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8	Robust Cooperative Spectrum Sensing Framework for Cognitive Radio Sensor Networks	Ravuri, Viswanadham*
10	Ultrawideband and high-gain four-port based Dipole Engraved Squared Patched MIMO Antenna for THz Communication	Singh, Prem Pal*; Sorathiya, Vishal; Vekariya, Vipul
11	IMPLEMENTATION OF STV BASED VOTING MACHINE ON FPGA	Metra, Yaswanth*
13	Performance Evaluation and Optimization of Hybrid Quantum-Resilient Cryptography Compared to Traditional Cryptographic Techniques	BVDS, Sekhar*; JMK, Chowdary; AJSVS, Phanindra; EL, Subrahmanyam; KJG, Subrahmanyam
15	Design and Evaluation of Cylindrical Tank Level Control Systems with LabVIEW	Reddy, Sreelatha*
16	A Reconfigurable Patch Antenna System for Communication and RF Energy Harvesting via Diode-Controlled Wilkinson Power Divider	Sarkar, Sayan*
17	Artificial Intelligence-Powered Drone for Wildlife Monitoring and Animal Detection	Ram Kumar, Rayana Sri*; Taran Kurra, Sri Sai; Phaneendra Billa, Bala Satya; N, Prabakaran; Kothapudi, Venkata Kishore
19	A flower-shaped wearable MIMO Antenna for detection of brain tumour	Das, Priyanka*; Aishwarya, T
20	Design of A Highly Efficient E-J Doherty Power Amplifier (DPA) For MIMO 5G Applications	Kumar, DR.Rajesh*; K.B, Ganesh
23	A Bio-Encapsulated Triple-Band MIMO Antenna with Enhanced Isolation for Cardiac Implant Systems	Kaur, Sukhpreet*; Kaur, Jaswinder; Khanna, Rajesh
24	Design and Implementation of Scalable Heterogeneous Architectures for Computational Efficiency in Radar Applications	S K, Pavan*
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29	Wideband Circularly Polarized CPW-Fed Antenna for RF Energy Harvesting	Varshney, Hemant *; Agrawal, Sachin ; Singh, Gaurav
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35	AcadPredict: AI-Enabled Monitoring of Study Habits, Attendance, and Consistency for Academic Performance Prediction	reddy, M*; Leela, Sowmya; G, Sushanth; A, Vinayani; B, Ajay
36	INTEGRATED SUMMARIZATION MODEL FOR LEGAL DOCUMENT ANALYSIS	reddy, M*; B, Harshitha; G, Aashritha ; Varma C, Madhu ; K, Nitin
37	LungVision: AI-Powered Diagnosis with Causes, Risks, and Remedies	lonkala, sandeep*; M., Thukaram Reddy; Manoj, A; Manikanta, G ; B, Ajay; Ruthvik, Gitta
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81	Design of a Compact Double-band BPF with Fractal Resonator Using Metamaterial Unit Cell	Kumar, Prince ; Ghivela, Girish*; Sengupta, Joydeep
82	Design and Simulation Investigation of Sub-THz Photonics-Band-Gap Antenna	Mukherjee, Neil Rudra; Ghivela, Girish Chandra ; Singh, Rajanish*
85	Performance Analysis of Metamaterial based Structure to Enhance Isolation of Microstrip Patch Antenna Array for Continuous Wave Radar Applications	Singh, Navdeep*; Majhi, Ankit Kumar; Padhy, Sankarsan; Chaubey, Anil Kumar
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129	Design and Characterization of a Multi-Polarized Unit Cell for Ku-band Applications	VINOD , GANDHAM*
130	Data-Driven Optimization of Broadband Frequency Selective Absorber for High-Frequency Sensing Systems	R, RANJITH KUMAR*; Ramanujam, Parthasarathy ; S, LeninDesai
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135	An Ultra-Miniaturized Meandered Square-Spiral Antenna for Advanced Leadless Cardiac Pacemaker Implants: A Comprehensive Multi-Substrate and Multi-Scale Study	RAJEEV REDDY, KUDUMULA VENKATA*; KUMARI, PRIYA; KUMAR, PULI KISHORE
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139	A Compact Multiband MIMO Antenna with Symmetric Loop-Shaped Resonators for Sub-6 GHz Wireless Applications	Pandillapalli, JANARDHANA REDDY*; Gummadi, Kameswari
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218	Miniatured CPW-Fed Circularly Polarized Implantable Patch Antenna For Biomedical Applications	Yerramsetti, Geetha*
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228	Strengthening Data Protection Mechanisms in IoT Healthcare Platforms Using Fog Computing	Prasan, U D*; Anjaneyulu, P; Priyanka, D; Manaswini, Yenni ; Aravind, Dr M
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245	REVOLUTIONIZING INTELLIGENT WASTE MANAGEMENT TRASHCAN FOR SMART CITIES	Chopparapu, SaiTeja*
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250	DESIGN OF PIEZO RESISTIVE MEMS BASED CANTILEVER USING DIFFERENT SHAPES FOR VOC'S DETECTION	Chopparapu, SaiTeja*
252	ADVANCED STRATEGIES FOR FOREST FIRE MITIGATION AND MONITORING SYSTEM	Chopparapu, SaiTeja*
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254	EARLY DETECTION OF HAIR LOSS USING CNN BASED ON SCALP	Chopparapu, SaiTeja*
255	Robust DOA Estimation Under Practical Array Imperfections	RAIGURU, PRIYADARSHINI*
256	Performance Analysis of a Quad-Band mmWave Microstrip Patch Antenna for Next-Generation 6G and Biomedical Applications	UPPALA, SRINIVASA RAO*; Vinodh Babu, Panguluri; Painam, Surendra Kumar; Durga Praveen, Posetti; Prameela, Rajaboyina; Nagaraju, Ravulapalli
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268	GSM-Based Secured IOT System for Electrical Lineman Safety and Remote Power Control	NEERAJA, Jannu*
270	Design of a Wideband Flexible Microwave Absorber	Mishra, Satya *; Maity, Sudipta
272	Human Activity and Vital Sign Recognition using Ultra Wide Band Radar	anish, raydurg ; Tangirala, Jhansi Reddy ; Kumar, Dr.Puli Kishore*
274	Energy-Aware Clustering and Routing in WSNs: A Reinforcement Learning and Evolutionary Algorithm Approach	Manasa, B*; D RamaKrishna, Prof
275	Design of a 2.4 GHz Low Noise Amplifier using Microstrip Line matching network for ISM Band Applications	Panthagani, Sandhya*; Nelaturi, Dr Suman ; Goree, Pradeep
276	Performance Analysis of STAR-RIS-Assisted Cooperative Communication with Optimized Energy Splitting	S, Kirubakaran*; T, Akash; V, Nagarajan; A, Paventhan
277	A Compact Circularly Polarized Annular Ring Antenna with Integrated Power Divider and Parasitic Patch for S-Band Applications	Jamkhandikar, Sarthak*; Singhal, Alok Kumar
278	Link-Budget Analysis of a High-Gain Frequency-Stabilized Skin-Implantable Antenna for Robust ISM-Band Biotelemetry	., Satyam*; A. V., Praveen Kumar
280	Microstrip Patch Antenna with Dual Bands for Sixth Generation Applications	ravi, kiran chand*; Shahine , Mohamad Y. Abou ; Boyapati, Bharathi Devi; Gurram, Sidharth Goud
284	A 5.8-GHz Slotted Microstrip Antenna Array for Breast Tumor Detection	Maddirala, V L Bhavani*; Chaturvedi, Divya; Lanka, TiruGanesh; Kumar, Arvind
286	Graphene-Based Band-Notched Frequency Selective Absorber for Terahertz Applications	Murakonda, Sainath*; SreeLakshmi, Eduru ; Carishma, Luke; Charan Pradhan, Nrusingha ; Sathish, Keerthipriya; Singla, Geetanjali
287	Frequency Selective Surface Based Single Bandpass Filter for L, S, and C Band Coverage	Murakonda, Sainath*; Barua, Ankita; Carishma, Luke ; Charan Pradhan, Nrusingha ; Sathish, Keerthipriya; Singla, Geetanjali ; Paramesha, Dr.
289	Ecoloop: An Intelligent IoT-Based Smart Waste Management System with Real-Time Monitoring and Automated Alerts	B, CH S N L S SAI BABA*; K, Vishnu Vardhan
292	A Context-Aware AI Safety Ecosystem for Accident Prevention, Emergency Coordination, and Insurance Automation	Kothapalli , Vishnu Vardhan*; Surya Prakash , Lokesh
293	Performance Evaluation of Ultra-Wideband Vivaldi Antenna Arrays with Emphasis on Grating Lobes, and Mutual Coupling	Chandra Lahari, Soma; Jwala Keerthi, Talluri*; Kishore Kumar, Puli
294	Frequency Reconfigurable Variable Attenuator using Graphene Nano Pads	Patnala, Hemaditya*; Purna Phani Chaitanya, Puppala; Sai Haranadh, Akkapanthula; Sharma, Sakshi; Kagita, Srujana
295	Lifi Based Electrical Appliances Control System	Bikkina, Siva Chakra Avinash*
297	Revolutionizing a Cooling Tower model: Performance with Data-Driven Regression Analysis	Panda, Santosh*
298	A Two-Terahertz Slot Cavity-Backed Array Antenna	ravi, kiran chand*; Shahine , Mohamad Y. Abou ; M, Sivasankar rao; Gurram, Sidharth Goud
302	Design and Co-Simulation of 2.45 GHz Rectenna for RF Energy Harvesting Applications	Reddy, G Sai Prathik*; S, Kusumitha; V, Leela Yugandhar; Kajur, Renuka
304	Gain and Bandwidth Enhancement of Compact GNSS L1 Antenna using Rectangular DGS and Symmetric Patch Slotting	Madderla, Venkat Aadith Reddy*; Korkonda Bhattar, Aniketh; Kumari, Runa
305	Compact Microstrip Patch Antenna for WiMAX, WLAN and 5G Applications	R Venkata , Dr. Sravya; Kumar, Sandeep*; Monga, Sakhshra; Prakash, Ved; Vidyarthi, Anurag; Sharma, Manish

306	Performance Analysis of Cooperative RIS-assisted Cellular Networks	SELVARAJ, M D *; Sanjay, M S; Sameer Chakravarthy, Vedula V. S. S.
307	AI-Based Real-Time Face Recognition System for Late Entry Monitoring and Automated Parental Notification	Subbaiah, K.Venkata; reddy, thathagari*; Maharana, Agrima; Moharana, Pratyusha ; Shivtej, Busamalla
308	Compact Dual-Band MIMO Microstrip Antenna with Triangular DGS for Ku-Band Applications	Sharma, Kavisha *; Batra, Gul
309	Design of a Beam Scanning Linear Quasi-Yagi Antenna array for Surveillance applications	Thadishetti, Saipriya*; Yeole, Minal; Ethamsetti, Sandeep
310	Design and simulation of a Phased array antenna with beam steering for Sub-6GHz applications	H , Preetham ; P Bhavi, Vinay; Ukey, Pratik; T M, Divya; M, Dr. Venkatesha*; D, Shashikumar
314	Passive Microwave Magnetic Sensor Based on Ferrite-Perturbed Microstrip Resonance	Purna Phani Chaitanya, Puppala*; Kagita, Srujana
316	Smart Rescue Wearables for Snake Bite Wildlife Threat Using IoT and Drone	sree, karuna*
317	An Intelligent Random Forest Framework for Predicting Hydraulic Losses in Pipe Flow	Panda, Santosh*
318	Server Load Prediction Using Machine Learning	Ravi Kumar , Dr. Valluri*
320	Smart Cable Fault Detection with Theft Monitoring	Swapna, Dr.P.Kalyani Swapna*
322	A Lightweight ML-Based Intelligent Framework for UAV-Enabled Wireless Communication Networks	Soma, Rajesh; SINGH RAYAT, SIMAR*; Dahiya, Susheela
324	Hand Gesture-Based Cleaning Robot Using Nrf24101 and Mpu6050 Sensors	S, Dr.Nagavali *
325	Route Alert: Real Time Location, Speed, And Live Occupancy Monitoring	SRILATHA, Dr. G.*
327	AI-Based Crop Classification System For Agricultural Fields	Yalamati, Srilatha*; Remalagadda , Komali; Nagaboina Sree, Keerthana; Vinuthna Sri, Pala ; Mohammed , Faiyaz
329	4d Modeling of Multistoried Buildings Using Staad, Revit, And Primavera P6	PARIMI, S V Padma Latha*
331	Smart Travel Safety and Accident Hotspot Detection System	Viyapu, Pushpa*; Harshitha Devi, Pilla; Sai, Saladi; Harshith, Pilaka; Sundar, Polinati
332	Smart Solar E-Bicycle with Wireless Control	Sarma, Subramanya*
334	Solar-Powered Smart Iot-Wireless River Cleaning Boat	Sarma, Subramanya*
336	Extraction of Sentiment Analysis from Multiple Online Sites Using NLP	Mohan Rao, Saride*
337	Iot-Powered Automatic Entry Count System using Computer Vision	Swapna, Dr.P.Kalyani Swapna*
339	Detecting Botnet Attacks in IoT Environments: An Optimized Machine Learning Approach	Yakkala, Nagendra Kumar*
340	Trust Ledger: A Secure Framework for Brand Authentication	BALAKA, RAMESH*
343	Machine Learning and Artificial Intelligence-Based Solutions of Wireless: A Comprehensive Review	Soma, Rajesh; SINGH RAYAT, SIMAR*; Dahiya, Susheela
346	Securing VANETs Against Internal Attacks Using IoT Based Trust Mechanism	Prasad Babu, B*
347	An Advanced Security Framework for Active and Passive Reconnaissance	BANDLA, ASHOK KUMAR*
350	Streamlining Inventory Management System with AI and IOT Technologies	Gollapalli, Sridhar*
351	Echo sense: Real Time Object Detection and Audio Feedback System	VENKATESWARA RAO, BARRE*
353	An EEG-Driven Framework for Sleep Stage Classification using Classical and Ensemble Classifiers	Patro, Kiran Kumar*; P, Sarika; M, Yuvaraju; G, Jagadeeswararao; B, Vedavathi
354	An ML-Based Vision Transformer Model for Image-Based Medicinal Flower Recognition in Drug Discovery	Gurucharan, Kapila; Kiran, S S; Venkatesh , Appalabathula*; Penta, Sivanagesh; Sowjanya, A; Yasodha, Palli
355	AI Based Automated Video Dubbing for Indian Regional Languages	Mounika , Munagapati *; Uday Kumar Reddy, K; Fahimuddin, Shaik; Afridi, Shaik; Hemanth Reddy, Chappidi; Guruvaiah, Bojja
357	Real-Time Identification of Medicinal Herb Plants Using Deep Learning with Mobile Net-Enhanced CNNs	Guntakanti, Venkata Narayana *; Muddaluru , Joshna; Shaik, Fahimuddin ; Bhanavasi, Indu Priya ; kalugurinagamohan2003@gmail.com Kaluguri, Naga Mohan ; Golla, Sai Pavan

