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262	604	Brain Tumor Classification with Inception V3 Network Model Using Transfer Learning <i>T. Siva Kumar, R. Lohanandd, K. Kaviyanandh, J. Gunabharathi</i>	1392-1395
263	607	Controlling Gate Valves with Wi-Fi: An Overview of Available Technologies and Applications <i>Naveenprabhu V, Hariharan S, BarathKumar S, Ganesh Kumar S, Aadithan U, Janani B</i>	1396-1400
264	608	Intravenous Fluid Telemetry System <i>Shanthini E, Karthikamani R, Anindita K, Divya Shree D, Ancy A</i>	1401-1406
265	610	Symmetric And Asymmetric Algorithms for Susceptible Harmful in Wireless Sensor Network on FPGA Platform <i>L. Saranya, C. Arvind, Zhu and Seng Tang</i>	1407-1412
266	611	Patch Area Extension Technique of Microstrip Patch Monopole Antenna Design <i>Jesvin Sam Geoffrey R, Jovin Kingsly M, T Mary Neebha, Patric R Rebulash Esli, Bijoffrin W.B, A. Diana Andrushia, M A P. Manimekalai</i>	1413-1417
267	613	Design and Fabrication of IOT Based Wearable Kneecap for Anterior Cruciate Ligament (ACL) Injury <i>Atsaya S, Harini D, Bharathan M, S. Velmurugan</i>	1418-1422
268	615	Smart Electric Vehicle Charging Station <i>L. Saranya, R. Kavya Sree, D. Janani, P. Loga Sheneha, A. Priyadharshini,</i>	1423-1427
269	616	A Comparative Study of Agricultural Crop Yield Prediction Using Machine Learning Techniques <i>M. Uma Maheswari, R. Ramani,</i>	1428-1433
270	618	Design and Development of INC-MPPT Switched ZETA Converter for Solar PV Arrays <i>Umapathi K, Kathiravan G, Usha P</i>	1434-1438
271	619	Robotic Car Using NodeMCU ESP8266 Wi-Fi Module <i>Siddesh GK, Rakesh Kumar Patel, Sayan Maitra, Sabitabrata Bhattacharya, Shaik Moosa, Pattubala Pavan</i>	1439-1443
272	623	Development and Implementation of a Material Handling Robotic Arm Assisted by Voice <i>Saravanan. M, Saran Karthik C, Surya Prasath J, Harish Ramanan A, Ragavendra Balaji P, P Naveen</i>	1444-1448
273	624	An Ensemble Approach for Flight Delay Prediction Through Spatiotemporal Parameters <i>Nivitha K, Madhavan V, Megha V, Dinesh Kumar S, Jothi Lakshmi S</i>	1449-1454
274	627	Automatic Classification and Earlier Detection of Diabetic Retinopathy Using Deep Learning <i>Murugan A, Ashok B, Dhanush M, Elankathir S</i>	1455-1459
275	628	Arduino-Based Robotic Arm for Sludge Cleaning <i>Arun M, Ranjana R, Prathipa R, M. PremKumar, G P Dhanalakshmi</i>	1460-1464
276	629	A Novel Steganographic Approach for Image Encryption Using Watermarking <i>Preethi Nanjundan, Devanshi Singh, Aabhas Vij, Jossy P. George</i>	1465-1470
277	631	Enhancement of Network Security in MANET By Using Guided Whale Optimization Algorithm (GWOA) for Solving Multi objective Optimization <i>N. Siva Naga Malleswari, Dingari Kalpana, S. Marlin, N. Bala Sundara Ganapathy, M. Arun, P. Satyanarayana</i>	1471-1476
278	633	SCUBA Divers Health Monitoring and Risk Management System <i>Gunanandhini S, Mathu Shree P, Manojkumar G, Ragul M, Manjit S, Gokul R</i>	1477-1481
279	634	Five Stage Pipelined MIPS Processor Verification Coverage Module Using UVM <i>K Pandiaraj, Chamarthi Pavan Kumar, Mujayiddin Attar, Sreenath Naidu, Deepaguntla Hajipeera</i>	1482-1485

