

Paper ID	Corresponding Author	All Authors	Paper Title
56	Arpita Nath Boruah	Arpita Nath Boruah, Saroj Kumar Biswas, Sivaji Bandyopadhyay and Sunita Sarkar	Expert System to Manage Parkinson Disease by Identifying Risk Factors: TD-Rules-PD
59	Suma Dawn	Suma Dawn, Utkarsh Saraogi and Utkarshi Singh Thakur	Agent-based Learning for Auto-Navigation within the Virtual City
66	Abhinaba Dattachaudhuri	Abhinaba Dattachaudhuri, Saroj Kumar Biswas, Sunita Sarkar, Arpita Nath Boruah, Manomita Chakraborty and Biswajit Purkayastha	Transparent Neural based Expert System for Credit Risk (TNESCR): An Automated Credit Risk Evaluation System
68	Yuvraj Pal	Ritu Raj, Yuvraj Pal and Murali Mohan Bosukonda	Control of a Twin Rotor MIMO System using a TS Fuzzy TITO PD Controller
78	Rama Murthy Garimella	Inthiyaz Basha Kattubadi and Rama Murthy Garimella	Novel Deep Learning Architectures: Feature Extractor And Radial Basis Function Neural Networks
80	Anju Khandelwal	Anju Khandelwal and Avanish Kumar	Evaluation of Service Time in DCS using Fuzzy and Clustering Technique
83	Lakshmi Dutta	Lakshmi Dutta and Dushmanta Kumar Das	An Ensemble Kalman Filter based Explicit Nonlinear Model Predictive Control design for Two Degree Freedom of Helicopter Model
84	Lakshmi Dutta	Lakshmi Dutta and Dushmanta Kumar Das	A Linear Model Predictive Control design for Magnetic Levitation System
86	Sneha Thombre	Sneha Thombre	Freeware Solution for Preventing Data Leakage by Insider for Windows Framework
92	Shilpa Chaman	Shilpa Chaman	Techniques for Compressing Deep Convolutional Neural Network
97	Thaisa Jawhly	Thaisa Jawhly and Ramesh Chandra Tiwari	Path loss modelling: A GIS-based approach
99	Md. Atiqur Rahman	Md. Atiqur Rahman and Pankaj Sarkar	A Novel Compact Dual-mode Substrate Integrated Waveguide Cavity Based Bandpass Filter For WLAN Applications
101	Nayan M. Kakoty	Tanaya Das, Dhruva Jyoti Sut, Vishal Gupta, Lakhyajit Gohain, Priyanka Kakoty and Nayan M. Kakoty.	A Mobile Robot for Hazardous Gas Sensing
102	Nanditha B R	B. R. Nanditha, A. Geetha Kiran, M. S. Dinesh, S. Murali and H. S. Chandrashekar	Texture Analysis of Color Oral Images for Lesion Detection
103	Shah Jyoti Gayatri	Shah Jyotibahen Gopalbhai, Swet Chandan, Tarun Pratap Singh, Pramod Kumar and Prashant Johri	Inverse Kinematics Analysis of 6R manipulator using RoboAnalyzer and PSO optimization
111	Rituraj Bhattacharjee	Rituraj Bhattacharjee and Rajagopal Kumar	Modelling of an Enhanced Microfluidic Device For Segregation Of Circulating Tumor Cells Using Asymmetric Deterministic Lateral Displacement
113	Yashwardhan Sahi	Yashwardhan Sahi, Swet Chandan and Satya Narayan Satapathy	Design and Simulation of PZT based energy harvester embedded in Asphalt Pavement
114	Shivam Sharma	Shivam Sharma, Swet Chandan, Prashant Johri and Yashwardhan Sahi	Optimization of MEMS type pressure sensor with pressure range 0 to 1.1 bar
119	Snehal A. Marathe	Snehal Marathe and Bhagwat Patil	Mechanisms for Improving the Productivity of the Existing Photovoltaic Panels: A Review

Paper ID	Corresponding Author	All Authors	Paper Title
120	Sateesh Reddy Avutu	Sateesh Reddy Avutu, Sudip Paul, Anjaneya Prasad V. V.B. and Jitendra Kumar Verma	Modelling of Brushless DC Hub Motor to control the speed of Indigenous powered wheelchair
121	Garima Thakur	Garima Thakur, Shruti Jain and Harsh Sohal	Design and Analysis of High Speed Parallel Prefix Adder for Digital Circuit Design Applications