362	A Multi-Source RAG-Driven AI System for Intelligent Document Generation	TANGUDU, NARESH*
363	A Broad Triple-Band RF Rectifier for Harvesting Energy from GSM, WiFi & 5G Bands	Kaur, Gagandeep*; Rajput, Archana
365	Power Smart: Next-Gen Iot Smart Energy Monitor System for Efficient Power Management	G, VenkataSivaNarasimha *
366	Automated Browser Extension for Real-Time Phishing Detection and Prevention	Ravi Kumar , Dr. Valluri*
367	Real-Time Accident Detection and Emergency Alert System Using Computer Vision	SUDHAKAR, POLASI *
368	Automated Faculty Timetable Generation Using Constraint-Based Optimization	ANUSHA , PEYYALA *
372	Automated Detection and Classification of Ayurvedic Medicinal Plants Using Deep Learning for Herbaceutical Applications	Chunduru, Anilkumar*
375	Hybrid OMA/NOMA Allocation For Disaster-Resilient Communication Networks	K, Purushotham *
378	Solar Integrated Wireless Charging For Eco-Friendly Vehicles	REDDY, G KARTHIK *
379	Explainable Multi-Stage Alzheimer's Disease Detection: A Hybrid CNN- Transformer Framework with Grad- CAM Interpretability	Deviprasad, Chebodula*
380	A Dual Element Defected Grounded Rectangular Pulse Slotted Patch Antenna at Sub-6GHz for 5G	Kakumanu, Naga Raju*; D, Suneel Varma; N. Md. , Bilal; A, Kavitha; Gadipudi, Vishnuvardhan Rao ; N, Venkateswararao
382	Design of a Plasma-Based Yagi-Uda Antenna Array for Beam Steering Applications	Jha, Manisha*; Pandey, Ajay K; Pathak, Surya K; Kumar, Rajesh
383	Metamaterial Enhanced Rectangular Patch Antenna Design for Efficient S-Band Communication	B P, Vani*; H S, Adarsh; C A, Shreyas
388	A Compact Wideband MIMO Antenna with Meandered Feed and Parasitic Elements for Sub-6 GHz 5G and Wi-Fi 6E Networks	Thathireddy , Navya*; Aswitha, Sunnapu; Sneha, Aвали; PANDILLAPALLI, JANARDHANA REDDY; GUMMADI, KAMESWARI
390	From Ayurveda to AI: Comparative Analysis of ResNet and VGG-16 for Medicinal Leaf Identification Using Computer Vision Techniques	Subhashini, Dr.D.*
391	Performance Analysis of Circularly-Polarized ME Dipole Arrays Using Sequential Rotation and Corporate Feeding for mmwave Applications	Bhojani, Nirbhay; Desai, Arpan*; Tsao, Yi Fan; Hsu, Heng Tung
392	Weapon Detected Alert System using YOLOv11	Padala, S Venkata Durga Gayatri*; Hemalatha, Indukuri ; Yejjuparapu, Suresh; Venkata Praveen, Suragani
393	Scanned Beam Pointing Error Analysis and Compensation in Phased Array Antennas	Vedula, Sameer Chakravarthy*; Kotta, Sriya; Rao, Sudhakar
394	Design and Analysis of SIW based Monopulse Comparator for Millimeter & Microwave Applications	SAMUEL, BHUKYA *; ELURI, SANGEETHA
395	A Compact Circular Slot-Loaded Shorted Antenna for 5.8 GHz WBAN Applications	Gajula, Suresh*; Sathuluri, Venkata Rama Rao
396	Implantable Biomedical Devices Using Spiral Antennas	Zaidi, Aijaz; Kishor, Jugul*
397	BEAMFORMING, MASSIVE MIMO, AND EDGE INTELLIGENCE FOR 6G NETWORKS: ENHANCING PERFORMANCE AND ENERGY EFFICIENCY	R, Santhoshkumar*; S, Dr. Allirani; B, Sridhar; B, Marisekar
398	Hybrid Renewable Powered EV Charger with Smart Management	R, Santhoshkumar*; M, Dr. Karthik; B, Sridhar; P, Balaji; D, Aravind; R, Madhanraj
399	AI-Driven Species Detection and Deterrence System Using Federated Learning	Srilatha, M*; Shwetha sri, L ; Abhigna, V; Sri laxmi, A
400	A Miniaturized Triband Bandpass Filter using Stepped Impedance Resonator and Crossed Open-Short Stub Resonator	NARASAMPALLY, TEJASWINI *; ANANTHA, BHARATHI; G, Ravi Shankar Reddy
401	Metamaterial Absorber Loaded Compact and Highly Isolated Four-Port MIMO Antenna with Dual-Band Functionality	Singh, Raghvendra Kumar*; Binda, Pankaj; Gupta, Ashish; Verma, Ajeet Singh; Bhattacharyya, Somak

402	An Ultra Compact Highly Sensitive Quad-Band Metamaterial Absorber-Based Biosensor for Detecting Triple-Negative MDA-MB-231 Breast Carcinoma Cells	Singh, Srishti; Singh, Raghvendra Kumar*; Gupta, Ashish
403	Switchable Wideband Polarization Converter Enabling Linear to Linear/Circular Transformations	Prakash Verma, Ravi; Gupta, Ashish*; Kumar Singh, Raghvendra ; Chowdhury, Rakesh; Ranjan, Pinku
406	Design and Implementation of an IoT-Enabled River Cleaning Robot with Real-Time Telegram Notification Using ESP32	DAVID, VALAPARLA ; Harshitha, Bhukya*; Priyanka, Mamidi
408	Design of 4-Port Patch Antenna Module Based MIMO antenna for 5G application & Base station application	SAMUEL, BHUKYA *; ELURI, SANGEETHA
409	A Simple Suppression Technique of Cross-Polarized Radiation of a Strip-Fed Cylindrical Dielectric Resonator Antenna	Dutta, Koushik*; M K, Dileep; Gajera, Halappa
411	A Next-Generation Smart Personal Protective Equipment using IoT and Wireless Energy Transfer	Buddha , Hari Kumar *; Varalakshmi, Tirupathi ; Ramya, Yeduvakula ; Sindusha, Siyadri ; Bhavya, Molleti ; Pradeep Kumar, Bammidi
412	Efficient Pilot-Based Channel Estimation for OTFS Systems under High Mobility with Reduced Guard Bands	Padmavathi, T*
413	Machine Learning-Based Heart Failure Prediction for IoT-Enabled Wireless Health Monitoring Systems	Deepika prasanna, Kanulla*; Satyanarayana Murthy, N; Rishika, Palli; David Rahul, Velpula
414	AI-Driven Sustainable Mushroom Farming: Integrating IoT and Advanced CNN for Automated Classification and Predictive Disease Alerting	Ahmed, Sabuz*; Swathi, Kalam ; Sekhar, B V D S ; R, Venkatesh ; Jyotshnasree, Surarapu ; R, Sampath
415	Miniaturized Dual-Band Planar Antenna Featuring Circular-Slot DGS for Efficient Integration in Compact Wireless Devices	T.L, Ajeesha*; P, Prabhu
418	Four Port Dual Band mmWave Electrically Compact antenna system for future 5G smartphones	M N, Nandan*; Bharadwaj CV, Madhwesh; Kasyap, Abhiram
419	AD CLICK FRAUD DETECTION USING MACHINE LEARNING AND DEEP LEARNING ALGORITHM	Naresh Kumar, U; Fahimuddin, Shaik; Sivakumar, K*; Kowsik, G; Siva, V; Nithin, B
420	A Compact Dual-Band CPW-Fed Antenna for X-Band Applications	Tummala, vijetha*
422	DESIGN AND DEVELOPMENT OF A SLOTTED GROUND RECTANGULAR MICROSTRIP PATCH ANTENNA FOR WIDEBAND APPLICATIONS	Srinivas, Modali*
423	Design and implementation of microstrip patch antenna for Telemetry Applications	Srinivas, Modali*
424	DESIGN OF MULTIBAND COMPACT ANTENNA WITH ENHANCED BANDWIDTH FOR X BAND AND KU BAND APPLICATIONS	Srinivas, Modali*
425	Design of Circular Microstrip Patch Antenna for Ku-Band Wireless Communication	Srinivas, Modali*
427	Design of U Slot Microstrip Patch Antenna with DGS for Wireless Communication	Srinivas, Modali*; PVGK, Durga PRasad
428	ANN-Based Determination of Single-Stage Impulse Generator Parameters for High-Voltage Testing	Gandi Ramarao, Dr. *; Chongala, Prasad ; G, Ritisha; Adapa, Sathish Kumar; Bammidi, Roopsandeep ; Pandipati, Suman
430	IoT-Assisted Artificial Intelligence Approach for Power Equipment Health Index Evaluation	M, KARTHIK*; K , Siva Surya ; S G , Niranjan Kumar; M, Hari Hara Subramaniyan
431	Rethinking Adaptive Traffic Control for India: A Comprehensive Survey of ATCS Models and Practical Challenges	Y, Gayatri*
436	Polar-Coded MIMO-OTFS Framework for Realistic 6G V2X Communications	K, Chandra Sekhar*; M, Bhupathi; L, Mounika; H, Madhu sri; K, Vamsi Krishna
437	Metaheuristic-Assisted Deep Learning for Brain Hemorrhage Detection and Classification	Charisma, Tankala*; Dasari, Sreenubabu ; Sowjanya, Dokkari; Keerthi, Kompalli; Prasad, Teeti; Tharun Kumar, Bodnaik
438	An IoT Enabled Data Driven Artificial Intelligence Application for Online Condition Monitoring of Equipments	M, KARTHIK*; J, Ananthi; J D, Lavanya; S, Sabashini
440	Real-Time Monitoring Bot for Transmission Line Conductor Deformation, Corrosion, and Corona Discharge	GOLLA, NARESH KUMAR*; P, Chandrababu; Laudiya, Laluprasad; Kummari, Raju ; Farman, Md. Khaja

444	Advanced Denim-Based Wearable Antennas for RF Communications and Medical Monitoring Applications	Sandeep, Ram*; Deepa , Bammidi ; Lakshmi Priyanka , Kondamuri ; Sanjay Kumar , Kona ; Mulaparti , Meena Kumari ; Durga Bhavani, Dama
445	S-Shaped Penta-Band Monopole Antenna for 5G, WLAN, ISM, and C-Band Applications	Sandeep, Ram*; Vallabhareddi, Sandhya ; Deepa , Bammidi ; Mulaparti , Meena Kumari ; Sanjay Kumar , Kona ; Teja, K. Anil
446	Design of an Optically Transparent Microstrip Antenna for Wireless Wi-Fi and WiMAX Applications	Sandeep, Ram*; Raju, M. Padmanabha ; Sridevi , Ch ; Mulaparti , Meena Kumari ; Sanjay Kumar , Kona ; Yamani , Sudha Vani
447	Design and Analysis of a High-Isolation Dual Circular-Element MIMO Antenna for Sub-6 GHz and X-Band Wireless Systems	Sandeep, Ram*; Raju, M. Padmanabha ; Mulaparti , Meena Kumari; Yamani , Sudha Vani ; Sanjay Kumar, Kona ; Durga Bhavani, Dama
450	VO2 Enabled Tunable Ultra-Wideband Terahertz Metasurface Absorber/Reflector	Verma, Ajeet*; Samanta, Sreejita ; Biswas, Soumava; Singh, Raghvenda kumar; Roy, Pradip Kumar; Somak Bhattacharyya, Somak
451	Explainable Convolutional Neural Networks for Alzheimer's Disease Classification	JYOTSHNASREE, SURARAPU*; Ahmed, Sabuz; Sekhar, B V D S; Swathi, Kalam
452	Prognosis of Valvular Heart Disease Using Ensemble Machine Learning Models	SAHUKARU, JAYAVARDHANARAO*; Simma , Sarath Chandra
454	Convolutional block attention and Grad-CAM to Enhance Brain Tumor Classification in MRI with EfficientNet-B3	SAHUKARU, JAYAVARDHANARAO*; Lohith, Sappa
457	Smart Face Recognition Based Attendance System with Video Activity Summarization	kumar, boddepalli *
458	Single-Band Circularly Polarized Dielectric Resonator Rectenna for RF Energy Harvesting in Sub-6 GHz 5G Smart City Environment	Barlaskar, Iftikar Alam; Surender, Daasari; Khan, Taimoor*
461	Machine Learning Prediction Model for Dual band Millimeter Wave Antenna Design	Agarwal, Smriti *
462	Design and Optimization of X-band C-Sandwich Planar Radome Using Bandpass Frequency Selective Surfaces	Vaidya, Aditya Aniket; BARIK, RUDRA; Sonalika, Hrishikesh *
463	Design and Implementation of a Compact Slotted Monopole Antenna with a Partially Reflective Surface for Breast Tumor Detection at 915 MHz	Lanka, TiruGanesh*; Chaturvedi, Divya; Maddirala, V L Bhavani; Kumar, Arvind; Tupakula, Sreenivasulu
464	Parametric Optimization and Performance Enhancement of a Linearly Flared Antipodal Vivaldi Antenna Using Director-Length Sweep for UWB Applications	Trivedi, Apurve ; Parlewar, Pallavi*; Borkar, Nishant ; Harkare, Ankita; Nigam, Priyansh; Pathak, Onkar ; Gaydhane, Ashlesha
465	Microswimmers Integrated with Quantum Computing	Bammidi, Roopsandeep; Dubba, Santhosh Kumar; Kota, Sruthi*; Adapa, Sathish Kumar; Muddada, Venkatesh; Duppala, Azad
466	Co-Estimation of SOX Parameters for Lithium-Ion Batteries in Sustainable Energy Systems	Pandipati, Suman; Kuna, Dhanunjaya Rao; K, Dhanunjaya Rao; Kota, Sruthi*; Kelli, Durgaprasad; Lankalapalli , Priyanka
467	Additive Manufacturing of Quantum-Enhanced Deep Learning Controlled 4D-Printed Microfluidic Y-Channels for Targeted Microswimmer Drug Delivery	Adapa, Sathish Kumar; R Sundar , Ramam; Chatikam, Gowri Shankar*; Dowluru, Sreeramulu; Kelli, Durgaprasad; Gandhi, Ramarao; Mallempalli, Mounika
468	AI-Driven Prediction of Temperature-Contingent Tribological Behavior of Ti-6Al-4V Alloy Using Machine-Learning Models	Turali, Narayana; Gummadi, Ramesh; Rejeti, Pavan Kumar ; Chatikam, Gowri Shankar*; Muddada, Venkatesh; Pogiri, Indu Sowjanya
470	Machine Learning-Driven Passive Particle Separation in Y-Shaped Microfluidic Lab-on-Chip Device	Kelli, Durgaprasad; R Sundar , Ramam; Pandipati, Suman; Somineni, Niranjan*; Dubba , Santhosh Kumar; Chongala, Prasad; GULIPILLI, NAVYASREE
471	Metasurface-Based Polarization Independent Single Passband Filter Towards GSM Band Application	Mishra, Vishnu*; Kumar, Ravi; Mukherjee, Biswajeet ; Kumar, Vinit ; Praveen Kumar, Ambati ; Dhar, Jolly ; Thottappan, M. ; Bhattacharyya, Somak
472	A Wideband Enhanced-Gain MS-based CP Microstrip Patch Antenna Using Parasitic Elements	Ram, Deepak*; Chatterjee, Sougata; Roy, Pradip Kumar ; Pandey, Amritanshu; Singh, Amit Kumar; Bhattacharyya, Somak
473	A Compact Metasurface- Based Dual- Band High-Gain Patch Antenna for C- Band Applications	Sasank, Kamiseti*; Ram, Deepak; Potturi, Kalyani; Swain, Biswaranjan; Samantaray, Diptiranjana; Bhattacharyya, Somak
475	Performance-Driven Selection of Metamaterials for Gain-Enhanced Antennas: A Unified Integration Methodology for 6G D-Band	Sridhar, B*