280	637	Crocini: A Potent Secondary Metabolite As BACE1 Inhibitor In Alzheimer's Disease <i>Murali Mohan Mishra, Pravir Kumar</i>	1486-1490
281	639	Review Of Hybrid Microgrid Power Management Using Renewable Energy Sources <i>Kalaivani C, Subramanyam M V, Gopinath Singaram, Udhaya Kumar A, Mohanraj K, Saravanakumar R</i>	1491-1496
282	640	A Study of Small Corpus-based NMT for Image-based Text Recognition <i>Sio-Kei Im, Ka-Hou Chan</i>	1497-1501
283	644	AI Based Rebarbative System for Farm Field Invading Animals Using UAV <i>Raghunandan G H, Sanjana Kadam, Ninaada M S, Nivedita S, Keerthana R</i>	1502-1506
284	645	Indian Sign Language Generation from Live Audio or Text for Tamil <i>Bandi Rupendra Reddy, Daka Chandra Rup, Mathi Rohith, Meena Belwal</i>	1507-1513
285	647	Prediction of Bitcoin Price through LSTM, ARIMA, XGBoost, Prophet and Sentiment Analysis on Dynamic Streaming Data <i>K. Ramani, M. Jahnavi, P. Jagadeesh Reddy, P. VenkataChakravarthi, P. Meghanath, S. K. Imran</i>	1514-1518
286	652	Oleander: Feature Selection and Classification Method For Predicting Human Thirst <i>Sowmiya M, Mohan Kumar S, Suganth V, Sugaranjani S</i>	1519-1523
287	653	Review on Recent Techniques to Detect Diabetic Retinopathy <i>Thumma Dharani, Jorige Bala Vivek, Medikonda Padma Prasamsa</i>	1524-1529
288	654	Lung Cancer Classification and Through Deep Learning Model and Localization of Tumor <i>Shashank Swaroop, Shruti Sharma, Janarthanan. S</i>	1530-1534
289	655	No Key - Smart Door Unlock System Using Fingerprint from Bluetooth Device <i>B. Swathi, Aditya Sunit Kanoi, Harshvardhan Kumar, Jaiswal Hast Sinha, Gana Sasank Reddy Gajjala</i>	1535-1539
290	656	Comparative Investigations on Tomato Leaf Disease Detection and Classification Using CNN, R-CNN, Fast R-CNN and Faster R-CNN <i>G. Priyadharshini, D. Raveena Judie Dolly</i>	1540-1545
291	658	Smart SKIVVY an Autonomous Robot Using IoT <i>Tumu Vineetha, Karakambadi Gowthami, Gudipati Yalassan, Ande Harika Sai</i>	1546-1549
292	660	Follicle Detection of Polycystic Ovarian Syndrome (Pcos) Using Yolo <i>Kirti Mahajan, Pallavi Mane</i>	1550-1553
293	662	An Efficient Clock Gated RSFQ Matrix Multiplier through FPGA Implementation <i>Kaarthik K, Vivek C, Sivaranjani S</i>	1554-1558
294	663	A Novel Approach for Test Pattern Generation using ALU <i>Kaarthik K, Vivek C, Sivaranjani</i>	1559-1563
295	665	Recycling Methods for Crystalline Silicon Solar Panels <i>Padmini Sawant, Yayati Shinde, Prathmesh Patil, Shubhangi Gurav, Surekha Khetree, Firdos Khan</i>	1564-1569
296	670	Deep Learning Approach to Offline Signature Forgery Prevention <i>Prasanna Blessy, K. Kathiresan, N. Yuvaraj</i>	1570-1575
297	677	An Efficient Approach for Analyzing Reviews Using an Ensemble Technique <i>Anil Kumar Dudla, Madhusudhan Rao Atthuluri, Peeru Soheb Shaik, Vasu Sai Balaram Yalamanchili</i>	1576-1581
298	678	Design of Compact Monitoring System for Patients with Oxygen Deficiencies <i>Ujwala Ghodeswar, Pranshu Bendle, Ritik Thakare, Shruti Dabarde, Markandeya Wankhede</i>	1582-1585
299	679	Intrusion Detection using Machine Learning Techniques: An exhaustive review. <i>Ashwathy Anda Chacko, M.Roshni Thanka, Bijolin Edwin, Shamila Ebenezer A</i>	1586-1589