125	Md Nasir	Md Nasir, Paramartha Dutta and Avishek Nandi	Recognition of changes in human emotion from face image sequence using triangulation induced barycentre-orthocentre paired distance signature
128	Alankrita	Alankrita ., Sudhir Kumar Srivastava, Shresth Kumar Gupta and Ankit Kumar Pandey	Assessment of Technical Parameters of Renewable Energy System : An Overview
132	Shalini Garg	Shalini Garg and Arun Jb	Computational Evaluation of DC Power Temperature Coefficient of a Multicrystalline Solar Photovoltaic Array for Real Field Conditions of Western Rajasthan, India
133	Banita .	Banita .	Detection of Parkinson's Disease Using Rating Scale
134	Subhradip Mukherjee	Subhradip Mukherjee, Rajagopal Kumar and Siddhanta Borah	Computational Study of DFMB Algorithm for Unmanned Vehicle in Static 2D Environment
136	Yaqoob Mubarak	Yaqoob Al Rahbi and Rizwan S M	A comparative analysis between the models of a single component with single repairman & multiple repairmen of an aluminium industry
137	Asmita Singh	Chandra Kumar, Asmita Singh, Deepak Kumar Singh and Nitesh Kumar Soni	Developing A Highly Secure and High Capacity LSB Image Steganography Technique using PRNG
138	Pawan Kumar	Pawan Kumar, Varun Kumar and Rajeev Sobti	Predicting Joining Behavior of freshmen students using Machine Learning - A case study
139	Utpal shrivastava	Utpal Shrivastava and Neelam Sharma	Artificial Neural Network based Dual Layered Predictive Model for Rare Attack Detection
140	Uttara Biswas	Uttara Biswas, Jayanta Kumar Rakshit and Madan Pal Singh	Photonic crystal based micro ring resonator sensor design for urinalysis
142	Prachi Agrawal	Prachi Agrawal, Talari Ganesh and Ali Wagdy Mohamed	Solution of Uncertain Solid Transportation Problem by Integer Gaining Sharing Knowledge Based Optimization Algorithm
143	Navsal Kumar	Navsal Kumar, Sajal Maharshi, Arunava Poddar and Vijay Shankar	Evaluation of Artificial Neural Networks for estimating Reference Evapotranspiration in Western Himalayan Region
146	Geetha Narayanan Thekkedath	Janhvi Malwade, Suaad Sayyed, Jamima Nasir, Yashada Parab, Geetha Narayanan, Shishir Gupta	Wireless Stethoscope with Bluetooth Technology
149	Deepali Newaskar	Deepali Newaskar and B. P. Patil	Wireless Charging of AIMDs- Compensation Circuits
150	Apurba Kumar Raibaruah	Apurba Raibaruah and Kaushik Deva Sarma	Parallel Gated Junctionless Field Effect Transistor
151	Siddhanta Borah	Siddhanta Borah, R. Kumar, Writtick Pakhira and Subhradip Mukherjee	Design and Analysis of Power Efficient IoT Based Capacitive Sensor System to Measure Soil Moisture
154	Mohammad Zeyad	Mohammad Zeyad, Prodip Biswas, Susmita Ghosh, Md. Tanvir Hassan Maruf, Md. Shehzad, Md. Ibrahim Hasan and Sheikh Raihana Shoshi	Design and Implementation of Temperature & Relative Humidity Control System for Poultry Farm
155	Vinod Kushvaha	Aanchna Sharma, Priyanka Madhushri, Vinod Kushvaha and Anand Kumar S.	Prediction of the Fracture Toughness of Polymer Composites using K-Nearest Neighbor (KNN) Method

Paper ID	Corresponding Author	All Authors	Paper Title
157	Anmol Singh	Nikhil Tiwari and Anmol Singh	A Novel Study Of Rainfall In Indian States And Predictive Analysis Using Machine Learning Algorithms