476	Comparative Analysis of Machine Learning and Statistical Models for Time Series Forecasting of Air Quality Parameters	Goudo, Saroj Kumar ; Mishra , Jyotirmaya; Panigrahi, Rasmita; Padhy, Neelamadhab*; Arangi , Dasarada ; Mahapatro , Pradeep Kumar
479	IoT-to-Qubit Quantum-Logic Decision Circuit for Paddy Field Anomaly Detection	Sridhar, B*
480	SVR-Based Rapid IRS Unit Division in Uplink NOMA	Fatima, Shahnaz*; Ramtej, shri
481	Compact and Efficient Dual Circular Patch-Loaded Microstrip Antenna for 5.8 GHz ISM Band Wireless Power Transfer Applications	Likhitkar, Praveen Prakasrao; Barlaskar, Iftikar Alam; Khan, Taimoor*
482	Intelligent Pest Monitoring Using EfficientNetV2: Enhancing Sustainable Crop Protection through Deep Learning	Mahakhud, Biswajit ; Padhy, Neelamadhab*; Arangi, Dasaradha ; Patnaik , Asish Kumar ; Mahapatro, Pradeep Kumar ; Behera , Sadananda
483	Smart Farming through Multi Temporal Climate based AI for Agricultural Decision Support	REVATHI KUSUMA, BEHARA; AKHIL LOKESH, KONDETI; TARUN SAI, KONDAKA ; UDAY CHANDRA NAIDU, VALUROUTHU; CHAITHRA JYOTSHNA, KOLLI; YEGIREDDI, RAMESH*
484	Dielectric Image Line Based Circularly Polarized Leaky-wave Antenna for 5G mmWave Application	prasad, chandra*
485	Data-Driven Prediction of Refrigerant Mass Flow Rate in Adiabatic Capillary Tubes Using Machine Learning	Dubba, Santhosh Kumar; Bammidi, Roopsandeep; Srujana, Srujana*; Turali, Narayana; Dontikurti, Raghuvveer; Reddy Sudha, Ravi Teja
486	AI-Based Mobile System for Real-Time Segregation of Household Waste	Koppara, Madhuri*; Divya, Modalavalasa; Vanapalli, Kiran Kumar
487	Review of Electromagnetic Selective Structures: Applications and Recent Advances	Mandala, Sujatha*
488	Design and Development of an AI-Based System for Product Dimension Measurement and Automated 3D Model Generation	Kulkarni, Sidhant*
489	Simulation and Analysis of RF Down Conversion in Microwave Receiver Architectures	Buchaiah, Amaravadi*
491	Vision Speak: An AI-Based System for Visual Understanding and Speech Synthesis	Siri, Ladi*; Mounika, Polaki
493	Wideband On-Chip Antenna Design for Millimeter-Wave and Sub-Terahertz Applications	Guthi, Srinivas; Savadi, Naveen Reddy; Sherkhanpally, Mandira; Goutham Kumar, Srinivas; Vedagiri, Venkata Sai Akhil*
494	A Latency-Aware Multi-Layer Resource Orchestration Approach for SDN/NFV Metropolitan Networks	BV, Prasanthi*; Venu Gopal Reddy, Potlapalli
495	A DGS Inspired MIMO Antenna with Enhanced Gain and Bandwidth for Wireless Applications	Srinivas, Modali*
496	Adaptive Congestion and Smart Routing in Software – Defined Networks	BV, Prasanthi*; Amrutha, Boddu
498	A Wideband Enhanced-Gain CP Microstrip Patch Antenna Based on Metasurface and Partial Ground Plane	Ram, Deepak*; Singh, Amit Kumar ; Bhattacharyya, Somak
499	Design and Performance Analysis of Quantum Antenna Arrays for Deterministic Qubit Communication	B, Sridhar*
501	Design and Analysis of a Fibonacci-shaped Antenna for Multiband Wireless Applications	Khade, Dr.Sachin*; Rewatkar, Prajwal ; Khade, Chitra ; Yerkewar, Praful ; U pate, Arn av ; Goskula, Tirupati
502	Comparative Analysis of CNN Models for Diabetic Retinopathy Detection	BV, Prasanthi*; Aswini, M ; Soujanya, RL
503	A Compact Sword-Shaped Two-Element Array Antenna with Metamaterial Structure	Khade, Dr.Sachin*; Rewatkar, Prajwal ; Khade, Chitra ; Yerkewar, Praful ; U pate, Arn av ; Goskula, Tirupati
504	AI-POWERED CONVERSATIONAL FRAMEWORK FOR AUTOMATED CUSTOMER INTERACTION	ANKITHA, H*; Harika, Ala; Aparna, P; Shabir, Anif
505	Design and Realization of Asymmetric Interdigital Microstrip BandPass Filter for Airborne Radar	Akarapu, Nagaraju*; Vijay Govind, Dr. Borkar; Kunooru, Dr.Bharath; Panchal, Vrajesh; Uttawar, Anoop
506	Data-Driven vs. Physics-Guided LSTM Models for Crop Price Forecasting: A Comparative Analysis	Kalla, Kanaka Raju*; Rejeti, Pavan Kumar ; Malagavelli, Venu ; Dontikurti, Raghuvveer ; Narayana, Turali ; Pandipati, Suman
507	6 GHz U-Slot Patch Antenna for Non-Invasive Cartilage Thickness Detection	SIMHA REDDY, KANDUKURI*; Prasad, A. Chaithanya ; Anuragh, T; Asmitha, E; Kumar, B Naresh; Srinivas, Guthi

509	A Single Layer Reflective Type Polarization Reconfigurable Metasurface Towards Satellite and Spaceborne Communication Systems	Bhanushali , Bhumit; Bhojani, Nirbhay; Kumar, Ravi*; Desai, Arpan; Thottappan, M.; Bhattacharyya, Somak
510	Agriculture Robot Using Host Controller-05	Rao, Veeraraghava *; Thalla, Gayathri; Meghana, Nanneboina
512	ZnO/Black Phosphorus SPR Biosensor for Hemoglobin Sensing	Kumar, Ajit *; Singh, Vikram Pratap; Verma, Ajeet Singh ; Bhattacharyya, Somak ; Pandey, Amritanshu ; Srivastava, Sanjay Kumar
514	IRS-Assisted 6G Wireless Communication System	cheekati, thejesh*
515	A Compact Graphene-based Metasurface structure for High-Efficiency Terahertz Absorption	Verma, Ajeet*; Das, Nikita; Kumar, Ajit; Singh, Raghvendra Kumar; Pandey, Amritanshu; Bhattacharyya, Somak
516	Gas Leakage Detection and Alerting System using IoT	Rao, Veeraraghava *; Boddu, Sreeja ; Kandula, Sai Kiran
517	SMART SEGREGATION DUSTBIN CONTROLLED BY ESP-32	Hari Prasad, Dr G *; Narla , Sharath Chandra ; Sampath Rao, Sai Kumar
518	Smart Access Control System for Institutional Buses Using RFID and Face Recognition.	NIRANJAN REDDY, NAGIREDDY*; HARI PRASAD, LAKKAKULA; DIVYA JYOTHI, KOTHAPALLI
519	Application of Fresnel Zone for Miniaturization and Gain Improvement of Inverted-Hat Monopole Antenna	Paswan, Shailendra*; Ali, Maifuz; Mandi, Bipin; kumar, ashwani; Arya, Ravi
520	Precise channel model of horizontal UWOC system	sahoo, Rashmita*
521	Top 20 Algorithms in Data Mining for Product Recommendation Systems	Nath, Ankit Kumar ; Mohapatra , Kamalesh ; Bhoi, Hemanta Kumar ; Padhy, Neelamadhab*; panigrahi, Rasmita ; Arangi , Dasaradha
522	An Optimized Hybrid Encryption Approach for Modern Secure Data Transmission	Murthy, M. K. Linga*; Pujitha, Buri; Jyothirmye, Konchada; Kowshik, Sana; Rakesh, Deva; Nagendram, G
523	ENHANCED STOPBAND PERFORMANCE OF A FIVE-POLE HAIRPIN MICROSTRIP BANDPASS FILTER EMPLOYING DUMBELL DGS	N, KANNAN *
525	Characterization of Dielectric Substrates Using Circularly Symmetric Split-Ring Resonators Based Microwave Sensor	Sheikh, Javaid *; Mushtaq, Saqlain ; Rasool, Umhara
526	A Hybrid SVM-KNN Framework for Multi-Class Brain Tumor Classification Using GLCM Texture Features	R, Venkatesh*; Rajana, Sampath; Uddagiri, Siri Vennela; Behara, Sai Harshini ; Kalam, Swathi
527	Design Techniques of Class-E RF Power Amplifier Based on CMOS Technology	Kumari, Puja*
528	Smart Digital Bell System For Educational Institutions	Achanta , Durga Sai *; Lakkakula, Hari prasad ; Sayyad, Yasin
530	VOICE CONTROLLED WHEEL CHAIR USING GPS	Bollampally, Dr.Anupama*; Anupama, Ms Gundala Sai Lasya; Anupama, ananya
531	A CNN-Driven Approach for Automated Pneumonia Diagnosis from Chest Radiographs	J, KISHORE*; A, Akshaya; B, Supraja; C, Kavya priya
532	Automated Defect Detection in Metal Casting using a Lightweight Convolutional Neural Network Architecture for Zero-Escape Quality Assurance	J, KISHORE*; Sagi , Bhaskar Pranava Raju; Sindolu , Vikas; Ravula, Sujith Reddy
533	PREDICTION OF LIVER DISEASE USING MACHINE LEARNING	Deekshita, Parapati*; Rachakonda, Srinivas; Chandrika, Amara; Lakshmi Sai Lahari, Gode; Sriram Sai, Chinta; Sidheswar Rao, Mesala
535	PERSONALISED MYOCARDIAL INFARCTION DETECTION AND VIRTUAL WELLNESS	ARANGI, DASARADHA *; RESHMA, KILLAMSETTY ; SONIRAJ, GUNTROTHU ; BHUMIKA, AKULA ; ANDHAVARAPU, KOUSHIK
536	Personal Finance Tracker Using Machine Learning	ARANGI, DASARADHA *; LAKSHMI PRASANNA, BURADA ; HARISHITHA, PANDRANKI ; DOLLY, PINIMINTI
537	A Wideband Millimeter-Wave 5G Antenna with Near-Isotropic Radiation Pattern	Dutta, Koushik*; Roychoudhary, Joyanto; Chatterjee, Anirban; Datta Sinha, Aparajita
539	Design and Implementation of a 32-Bit IEEE-754 Floating-Point Arithmetic Logic Unit (FP-ALU) Using Verilog HDL	Botcha, SSV Ramesh Babu*; Surabattula, Sai Swapna ; Korada S, RAVI KUMAR
540	Optimized FIR Filter Architecture Using Vedic Multiplier and Carry Lookahead Adder	Botcha, SSV Ramesh Babu*; KORNANA , ABHI; AVS, Swathi
541	Design of a 34-36 GHz GaN-Based LNA MMIC for Ka-Band Applications	KRISHNA, AKHILENDRA *
542	Enhancing the Performance of 6G Wireless Networks Using Reconfigurable Intelligent Surfaces	cheekati, thejesh*

543	IOT Based Smart Energy Meter for Electricity Theft Detection	Rao, Veeraraghava *; Aithagani, Anusha ; Dharavath, Karthik
544	Intelligent Channel State Estimation for 5G Networks Using Supervised Learning	cheekati, thejesh*
545	Performance Enhancement of 6G Networks Using Reconfigurable Intelligent Surfaces	cheekati, thejesh*
546	Design and implementation of real time colour sensing and material segregation system using Arduino	Hari Prasad, Dr G *
547	Smart Healthcare Assistant using AI and IoT Wearables	srujan, kukkala*; Nagaraju, banavath; Vishva Teja , Katikam
548	Intelligent IoT Greenhouse For Automated Disease Detection and Pesticide Spraying	Samad, Shaik*; Rao, Eswaraneela; Shankar, Shiva; sameer, shaik
549	Diagnose the Rheumatoid Arthritis Using Hand Xray Image Processing System with Convolutional Neural Networks	MAHESH GOUD, NARLAGALLA*; RajyaLakshmi, Chatragadda
550	Design of Low-Cost Amphibious Vehicle Using Tube-Based Buoyancy and Rotor Propulsion	Athkuri, Vamshi; Gopathi, Shobha; Anantharapu, Sanjan*
551	Framework for Real-Time Alerts and Surveillance for IoT-enabled Coal Mine Safety	Maduri, Navya sri*; Maloth, Basha; Badeti, Sai
552	Alcohol sensing display with alarm and GPS alert system	Chilakamarry, Anjali*; Valaparla, David
553	A High-Efficiency, High-gain 18 W X-band MMIC power amplifier in QFN package for AESA Radar applications	Bindu, Swathi*; Jindal, Ashish; Chaturvedi, Sandeep ; Goyal, Umakant
554	A High-Gain Cavity-Backed Slot Antenna Array for Sub-6 GHz 5G Fixed Wireless Access	DESHPANDE, RAMESH*
555	IoT-Enabled Intelligent Medicine Box for Automated Medication Scheduling and Monitoring	DAVID, VALAPARLA ; Bhavana, Earla*
557	IOT and CNN-based framework of monitoring and detection of plant growth and disease in the real-time under climatic change	Reddy, T. Vasudeva *; V. , Santhosh Kumar ; V , Sreelatha Reddy ; Madupu, Arunkumar ; N. , Swapna ; kellampalli , Ramesh babu
558	Flexible Wearable Antennas: Materials, Design Techniques, Performance Challenges and Applications	Pranathi , Bandanadam *; Vennela, Devvela ; Sandhya, Chinna Hyderabad; Bokka, Naveen; Sindhu, Battina; Boppidi, Pavan
559	Metasurface-based Bandpass polarization insensitive Filter in K Band	Purkayastha, Soumyo ; Chawra, Harsh ; Sharma, Rohan ; Juneja, Hardik ; Mishra, Shivam ; Mishra, Vishnu*; Bhattacharyya, Somak
560	A Polarization Independent Filtering Metasurface Towards Ku-band Applications	Chawra, Harsh ; Purkayastha, Soumyo ; Sharma, Rohan ; Juneja, Hardik ; Mishra, Vishnu*; Bhattacharyya, Somak
561	Secure Dual-Protocol SPI/I <sup>2</sup> C Controller WITH Lightweight TEA Encryption	Shanagapati, Harini*; Gudupudi, Ravi Kumar; Reddimalla, Bhanu Prakash
562	Satellite Image Flood Mapping with Safe Location Suggestions Using Deep Learning	SARITHA, BANALA*
563	Design and fabricate a triangular patch microstrip antenna with a circular slot and optimize its design parameters using a Random Forest Regression model	Jayarani A, Electa Alice *; B N, Monisha ; M N, Amulya ; S R, Meghana ; K Joy, Helen
564	PA-LungFormer: Prompt-Aware Lung Disease Classification from Chest X-Rays	Konni, Srinivas*; Potnuru, Lakshmi Prasanna; Pulapa, Dinesh ; Guvvala, Nithin Reddy ; Sarwasuddi, Sasi Kumar
565	A Hybrid Swin Transformer–ViT Model for Multi-Crop Disease Detection	Konni, Srinivas*; Vedika, Suravarapu ; Chanakya, Dokara ; Lokesh, Tungana; Manikanta, Korada
566	Artificial Intelligence–Powered Machine Learning Models for Temperature-Dependent Friction Prediction in Ti64 Alloy	Pavani, Majji*; Danabala, Nirmala Devi ; Bhagavatula, Uma Rani; Addepalli, Maheswara Rao; Prasan, U D; Kottalanka, Ravi K
567	Towards Efficient THz Image Analysis: Comparing Vision Transformer and CNN Architectures	Mercy Latha, A.; Jeevakranthi Goud, Battipally; Krishna Sai, Bobba; Muth Tamil Pooja, M.; Bhanothu, Yakub*; Ranjan, Rishi
569	A Semi-Circular Semi-Gear-Shaped Patch Antenna Optimized for Implantable Biomedical Applications	Jhajharia, Tejpal*; Jhajharia, Tejpal; Khatoon, Sultana ; Ahmad , Sarosh
570	Enhancing Skin Cancer Diagnosis: A Tri-Stream Deep Learning Framework	Botcha, SSV Ramesh Babu*; S, Radhika ; VVSS, Sameer Chakravarthy; Bhogavilli, Durga Prasad ; Kottana , Greeshma ; Yathirajula, Ramesh Babu
571	MIMO Implantable Antenna for Deep Tissue Biomedical Applications	Jhajharia, Tejpal*; Jhajharia, Tejpal; Khatoon, Sultana; Ahmad , Sarosh
572	Hybrid Accurate–Approximate Carry Save Adder Using MUX-Based Full Adders for Low-Power Applications	Botcha, SSV Ramesh Babu*; Eti , Gayathri; M.S.S.S, SRINIVAS; Paladuga , Satish Rama Chowdary; D, Arun Kumar ; Yelleti, Abishai