300	683	IoT and AI based Forest Fire Prediction and Animal Monitoring System <i>Krishnaveni A, Harsha H M, J Vishnu Reddy, K Praveen, Adarsh Reddy Mulumudi</i>	1590-1594
301	685	A Review on Blockchain Based Supply Chain Systems <i>Jay Munjapara, Harsh Sawant, Nimish Patil, Shreya Patankar</i>	1595-1598
302	686	Alerts and A Digital Library Based on RFID <i>P. T. Sivagurunathan, S. Kavinaraj, J. Manoj Kumar, R.M. Hariprasath</i>	1599-1603
303	687	Automatic Attendance Monitoring System Using LBPH and HAAR Algorithm <i>Rathinamala S, Karthikeyan A, Abishek R, C.K. Kannan</i>	1604-1608

304	689	Liquid Petroleum Hydrocarbon Ocean Coastal Water Pollution Identification Using Deep Neural Network <i>A. Vinesh Maria Anto, B.Venkat Eswar, Thilagavathi C, N.Subash, K.Riza Thoufiq</i>	1609-1613
305	695	Diabetes Mellitus Diagnosis based on Tongue Images using Machine Learning <i>Bharani R, Manishaa K T, Jaisurya D, Ram Kumar C</i>	1614-1618
306	698	Review On Prevention of Data Leakage in Cloud Server by Utilizing Watermarking and Double Encryption Techniques <i>Padmini Devi B, Deepak S, Abimanyu NK, Harish Kumar S</i>	1619-1625
307	699	Efficient Object Detection on Sparse-to-Dense Depth Prediction <i>Megala G, Swarnalatha P</i>	1626-1630
308	700	Forecasting Diseases Through Microscopic Image Analysis by Utilizing BNN <i>Padmini Devi B, Harees S, Aneesh S, Mukesh V</i>	1631-1637
309	703	Improved Authentication and Drowsiness Detection From Facial Features Using Deep Learning Framework In Real Time Environments <i>Santhiya S, Divyabharathi T, Jen0 J, Kawin D</i>	1638-1642
310	706	A Novel Approach for Vehicular Accident Detection and Rescue Alert System using IoT with Convolutional Neural Network <i>R. Sathya, S. Ananthi, M.R.S. Abirame, R. Nikalya, A. Madhupriya, M. Prithiusha</i>	1643-1647
311	709	Sensor Automation for Industrial Applications and Prediction of Energy Level for Home Appliances Using Machine Learning Algorithm <i>Premkumar Duraisamy, Yuvaraj Natarajan, Jasmine Selvakumari Jeya, V. Niranjani</i>	1648-1654
312	710	Realtime Embedded Smart Jacket System for Coal Miners <i>Karthika. S, Jayabaskaran. G, Sri Sivahari. P, Hariharan .M, Poonthamizhan. M, Poongothai. G</i>	1655-1660
313	711	Early Detection of Melanoma Using Convolutional Neural Network and Random Forest Algorithm <i>Nandhini V, Sam Christopher S, Shivashnee B, C. Ram Kumar</i>	1661-1664
314	713	Cloud Simulator Search Framework the Vigilant Fetcher <i>Vishal Kumar</i>	1665-1670
315	715	Detection and Classification of Pneumonia Using Deep Learning by the Dense Net-121 Model <i>Sarala Pappula, Teja Nadendla, Nagendra Babu Lomadugu, Sai Revanth Nalla</i>	1671-1675
316	717	Separation of Phishing Emails Using Probabilistic Classifiers <i>Ishwarya R, Muthumani S, Siva Sharma Karthick P. G, Suriya S</i>	1676-1679
317	725	Truncated Booth Multiplier Design of Approximate Compressors Using Verilog Hdl <i>Senthilkumar N, Elanchandhar Pon, Bharanidharan K, Akash Kumar M</i>	1680-1683
318	727	An Effective Cardless Atm Transaction Using Computer Vision Techniques <i>Priya P, Jeeva R, Pradeep M M, Kishor S</i>	1684-1690