161	Vinit Kumar Singh	Vinit Kumar Singh, Ashu Verma and T. S. Bhatti	Design, Modeling and Study of Inverter Integrated reactive power compensation for Isolated Rural Microgrid
162	Abhishek Bhattacharjee	Abhishek Bhattacharjee and Sambhu Nath Pradhan	Impact of Transistor Aging on the Reliability of the Analog Circuit
163	Avishek Nandi	Avishek Nandi, Paramartha Dutta and Md Nasir	Human Emotion Classification: An Expression Specific Geometric Approach
164	Jagritee Talukdar	Jagritee Talukdar and Kavicharan. Mummaneni	Noise behavior of SG-ESTFET with various interface trap charges
165	Virendrakumar Kantilal Barot	Virendra Barot and Viral Kapadia	Air Quality Monitoring Systems using IoT: A Review
166	Satyam Mishra	Satyam Mishra and Rajesh Birok	Sleep Classification using CNN and RNN on raw EEG Single-Channel
167	Ashim Saha	Ashim Saha, Tulika Sharma, Harshika Batra, Anupreksha Jain and Vabna Pal	Human Action Recognition Using Smartphone Sensors
169	Vishwanath G Garagad	Vishwanath G. Garagad, Nalini C. Iyer and Heera G. Wali	Data Integrity: A security threat for Internet of Things and Cyber-Physical Systems
171	Md Sadik Tasrif Anubhove	Sadik Anubhove, Nawreen Ashrafi, Ahmed Mortuza, Morsheda Akter and Shadman Uddin	Machine Learning Algorithm based Disease detection in Tomato with Automated Image Telemetry for Vertical Farming
172	Md. Muntazir Billah	Susmita Ghosh, Muntazir Billah, Imran Hossain, S.M. Tanbir Islam, Rakibul Islam and Anup Roy	Designing and performance analysis of a small-scale power generating system utilizing rail locomotives
173	Koel Datta Purkayastha	Koel Datta Purkayastha, Shashank Sekhar Patra and Sambhu Nath Pradhan	Study on Correlation Among the Pollutant Gases and Strategy to Increase the Battery Lifetime of Sensor Network Based Monitoring System
174	Navarun Gupta	Navarun Gupta, Sarosh Patel and Lawrence Hmurcik	Using an Un-Balanced AC Wheatstone Bridge to Measure Capacitance and Inductance
175	Rahul	Rahul, Manoj and Jitendra Kumar Verma	A User Scheduling in LTE Network Having Environment with Mixed Traffic
181	Angana Saikia	Angana Saikia, Vinayak Majhi, Masaraf Hussain, Amit Ranjan Barua, Sudip Paul and Jitendra Kumar Verma	Machine learning based diagnostic system for early detection of Parkinson's disease
190	Himangshu Shekhar Baruah	Himangshu Shekhar Baruah, Jyotishman Thakur, Nazrul Hoque and Satyajit Sarmah	A Feature Selection method using PSO-MI
191	Apoorva Vikram Singh	Thoudam Doren Singh, Divyansha ., Apoorva Vikram Singh and Abdullah Faiz Ur Rahman Khilji	A Hybrid Classification Approach using Topic Modeling and Graph Convolution Networks
193	Jitendra Patil	Jitendra Patil, Vrinda Tokekar, Alpana Rajan and Anil Rawat	SMDMTS – Scalable Model to Detect and Mitigate slow/fast TCP-SYN flood attack in Software Defined Network
194	Sudhanshu Raj	Sudhanshu Raj and Navpreet Kaur Walia	A Study on Metasploit Framework: A Pen-Testing Tool
195	Supriya Katwe	Supriya Katwe and Nalini Iyer	Map-Based Particle Filter For Localization:Autonomous Vehicle
196	Sunayana Saikia	Sunayana Saikia and Rituparna Chutia	Ranking of interval type-2 fuzzy numbers using value and ambiguity
197	Arpita Nema	Arpita Nema	Ameliorated anti-spoofing application for PCs with users' liveness detection using blink count

Paper ID	Corresponding Author	All Authors	Paper Title
198	Pallabi Sharma	Pallabi Sharma, Kangkana Bora and Bunil Kumar Balabantaray	Identification of significant frames from colonoscopy video: an approach towards early detection of Colorectal cancer
