A, Gokilavani. A, Dharshan. M. R</i>	1904-1907
358	A195	IoT based Natural disaster monitoring and Prediction Analysis for hills area using LSTM Network <i>B. Anuradha, C. Abinaya, M. Bharathi, A. Janani, Aarfa Khan</i>	1908-1913

359	A196	Smart Gas Booking System And Leakage Detection Using IoT <i>Gokulavasan B, Shrini K S, Srivaishnavi D, Sangeetha sruthi U, Sneka darsini R</i>	1914-1917
360	A199	Comparative Analysis of Time Series Forecasting Models to Predict Amount of Rainfall in Telangana <i>Shaik Johny Basha, Tamminina Ammannamma, Kolla Vivek, Venkata Srinivasu Veeram</i>	1918-1922
361	A205	Modelling An Efficient Heart Disease Prediction System Using Norm- And Regularization Based Learning Approach <i>Karthikeyan G, Komarasamy G, Daniel Madan Raja S</i>	1923-1927
362	A206	Transport Fee Management System for Educational Institutions <i>Ramesh A, Sivakumar P, Venugopal E, Janani R, Ranjith R, Sindhuja C</i>	1928-1931
363	A207	Machine Learning Based Time Series Analysis for COVID-19 cases in india <i>Sagaya Aurelia P, Aruna S K, Rekha V</i>	1932-1937
364	A208	Challenges And Impacts Of V2g Integration -A Review <i>Vidhya Kuruvilla, P. Venkatesh Kumar, A. Immanuel Selvakumar</i>	1938-1942
365	A209	Energy Optimization using Wireless Sensor Network by improving Proportional Integral Method. <i>Vivek Kumar. M, Bhuvaneswari G, Karan.K, Kamalraj.P</i>	1943-1946
366	A210	Quantum Chemical Studies on SARS-CoV-2 - A Review <i>Yogeswari B, Venkatesh R, Deivanayaki S, Prakash D</i>	1947-1950
367	A212	Comprehensive Analysis Of The Toxic Emissions From Commercial Solid Fuels Combustion <i>R.Rajkumar, S. Monika, K.Gokula Priya, P.Arul karthick, D.Thiyagarajan, M. Menagadevi</i>	1951-1955
368	A213	Wireless Waste Management Monitoring System for Residential Society with Automatic Self-Navigated and Self- Sanitizing Trash Can <i>R. Vishali, R.V. Sarmila, K.M. Priyadarshini, R. Rajkumar, D.Thiyagarajan, M. Menagadevi</i>	1956-1960
369	A214	Deep Learning Model to detect and localize the Air Pollution using Spatiotemporal Data <i>Vivek Kumar. M, Rambrabha.N, Pavithra.N, Manthiragiri.S, Kishore.M</i>	1961-1966
370	A221	Detection and Categorization of Transmission Line Faults using Artificial Neural Network <i>T.Gunasekar, T.Mohanasundaram, P.Kokila, D.Livinkumar</i>	1967-1972
371	A222	Sentiment Analysis And Emoji Mapping <i>Priyanka G, Kathir Vikram N, Kavin N, Vishnu Viyaas T, Bharathi K</i>	1973-1976
372	A223	LoRa Based Safety Smart Device for Woman Protection <i>Anand Kumar V, Nandalal V, Abishek H, Brunda N, Dibu Greakia P, Denila Lettis R</i>	1977-1981
373	A224	Efficient Machine Learning Technique for Tumor Classification Based on Gene Expression Data <i>C. Venkatesan, T.Thamaraimanalan, D.Balamurugan, M.Ramkumar</i>	1982-1986
374	A225	FPGA Implementation of Polyphase CIC based Multistage Filter for Digital Receivers <i>R. Latha, C. Venkatesan, T.Thamaraimanalan, A.R.Suhas</i>	1987-1991
375	A228	Solving Graph Coloring Problem Using New Greedy and Probabilistic Method <i>Balakrishnan S, Tamilarasi Suresh, Raja Marappan</i>	1992-1995
376	A229	Performance Improvement in Cooperative Communication Wireless Networks using QAM in Decode-and-Forward Protocol. <i>D. Faridha banu, R.Pradeep, B.Hakeem, T.L.Kayathri</i>	1996-2000
377	A230	IoT Based Smart Mitten For Plegia Patient's Health Monitoring System <i>D.Faridha Banu, N.Kumaresan, N.L.Kishore, D.Leena, P.Madhumitha, G.Priyanka</i>	2001-2007
378	A231	Detection of Face Mask Using Convolutional Neural Network <i>Ishwarya TM, K.NaveenDurai</i>	2008-2012