573	Online Meeting Interest Analysis Using AI-Powered Face Expression Detection	Dungala, Ganesh*; BONGI, DHARMA TEJA; VOONNA, VARUN KUMAR; THADELA, ESWARA RAO; SILLA, SANJANA; M, V.B CHANDRASEKHAR
574	Auditory attention decoding by EEG, CNN and LSTM	Varala, Chaitanya Reddy*; Vasagiri, Krishna Sree; G, Sahitya
575	An Axially Excited Holographic Antenna Using a Vivaldi Launcher for Beamforming Applications	Yerrola, Anil *; Arya, Ravi Kumar ; Ali, Maifuz
576	Non-invasive Blood Glucose Level Prediction from PPG Signals using Machine Learning Regression Models	Patro, Kiran Kumar*; G.S.S.S.V, Krishna Mohan; E, Pravallika; P, Bhavya; V, Govardhana Rao; P, Sarika
577	Design and Development of GUI for Different Radars	Kadam, Aishwarya*
579	Smart Vision System for Preventing Accidents With Drowsiness Detection System Using Deep Learning Techniques.	Mahapatro, Pradeep Kumar*; Palyala, Deepthi ; Pulavarthi, Pavan ; Siripurapu, Ganapathi ; Potta, Sambasiva
580	Ku-Band Corner-Cut Patch Antenna with Coaxial Feed for Wideband Applications	Banerjee, Pratham; Das, Trisha; Singh, Paramjit; Ghosh, Shithan*; Paul, Arunya; Panda, Jyoti Ranjan
581	Computational Intelligence in Machine Learning and Its Applications for Soil Analysis	Mahapatro, Pradeep Kumar*; Arangi, Dasaradha; Soujanika, Burada ; Pradhana, Ramakrishna ; Kishore, ChodiSai ; Kumar Dibba, Sagar
582	Explainable AI-Powered Intelligent Operational Support Systems for Design and Implementation	Mahapatro, Pradeep Kumar*; Arangi, Dasaradha ; Raj Dasari, Reventh ; Biswal, Krupasindhu
583	Solar-Powered BLE-based Heart Rate Monitoring and Emergency Alarm system	Lokeshreddy, Chinthakuntla*; Kalyani, Vattikuti; NikhilSaikumar, Gudipati
584	Design of Self - Diplexing MIMO Antenna based on Substrate Integrated Waveguide for Ku-Band Applications	KRISHNA REDDY, GURRALA*; RANA, GOUTAM ; PADHI, JYOTIBHUSAN
587	BlindMate CurrenSee: Smart Audio Recognition of Currency for the Visually Impaired	Saikiran, Nemalapuri *; TEJASRI, PODILAPU ; EKSHITHA, LAKKOJU ; KRISHNAPRASAD, KINTALI ; SAIVARDHAN, KOONA
589	Ensemble Based Risk Assessment for Chronic Kidney Disease Using Clinical Features and Graph Representations	Saikiran, Nemalapuri *; DILEEP, MODALAVALASA ; PRAVALLIKA, JOSYULA ; URMILA, TALLURI ; ROHINI, CHAMARTHI
590	Multi-Granularity Intrusion Detection and Prevention for Industrial IoT Environment	Venkataramana, Tamarapalli*; Jayamanmadharao, M; Shanmukhareddy, Kota; Balajee, Korn; Mohana Rao, Mond
591	HYBRID CNN XCEPTION-NET FRAMEWORK FOR MULTI-CLASS PNEUMONIA DETECTION FROM CHEST X-RAY IMAGES	Datla, Rajitha*; KIMIDI, ASHA; ALLADA, KALYAN KRISHNA; KANUGULA, PUJITHA; KOMMANABOYINA, GOWRI SHANKAR
592	Food Freshness and Safety Detector with Attention-Driven CNN's	Konni, Srinivas*; Akshitha Morri, Rama; Buri, Dilleswara Rao; Surakasi, Tejaswani ; Sunasagada, Rakesh
593	Explainable Multimodal Deep Learning for Integrated Breast Cancer Diagnosis and Recurrence Risk Stratification	Kinjarapu, Ananda*; Palla, Bhumika; Mummareddy, Venkata Sai Krishna; Routhu, Praveen; Valireddy, Suribabu
594	Deepfake detection using Deep Learning	Golusu, Harika ; Naveen, Bejjipuram ; Sanapala, Akash ; Neelapu, Ganesh ; Tamada, Srikanya*
595	Design and Implementation of PCIe 5.0 Protocol for High-Speed Data Communication	Bikki, Pavankumar*; K, Manjusha; K, Charankumar; B, Kranthikumar; Ch, Niharika; A, Varsha
596	IoT and ML Based Smart Air Quality Monitoring and Alert System Using NodeMCU, GSM and GPS	Vijayalalitha, Rowthu*; MSR, NAIDU; Suvvari , Rajeswara Rao; koteswara Rao, Mamidi ; Abothula , Manmadha
598	Smart Assistant for Blind People Using Scene Priority	Kinjarapu, Ananda*; K, Sravanti; Panigrahi, Likhith; Baratam, Pavan Kalyan; Marpu, Sivaram
599	An Energy Efficient Sense Amplifier Based Flipflops with Stacked Transistors at Low Voltage	Nagulakonda, Meghana*; Yamani, Sudha Vani ; D, Ram Sandeep ; Dama, Durga Bhavani
601	Vehicle Number Plate Recognition with Automated RC Verification and Telegram-Based Notification System	NARESH, AKULA*; RAVIKUMAR, GUDUPUDI; BHASWANTH KUMAR, KILARU
602	3D Printing of Microwave Components: A Review of Materials, DMLS Processing, and SS316L Applications	VENKATESH, MUDDADA; Kalla, Kanaka Raju ; Kari, Murari *; Narayana, Turali; Dowluru, Sreeramulu; Rejeti, Pavan Kumar
603	Energy Efficient Of Sensor Nodes With The Help Of Sink Nodes In WBAN Using Hybrid HBADOA Algorithm	Reddy, Dr.Anirudh*; Ch, Sravanthi; Reddy T, Vasudeva; Reddy, Roopa; B, Sangeetha; K, Sai Prasanna
604	COVID-19 and Pneumonia Classification from Chest X-Ray Images using ResNet50 with CNN Model	Yechuri, Sivaramakrishna*; Susmitha, G; Asmath, P Ayesha; Bhavani, E Lakshmi
605	Vision-Based Driver Drowsiness Detection with Embedded Alert and GPS Tracking System	KOTIKA, RAVI KIRAN*; MALOTH, BASHA; KARAMSETTI, VENKATA KRISHNA
606	A Trust-Based Enhanced AODV Protocol for Black Hole Attack Detection in MANETs	Sathu, Shiva Teja*; Pulugujju, Rajesh; G, AJAY KUMAR; Gundu, Karthik; Vaggu, Karthik; B, Sriram

607	Design of Low-Profile Highly Efficient Multiband Metasurface Absorber	Kumar, Vishal ; Bhaskar, Sudhir; Agrahari, Rajan*
609	Effect of Shuriken Slot & DGS on Rectangular Patch Antenna for C and X-band Applications	R., Ramana Reddy*; U, Jayaram; Y, Sudheer; M, Pavan Kumar
610	Pinwheel-Shaped Slotted Microstrip Patch Antenna for Multiband Applications	R., Ramana Reddy*; K., Jithendra; J., Nageswara Rao; D., Naresh Kumar
611	Evolutionary Technique based Placement Optimization Strategy for Sidelobe Suppression and Gain Enhancement in Shared Aperture Antenna Arrays	Verma, Amisha*; Kedar, Ashutosh
613	Circular Patch Antenna with Double Hybrid Play–Pause Slot for Wideband Applications	R., Ramana Reddy*; Y, Sudheer; N., Rajasekhar; M., Kalpana
614	Bat-Shaped Slotted Microstrip Patch Antenna	R., Ramana Reddy*; P., Meghna Rao; G., Siva Suresh Kumar; B., Venkata Ramana
615	Effect of Metamaterial and DGS on Slotted Rectangular Patch Antenna for C and X-band Applications	R., Ramana Reddy*; V. K., Likith; K., Jithendra; J., Nageswara Rao
617	Compact Slot-Loaded Patch MIMO Antenna with Detected Ground Structure for Indoor Mid-Band Wireless Applications	B, Sridhar*
618	A Metasurface-based Dual Passband Filter Towards Mobile Communication Applications	Mishra, Shivam*; Kumar Mishra, Vishnu ; Chatterjee, Sougata; Samantaray, Diptiranjana ; Bhattacharyya, Somak
619	A Wideband High Gain Transimpedance Amplifier towards LiDAR Driverless Vehicle Application	Miryala, Sharath Chandra*; Gorre, Pradeep
620	Visible Light Communication for 6G Networks: Architecture, Enabling Techniques, and Research Directions	B, Sridhar*
622	A Directional Bow-Tie Yagi Antenna Array for Satellite Applications	V, Sashank; Nella, Anveshkumar*; Peshwe, Paritosh; G, Srinivasu
624	ESP32-Based Edge Node using TinyML and LoRaWAN for Motor Fault Detection	MUVVALA, KALPANA*; Dasari, Sai Ganesh; Gayathri, Karanam ; Gonthini, Hemanth ; R, RAMANA REDDY; Dinesh, Gembali
625	Explainable AI-Based Framework for Automated Brain Tumor Segmentation and Clinical Decision Support Using MRI	S, SARAVANAN*; L T, Hemalatha; M, Kalaiyarasi
626	A Cloud Integrated Deep Learning Framework for Automated Brain Tumor Segmentation	S, SARAVANAN*; L T, Hemalatha; M, Kalaiyarasi
628	Privacy-Preserving Heart Disease Prediction Using Federated Learning Architecture	Pratik Bhanja, Pratik Bhanja; Mahapatra , Yugantik ; Patnaik,, Asish Kumar ; Padhy, Neelamadhab*; Patnaik , Archana ; Panigrahi, Rasmita
629	AN INTELLIGENT NOTE TAKING APPLICATION	Kavuri, Srichandana*; Rayapudi, Bhuvaneshwari; Battula, Sharath Gopal
630	Performance Analysis of Dynamic Comparators with/without Tail Controlled Transistor	Nagulakonda, Meghana*; Yamani , Sudha Vani ; D, Ram Sandeep ; Dama , Durga Bhavani
631	ECO-FRIENDLY AUTOMATED LAWN MOWER USING SOLAR ENERGY AND EMBEDDED CONTROL	Nerella, Laxmi Gayathri*; Karlapudi, Rama Krishna ; Thodeti, Ramarao
633	A Real-Time Assistive Communication System for Deaf, Dumb, and Blind Users	Tamada, Srikanya*; DEVIPRIYA, PILLATI ; JAYARAM, KILLAMSETTI ; VIVEK, ARJALA ; YESASWINI, TIRLANGI
634	GRAPHICAL PASSWORD AUTHENTICATION SYSTEM USING PYTHON	LIKHITHA REDDY , KUNDURU *; Fareed Ahamad, Mohammad; Navya, Mallela
635	Symptom Analysis for predicting Health Issues Based on Machine Learning	NANDINI , GUNDLA *; Mohammad, Fareed Ahamad; Kolluri, Madhu
637	A MIMO based 4D Radar for Aerial Surveillance and Detection	Kedar, Ishaan*; Kunju, Nijas; Kedar, Ashutosh
638	Circular Ring Based Patch Antenna for Wideband & High gain Applications	R., Ramana Reddy*; Bola, Venkata Ramana ; Koribilli, Tejaswini ; Peteti, Guru Tejita
640	VIRTUAL TRIAL ROOM	Badagala, Pushpalatha*; M, V.B CHANDRASEKHAR; Ponnada, Harikrishna; Magatapalli, Harshith; Kandregula, Jugendra
641	Comprehensive Study of Water Body Area Detection and Segmentation Techniques for Chembarambakkam Lake	S, SARAVANAN*; L T, Senthil Kumar; M. , Kalaiyarasi
642	Technology-Enabled Active Learning in Digital System Design: A Case Study Integrating Simulation, Feedback, and Real-World Projects	S, SARAVANAN*; M. , Kalaiyarasi

643	A Two-Port THz MIMO Antenna With Improved Isolation Using Hybrid Decoupling Structure	Kumar, Praveen; B G, Parveez Shariff*; Dalal, Prinyanka
644	A SMART DISASTER MONITORING AND EARLY WARNING SYSTEM USING ARDUINO AND LORA TECHNOLOGY	Chennakeshava, Shreya*; Gudupudi, Ravi Kumar; Kasani, Vinay Teja
645	Spectral Domain Analysis of Field-Dependent Dispersion and Attenuation in HTS Coplanar Waveguides	T, Stiji*; Andrews, Jolly; Mathew, Vincent; Ramachandran, Ajith
646	Smart Helmet for Accident Detection and Reporting	Sandeep, Athmakuru*; Naga Raju, Banavathu; Vijaysimhareddy, Gunnam
647	Chronic Disease Classification Using Federated Deep Learning	bendalam, vijay*
649	Intrusion Detection in Software Defined Networks using Deep Learning	Gorle, Venkata Lakshmi Narayana*; Ashish Kumar, Patnana; Kamalakaran, Krishnapatruni; Dilleswararao, Buddha; sai kiran, potnuru
650	Machine Learning Assisted Fractional Order LMS Adaptive Filtering for Wireless Interference Suppression	E, Bharat Babu*; Bitra, Janardhana Rao
651	Vision Transformer–AI Assisted Multi-Class Cell-Level Cancer Classification Using Deep Learning	E, Bharat Babu*
652	Automated Bone Fracture Detection and Localization Using Deep Convolutional Neural Network	Ramakrishna, G*; sanapala, Haritha; Meenakshi, Sanapala
653	Adaptive Kalman Filter–Based Real-Time Denoising and Event Detection for Multimodal Biomedical Signals	Devarakonda , Veera Mani Kumar*
654	A Phase-Rate Driven Direction Finding Framework for Spaceborne ELINT Systems	Devarakonda , Veera Mani Kumar*
656	Efficiency Enhancement and Miniaturization of Wireless Power Transfer System by Incorporating Metamaterial Slab	Kudaibergenova, Zhanel ; Rano, Dinesh*; Hashmi, Mohammad
657	Integrated Multi-Model Approach for Early Neonatal Sepsis Detection from Manual Clinical Records	Ramakrishna, G*; Koushik, K; Gowtham, N; Shareena, Ch; Rao, Keshaba; Nayeem, Sk
658	Enhancing Retail Efficiency with an Automated-Integrated Automated Smart Cart	E, Bharat Babu*
661	Design and Implementation of a Multi-Sensor IoT Vehicle Safety System with V2V Communication	SIRAMSETTI, UMAMAHESH*; PALLI, SANTOSH REDDY; PANUGOTHU, RAJESH NAIK; BURUGU, SWETHA
664	CNTFET-Based Digital Arithmetic Circuit Designs In Ternary Multiplier	KATIKA, GOPILAL*
666	A MATLAB Based Image Processing Approach For Brain Tumor Segmentation And Boundary Detection	SHAIK, KHATIJA*; PODILI, RAMU; AKARAPU, POOJITHA
667	A Web-Based Office Expense Management System with Visual Analytics	Banothu, Yamini Naik*; Mohammad, Fareed Ahamad; Dammalapati , Vinod Kumar
669	Polarizability Study of S-PIN Diode loaded Reconfigurable Meta-element for Solid State Plasma Antenna	Ram, Raksha*; Mevada, Pratik ; Kannan, Kaushik; Gupta, Ramesh Chandra ; Singh, Vijay Kumar; Kulshrestha, Sanjeev; Mahajan, Milind B
672	Battery Management System in Electric Vehicles using Machine Learning Approaches	SHAFI, SHAIK*
673	IoT-Enabled Smart Voice-Controlled Wheel Chair with Safety Alerts, Height Adjustment, and ESP32-CAM Based Monitoring System	Navya, Pagadala*; Bhuvaneswari, Rayapudi; Adarsh Reddy, Vanka
675	OptGCNN: A Deep Learning Approach to Classify Vertebral Artery Disease Using Generative Adversarial Networks (GAN)	Akshaya, Kelli*; Dasari, Sreenubabu; Karthik, Surada; Avinash, Kotipalli; Pavan Kumar, Tumpala; Simma, Seshagiri; Yadav, Parmanand Kumar
676	Design and Simulation of Multispectral Absorber	Menon, Vivek; Ranjan, Om*; Krishna, Anjali; Choudhury, Balamati
678	Deep Learning Assisted Wafer Defect Classification for Reliable RF and Antenna-Grade Semiconductor Manufacturing	Deepti, kakarla*; Akshita, Gadde; chaitanya, D.M.K; Nagadevi, D; Deepti, S.Aruna; Kulkarni, Vibha
679	An Optimization-Driven Performance Enhanced Octa-Beam Transmitarray Antenna	Kerhalkar, Ayush*; Chatterjee, Sougata; Maulik, Avirup; Bhattacharyya, Somak
680	An IoT Framework to Detect Suspicious Activity at Transport Hubs Using Computer Vision	DASARI, SREENUBABU*; Ravi Kumar , T; Kesavarao, Palavalasa ; Charitha, Karri; Shree Govardhan Reddy, Konatham; Pranav Sai, Kuna
681	Design and optimization of graphene based NFC tag Antenna	Kaur, Navneet*; Kaur, jaswinder; Khanna, Rajesh