201	Zaved Hazarika	Zaved Hazarika and Anupam Nath Jha	A comparative evaluation of docking programs using influenza endonuclease as target protein
202	Alankrita	Alankrita and Sudhir Kumar Srivastava	Application of Artificial Intelligence in Renewable Energy
203	Shreya Gupta	Ruchika Malhotra, Shreya Gupta and Tanishq Singh	A Systematic Review on Application of Deep Learning Techniques for Software Quality Predictive Modeling
205	Alokita Karmokar	Alokita Karmokar, Nikhil Jani, Anushka Kalla, Harsh Harlalka and Poonam Sonar	Inspection of Concrete Structures by a Computer Vision Technique and an Unmanned Aerial Vehicle
207	Arjun Ghosh	Arjun Ghosh and Nanda Dulal Jana	Neural Architecture Search with Improved Genetic Algorithm for Image Classification
208	Taher Saifuddin Sakriwala	Taher Saifuddin Sakriwala, Vikas Pandey and Ranjith Kumar Sreenilayam Raveendran	Reliability Assessment Framework for Additive Manufactured Products
209	Rathna Kumar R	Rathna Kumar	Brain Automation, panacea for Physical Disabilities
211	Deepali Milind Ujalambkar	Deepali Ujalambkar and Girish Choudhary	Congestion Aware Routing in Optical Burst Switched Network Using Spider Monkey Optimization
212	Shara Mathew	Shara Mathew, Nithin and Rathnamala Rao	Investigations on the Effect of Spacer Dielectrics on the DC characteristics of Dual Material Gate Junctionless FinFETs
214	Gourab Patowary	Gourab Patowary, Meenakshi Agarwalla, Sumit Agarwal and Manash Pratim Sarma	A Lightweight CNN Architecture for Land Classification on Satellite Images
215	Gattupalli Amruta	Gattupalli Amruta and Rajesh Kumar	Enhancing the Performance Characteristic of Patch Antenna using Split-Ring Resonator Metamaterial
216	Sangeeta Sarkar	Sangeeta Sarkar, Meenakshi Agarwalla, Sumit Agarwal and Manash Pratim Sarma	An Incremental Pruning Strategy for fast Training of CNN Models
218	Kunal Aggarwal	Kunal Aggarwal and Sandeep Panwar Jogi	Automatic liver and sub-cutaneous fat segmentation from MRI-PDFF images
219	Jayant Singh	Jayant Singh and Kishorjit Nongmeikapam	Negative Comments Multi-Label Classification
222	Mohammad Tabrez Quasim	Mohammad Tabrez Quasim and Mohammad Ayoub Khan	A Blockchain based Secured Healthcare Framework
223	Madan Pal Singh	Madan Pal Singh, Jayanta Kumar Rakshit, Uttara Biswas, Gaurav Kumar Bharti and Aayushi Tiwari	Design of all-optical OR/AND logic gates using conversion of polarization states in single-waveguide coupled ring-resonator
225	Ashis Maity	Hara Gobinda Naskar and Ashis Maity	A Gm-C Biquad Programmable Band Pass Filter Design for Wireless Applications
226	Tejus R S	Tejus R. S.	Decision Based Paradigm For Business Intelligence
233	Swathy Krishna	Swathy Krishna and Anju J.	DIFFERENT APPROACHES IN DEPRESSION ANALYSIS : A REVIEW
235	Arunima Mishra	Arunima Mishra, Bipin Kumar Tripathi and Sudhir Singh Soam	A Genetic Algorithm based Approach for the Optimization of Multiple Sequence Alignment

Paper ID	Corresponding Author	All Authors	Paper Title
237	Jeet Makadia	Jeet Makadia, Ravi Pashchapur, Tushar Dhulasawant, Yakshith Gopal G. and Deepak Raj P. Y.	Autonomous Flight Vehicle Incorporating Artificial Intelligence
238	Athira M V	Athira M. V. and Diliya M. Khan	Recent Trends on Object Detection and Image Classification: A Review