319	729	Social Media Text to Formal Representation: A Knowledge Graph Approach <i>Yaswanth Phani Kommineni, Srilekha Somanchi, Boina Sai Pavan Kumar, Yash Ladani, Lekshmi S Nair</i>	1691-1696
320	730	Machine Learning Applied in Emotion Classification: A Survey on Dataset, Techniques, and Trends for Text Based Documents <i>Disha Chavan, Esha Anvekar, Megha Dandapat, Vaibhav Bichave, Jayashree Jagdale</i>	1697-1703
321	732	A Recommendation System for Crop Prediction Under Diverse Weather Conditions <i>ShunmugaLakshmi P, Ram Kishore V, Pillai Pratham Ramachandran, Santhi S, Kalaiselvi S</i>	1704-1709
322	734	Comparative Study of Machine Learning Algorithms for Prediction of Polycystic Ovary Syndrome <i>Neeta Chavan, Saakshi Karkera, Aishvarya Birambole, Isha Chavan, Risa Samanta</i>	1710-1714
323	736	Plant Disease Classification using Deep Learning Approach (VGG19) <i>Jude Rithik P, Sandhya Devi RS, Medwin Brendan A, Sugumar R</i>	1715-1718
324	740	Impact of Stress During COVID-19 Pandemic <i>Hindu Angalakuditi, Biswajit Bhowmik</i>	1719-1724
325	741	IoT Evolution and Recent Advancements <i>Prathyusha M R, Biswajit Bhowmik</i>	1725-1730
326	743	Solar PV Array Based Multi-Functional SmartEV Charger <i>Thamizharasan. R, Anbarasan. V, Lakshmi Priya. R, Lenin Joshua. T</i>	1731-1737

327	744	Braille Based Mobile Communication for Deaf and Blind People T. Barathkumar, Saran S, Sujitha S, Vikash R	1738-1742
328	746	Design of a Robotic Helpmate <i>Nithya S, Poornima R, Manojkumar G, Kaviyan T, Lingamoorthy L, Seethalakshmi V</i>	1743-1748
329	747	Modelling & Analysis of Portable Battery Charger for EV Applications <i>S. Suresh, Madhumitha S, Allan Geoffrey A, Arunachalam C</i>	1749-1754
330	748	IoT Based Traffic Management System for Emergency Vehicles <i>M P Mohandass, Kaliraj I, Maareeswari R, Vimalraj R</i>	1755-1759
331	752	QR Code with Block Chain Technology for Medical Device Ownership <i>K. Makanyadevi, S. Rithika, S. Biratheep, S. Subanki</i>	1760-1764
332	754	Forecasting the Behavior of EV Charging Using Machine Learning <i>Shaik Salam, Godula Krishna Veni, Chetana Kamale, Appaneni Lakshmi Deepika, Andra Bruhathi</i>	1765-1768
333	758	Exploring The Impact of Motif-Driven Causal Temporal Analysis Using Graph Neural Network in Improving Large Language Model Performance for Pharmacovigilance <i>Aparna Kalla, Sudipta Mukhopadhyay, Zonunfeli Ralte, Indrajit Kar</i>	1769-1776
334	763	Smart Campus Bus Tracking Alert System Using Real-Time GPS <i>M. Sobhana, T, Revanth Chowdary, M. G .S .S Venkatesh, K. Sri Devendra</i>	1777-1781
335	765	Automated Resume Classification System Using Ensemble Learning <i>Spoorthi M, Indu Priya B, Meghana Kuppala, Vaishnavi Sunilkumar Karpe, Divya Dharavath</i>	1782-1785
336	771	Deepcheque: a Large Language Model Approach to Automated Cheque Collection Framework and Information Retrieval Using Multiple Loss Functions <i>Zonunfeli ralte, Rohini Das, Indrajit. kar</i>	1786-1793
337	773	Record Suppression with Personalized security System <i>Rishi P, Sri Nandhaan, Supasankar, Anandaraj</i>	1794-1797
338	774	Design of Hybrid UAV With Multi Rotor Propulsion System <i>Venugopal E, Ramesh A, Sivakumar P, Sivakumar P, Pranesh Selvaraj</i>	1798-1802