682	AI-DRIVEN WASTE SORTING AND RECYCLING ASSISTANT USING ATTENTION POWERED CNNs	Mahapatro, Pradeep Kumar*; Sandya Sruthi, Dunga ; Dilleswararao, Sampathirao ; Laxmanarao, Balaga ; Chiranjeevi, Kammakattu
685	Flexible Bow-Tie Slot Antenna on Low-Loss Rubber Substrate for Body Area Networks	Maria, Anju*
686	LIT GENIUS : Automated Literature Survey Generation using Multi-Agent Retrieval-Augmented Generation	ARANGI, DASARADHA *; Reventh Raj, Dasari ; Chetana, Gandivalasa ; Saraswathi, Sandhipeta; Akhila, Sivvala ; Karteek, Kurakula
690	Crop Stress Management using LSTM-Based Evapotranspiration Estimation from Rainfall and Soil Moisture Data	TERLAPU, PANDURANGA *
691	Generative AI for Synthetic Medical Data Creation to Address Data Scarcity	Amrutha Varshini, K*; Gayathri, G; Padma Sri, P; Sarada, B; Likithanjali, V; Likitha, G
693	Intelligent Banana leaf Disease Identification system using Transfer Learning models	TERLAPU, PANDURANGA *
694	A Performance Comparison of Intelligent Reflecting Surfaces and Decode-and-Forward Relaying Under 3GPP UMi Channel Models	Sheikh, Javaid *; Ganie, Gulzar Ahmad
695	Adaptive Transmission Techniques for Reliable and Efficient 4G/5G Communication	Veeramalla, Santhosh*; T, Vasudeva Reddy; M, Ranjeeth; Ravuri, Viswanadham; B, Sri Neha; Sahoo, Ratikant
696	Design and Development of Spidron Fractal Slot Dielectric Resonator Antenna for Wireless Applications	Rama Rao, B*
697	Dual-Band Microstrip Patch Antenna	Miriyala, Ganesh*; S, Renu; T, Renusree; B, Spoorthi; M, Lakshmi Narsimha; Ravi, Kiranchand
698	Design and Development of Smart Interactive Restaurant Menu Using Intelligent Techniques	Pushpa , Kaja Lakshmi*; Vasavi, Suma; Busi, Dr. Sarada; Baby Sarojini, Vallabaneni; Dharani, Reddy; Bharathi, Aatmakuri; Samatha, Musunuri
699	Dual-Resolution Multi-Beam Antenna System for K/Ka-Band HTS: Design, Realization, and In-Orbit Validation	Nandwani, Rohit*; Mukherjee, Atrish; Agarwal, Amit; Sharma, Nitin; Kumar, Prashant; Prajapat, Kamal
700	A Compact Crescent-Cross Reflective Metasurface for Ultra-Wideband Cross-Polarization Conversion in the Millimeter Wave Applications	Raizada, Harish*; Kashyap, Nitesh
701	Proximity-Driven service matching:A web Application for Connecting Customers with local skilled Workers	RAMA LAKSHMI, SANDRANA*
702	A Low-Profile Metasurface-Based Hepta-Beam Folded Transmitarray Antenna (FTA)	Chatterjee, Sougata*; Roy, Pradip Kumar; Bhattacharyya, Somak
703	An Eco-Friendly Route Planning Model for Logistics Fleets	MUVVALA, KALPANA*; Chaitanya , Kancharapu; Abdul Gafur, Mohammed Kaza ; Deepthi Naga Suharsini, Vindula ; Thanmayi Sri Vani , Gavara ; Sandhya , Mallavarapu
704	Investigation of Dual Band Single Layer Reflectarray Antenna For C/Ku Band	Pandey, Ajay*; Patel, Stuti; Tyagi, Yogesh ; Sharma, Devendra Kumar; Sahoo, Madhusmitha; Kulshrestha, Sanjeev; Mahajan, Milind B
705	A Metasurface-Assisted Millimeter-Wave Planar Resonator for Glucose Sensing Applications	Sood, Tanya*; Thakur, Nikhil ; Kumar, Pawan; Dhakal, Ram Prasad; Sharma, Avarn ; Kandwal, Abhishek
706	Progressive Design and Configuration Analysis of MIMO Antennas	K R, Manasa*
707	6-18 GHz Wideband negative feedback MMIC amplifier	DOKI, VENKATAVINAYKUMAR*
708	Circular Microstrip Antenna on a Conical Surface for ISM Band Applications	AHMED BEGG, MIRZA*; Maity, Sudipta
709	Porosity Driven Frequency Selective Surface Based Radar Absorbing Structure Design	Attada, Phanendra Kumar*; Sutrakar, Vijay Kumar
710	A Shared-Aperture Dual-Band (3.5/28) and MIMO at 28 GHz Antenna for 5G Communications	KOTHAPUDI, VENKATA KISHORE*
711	AstroDetect: A Domain-Adaptive Morphology-Aware Framework for Cross-Planetary Crater Detection	V, Srilakshmi; Kiran, G Uday; Snigdha, Kanduri Sri*; M, Mounika; Laxmi, H Bhagya; Divya, B
712	Compact Vertically Assisted Metasurface Mounted Vivaldi Antenna with Bandwidth and Gain Enhancement for Wi-Fi Mounted Applications	Sahu, Sudhakar*; Muduli, Ameeya Ranjan ; Mohanty, Asutosh
713	Design and Performance Evaluation of a Low-Power LoRa-Based Soldier Health and Location Monitoring System	Adithya sai, Muttada*; surya charan, mediseti; chandrasekar, kalle; Veera Babu, Vangalla

714	Multi-Disease Detection from Medical Images Using a Hybrid Vision Transformer and BiLSTM Framework with Explainability	Sri Harshitha, Baratam*; Devamma, Mila; Devaraj, Chandragiri ; AkashGandhi, Injarapu ; Jagadeesh, Edureswaram
715	Design and Numerical Analysis of a THz Metamaterial Wearable Sweat Sensor	Bhattacharya, Anoushka ; Ghosh, Sreejita ; Ghosh, Kaankshita *; Ray , Sutapa
717	Deep Echoes: A Deep Learning Framework for Underwater Bioacoustics Species Recognition	Krishnam Raju, Kotni*
718	Multi-Scale Attentive Time Delay Neural Network for Underwater Bioacoustics Classification	Krishnam Raju, Kotni*
719	SMART RADAR FOR AUTONOMOUS VEHICLES	JAYSHREE DAS , ASHILI SRINIVAS, AREPALLY ASHRUTHA
720	Design of Dual Polarized Dipole Antenna with low profile for Cellular Base Station Applications	Akhila, Varikuppala*; Bharathi, Anantha; Ravi Shankar Reddy, G.
721	Pneumonia Detection With Personalized AI	kamalkiran, sumala*; Vandana, Thangudu
722	LOW-POWER HIGH-SPEED 4×4 DADDA MULTIPLIER USING OPTIMIZED FULL ADDER IN 45 NM CMOS TECHNOLOGY	POOJITHA , BOLLAKA *; KALYANI, VATTIKUTI; NITHIN, ENUGURTHI
723	NOVEL RETINAL BLOOD VESSEL SEGMENTATION HYBRID NEURAL CLASSIFICATION USING DEEP LEARNING	BANOTHU, USHA*; KARLAPUDI, RAMA KRISHNA; TELAGORLA, VINAY
724	Design of a Dual-Polarized Wideband Antenna for Ku and mm-Wave Band Applications	Kumar, Amit*; Gulla, Likhitha ; Vatsal, Tushar; Ali , Bashrat ; Ara, Asmat ; Kumari, Abha
727	SIW Cavity Based Sierpinski Fractal Slot Volumetric Antenna for mm Wave Applications	RAVULA, RAMPRASAD*; Kumari, Runa; Razak, Abdul
728	Design of Four-Port Circularly Polarized MIMO Antenna For Sub-6 GHz 5G And Satellite Bands	Kumar, Amit*; Yadav, Alok ; Rathod, Shant ; Ali , Bashrat ; Ara, Asmat ; Kumari, Abha
730	Deep Learning Assisted LMS Equalizer for Multipath Wireless Communication Systems	B, Janardhana Rao*; E, Bharat Babu ; K, Revathi; K, Purushotam Naidu; S, Sumahasan ; Kenguva , Charitha
731	Student Mental Health Analysis and Prediction Using Machine Learning	Mundla, Nandini; Poli, Phanindra Kumar Reddy ; B, Venkatesu Goud ; Sreelatha, Valathati*; Murari, Charan; Kancharla, Silpa
732	Fast Quantum Convolutional Deep Learning for Automated Brain Tumor Detection and Classification from MRI	K, Revathi*; S, Sumahasan; B, Janardhana Rao ; K, Purushotam Naidu; E, Bharat Babu; Kenguva , Charitha
733	Four-Port Dual-Band MIMO Antenna with High Isolation for 28/38 GHz 5G Systems	Kalyani, Gumma; Chandrasekhar Rao, Jetty; AKHILA, NEELAM*; Sesirekha, B
734	A pentagonal swastika shaped dual-band antenna for RF energy harvesting	Karad, Kailash*; Agnihotri, Santosh; Raut, Krushnakant; Shelke, Dhiraj
736	Reflectarray Technology for X-band Antenna Systems Onboard Low Earth Orbit Satellites	Fonseca, Nelson*; Barault, Florian; Mazingue, Gautier; Del Mastro, Michele; Mangenot, Louis; Romier, Maxime; Capet, Nicolas
738	Wireless Protocols based Real-Time Sense-Think-Act in Autonomous Robotics	Reddy, T. Vasudeva *; V , Sreelatha Reddy; Joshi, Jyothirmai; Kinnara, Bhavani ; M. , Obula Reddy ; D, Srikar
739	ADVANCE IOT BASED INDUSTRIAL AUTOMATION FOR ELECTRICAL APPLIANCES AND CONTROL	Nukala, Rajagopal Reddy *
740	Breast Cancer Diagnosis Employing Random Forest	Baddam, Sairam Laxma Reddy*; Vasagiri, Krishna Sree; G, Sahitya
741	Throughput Optimization of AES-128 Encryption using Pipelining and Parallel Architectures	Nair, Amey*; B, Sireesha; Kharia, Taruni; K P, Raghavendra
742	Development of an Intelligent Reflecting Surface-Enhanced Wireless Communication System	Kadiyala, Ragodaya Deepthi*
749	Quantum Computing for Underwater Acoustic Channel Estimation: A Comprehensive Review and Research Outlook	Marpu, Chaitanya*
750	Design and Analysis of a Wideband Bow -Tie Slot Antenna for 5G mm-Wave Applications.	Duddala, Varshitha*; Sunitha, Barmavath; Sneha, Aleti; Ekshitha, Dasari; Sanjeeva reddy, B.Rama; Srinivas, Guthi
751	Experimental Evaluation of an Embedded-Based Wireless Sensor Node with On-Device Signal Processing	SAI SIDDARTHA, K V N*; VISHNU VARSHITH, K; SRI SAI MAHESH, J; ASHWINI, ADE; ANIRUDH REDDY, R
752	Excitation of Higher Order Modes of Microstrip Antenna Conformal to Conical Surface	Pandit, Sneha*; Maity, Sudipta
753	Performance Analysis of a 2.45 GHz Surface-wave Plasma Antenna Under Varying Microwave Excitation Power	Vora, Jay*
754	Impact of Atmospheric Conditions on FSO System Performance: A Comparative Study of SISO and MIMO Links	Shafi, Faizan*; Hannan, Mohammad ; Kouser, Kahkashan; Aknan, Mohammad

757	Synthesis of One-Dimensional Structured Metagratings for Anomalous Reflection in 5G Millimeter-Wave Communications	Choudhury, Suvadeep*; Dicandia, Francesco; Genovesi, Simone
759	Enhancing Security Against Product Counterfeiting Through Three-Dimensional Chipless RFID Systems	Choudhury, Suvadeep*; Costa, Filippo; Manara, Giuliano; Genovesi, Simone
760	ONLINE BANK LOAN APPROVAL USING VOTING ENSEMBLE TECHNIQUE	Gorle, Venkata Lakshmi Narayana*; Harika, Tara; Divya, Gottapu; dharaniachari, maheswaram; Jaswanth, Pondara
762	A High-Efficiency Multiband Terahertz Antenna with Wideband Response for Next-Generation Wireless Links	Panguluri, Vinodh Babu; Uppala, Srinivasa Rao*; Uppalapati, Vignesh; Sadineni, Sandeep; Yarlagaadda, Uma Kiran; Yenuganti, Ravi Prasanth
763	Dual-Band Graphene Metasurface Absorber for Terahertz Space and Stealth Applications	Grandhi, Challa Ram*; B, R. Sanjeeva Reddy; S, Hanumantha Rao
764	Hybrid ANN–CNN–LSTM Model for Accurate Solar Power Forecasting	Gandi Ramarao, Dr. *; Chongala, Prasad ; Kalla, Kanaka Raju; Kalyana, Kiran Kumar; Tankala, Raveendra ; Rayavarapu, Mounika; Koda, Prasad; Ganala, Vamsi
765	Design and Simulation of Microstrip Antenna for Microwave Non-Destructive Evaluation of Multi-Layer Composite Structures	Mittal, Deepak*; Srinivas, Kuchipudi; Chaitanya, Durbhakula M K
766	Early Detection of Autism Spectrum Disorder Using Deep Learning	Lakshmi Priya, Karra*; Saraswathi, Kuppili; Sirisha, Pinninti; Tarun, Andhavarapu; Dutta, Sayan; Ravikumar, T.
768	Hybrid Machine Learning Framework for Flood Risk Prediction	Atchutarao, Kalagati*; Jayamanmadharao, M.; Sriharsha, Raghupartuni; Karthik, Tirumareddi; Tejeswararao, Jamma; Sireesha, K.
769	Design and Analysis of Low Profile, Wideband 2-bit Reconfigurable Intelligent Surface	Megadula, Roopeshwar; Ghosh, Jeet*
770	Design and Validation of Multi-Band Reconfigurable Antenna for Improved Adaptability and Versatile Performance	Deepa , Bammidi ; Chaya Devi, Pothala ; GORLE, GAYATRI ; Sandeep, Ram*; Santosh Kumar , Gujjala ; Sanjay Kumar , Kona
773	Design and Experimental Validation of a Star-Shaped Koch Fractal Slot-Coupled Rectangular Dielectric Resonator Antenna	Rama Rao, B*
774	Machine Learning Approach for Condition Monitoring of High Voltage Insulators	Gandi Ramarao, Dr. *; Chongala, Prasad ; Gnaneswararao, Guniti ; Devi Sushma, Savara ; Vijay Kumar, Kalyanam ; Venkata Gowri Sankar, Battula ; Raveendra , Tankala ; Hannon, Naeem
775	IoT-Enabled Intelligent Medicinal Plant Recognition System	rao, sreenivasa*
776	Implementation of A Low-Delay Rate-Adaptive Dual-Chamber Pacemaker	Bikki, Pavankumar*; K, Manjusha; G, Sai Sri; G, Abhijith Rao; K, Ananda kumar
777	High-Frequency Analysis of Electromagnetic Short Pulse Radiation from Rectangular waveguides	Kaja, Niharika; Chatterjee, Deb*
779	BrainScan AI: Early Detection of Brain Tumors	T P, Kausalya*; Mareddy, Anusha; M, Manjusha
780	Design and Implementation of Low-Cost Highly Sensitive SRR Shaped DGS Based Portable Microwave Sensor for Detection of Permittivity of Solid Materials	Mondal, Supratim*; Karak, Soham; Lo, Shrijita; Raja, Hamid; Ganguly, Malay; Sen, Gobinda
781	Optically Transparent and Flexible Antenna with Hybrid Defected Ground Structure on PET substrate For IoT and WLAN Applications	Karak, Soham*; Mondal, Supratim; Lo, Shrijita; Ganguly, Malay; Sen, Gobinda
783	Dual-Band Circular Patch Antenna on a Cylindrical Surface	Deb, Sukanta*; Maity, Sudipta
784	Design of a Frequency-Reconfigurable Transmission Unit Cell Using Reconfigurable Meshed Ground Structure	Deka, Kankan *; Abegaonkar, Mahesh; Yadav, Dinesh
786	A Low-Profile Textile Antenna with Metasurface Loaded for Wearable Device Applications	Gadagamma, Thanmai*; Chilukuri, Sulakshana; Kukkadapu, Lakshman
787	Compact Dual-Arm Planar Antenna for Sensing Application	lo, Shrijita *; Karak, Soham; Mondal, Supratim; Sen, Gobinda
788	Analytical Design of Reflective-Type Reconfigurable Metagrating	D, Esther*; Kartikeyan, M V ; Sreenath Reddy, Sreenath Reddy
789	Hybrid Fractal Antenna for Wideband Applications	Bharath, Lakey*; Behera, Santanu Kumar
791	Design and Analysis of a Reconfigurable On-Off mode Triple Band Microstrip Patch Antenna for ISM, 5G and IOT band Applications	Raja, Hamid; Saha, Akash; Banerjee, Soham; Ganguly, Malay; Mondal, Supratim*; Sen, Gobinda