240	Apurbalal Senapari	Apurbalal Senapati, Arun Poudyal, Prithwiraj Adhikary, Sahana Kaushar, Anmol Mahajan and Baidya Nath Saha	A Machine Learning Approach to Anaphora Resolution in Nepali Language
241	Apurbalal Senapari	Apurbalal Senapati and Baidya Nath Saha	Long Short Term Memory (LSTM) based Deep Learning for Sentiment Analysis of English and Spanish data
244	Preity	Preity and Jayanthi N.	A Segmentation Technique of Retinal Blood Vessels using Multi-Threshold and Morphological Operations
247	Manisha Vashisht	Manisha Vashisht and Brijesh Kumar	Analysis of Traffic Signage Detection using Machine Learning Techniques
249	Aira Alamag	Carlo Aleta, Mc Lourenz Maco, Mara Alexandra Castillo, Praise Deblois, Aira Alamag and Roselito Tolentino	Mimicking Hybrid Manipulator Humanoid Torso by Applying Vector Multiplication Using Microsoft Kinect for Xbox One
250	Shaswat Dharaiya	Shaswat Dharaiya, Bhavin Soneji, Deep Kakkad and Naren Tada	Generating Positive and Negative Sentiment Word Clouds from E-Commerce Product Reviews
251	Angshumala Talukdar	Angshumala Talukdar and Kaushik Chandra Deva Sarma	An Analytical Potential Model for Normally On Double Gate Junctionless Field Effect Transistor
252	Satvik Sabarad	Satvik Sabarad and Shubham Gupta	Quantification of regenerative braking energy in a two-wheeler incorporating various duty cycles
253	Kunaldeep Kalita	Kunaldeep Kalita, Ashwani Kumar Rai, Kunal Pandey and Rachana Garg	Comparative Analysis of different variants of Particle Swarm Optimization for Economic Load Dispatch Problem
256	Sandip Bordoloi	Sandip Bordoloi	Mathematical Analysis of Optical Power of a Bare, Bent and Tapered Multimode Optical fibre sensor using 3 term Sellmeier equation
257	Jayashree Deka	Jayashree Deka and Shakuntala Laskar	Performance Comparison of FOD based Edge Detector and Traditional Edge Detectors on Fish Image Edge Detection
258	Saloni Mishra	Saloni Mishra and A. N. Tiwari	Simulation and Analysis of Open loop PV system with Double Stage Conversion
259	Rituraj Singh	Rituraj Singh, Jasmeet Singh, Mehrab Singh Gill, Ruchika Malhotra and Garima	Transfer Learning Code Vectorizer based Machine Learning Models for Software Defect Prediction
260	S. Arul Mugilan	Arul Mugilan, Akil Nivetha, Ponraj R. and Sherlyn Jemimah	Prediction of Exons using Normalized Probability Parameters derived from Statistical Analysis of Coding Sequences
261	Utpal Barman	Utpal Barman, Ridip Dev Choudhury, Asif Ekbal Hussain, Mridul Jyoti Dahal, Puja Barman and Mehnaz Hazarika	Comparative Assessment of AR, MA and ARMA for the Time Series Forecasting of Assam and Meghalaya Rainfall Division
262	Lakshmi Narayana Thalluri	Lakshmi Narayana Thalluri, Md.Baig Mohammad, Renuka Devireddy, Priyanka Ch and Rajiya Sulthana	An image processing approach for grading of mangoes based on maturity
263	Tamen Thapa Sarkar	Tamen Thapa Sarkar, Lillie Dewan and Chitralkha Mahanta	Real Time Swing up and Stabilization of Rotary Inverted Pendulum System

Paper ID	Corresponding Author	All Authors	Paper Title
268	Mohan Kumar	Mohan Kumar, Sunil Kumar Khatri and Masoud Mohammadian	Review on breast cancer disease predictive modelling using Swarm intelligence
269	Pragya Sharma	Pragya Sharma, Swet Chandan and B.P. Agrawal	Vibration signal-based Diagnosis of defect embedded in outer race of ball bearing using 1-D CNN