379	A232	A Certain Investigation on Intravascular Optical Coherence Tomography for Clustering Based Image Segmentation <i>R Pradeep, Christopher M, A R Dharsan, Kabin Kumar K, Kasmith S</i>	2013-2016
380	A234	Comprehensive Review On IoT Based Distribution Transformer Health Tracking System <i>Athulai Sowbaranika.S, Madhumitha.U, Monisha.G, Yalhini.K.M, W. Rajan Babu, R. Vaiyapuriappan</i>	2017-2020

381	A235	Sa'ah: Creative Eco-Friendly Mobile Application That Encourages Living Sustainably <i>Sara A.Alshaye,Aseel F.Almuhana,Shaima K.Alharbi,Jumanah M.Abudally,Nouf F.Alghamdi,Gomathi Krishnasamy,Mona M.Altassan,Fatema S.Shaikh,Ghada M.Alrugaib</i>	2021-2026
382	A238	Enhanced IoT- assisted wearable data analytics for patient monitoring and healthcare systems <i>Jaishankar B,Aiswarys R S,Ramesh S M</i>	2027-2032
383	A239	Electricity-Theft Detection In Smart Grids Using Wireless Sensor Networks <i>Emayashri G, Harini R, Abirami S V, Benedict Tephila M</i>	2033-2036
384	A252	Smart Lighting System Using The Internet Of Things <i>N Shanmugasundaram ,S Ramalingam ,Alim Khan ,SB Bharath , N Kalikumar ,B Kishore</i>	2037-2040
385	A261	A Trusted Blockchain Based Traceability System For Fruits And Vegetable Agricultural Products <i>Keerthivasan E , Raja Vignesh K , Shinthan D , Naveen Kumaar S , R Subha , Suchithra</i>	2041-2046
386	A264	Crime analysis and Prediction using Neural Networks <i>Sri Adi Pavan Naidu Kavala, Gopi Sadi, Viswendra Nath G.S, Kartheek G, Chandra Sekhar M, Rajarajeswari Pothuraju</i>	2047-2050
387	A265	COVID-19 Detection from Chest Radiograph Images of Patients using Neural Networks <i>Anooja Idupulapaati,Sreedevi M</i>	2051-2054
388	A268	Comprehensive Review on Intelligent Traffic Management System in India <i>Rugved Chavan,Aryaman Ayush,Vidyadhar Aski,Arnav Chaubey,Arushi Sharma Arushi Sharma,Vijaypal Singh Dhaka</i>	2055-2061
389	A276	Classification Of Hyperspectral Images Using Deep Learning Architecture For Remote Sensing Applications <i>Mishaa Manikandan M,Claudia Jennifer, Maria Angel,Amulya Rachel , Diana Andrushia.A,Mary Neebha.T</i>	2062-2066
390	A287	Text Detection and recognition using fusion Neural Network architecture <i>Sunil Kumar Dasari , Shilpa Mehta</i>	2067-2071
391	A288	Smart Precision Irrigation Techniques Using Wireless Underground Sensors in Wireless Sensors <i>K Sathiyapriya , S Thaiyalnayaki , Rakoth Kandan Sambandam, K Anuranjani , Divya Vetriveeran</i>	2072-2077
392	A289	Social media's impact on Business and Society: A Study <i>Lalita Minocha, Praveen Jain, Amit Singh, Pradeep Pandey</i>	2078-2081
393	A290	Spam Detection for Social Media Networks Using Machine Learning <i>Niranjani V, Agalya Y, Charunandhini K, Gayathri K, Gayathri R</i>	2082-2088
394	A299	A Survey of IoT Based Pregnancy Woman Health Monitoring System <i>L. Jubair Ahmed, Madhumitha R , Mehana sree M , Oviya K, Sharmila M</i>	2089-2094
395	A304	Early Fault Detection in Solar Panels Using Machine Learning <i>M.Abinaya, S.Shanthi, R.Subha</i>	2095-2099
396	A307	Hybrid approach to minimize 51% attack in Cryptocurrencies <i>Niranjani V, Sanjaay Kamachi P S, Siddhaarth S, Venkatachalam B, Vishal N</i>	2100-2103
397	A309	A Sensor-Based Data Analytics for Patient Monitoring in Connected Healthcare Applications <i>Shanthi S, Mithun S, Kavi Prakash P, Maharajan K, Nandha Kishore C</i>	2104-2107
398	A312	Performance Analysis of Star Topology for Small Networks Using Riverbed <i>S.Deepak, H.Anandakumar, S.Pavithra, V.Keerthika, K.Nandhini</i>	2108-2111
399	A313	Blockchain and Artificial Intelligence Feasibility, Implementation and Sustainability in Supply Chain <i>Srihari Moorthy, Balakrishanan S, Nithish K, Rahfar Nisha R, Rohith C M R</i>	2112-2116