792	Performance Analysis of Lens based Circularly Polarized Antenna Array	Raate, Mohith*; Kumar, Kiran ; A, Mahesh ; K S, Shushrutha; S, Ravishankar; Chaudhary, Balamati
793	An Ultra-Compact Flexible Wideband Antenna for Wearable Body Area Network Applications	Kundu, Preeti; KUNDU, SURAJIT*
794	LifeBot: Autonomous Rescue and Fire Detection	Bollampally, Dr.Anupama*
799	An Intelligent Framework for Emotional Analysis Using a Deep Learning Approach	Pathina, Sudheer Kumar*; Kancharapu, Tagore; Challa, Narendra; Lutta, Likith; Paila, Sukanya
800	A Compact Tri-band Patch Antenna for Satellite Communications	Bhatlapenumarthy, Tapaswi Nagarjuna*; Haider, Iqram; Patnala, Jahnvi; Chalamalasetty, Teja Siri Sai
801	Design of FSS Based Metamaterials using Ensemble Based Regression Machine Learning Models	Kesharwani, Sajal*; PK, Anjana; Sutrakar, Vijay Kumar
803	Design and Simulation of Adaptive Beamforming for K-band MIMO-OFDM Wireless Systems	SAMPATH, NIMMALA*; Goud , M Snigdhes ; Kumar, B Naresh ; Kumar , P Pramod ; Das, Jayshree ; Deshpande, Ramesh
804	Smart Shopping Cart Using RFID-Based Automated Billing System	T P, Kausalya; Anusha, Mareddy*; Hazare, Snehal
805	A Machine Learning–Driven Brain–Computer Interface Architecture for Motor Imagery EEG Classification	E, Bharat Babu*
806	Arduino-Based Autonomous Weed Control Robot with Bluetooth Interface	Bollampally, Dr.Anupama*
808	Explainable Deep Learning Frameworks For Fingernail Image-Based Anaemia Screening	Latha Sri, G*; Sarada, B; Anushka, K; Pushpa, P; Vasanthi, K; Sania Tabassum, Sk
809	Design and Analysis of a Compact Dual-Band CPW-Fed Triangular Antenna for Sub-6 GHz Applications	Narayanarao, Potnuru*
812	DESIGN AND DEVELOPMENT OF 4-SEATER IN CAMPUS ELECTRIC VEHICLE	Hari Prasad, Dr G Venkata*; Shaik, Shafiq ; Shaik, Reshma
813	Feature-Driven Statistical and Spectral Characterization of Reflected Wireless Signals for Contactless Material and Thickness Estimation	M., Venkata*; Ramesh Varma, D; P. Divya Durga Parvathi, P; Rohitha, B; Girish Kumar, D; Challa Ram, G
815	Dynamic Train-Size Partitioning for High-Accuracy Gradient Boosting in Solar Forecasting	GANGA, ASHOK*; Appalanaidu Menda, V V; Srikanth, Bevara; Kalla, Kanaka Raju; Jagadeesh, Jami; Navya, Patnana; Vasantha Kumar, Kalyanam; Ganesh, Tumula; Anusha, P.V.S
817	ViT-ISLR: Vision Transformer for Indian Sign Language Recognition Using Joint Composite Feature Maps	D, Anil Kumar*; SK, Sadaf Jashmeen; SK, Shareef; D, Anil Kumar; P.V.V., Kishore; G.V.K., Murthy
819	ADAPTIVE MULTIMODAL RESUME PARSER USING NLP FOR AUTOMATED CAREER MATCHING	Sudheer Kumar, P*; Kusumanjali, Nandamudi; Boyina Rishitha, Boyina ; Tirupathi, Boliyasetti ; Akanksha , Marri
821	Performance of Monopulse Tracking System for Uncrewed Aerial Vehicle (UAV) in Multi-path Channel	V. M, Jayakrishnan; R. V., Sanjika Devi*; Kurup, Dhanesh G.
822	Investigation of Skeleton Joint Geometric Features in Human Action Recognition Via Kernel Matching	B, Vijaychandra; Anupoju, V D Suresh Kumar; P.V.V., Kishore; Ganganagunta , Srinivas; D, Anil Kumar*; G.V.K., Murthy
823	Polarization Switchable Tunable Metamaterial Absorber For Sensing Application	PATEL, RAJESH*; MISHRA, NIPUN; SANDIMAN, SHREY ANANT; DEWANGAN, LAXMIKANT; TRIPATHI, RUCHI
824	A Compact Dual-Band Metasurface-Loaded Microstrip Slot Antenna for WLAN, WiMAX, and RFID Applications	Pusuluri, Vinod*; Darimireddy, Naresh Kumar; Ande, Bala Naga Sai; Pithani, Akhil
825	Optimizing Transmission Strategies for Energy-Efficient Multi-Hop Underwater Acoustic Networks	azeez, shaik*
827	Performance of different O-OFDM techniques in weak turbulence underwater Visible Light Communication	azeez, shaik*
828	Twitter Sentiment Analysis Using BERT: A Transformer-Based NLP Approach	Kuvalaya, Barri *; naidu, M.S.R; Jyothika , Bandaru; hemanth kumar, Barle ; bhanuprakash, Amjuru
829	Image Compression, Encryption and Steganography through Deep Learning	Neelima, Dharmana*; Ramakrishna, G
831	Low Profile Metasurface-based RF Chipless Pressure Sensor with High Angular Stability	., Anushka; Shaheen, Sofia ; Agrahari, Rajan*
832	Pattern Reconfigurable Flexiable antenna for WBAN Applications	Chowdary, Davuluri*
833	Truncated Microstrip Patch Antenna at 5.2GHz Wi-Fi UNII-1 band for Connected Autonomous Vehicles Applications	SINGLA, GEETANJALI*; Khanna, Rajesh; Bakshi, Ashima ; Singh, Parmeet ; Bhatia , Vibhu ; Pradhan, Nrusingha Charan

836	Real-Time Drowsiness Detection and Vehicular safety Enhancement using Machine Learning and Light Fidelity(Li-f)	Latha sri, Puthika ; Ashok, Puthika; Rohini, Menti; RAJESH, RAGOLU*; Bhavani, Ravada; Manohar, Bangari
837	Analysis of Periodically Space–Time Modulated Microstrip Transmission Lines for Unidirectional Signal Flow	Parvez, Khan Masood*; Ali, Maifuz
838	Conformal Bio-inspired Graphene Antenna for Next-Gen Wearable Systems	Vaishnavi, Akkula Sri*; Sarkar, Debanjali; Shome, Partha P
839	A Compact Tri-Band Circularly Polarized Millimeter Wave Antenna	Pradeepika , Onteddu *; Harish, R Naga Sai; Sarkar, Debanjali
840	Design and Analysis of a Dual-Band Circularly Polarized Antenna for ISM and X-Band Applications	Lakshmi, Molabanti*; Sarkar, Debanjali
841	VO <sub>2</sub> -ENABLED MULTI-SENSED MULTIBAND ABSORBING METASURFACE FOR NEXT-GENERATION 6G TERAHERTZ SYSTEMS	Thurakapalli, Srinivas*; MANIKONDA, VENKATESWARARAO; CHADRAGIRI, PRATHYUSHA
842	Design of Dual-Band Modified Circular Ring shape Antenna for 5G mmWave Communications	SRINIVASULA, N V P R TEJA *
843	Accelerating Antenna Design: A Generalized ML Model for Fast Performance Prediction	Dandge, Bhakti*
845	Single-Feed Square Ring Patch Antenna without/with Embedded Circular Slot for 5G mm (28 GHz/38 GHz) Wave Applications	SRINIVASULA, N V P R TEJA *
846	Edge AI-Enabled IoT Robotic Vehicle Using ESP32-CAM for Real-Time Object Detection and Image Classification	Venkatesh , Appalabathula*; Kiran, S S; Vijaya Kumar, J; Rammohan, B; Teja Sai, Meesala; Ahmed Ali, Shaik
848	A Compact Meanderline Antenna For Breast Tumor Detection Applications	Sahoo, Ratikanta*; Rao, S.Hanumantha ; Grandhi, Challa Ram; Satwika, Vaddi ; Pachigolla, Vasavi V S J Lakshmi Prasanna; Mendyala, Geetha padmini
850	A Comprehensive Review of IoT-Based Smart Wireless Monitoring System for Carbon Capture	Roy, Manidipa*; Kumar, Abhinav ; Varshney , Sudeep
851	Design and Analysis of a Negative Impedance Converter (NIC) for Reactive ESAs	Priyanka, Baby ; Padhi, Jyoti Bhusan *; Desmond Sim, Chow-Yen; Dharma Teja, Attuluri ; KRISHNA REDDY, GURRALA
852	IoT-Enabled Wireless Air Quality Monitoring and Intelligent Air Purification Systems	Roy, Manidipa*; Kumar, Abhinav ; Varshney, Sudeep
853	A Compact 2.4 GHz Meandered MIMO Antenna for LoRa Drone Communications	Sandhya, Mallavarapu*; Farooq, Umar ; Alekhya, Bendalam; CHAKRAVARTHY, VVSSS CHAKRAVARTHY
854	Beam-Splitting in Reflection and Transmission Using Capacitive Meta-Atoms-Based Metagrating	Nagadesi, Sudeeven kumar*; K P, Navya; Thummaluru, Sreenath Reddy
855	Design and FPGA Realization of a Verilog-Based Image Brightness Enhancement Module	Sai Ganesh Kumar, Gurla*; Tirugatla , Surya Kavitha ; Gedela , Sunil Kumar; BSSV , Ramesh Babu
857	Design of miniaturized patch for biomedical application	Roy, Manidipa*; Kumar, Abhinav; Varshney, Sudeep
859	Compact Dual-Band Half-Mode Substrate Integrated Plasmonic Waveguide Bandpass Filter	NAGARAJU, PUNNAM*; PELLURI, SAMBAIAH
860	Dual-Band Rat-Race Coupler with Dual Amplitude Imbalances at Two-Bands	Samanta, Gopinath; Sinha, Rakesh*
861	Compact Half-Mode Substrate Integrated Plasmonic Waveguide Diplexer Design	NAGARAJU, PUNNAM*; PELLURI, SAMBAIAH
863	Design of Geometrically Modified Multiband Microstrip Patch Antenna for 5G Sub-6 GHz and Upper-Band Communication Systems	Varma, D.Ramesh*; Venkata Subbarao, M; Challa Ram, G; Girish Kumar, D; Sushma, I; Sravya Lakshmi Tulasi, V
864	Design and Implementation of an IoT based Intelligent Helmet for the safety and monitoring of construction workers	Hari Prasad, Dr G Venkata*; Banala , NithinVamshi; N , Venkata Ramakrishna; Thokala, Purushotham
865	Design and Simulation of a Flexible Wearable UWB Antenna for Biomedical Applications	Karad, Kailash*; Pawar, Tushar
866	CPW based 4-port dual band MIMO antenna for ISM band applications using FR4	Karad, Kailash*; Pawar, Karan; Sonawane, Aditya
867	Wideband Antipodal Vivaldi Antenna for Electronic Warfare Applications	Singh, Rajesh*; Velamakanni , Uttara
869	Machine Learning–Assisted Design of a Quad-Band Polarization-Insensitive Metamaterial Absorber for X-Band EMI Shielding Applications	Natarajan, Kanagaraj*