271	SUNITA SAHA	Sunita Saha, Athanasia Papanikolaou, Jacek Martusewicz and Robert Sitnik	Augmented Reality in Tracking the Surface Geometry Change of Cultural Heritage Objects
272	Vijay Liladhar Agrawal	Vijay Agrawal and Sanjay Dudul	Conventional Neural Network approach for the Diagnosis of Lung Tumor
273	Suman Devi	Azeem Uddin, Suman Devi and Jitendra Kumar Verma	Qualitative software process management for developing countries- An exploratory study
276	Shubham Gaur	Shubham Gaur and Imran Khan	Artificial Intelligence based Hybrid Wind Solar Power System
277	Vinayak Majhi	Vinayak Majhi, Sudip Paul, Goutam Saha and Jitendra Kumar Verma	Sensor based detection of parkinson's disease motor symptoms
278	Rahul Hans	Rahul Hans and Harjot Kaur	Feature Selection Using Metaheuristic Algorithms: Concept, Applications and Population Based Comparison
279	Apurbalal Senapari	Baidya Nath Saha, Apurbalal Senapati and Anmol Mahajan	LSTM based Deep RNN Architecture for Election Sentiment Analysis from Bengali Newspaper
280	Kakoli Goswami	Kakoli Goswami and Aditya Bihar Kandali	Electricity Demand Prediction Using Data Driven Forecasting Scheme: ARIMA and SARIMA for realtime load data of Assam
284	Jagdish Chandra Patni	Jagdish Chandra Patni, Souradeep Banerjee and Devyanshi Tiwari	Infrastructure as a code (IaC) to Software Defined Infrastructure using Azure Resource Manager (ARM)
285	Vikas Pandey	Anupam Kumari and Vikas Pandey	Non-Dynamic Power Reduction Techniques for Digital VLSI Circuits: Classification and Review
289	Akho John Richa	Tripurari Sharan and Akho John Richa	Low-voltage BD-FC-OTA Based-DO-CCII and its Applications for Low Frequency Signal Processing
290	Shachi Sharma	Shachi Sharma and Sonam Pemo	Performance Analysis of Various Entropy Measures in Clustering Categorical Data
294	Rajendra Kumar	Rajendra Kumar, Sunil Kumar Khatri and Mario José Diván	Effect of cooling systems on the energy efficiency of data centers: Machine Learning optimisation
295	Anjanmani Baro	Anjanmani Baro and Kaushik Chandra Deva Sarma	Study on Electrical Characteristics of Double gate Junctionless Field Effect Transistor With Triangle Shaped Spacer
297	Anunay Kumar	Anunay Kumar, Yashwardhan Sahi, Swet Chandan and P Suresh	Modal analysis of helical gear train using Ansys
298	Namita Das	Namita Das and Kaushik Chandra Deva Sarma	Surrounded Channel Junctionless Field Effect Transistor
299	Namita Das	Namita Das and Kaushik Chandra Deva Sarma	Depletion Width Modelling of Surrounded Channel Junctionless Field Effect Transistor
300	Caffey Jindal	Caffey Jindal, Rishikesh Pandey and Arvind Thakur	Floating-gate MOSFET based class-AB flipped voltage follower cell
301	Shreya Bhattacharyya	Souvik Majumder, Shreya Bhattacharyya, Papiya Debnath and Manash Chanda	Power Delay Analysis of CMOS Reversible Gates for Low Power Application

Paper ID	Corresponding Author	All Authors	Paper Title
302	Debashree Devi	Debashree Devi, Saroj K. Biswas and Biswajit Purkayastha	A Review on Solution to Class Imbalance problem: Undersampling Approaches
305	Deepjyoti Mahanta	Deepjyoti Mahanta, Hemashree Bordoloi and Samar Jyoti Saikia	LabVIEW based Smart Pillow
306	B Sreenivasa Venkat Raman	B Sreenivasa Venkat Raman, Prabhat Ranjan Tripathi, Gauri Shanker Gupta and Ritesh Kumar Keshri	Effects of Injected Harmonics on Torque pulsations of a Three Phase Induction Motor: Study on SPWM