339	775	Apple and Tomato Leaves Disease Detection using Emperor Penguins Optimizer based CNN <i>R Suguna, Vinoth Kumar C N S, S Deepa, Arunkumar M.S.</i>	1803-1808
340	777	Embedded based Smart Accident Pre-Alert and Prevention System with Machine Learning <i>S. Malini, C. Murugan, G. Dency Flora, Gowri Shangari E</i>	1809-1813
341	783	Comparative Evaluation on Various Machine Learning Strategies Based on Identification of DDoS Attacks in IoT Environment <i>Abinaya M, Prabakeran S, Kalpana M</i>	1814-1821
342	788	Random Forest-Based Fantasy Football Team Selection <i>Amitesh Peddii, Reetu Jain</i>	1822-1826
343	789	Wearable Smart Gadget for Child Monitoring based on the Internet of Things <i>Shameema Latheef R, Sumimol L</i>	1827-1831
344	792	Plant Disease Detection and Prevention Using Deep Learning <i>Prashant Giridhar Shambharkar, Saurabh Sharma</i>	1832-1838
345	797	A Logical Agent Approach to Solving the Wumpus World Problem: An Analysis of Game Trees <i>Mrudgandh Kumbhar, Vinay Vishwakarma, Reetu Jain</i>	1839-1844
346	802	Design and Development of Multipurpose Data Acquisition for Effective Transportation <i>S Diwakaran, Baswarajula Sai Kumar, Konduru Kumar, Katugunta Sushmitha Kondama Reddy Chandra Siddhardha Reddy</i>	1845-1850
347	805	Analyzation of Sentiments of Product Reviews using Natural Language Processing <i>Hariharan K, Aneesh Ahmed A, Balaji L and Haarishanker P, Anandaraj A</i>	1851-1854
348	807	Predicting Indian GDP with Machine Learning: A Comparison of Regression Models <i>Nikhil Srinivasan, Krishna M, Naveen V, Kishore S M, Sampath Kumar, Subha R</i>	1855-1858
349	810	High Gain More Stable Self Biased Two Stage Differential Amplifier for Bio-signal Processing <i>Pattem Sampath Kumar, Vijayalakshmi Ch, Swapna Thouti, G Prasanna Kumar , N. Rajeswaran</i>	1859-1863

350	811	A Comprehensive Comparison of Machine Learning Algorithms for Breast Cancer Prediction <i>Premkumar Duraisamy, Yuvaraj Natarajan, Ebin N L, Jawahar Raja P</i>	1864-1869
351	812	Exploring Machine Learning Models to Predict the Diamond Price: A Data Mining Utility Using Weka <i>Md Shaik Amzad Basha, M Martha Sucharitha, A. Uma Devi, M Ashok, Peerzadah Mohammad Oveis</i>	1870-1877
352	816	Handwritten Text Recognition Using Word Beam Search <i>A. Praneetha, Syed Harisa, Kilaru Satish, Buddhana Vivekananda</i>	1878-1882
353	828	Evaluation of Machine Learning Algorithms on Finding Drinking Water Quality Based on Feature Selection Methodologies <i>K. Devi Priya, Sanga Monish Sai, Venu Gopal Reddy Pagadala, Dasari Praveen Kumar</i>	1883-1888
354	842	LIDAR-based Navigation Rover for Fields with Smart Pest Sprayer using Machine Vision <i>S. Thamaraiselvan, M Isaac Vivin, Ronald K, Rituraj Ray, Bini D</i>	1889-1894
355	843	AI-based Emotion Therapy Bot for Children with Autism Spectrum Disorder (ASD) <i>Yarlagadda Bhargavi, Bini D, Shajin Prince</i>	1895-1899
356	857	Real-Time Vehicular Tracking Using NavIC System <i>Anshil P, Naveen Kumar S, Jeffrey W, Jeswin J, S. Merlin Gilbert Raj</i>	1900-1905
357	860	A Novel Approach to Fall Detection System using Computer Vision <i>Adwait Hegde, Ojas Patil, Soham Belurgikar, Preetida Vinayakray Jani</i>	1906-1913