870	Atom Based Quantum Antennas: Challenges, Opportunity, and AI-Assisted optimization	pathak, vishal *; Choudhary, Tanuj; ., vidushi; Prakash, Ved
872	A 1D Wide-Angle Beam-Scanning Circularly Polarized Patch Array Antenna at Ka-band	., Nasimuddin*
873	Far-Field Radiation Patterns of a Cylindrical Dielectric Resonator Antenna	Maity, Sudipta*
874	An Application-Driven Comparative Study of SDR in Communication and Sensing Systems.	Hari, Arnav*; Chanda, Anjisnu; Maurya, Vineet Kumar; Singh, Sameer Kumar; Kumbhani, Brijesh; Darshi, Sam
876	Protecting Medical Images: A Robust Approach to Encrypted DICOM Data Transmission	Reddy, Sreelatha*; Tatiparthi, Vasudeva Reddy; Nalla, Swapna
877	Narrow Beam 16-Element Array Antenna for mm-wave Applications	Varma, D.Ramesh*; Venkata Subbarao, M; Rupasri, C; Neelima , T; Challa Ram, G; Keerthi, Y
879	Design and Development of Radar Video Processing Using COTS SBCs	Buchaiah, Amaravadi*
880	A Symmetry-Engineered Metasurface for Polarization-Independent RF Absorption Targeting 3.8 GHz Energy Harvesting	Kaur, Gagandeep*; Rajput, Archana
881	Design and Analysis of SIW Based Comparator for Monopulse Radar Applications	Ajay, Kongara*; Rama Krishna, Dasari; Kunooru, Bharath
882	A Multiresonant Series-Fed Dual-Polarized Antenna Architecture for Wideband Airborne/Target Tracking Radar Applications	Sane, Keerthi*; Chilukuri, Sulakshana; Kukkadapu, Lakshman
883	Selection of Highly Sensitive Design Parameters of Nature Inspired Planar Antenna Through Correlation Analysis	Jhajharia, Tejpal*; Jhajharia, Tejpal; Sharma, Mohit Kumar; Rawat, Sanyog
885	Machine Learning Optimized UHF-RFID Tag Antenna Design for Wristband Applications Machine Learning Optimized UHF-RFID Tag Antenna Design for Wristband Applications	Bansal, Aarti*; Khanna, Rajesh; Singh, Yashi ; Nathani, Akshat; Singh, Adishwar
886	Design and Implementation of Low Cost IoT Based Real Time Air Quality Monitoring System Using MATLAB	Mamidi, Ranjeeth*; Tara, Saikumar; V, Santhosh
887	Development of Compact High-Gain Microstrip Antenna array for 5G Applications	Chaurasia, Rajneesh; Dwivedi, Maneesha *; Ram, Deepak; Srivastava, Neelam; Bhattacharyya, Somak
888	Smart Healthcare: Redefining Infant Healthcare with Advanced Incubator Features	Deevi, Nagesh*
889	A Tunable and Switchable Dual-Band Absorber/Reflector Using a Single-Layer FSS	Sandiman, Shrey*; Dewangan, Laxmikant; Mishra, Nipun Kumar
890	Design and Simulation Analysis of Dual-band Implantable Antenna Operating at 1.96 GHz and 4.06 GHz Biomedical Application	Niveditha, Yadla Keerthi*; Koushik, Vadlamani; Lakshminadh, Bandi; Santoshkumar Singh, Moirangthem
891	AI-Based Trust-Aware Spectrum Sharing in Cognitive Radio Sensor Networks	Ravuri, Viswanadham*; Sarayu, Anumalla; Terlapu, Sudheer Kumar
893	AI-Powered Real-Time Crowd Behavior Forecasting and Stampede Prevention in Smart Cities	Tippana, Chalapati*; V, Hruday Kumar; Jogi, Akhila; Peddi, Sai kumar; Sai, Gangu Nikhil
894	A Hybrid Wavelet–Energy Detection Framework with Adaptive Modulation for Decentralized Cognitive Radio Networks	Dakhane, Meenakshi*
895	High-Performance Multi-Band Frequency Selective Absorber for Next-Generation Radar and Multi-Sensing Applications	Zaqumi, Mohammad Nasrat; Abbas, Syed Muzahir*; Agarwal, Shobit; Dalal, Priyanka; Mukhopadhyay, Subhas
896	A CPW-Fed Circular-Slot & Stub-Loaded Star-Shaped Flexible Patch Antenna for Wireless Applications	Nagesh, Goli*; Alagandula, Pranathi; Shams, Amiruddin; Bharathi, Dr. Anantha; Reddy, G. Ravi Shankar
897	Smart Go-Kart Integrated Safety System With Automatic Fire Extinguishing & Gps-Based Emergency Alerting	Dontikurti, Raghuveer; Dubba, Santhosh Kumar; Srujana, Srujana*; Dowluru, Sreeramulu; Chongala, Prasad; Pandipati, Suman
898	Ultrasonic Radar System: Real-Time Object Detection And Distance Measurement Using Arduino	Ravuri, Viswanadham*; Sai Ruthvika, Yekkaluri; Terlapu, Sudheer Kumar
899	Prediction of Target Dimensions with Radar Cross Section Data: Using Machine Learning Models	Abdul, Khadar; Anbalagan, Vaidhyanathan; Boga, Krishna Mohan*; Kandimalla, Divyabramham
900	Circularly Polarized Minkowski Fractal Slot Antenna for 2.45GHz ISM Band Application	V, Vanilakshmi*; Shiju , Aswin; K Raj, Rohith; Mathew, Thomaskutty

901	AJ-Shaped Flexible and Transparent FSS for EMI Shielding Application in ISM Band	Thulasiraman, Jayanandan; Alex, Zachariah C*
902	Microwave Sensor Design for Dielectric Characterisation of Liquids	Ganie, Gulzar*
903	A Compact Dual-Band Metamaterial Absorber for GHz-Band Wireless and Electromagnetic Compatibility Applications	Elangovan, Vinoth*; Kottaimuthu, Malaisamy
904	Smart Monkeypox Detection and Outbreak Tracking Using Graph Analysis and Deep Learning	Tippana, Chalapathi*; Sameera, Dhavala; Jyothi, Sadhu; Silla, Gnana Sai; Shaik, Yasin; Tirlingi, Deepthi
905	Phase-Reconfigurable Sub-6 GHz 5G RIS Unit Cell with Varactor-Based Continuous Tuning and PIN-Diode-Based Dual-Band Switching	Sobhage, Vaibhav*; Abegaonkar, Mahesh; Pandhare, Rashmi; Peshwe, Paritosh
906	Design and Synthesis of a 2.45 GHz Filtering Antenna Using Hairpin Resonators and Defected Ground Structure	Patana, Karthikeya*; Kumar, Suresh ; Kumari, Runa; Krishna, Suneel
909	Seizure Detector and Monitor	Ravuri, Viswanadham*; Sarayu, Anumalla; Sowmya, Gajula; Jhansi, Pamu; Sowmya, Nyalam
912	Design of a Metasurface-Based Leaky-Wave Antenna for Sub-Terahertz 6G Wireless Communication	Narayan, Shiv*; M, Vishnu ; Nair, Raveendranath U
914	A comprehensive study on signal classification using ML techniques	Pavan, Dr.I.Krishna*; Kareem, Ananda Kumar ; Krishna, RVNR Suneel; Pallavi, D; Zeeshan, M
915	A Miniaturized Slotted Circular-Shaped Antenna Operating at 2.45 GHz for Bio-Telemetry Applications	Yadav, Ala Daksha*; Mounika, Konda; Diwakar, Karri; Moirangthem , Santoshkumar Singh
919	Design and modelling of Memristor based crossbar switch design for Neuromorphic computing & applications	Reddy, T. Vasudeva *
920	Design of Beam Scanning Inset Feed Patch Antenna using Butler Matrix for Surveillance Applications	Vaishnavi, Kodam*; Gangapuram, Mani Teja; Namindla, Sravan Kumar; Shams, Amiruddin; Bharathi, Dr. A.; Reddy, G. Ravi Shankar
922	ROC and SNR Improvement of Quantum Radar using a three-JPA system	Tripathi, Ujjwal*; Kumar Singh, Amit
924	Efficient Computation of Legendre Moment using Schlick's Approximation	Pandey, Vishal*; Vyas, Ajay Kumar
925	A Novel Diagonal-Enhanced Hamming Code for Efficient Detection and Correction of Multi-Bit Errors in High-Reliability Memory Architectures	Reddy, T. Vasudeva *
928	Drought Prediction Using ML and Weather Data for Agriculture	K, Uday Kumar Reddy; P, Hari Krishna ; Linga Reddy , Harshitha*; Bandapalli, Likhitha; Pagidipalli, Koushik Reddy; Pennabadi, Abhisekham Reddy
929	Micropocket-Integrated Self-Quadruplexing Antenna Backed by SIW for Multiband Operation	Perumal, Vaishali*; Dash, Sounik Kiran Kumar; Chi, Yu-Jen
930	AUTOMATIC ANESTHESIA CONTROL SYSTEM USING ARDUINO UNO	Joshi, B*
931	Investigation of Metasurface Behaviour Using Machine Learning Techniques for Electromagnetic Shielding Applications	Chinglemba, Shougaijam*; Mondal, Kalyan; Sharaju, Thingbaijam; Vardhan, Ganji Harsha ; Kant, Rajini; Anas, Cheshabam
932	A Low-Profile and Ultra-Wideband Transmissive Linear-to-Circular Polarization Converter Based on Ring-Loaded Crossed-Dipole Metasurface	Gupta, Karan; Tripathi, Ujjwal*; Kumar Sinha, Shailendra; Kumar Singh, Amit
933	Signal Integrity Challenges and Design Strategies for OSFP Interconnects at 112G/224G PAM4 Data Rates	Kahar, Manisha*; K, Rakesh; Karunan, Anoop
934	Arduino GPS Tracker with Real Time Location on Web Dashboard	Poloju, Naveen*; Burugu, Swetha; Banothu, Chandra Shekar
935	Optimization of Impedance Bandwidth of a Planar Monopole Antenna Using Machine Learning Technique for Wireless Application	Chinglemba, Shougaijam*; Mondal, Kalyan; Sharaju, Thingbaijam ; Sri Gowri, Seelamreddy Mamtha ; Kumar, Jitendra; Singh, Deeksha
936	Inverse Design of Patch Antenna Geometry based on S11 using Nearest Refinement Algorithm	Sharan, Vishwajeet; Das, Rhiddhi*
937	Comparative Analysis Between Series Fed Patch Arrays and Holographic Metasurface Antenna for mmWave Radar Applications	Kichouliya, Saurabh*; Mishra, Piyush Kumar; Sarkar, Debdeep

938	Design of a Compact 2.7 GHz Filter-Integrated Hybrid Rat-Race Coupler for High-Power RF Amplifiers	GORRE, PRADEEP*; Peddarapu, Hima Bindu ; Pelluri, Sambaiah
939	Dental Cavity Detection Quest For Effective Treatment-Ai Based Yolov12	Sushmitha, Gulivindala*; Kumar, V. Ashok; V. Tejeswari, P Sirish; Manikanta, s; Kumar, R. Sethumadhav; Manohar, T.V
941	Robust Object Classification and Localization under Adverse Weather Conditions	G, Uday Kiran*; B, Divya; A, Usha; Ch, Bhavya Sri; M, Mounika; H, Bhagya Laxmi
944	Innovative Deep Learning and Image Processing Techniques for Enhanced Prostate Cancer Imaging and Detection	B, Sridhar*
945	Design of Antipodal Vivaldi Antenna for Ultra-Wideband Applications	B L V, Gnaneshwar Reddy; B R, Sanjeeva Reddy; kareem, Ananda Kumar*; Guthi, Srinivas; S, Naga Tejeswar Reddy; RVNR, Suneel Krishna
946	Analysis of an Asymmetric Slotted Microstrip Patch Antenna with Circular Polarization for Sub-6 GHz Applications	DARIMIREDDY, NARESHKUMAR*
949	Simulation Analysis of Implantable Dual-Band Antenna for 2.42 GHz and 3.5 GHz Biotelemetry Application	Moirangthem, Santoshkumar Singh*; V, Manikanta; V, Surya Prabhas; Shariff, Md. Sohail
950	Integrated Filtering and Sensing with a Compact Tripple Stub-Loaded SRR-Based Bandpass Filter	Shaw, Sneha*; Biswas, Swapnaleena; Mondal, Supratim ; Karak, Soham; Ganguly, Malay ; Sen, Gobinda
951	A Single Layer Corporate-Fed 2x2 Slot Array Antenna Using Ridge Gap Waveguide Technology at 30GHz	Devarai, Sai Shivani *; Karun, Kodavath; Shams, Amiruddin; Bharathi, Dr. A.; Reddy, G.Ravi Shankar
952	Deep Learning-Driven User Grouping and Dynamic Power Allocation for Downlink NOMA over Diverse Fading Channels	Tatikonda, Neha Kiran*; Spoorthi Chandrika, Rajarapu; Sai, Korra; Sreenu, Sunkaraboina
953	An Intelligent mmWave Radar Sensing Framework for Material and Thickness Estimation in Industrial Environments	M., Venkata*; D. , Ramesh Varma; Y., Veera Sai Sindhu; P., Aasritha Ramani; V., Sravya Lakshmi Tulasi; G. , Challa Ram
954	Single-Head Attention LSTM for Remaining Useful Life Prediction of Lithium-Ion Batteries	Siddardha, Marpu*
955	Contrasting Design Paradigms for Low-Noise Amplifiers: Analog vs. Microwave Approaches	Kahar, Manisha*; Ray, Arup
956	MICROWAVE SWITCH BASED ANTENNA DESIGN AND VALIDATION FOR MULTI-BAND RECONFIGURABLE APPLICATIONS IN WIRELESS COMMUNICATIONS	Deepa, Bammidi ; Roopa, Bammidi ; Syamala, M; Sandeep, Ram*; Santosh Kumar , Gujjala ; Sanjay Kumar , Kona
957	A Review and Comparative Analysis of YOLO Models for Automated Helmet Detection in Traffic Surveillance	Nimbarte, Nita*; Dhabare, Samprada; Telote, Gaurav; Tiwari, Archana
958	Design and Analysis of Varactor-Tunable Unit Cell Using Characteristic Mode Analysis	Kaundal, Rishav *; Reddy, G Shrikanth
959	Text Similarity Microservice using NLP and Docker	G, Uday Kiran*; V, Srilakshmi; S, Manideep Yadav; P, Pruthvi Reddy; M, Mounika; B, Veerasekharreddy
960	Smiley slotted Conformal Antenna Analysis Using Flexible Materials for mm-Wave	K, Pritha Gayathri*; A, Safana Amala Yazhini; T, Shanmuganantham
961	BREAST CANCER DETECTION USING FLEXIBLE ANTENNAS	Spoorthi, Tejaswi*
962	Microstrip Transmission Line Based Gaussian Pulse Generator with Low Ringing for the UWB Radar	P V, Anila*; Ghosh, Soumyadeep ; Dey, Sukomal
963	Low Earth Orbit Satellite Networks for Disaster Communication	Boinapalli, Varsha*
964	Isolation-Enhanced Wide-Band Printed Monopole MIMO Antenna for GPS L1 and 5G NR n41	Patel, Shrey*; Pandit, Vivek; Javith, Mohammed
965	Compact Design of a 14 Array Elements Dual-Band Microstrip Antenna for WiFi and Satellite Applications	sekhar, raja*
966	Zoonotic Risk Level Prediction from Livestock Health Symptoms Using Machine Learning Techniques	bendalam, vijay*
968	TruthVision - Stress Detection from Micro Expressions Using Facial Landmarks and LSTM Networks	G, Uday Kiran*; N, Ravali; M, Mounika; P, Samuel ; P, Sriram Raju
971	Design of In-Line Triple-band Substrate Integrated Waveguide Bandpass Filter	RVNR, Suneel Krishna*; Karem, Ananda Kumar; B R, Sanjeeva Reddy; Dubey, Sanjay; A, Krishna Chaitanya; S, Yuvaraj