307	Anish Pratap Vishwakarma	Anish Vishwakarma and Ksh. Milan Singh	Comparative Analysis of Adaptive PI Controller for Current Harmonic Mitigation
309	Abhishek Chauhan	Abhishek Chauhan, Pritam Rout and Ksh Milan Singh	Vibration Parameters Estimation using mHDFT Filter in PLL Technique
310	Chinmoy Sailendra Kalita	Chinmoy Kalita and Maushumi Barooah	Li-Fi Based Handoff Technique in VANET
311	Pritam Rout	Pritam Rout, Abhishek Chauhan and Ksh Milan Singh	COV Based Classification of PQ Disturbances Using Wavelet and Optimized SVM Hyper-Parameters
317	S.M. Masum Ahmed	Mohammad Zeyad, S.M. Masum Ahmed, Md. Tanvir Hassan Maruf, Md. Shehzad and Md. Abdul Ala Walid	Design & Implementation of a Micro-controller Based Home Appliances Controlling with Dual Verification Application System
318	Kumar Ashutosh	Kumar Ashutosh	Hardware Performance Analysis of Mobile-Based Augmented Reality Systems
320	Robin Wilson	Robin Wilson, Raja Gandhi, Amit Kumar and Rakesh Roy	Optimized Vector Control Strategy for Dual-Rotor Axial Flux Permanent Magnet Synchronous Motor for In-Wheel Electric Drive Applications
326	Utpal Barman	Utpal Barman, Diganto Sahu, Golap Gunjan Barman and Jayashree Das	Comparative Assessment of Deep Learning to Detect the Leaf Diseases of Potato based on Data Augmentation
328	Jyotindra Narayan	Jyotindra Narayan, Arjun Pardasani and Santosha K Dwivedy	Comparative Gait Analysis of Healthy Young Male and Female Adults using Kinect-Labview Setup
329	Chayanika Sharma	Chayanika Sharma and Utpal Sarma	Design and Optimization of a Microheater for the application of Indium Tin Oxide (ITO) based Gas Sensor in VOC detection
330	Sarika Chaudhary	Sarika Chaudhary and Aman Jatain	Performance Evaluation of Clustering Techniques in Test Case Prioritization
331	Rajani Singh	Rajani Singh and Nagesh Sharma	Machine Learning Based Medical Information Analysis, Estimations and Approximations over Present Health Research Domain
333	Ganesh Khekare	Shrutika Verma, Samay Sur, Ganesh Khekare, Prof. Rakesh Haldkar and Prof. Pratik Moon	Design of Fruit Segregation and Packaging Machine
334	Bolivia Konthoujam	Bolivia Konthoujam, Satyabrat Malla Bujar Baruah and Soumik Roy	Interference Model for NMDA Receptor
335	Debdeep Saha	Debdeep Saha, Plaban Bora and Udayan Sarmah	Modeling of Air and Fuel Combustion as Emission in Solving AGC Problem of an Isolated CCGT Plant
337	Apurba Kumar Raibaruah	Apurba Raibaruah, Angshumala Talukdar and Kaushik Deva Sarma	Undoped Junctionless Field Effect Transistor
338	Deepjyoti Kalita	Deepjyoti Kalita	An Automatic Detection of Arrhythmia Disease Diagnosis System Based on Artificial Neural Network and Support Vector Machine

Paper ID	Corresponding Author	All Authors	Paper Title
339	Aiusha Vellintihun Hujon	Thoudam Doren Singh and Aiusha V Hujon	Low Resource and Domain Specific English to Khasi SMT and NMT Systems
343	P. Mercy Nesa Rani	P Mercy Nesa Rani and Phrangboklang Thangkhiw	A Review on Fundamentals of Ternary Reversible Logic Circuits
344	Raja Gandhi	Raja Gandhi, Robin Wilson, Amit Kumar and Rakesh Roy	Comparative Analysis of Vector Controlled PMSM Drive with Particle Swarm Optimization and Ant Colony Optimization Technique
345	Pranabjyoti Haloi	Pranabjyoti Haloi, M. K. Bhuyan, Pooja Rani Borah and Dibyajyoti Chatterjee	A Novel Algorithm for Shot Boundary Detection and Segmentation of Broadcast News Videos
346	Pooja Batra	Pooja Batra and Aman Jatain	Measurement Based Performance Evaluation of DevOps