358	876	Epilepsy Detection Using Embedded Machine Learning <i>Shankar R, Aadarsh K, Ganesh Kumar Chellamani</i>	1914-1922
359	877	IoT Based Triple Way Access Control for Secured Asset Storage <i>Jinugu Harsha Vardhan Reddy, Balapanur Julian Deva Sundar, C Suganthi Evangeline, Garudachedu Blessy H Supragna, Kasu Pravachana Evangelin</i>	1923-1928
360	884	Exploratory Data Analysis and Classification of Employee Retention based on Logistic Regression Model <i>Anupkumar M Bongale, Deepak Dharrao, Siddhaling Urolagin</i>	1929-1933
361	885	E-Commerce Product Review Classification based on Supervised Machine Learning Techniques <i>Deepak Dharrao, Sarika Deokate, Anupkumar M Bongale, Siddhaling Urolagin</i>	1934-1939
362	889	A Review of Electrical Energy Storage System <i>Venugopal E, Sivakumar P, Raghul A, Priyadharshini R, Indhumathi C, Parthasarathy E</i>	1940-1945
363	894	Low Power CMOS GDI Full-adder Design <i>Bhuvaneshwari V, Dhanushya N, Gayathri S, Kavitha S</i>	1946-1950
364	909	A Review Paper on Face Recognition Techniques <i>Ibrahim Mahmood Rashid Al-bakri, Muhammad Imran Ahmad, Mohd Nazrin Md Isa, Mustafa Zuhaer Nayef Al-Dabagh</i>	1951-1956
365	918	An Enhanced Approach for Fake News Detection using Ensemble Techniques <i>Gethsia P, Sujitha Juliet</i>	1957-1962
366	922	Image-Based Bird Species Identification Using Machine Learning <i>Persia Abishal B, Sujitha Juliet</i>	1963-1968
367	923	Smart Transportation and Challenges in Edge Computing with Blockchain <i>C. S. Madhumathi, V. Priya</i>	1969-1973
368	931	A Brief Review on Artificial Neural Network: Network Structures and Applications <i>Nilanjan Saha, Aleena Swetapadma, Mahadev Mondal</i>	1974-1979
369	945	An efficient Heart-Disease Prediction System using Machine Learning and Deep Learning Techniques <i>L. Jubair Ahmed, P. Malin Bruntha, S. Dhanasekar³, V. Govindaraj, T.S. Krishnapriya, A. Ramjan Begam⁶</i>	1980-1985
370	947	Automated Test Case Generation Using T5 and GPT-3 <i>Alok Mathur, Shreyaan Pradhan, Prasoon Soni, Dhruvil Patel, Rajeshkannan Regunathan</i>	1986-1992
371	953	A Survey on Human Face Emotion Recognition using Machine Learning Models <i>S. Yuvaraj, J. Vijay Franklin, V. S. Prakash, A. Anandaraj, R. Subha</i>	1993-1996

372	954	A Secured LSB-Based Image Steganography using Modified Collatz Conjecture <i>Aimee D. Molato, Fredilyn B. Calanda</i>	1997-2002
373	956	Machine Learning-Based Exercise Posture Recognition System Using MediaPipe Pose Estimation Framework <i>Weeriya Supanich, Suwanee Kulkarineetham, Parinya Sukphokha, Patcharathon Wisarnsart</i>	2003-2007
374	960	ESWSIoT: Enhanced Secure Communication by Detecting and Removing Wormhole Attack using Schnorr Digital Signature in IoT Networks <i>P. Deepavathi, Srisivasubramanyan BS, C. Mala</i>	2008-2013
375	961	Soil NPK Prediction using Enhanced Genetic Algorithm <i>Irene Monica N, Pooja Shree R, Rithiga S, Madhumathi R</i>	2014-2018
376	973	IoT-BIMS : Internet of Things Based Infant Monitoring System <i>Kakarla Hema Harika, Raju Manikala, C. Suganthi Evangeline, Rohit Tadikonda Pallavi Tadikonda</i>	2019-2024
377	995	Smart Agriculture Using Modern Technologies <i>Shanmugasundaram N, Santhip kumar G, Sankaralingam S, Vishal S, Kamaleswaran N</i>	2025-2030