973	Neural Radiance Field-Based Talking Face Avatars for Realistic Audio-Visual Synthesis	G, Uday Kiran*; V, Srilakshmi; Nama, Nikhil; T, Bhavyasri; Viyyuri, Karthik
974	SIW Backed Compact MIMO Antenna for V2X Communications	Jyothish, Hriday*; Sasikumar, K. Sajala; Jacob, Aneena; Kumar Dash, Sounik Kiran; Chi, Yu-Jen; Sharma, Indra Bhooshan
977	Design of Low-Noise Amplifier Using Reactive Matching Network	Singh, Rajesh*; Lahari, Pragnya
979	A Hybrid BiLSTM–Ensemble Learning Framework for EEG-Based Epileptic Seizure Detection and Prediction	Divvala, Chiranjevulu *; Swapna, Manapalli ; Saikiran, Vagadi ; Mohan Laxmi Ramana, Majji ; Eswarsai, Amity ; Jaya, Eppili
980	Progressive Design and Implementation of Compact 8-Bit Chipless RFID Tags Using Defected Ground Structures for Improved Notch Performance	Chaudhari , Shreyas Nilesh ; Huljute , Somesh Pradeep ; Karnik, Ameya Mukul ; Athreya, Krishna Pradeep; Rano, Dinesh*
981	EBPSO-Based Intelligent Framework for Accurate Multi-Tumour Localization in Breast Cancer Diagnosis	KUMAR, DHUPAM *; K, Meghana; k, Hima Bindhu ; G, Vinay Babu ; G, Anand Kumar
982	Machine Learning–Based Modeling of a Dual-Band FSS Unit Cell for Sub-6 GHz 5G and WLAN Applications	KUMAR, DHUPAM *; G, Vikranth ; P, Bhavya Sri ; M, Janaki Ram ; K, Vamsidhar
984	Design of a Self-Isolated Wearable 4-Port MIMO Antenna for 5G Applications	KOTHAVARI, PRABHU KUMAR*; Nuthakki, Venkata Rajasekhar ; Duru, Ratna Kumari; T, Venkataratnam
985	Design of a Spoof Surface Plasmon Polariton UWB Antenna for 5G and Beyond Applications	Rai, Vikas; Peshwe, Paritosh*; Harkare, Ankita; Nella, Anveshkumar
986	A Circularly Polarized Microstrip Antenna with Dual-layer Airgap Structure for 5G Communication	Hazra, Ayush ; Saha, Samiha ; Choudhary, Dilip*
988	Compact Dual-Band Bandpass Filter for GPS and Radar Application	Krishna, Raghav ; Choudhary, Dilip*
989	A Microstrip Line based Planar Wideband Bandpass Filter for 1.5– 4.5 GHz RADAR Module	Ghosh, Soumyadeep*; Dey, Sukomal
991	Qnet: A dl approach to classify brain tumor detection using radiological images	Prakasa Rao, Dasari*; Duddu, Savitramma ; Sai, Janapareddi; RajyaLakshmi , Challa ; Umamahesh, Jarjana; Terlapu , Panduranga Vital
992	Log-Periodic Monopole Antenna for Wideband Applications	Adireddy, Naveen*
993	Design of Dual-band SIW Bandpass Filter with High Selectivity	Karem, Ananda Kumar; RVNR, Suneel Krishna*; B, Naresh Kumar; Chetia, Gouri Shankar; Das, Jayshree; Deshpande, Ramesh
995	Development of K-Band MIMO Antenna Array with Integrated Radome for Automotive Radar Applications	Chandramohan, Neha *; Sudarshan, Paridhi ; A, Mahesh; Sarkar, Debdeep
996	Tunable Metasurface for Simultaneous Surface-Wave and Plane-wave Absorption	VIGNESH, S J*; RANGULA, MADHUSUDHAN GOUD; K, KRISHNAMOORTHY; H, PRASHANTHA KUMAR
997	A Miniaturized Triple-Band Monopole Microstrip Antenna for Sub-6 GHz Applications	MADASU, THARUN*; Vantakala, Bhavani
1001	A Spatio-Temporal Hybrid Deep Learning Framework for Accurate Brain Tumor Detection and Segmentation in MRI Video Sequences	Sakhare, Dr. Swati *
1002	Design of Intraoral Differential Antenna for Communication Driven Based On Tongue Controlled Assistive Devices	Ahlawat, Sarita*
1003	Intelligent Multi-Zone Rescue Monitoring System Using NI myRio and LabVIEW	SHAFI, SHAIK*
1004	Design and Analysis of a Dual-Band MIMO Antenna for C-band and X-band Applications	Gupta, Akash Kumar*
1005	DESIGN AND PERFORMANCE ANALYSIS OF AN EIGHT-PORT PATTERN-DIVERSE SUPERWIDEBAND MIMO ANTENNA FOR BROADBAND WIRELESS APPLICATIONS	Chowdhury, Adrishikhar*; Mal, Sounak
1006	A Single and Dual-Band Band-Pass Filter Design Using Square-Slot Frequency Selective Surface	PEETHA, SUBRAHMANYAM*
1007	Design and Development of 5G Driver Amplifier and it's Application to Design Doherty Power Amplifier	Zaidi, Aijaz*; Kanujia, Binod; Ahmad , Ahmad ; Rawat, Karun
1008	Feasibility-Driven Hyperuniform Synthesis of Multiband Shared-Aperture Antenna Arrays	Praveen, Gedala*; Srivastava, Satish; Harish, A.R.
1009	A 1-Bit Broadband Reconfigurable Intelligent Surface for 5G Millimeter-Wave Application	Prasad, Santosh*; Kumar Singh, Amit; Kumar, Akhilesh

1010	A Miniaturised Triple Band Antenna with Improved Transmission Efficiency using a Dual Band Impedance Matching Layer	Banerjee, Sanjana*; Dey, Sukomal
1011	Intrusion Detection in a Smart Grid Scenario using Gradient Boosting Machine Learning Algorithm	Pavan, Dr.I.Krishna*; Karem, Ananda Kumar ; Krishna, RVNR Suneel ; Papagari, Prasanna ; Miryanam, Manish Kumar ; Malkapuram, Dhanush
1012	modes generated by the three segment Stacked Rectangular Dielectric Resonator Antenna for C-Band Applications	Lakshmi Narayana, Dwarapu*; syamala, misala ; Kiran , S S; Darimireddy , Naresh Kumar
1014	Multi-Scale Attention Guided CNN-Transformer Framework for Facial Emotion Recognition	K, Purushotam*; E, Upendra Reddy; B, Janardhana Rao
1015	Detection and Accurate Range Prediction of Moving Targets in Real-Time using MIMO Enabled FMCW Radar System	Muthu Kumar, Hari Vignesh; Selvagandhi, Murugan; Boga, Krishna Mohan*; Kandimalla, Divyabramham
1016	Intelligent Wireless Computing Framework for Cost, Quality and Risk Management	Shrivastava, Gitanjali ; Pankajam, A.; G, Mamatha ; Gupta, Ankur*; Bahra, Raman Puneet Singh ; Varshney, Sudeep
1017	Design of a Varactor-Based RIS Unit Cell with Wide Phase Tunability and Angular Stability for Sub-6 GHz 5G Applications	HANNAN, MOHAMMAD*; Ghosh, Saptarshi; Bhatnagar, Manav R.
1019	AI-Based Upper-Body Humanoid Interface	Anand, Rohit*; Kumar, Mamta; Sharma, Pramil; Ari, Rita; Singh Bahra, Raman Puneet; Varshney, Sudeep
1020	ML-Driven Optimization of Secrecy Rate in Filter Antenna Design for 6G Applications	Sharma, I. *; Kumar, Romit; Singh, Aryan Kumar; Srivastava, Parth; Kumar Dash, Sounik Kiran
1021	A High-Efficiency Series Fed Patch Antenna with Extended Ground Plane for 60 GHz Applications	A, Praveena*
1022	Smart Wireless Information Systems for Performance Monitoring and Management Decision Support	Talukdar, Veera ; Shrivastava, Gitanjali ; G, Mamatha ; Gupta, Ankur*; Varshney, Sudeep ; Bahra, Raman Puneet Singh
1023	Design of a Dual-Band IBFD Antenna Using Stacked Substrates for Enhanced Isolation	Dalal, Priyanka; Abegaonkar, Mahesh P.*
1024	Slotted Resonator based Microwave Sensor for Non-Invasive Monitoring of Blood Glucose Level	Ganie, Gulzar*
1025	STAR-RIS: Applications, Physical Layer Security Aspects and Practical Design Challenges	Ponnan , Arshya *
1026	WeatherGuardNet: A Self-Evolving Diffusion-Based Perception Model for Extreme Weather Object Detection	G, Uday Kiran*; A, Usha; Khan, Shahid; M, Dedipya; N, Vinay Sai Kalyan; M, Mounika
1027	Design and Analysis of Passive 1-bit RIS for Sub-6 Ghz Indoor Wireless Coverage Enhancement	Begum, Mehnaz; Qureshey, Dr. Nazeerunnisa; Naaz, Dr. Ayesha ; Gavandi, Yusra*; Hurmath, Syeda Rukhaya; Khan, Md. Abdul Raheem
1029	Sierpinski Carpet Fractal Antenna for Multiband Application	Anand, Rohit*; Roy, Manidipa; Vaid, Swati; Beja, Satish Kumar ; Singh Bahra, Raman Puneet ; Varshney, Sudeep
1030	Design and Fabrication of a mm Wave Squared Stepped Helical Antenna Using Additive Manufacturing	Bharadwaj CV, Madhwesh*; G. S, Dr Karthikeya ; M N, Nandan ; Kasyap, Abhiram
1032	A High-Gain Reflector-Backed Ultra-Wideband Antenna for GPR Applications	Pradeepika, Onteddu ; Harish, R. Naga Sai ; Naren, Nikhitha ; Vaishnavi , Akkula S. ; Sarkar, Debanjali*; Shome, Partha P.
1033	AI Powered SQL Query Builder From Natural Language Input	G, Uday Kiran*; V, Srilakshmi; B, Priyanka; N, K Chaitanya; S, Revathi; T, Yamini
1036	A Graphene-Based Octagonal Patch Quad-Element THz Antenna Array with PBG for Short-Range Indoor Communications	KUMAR, PAWAN*; Pandey, Govind Kumar ; Mishra, Pragnya Pragatika
1038	Square loop slotted Leaky Wave Antenna for K/Ka band Satellite Communication	A, Safana Amala Yazhini; K, Pritha Gayathri*; T, Shanmuganatham
1040	A Wideband Circularly Polarized CPW-Fed Antenna using an Asymmetric Circular Ground Slot for IoT Applications	Nayak, Sasmita*; Mishra, Sanjeev; Muduli, Ankit
1042	Design Of Square Slotted Microstrip Antenna for X and Ku Bands	GANESH, DAMMU *
1043	A Low Profile AMC Loaded CPW-Fed Monopole Antenna for Sub 6-GHz 5G Application	Javith, Mohammed*; pandit, vivek kumar; Pujara, Dhaval
1044	Robust Object Detection in Low-Visibility Environments Using Vision-Language Models	G, Uday Kiran*; P, Honey Diana; Ch, Sai Akshitha; B, Mokshit Sai Sreeram; B, Nikhitha Sree

1046	Deep Learning–Based Inverse Design of Single- and Dual-Band Frequency Selective Surfaces	Suryawanshi, Peeyoosh*; Waheed, Murtaza; Kushmanda, Saurav
1048	An Automated Feedback Intelligence System for Public Welfare Scheme Assessment	G, Uday Kiran*; B, Divya; Sanapala, Srinuvasarao; V, Srilakshmi; A, Rishith Goud
1049	Low-Complexity Hybrid Detector Cooperative Spectrum Sensing Using hybrid modulation for 6G Cognitive Radio Networks	Pant, Pallavi*; Kaur, Jaspreet ; Srivastava, Neelam
1051	A Compact Metamaterial Based Microwave Sensor For Bio-Sensing Application	Roy, Parna*; Pal, Rajdev; Nandi, Rishav; Sengupta, Arjab; Mondal, Supratim; Gangopadhyaya, Malay; Sen, Gobinda
1053	Design and Equivalent Circuit Modeling of 198 GHz Microstrip Patch Antenna for Sub-THz Wireless Applications	Gajula, Mahendar*; Sahu, Kedar Nath ; Mohapatra, Sumant Kumar
1054	Design and Practical Implementation of Circularly Polarized Antenna System on Satellite for AIS Application	Kumar , Nagendra*
1055	Design and Analysis of an SIW Cavity-Based Ring Patch Antenna for Millimeter-Wave Applications	Manda, Rajasekhar*; Ravula, Ramprasad
1058	Low Insertion Loss Cavity Backed SIW Bandpass Filter for Satellite Transponder at C band	Bhadauriya, Anchal Singh ; Goswami, Nishita; Khandelwal, Kritika ; Tewari, Nidhi*; Srivastava, Shweta
1059	PERFORMANCE ENHANCEMENT OF A CPW-FED CIRCULARLY POLARIZED ANTENNA USING A REFLECTIVE FREQUENCY SELECTIVE SURFACE	V, Bharathi*
1060	Design and Analysis of a Compact CPWG-Fed UWB Slot Antenna with a Novel Structure	Varshney, Hemant *; Sharma, Nikhil; Kumar Jhariya, Dharmendra
1062	A New Design and Modal Analysis of Rectangular Dielectric Resonator Antenna for Dual-Wideband Characteristics	Dutta, Koushik*; Chatterjee, Anirban; Mishra, Mohit; Mitra, Raj
1064	Low Pass Filter Using Ridge Gap Waveguide Technology For X band Applications	Sravani, Bhukya*; Shams, Amiruddin; Bharathi, Dr. A.; Reddy, G.R avi Shankar
1066	Slits and Slots Loaded Rectangular Microstrip Patch Antenna for Mid-Range 5G Energy Harvesting Applications	Surender, Daasari*; Khan, Taimoor; Talukdar, Fazal Ahmed; Ramakrishna, Dasari
1067	A Compact Dual-Band Linearly Polarized NavIC Antenna with MIMO Diversity for Laptop Integration	D, Suhas*; Bhattacharyya, Satyajib
1068	A Compact Millimeter-Wave Circularly Polarized Antenna Design For IoT Applications	Nandipamula, Nireekshan; Shome, Partha*; Chakradhar, Adupa ; Dhara, Pradeep ; Rithish, Pashikanti ; Sarkar, Debanjali
1069	SINGLE-BAND GRAPHITE MATERIAL BASED TERAHERTZ ABSORBER WITH STRONG NARROW BAND RESONANCE	Thurakapalli, Srinivas*; MANIKONDA, VENKATESWARARAO
1070	Array of Sub-arrays to Model Phase Gradient Metasurfaces	Rana, Sylvie*; Mishra, Rishi; Harish, A. R.
1071	Design and Simulation of Graphene based Wideband Terahertz Absorber	Bansal, Aarti*; gupta, Hitender; Khanna, Rajesh; Sidana, Nishtha ; Sidhu, Doreen
1073	Permittivity Extraction of a Flexible Belt Substrate via Microstrip Patch Antenna Resonance Analysis	Tirunagari, Anilkumar*
1074	Mutual coupling reduction in a closely spaced MIMO antenna by using parasitic element and Hybrid ground plane	Panda, Barsa*
1076	Gaussian Process Regression-Based Surrogate Modelling for Dual-Band Antenna Miniaturization	Kulkarni, Jayshri*
1077	Optimization Design, Static and Model Analysis Aircraft Fuselage Using Various Materials with Fem	Kumar, Prasanth *
1081	An Ensemble and Deep Neural Network-Based Model for Air Quality Index Prediction in Urban Environments	Pradhan , Debasish ; Panigrahi , Rasmita ; Padhy, Neelamadhab*
1082	Machine Learning–Based Satellite Collision Risk Prediction Using K-Nearest Neighbors with Mahalanobis Distance under Imbalanced Data	Vedantam, Sri Vishnu Charan*; Ramadali, Venkatesh; Ahmed, Sabuz ; M, Manju Bhargavi; Kalam, Swathi
1083	Quantum Neural Network (QNN) for Fraudulent Review Detection in E-Commerce	M, Swathi*; Ch, Venkatesh; Ch, Praneeth; B, Krishnaveni; D, Rohitha
1084	Ultra-tunable dual-band metamaterial graphene for high performance THz communication	MANIKONDA, Dr VENKATESWARARAO*
1085	Quantum-Enhanced Image Processing using Amplitude Encoding	M, Swathi*; A, Tharun; C, Divija; B, Aravind; D, Akhila; S, Akshaya

1089	Breast Cancer Detection Using PCA-Enhanced SVM: A Comparative Study with Random Forest and K-Nearest Neighbors	Choudhary, Riya*; Rajana, Susmitha Naidu; Perla, Ruchitha; Lakinana, Bhupathirao; B V D S, Sekhar
1090	Phishing URL Detection Using a Locally Deployed Gradient Boosting Pipeline with URL-Intrinsic Features	Sunkari, Pravallika Durga *; B, Dinesh Reddy; Ch, Bhargavi
1091	Performance of PCA on Classification of skin Cancer Model	Choudary, Riya*; Rajana , Susmitha Naidu; Maharshi, Manohar; jyotshnasree, surarapu; Buddha, Sri Thrailokya; Gorle, Monisha
1092	Compact Planar and Conformal Monopulse Comparator for UAV and Aircraft Tracking	K, Hrijith ; Dey, Sukomal *
1093	Impact of C-Shaped Parasitic Patches with Varactor Diodes on Wideband Aperture-Coupled Antenna	V, Nandana ; V, Anjitha*; Dey , Sukomal
1094	Governance, Safety, and Policy Enforcement Mechanisms for Agentic AI Control in Autonomous and Programmable 6G Radio Access Networks	Rallabandi, Bhaskara Raju*; Mahadasu, Siva Sudheer ; Gattupalli, Krishna Kumar ; Shaik, Aashish Sandani
1095	Intent-Driven Self-Optimizing AI-RAN Architecture for Performance Assurance and Autonomous Operation in 5G and 6G Wireless Networks	Rallabandi, Bhaskara Raju*; Mahadasu, Siva Sudheer ; Srinivasa Ramanujan, Ashwin ; Abdul, Zubair Abdul
1096	AI-Native Joint Communication and Sensing for 6G Networks: Architecture, Learning Loops, and Resource Coordination	Rallabandi, Bhaskara Raju*; Cherladine, Karthick ; Gudla, Neelakantam; Mahadasu, Siva Sudheer