347	Rupjyoti Haloi	Rupjyoti Haloi, Jupitara Hazarika and Dipankar Chanda	Selection of appropriate Statistical Features of EEG Signals for Detection of Parkinson's Disease
351	Adarsh Pradhan	Adarsh Pradhan, Bhaskarjyoti Sarma and Bhiman Kr Dey	Lung Cancer detection using 3D Convolutional Neural Networks
352	Arunabh Saikia	Arunabh Saikia, Sayan Sill, Satyabrat M. B. Baruah, Soumik Roy and Bikash R. Das	Android Interface for Handling ECG Data from GE MAC 600 ECG System
354	Mahamudunnobi Sykot	Md. Mehedi Hasan, Muslima Tuz Zahra, Md. Mahamudunnobi Sykot, Rubaiya Hafiz and Mohd. Saifuzzaman	Solving Onion Market Instability by Forecasting Onion Price Using Machine Learning Approach
355	Nairit Barkataki	Nairit Barkataki, Sharmistha Mazumdar, Rajdeep Talukdar, Priyanka Chakraborty, Banty Tiru and Utpal Sarma	Prediction of size of buried objects using Ground Penetrating RADAR and Machine Learning Techniques
357	Sunita Jahirabadkar	Sunita Jahirabadkar, Prajakta Narsay, Shivani Pharande, Gargi Deshpande and Anusha Kitture	Space Objects Classification Techniques : A Survey
358	Pritom Gogoi	Pritom Gogoi, Manpa Barman, Mahendra Deka, Upasana Rajkonwar, Rhittwikraj Moudgollya	Object Detection and Tracking Turret based on Cascade classifiers and Single Shot Detectors
361	Ketanpreet Kaur	Ketanpreet Kaur, Vikrant Sharma and Monika Sachdeva	Framework for FOGIoT based Smart Video Surveillance System (SVSS)
362	Varsha Prakash	Varsha Prakash and Smitha Vas P	Survey on Lung Cancer Detection Techniques
365	Rahul Pandey	Rahul Pandey and Lalchhanhima	Segmentation Techniques for Complex Image: Review
368	Udeshna Hazarika	Udeshna Hazarika, Monalisa Das and Kandarpa Kumar Sarma	A Reconfigurable Time Multiplexed Multichannel ADC model for efficient Data Acquisition
369	Adarsh Pradhan	Adarsh Pradhan, Bhaskarjyoti Sarma, Rahul Kumar Nath and Bhiman Kr Dey	Transfer Learning based Classification of Diabetic Retinopathy Stages
371	Bandana Pal	Bandana Pal, Surya Mahajan and Shruti Jain	A Comparative Study of Traditional Image Fusion Techniques with A Novel Hybrid Method
372	Santosh Kumar	Santosh Kumar, Chandra Shekhar Yadav and Barasha Mali	Design of Microstrip Tunable bandpass filter using ferroelectric thin film varactor
373	Kiran Somiseti	Kiran Somiseti, Khushboo Tripathi and Jitendra Kumar Verma	Design, Implementation and Controlling of a Humanoid Robot

Paper ID	Corresponding Author	All Authors	Paper Title
374	Suman Devi	Nikhil Shrivastva, Suman Devi and Jitendra Kumar Verma	Digital money: The Empowering New Currency
375	Suman Devi	Abhishek Sharma, Suman Devi and Jitendra Kumar Verma	Braille Book Reader using Raspberry Pi
376	Raza Abbas Haidri	Bakhtawar Parvez, Raza Abbas Haidri and Jitendra Kumar Verma	IoT in Agriculture
377	Raza Abbas Haidri	Shivam Vatshayan, Raza Abbas Haidri and Jitendra Kumar Verma	Design of Hybrid Cryptography System based on Vigenere Cipher and Polybius Cipher
378	Utpal shrivastava	Utpal Shrivastava and Neelam Sharma	Feature Selection and Implementation of IDS using Boosting algorithm
379	Apoorva Rawat	Apoorva Rawat and Arun Solanki	Sequence Imputation Using Machine Learning with Early Stopping Mechanism
380	Amita Charan	Amita Charan and Jitendra Kumar Verma	Characterizing Social Media Content for Regulating Hate Crimes and Cyber Racism against Marginalized and Dalits