378	1000	Non-Invasive Blood Glucose Measurement Using Ire Sensor <i>A. Diana Selsiya, K. Janaki, G. Lavanya, G. Sanjai, M. Dinesh</i>	2031-2035
379	A005	An Efficient Driver Drowsiness Detection Using Deep Learning <i>Suriya M, Preethie K, Amitha M, Sumithra M, Sumaiya Fathima I, Vishnu M</i>	2036-2041
380	A007	Face Recognition Attendance System <i>Suriya M, Rajalakshmi S, Visnupriya K V, Saravanaa G, Vidya K, Kavya A, Mouliswaran R</i>	2042-2047
381	A010	Emergency Medical System using ML <i>Suriya M, Dhaanus K, Farhan Ahamed Khan A, Naveen V, Ajay. A, Vishnu M</i>	2048-2051
382	A011	Health and Position Tracking for Mountain Climbers <i>Vinoth Kumar P, S.N Kumar, Gunapriya. D, Jaganath M S, Kalidas K R, Murali Manohar P, Prajith. R</i>	2052-2056
383	A013	Survey On Children Risk of Harm and Prevention Techniques Using IoT <i>M. Ishwarya Niranjana, J. Dhanasekar, Gowtham. R, Bubeish. P, Hariharan. M, Lokeshwaran. T. S</i>	2057-2061
384	A015	Hazardous Area Monitoring System in Industries Using Lora Module <i>J. Dhanasekar, M. Ishwarya Niranjana, G. Suresh, S. Surya, R. Thirugnanabharathi, K. Gokul prasath</i>	2062-2066
385	A023	An Efficient Artificial Intelligence based Human-Machine Interaction System <i>Suriya M, Anitha E, Sudarssan N, Abishek Venu Venkat, Deepak Saran V S, Kunguma Sakhivel K</i>	2067-2071
386	A024	A Complete Appraisal of Various Emerging Battery Technology Along with Its Own Attributes <i>N. Pushpalatha, G. Banu, Govind Vishwanath Jagatap, S. Sivaranjani, Yayati Shinde, J. Uma</i>	2072-2076
387	A025	Artificial Intelligence and Students Learning: A Study on Outcome of Technological Usage (AI) In Higher Education Platform <i>S. Sathish Kumar, D. Kesavan, N. Marianand, X. Naveen Raj</i>	2077-2083
388	A026	Teaching Informatics: Rendering Data from Multiple Sources using Web Services <i>K Jayashree</i>	2084-2088
389	A031	Deep Dive on Various Security Challenges, Threats and Attacks Over the Cloud Security <i>Jansi Sophia Mary C, Mahalakshmi K, Senthilkumar B</i>	2089-2094
390	A033	Web Security and Web Application Security: Attacks and Prevention <i>Bhuvana Reddy Bhimoreddy, Alekhya Nimmagadda, Harshith Kurapati, Leelendra Reddy Gogula, Radhika Rani Chintala, Vijaya Chandra Jadala</i>	2095-2099
391	A034	Optimization And Power Delay Analysis of Different Full Adder Circuits <i>M. Ishwarya Niranjana, K. Gayathree, K. Umamaheswari, J. Dhanasekar, M. Vignesh</i>	2100-2104
392	A035	A Survey of Efficient Light Weight Cryptography Algorithm for Internet of Medical Things <i>M. Thilagaraj, C. Arul Murugan, U. Ramani, C. Ganesh, P. Sabarish</i>	2105-2109

		Detection of Underground Object Using Ground Penetrating Radar	
393	A036	<i>L. David William Raj, Utsab Banerjee, M. Thilagaraj, A. Suganya, U. Ramani, C. Ganesh</i>	2110-2113
		IoT Based Fish Food Dispenser	
394	A040	<i>Vigneshwaran Perumal, A. Suganyamahalakshmi, Harikrishnan K, Harish S, Kansuman KJ, Sudharson N</i>	2114-2117
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395	A051	<i>S. Poornima, Thiruselvan Subramanian</i>	2118-2123
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