

Published Patents			
IPO ID	Invention Title	Name(s) of the Inventor(s)	Date of Publication
SENSE			
201941048016	IoT based Power Theft Detection System	1. Umakanta Nanda, SENSE, VIT-AP, Amaravati 2. Asis Kumar Tripathy, SITE, VIT, Vellore 3. Nitin K Mucheli, BTech, ECE-VLSI, VIT-AP 4. Javendra Kumar, SENSE, VIT-AP	06-12-2019
202141017964	Retrofitted Energy Meter with Smart Embedded Module	Mr. G. Pradeep Reddy, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University	30-04-2021
202141026739	Smart Electrical Measurement System	Mr. N. Revanth Sai, VIT-AP University Dr. D. John Pradeep, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. Ch. Pradeep Reddy, VIT-AP University	25-06-2021
202141026736	Smart Management of Food Storage and Waste Reduction using Blockchain Technology	Biswajit Baral, SIT, Bhubaneswar Umakanta Nanda, VIT-AP University Kiran Kumar Potnuru, CTS Annapurna Mishra, SIT, Bhubaneswar S. Mohan Biswal, SIT, Bhubaneswar Sachin Kumar R., SIT, Bhubaneswar	25-06-2021
202141026730	Reconfigurable IP Core for Real-time Estimation of 3- ϕ Sequence Components	Dr. Praveen Kumar, VIT-AP University	25-06-2021
202141026734	Social Distancing Alert System using Deep Learning	Dr. Mohan Bansal, VIT-AP University Dr. Prateek Jain, VIT-AP University Dr. Rajeev Sharma, VIT-AP University	25-06-2021
202141026735	Digital Twin System for Automatic Indoor Localization and Control Through ISM Band Signals	Dr. Prateek Jain, VIT-AP University Mr. Abhishek Sharma, LNM IIT, Jaipur	25-06-2021
202141028084	VDBA Based First Order All Pass Filter and its Applications	Dr. Gurumurthy Komanapalli, VIT-AP University Dr. Priyanka Gupta, Delhi Technological University	02-07-2021
202141026720	Z-Shaped Gate Horizontal Pocket Dielectric Modulated Tunnel FET (ZHP-DM-TFET) Based Biosensor	Dr. Deepak Kumar Panda, VIT-AP University Mr. N. Nagendra Reddy, VIT-AP University	02-07-2021
202141026722	E-DOC: A Tele-Health Kiosk	Ms. Plabini Jibanjyoti Nayak, VIT-AP University Mr. Kudipudi Rajesh Sai, VIT-AP University Mr. Niket Chandil, VIT-AP University Dr. Anoop Kumar Mishra, VIT-AP University	02-07-2021

202141026729	A Novel Method to Harvest Energy from Heat Generated in Two-Wheeler for Electrical Use	Dr. Arun Kumar Sinha, VIT-AP University	02-07-2021
202141026724	WAPADS – Water Prognosis and Decentralization System	Mr. V. Bharath Kumar, VIT-AP University Mr. Maddikera Kalyan Chakravarthi, VIT-AP University	02-07-2021
202141029303	SANISHIELD (Automatic Sanitizer Dispenser with Battery Backup)	Mr. Kamalesh Kumar K, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	09-07-2021
202141030637	Multimeter on Gloves	Mr. N. Revanth Sai, VIT-AP University Dr. D. John Pradeep, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. Ch. Pradeep Reddy, VIT-AP University	23-07-2021
202141030639	An Implementable Bipolar Active Charge Balancing Circuit with Six Adjustment Current for Facial Para	Mr. Ganesh Lakshmana Kumar Moganti, VIT-AP University Mr. Velagapudi Naga Siva Praneeth, VIT-AP University Dr. Siva Rama Krishna Vanjari, IIT Hyderabad	23-07-2021
202141032539	Smart Water Bottle with Embedded TDS Indicator	Dr. Purnachand Nalluri, VIT-AP University Mr. Kothala Mohan Kumar, VIT-AP University Mr. Pulavarthi K.V. Anirudh, VIT-AP University Mr. G Saket Kumar, VIT-AP University	30-07-2021
202141032542	Apparatus for Contact Based Dishwashing System	Dr. Purnachand Nalluri, VIT-AP University Mr. Kothala Mohan Kumar, VIT-AP University Mr. Pulavarthi K.V. Anirudh, VIT-AP University Mr. Paruchuri Dinesh Sai Teja, VIT-AP University	30-07-2021
202141034119	CONVLSTM U-Net for Real Time Speech Enhancement	Dr. Sunnydayal Vanambathina, VIT-AP University	06-08-2021
202141037214	VOLTAICON - Break Free Backup Power System	Mr. Kamalesh Kumar K, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	27-08-2021
202141037200	Smart Spy-Camera Detector Using Drones	Dr. Purnachand Nalluri, VIT-AP University Mr. Kothala Mohan Kumar, VIT-AP University Mr. Paruchuri Dinesh Sai Teja, VIT-AP University	27-08-2021

202141037210	Redundant Anomaly Enumerator for Smart Home Energy Consumption Data	Mr. K. Purna Prakash, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University	27-08-2021
202141038646	Intelligent Instant Water Heating System	Dr. Purnachand Nalluri, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Mr. Kudipudi Rajesh Sai, VIT-AP University Mr. Niket Chandil, VIT-AP University Mr. Mohammed Farukuddin, VIT-AP University	10-09-2021
202141038645	Smart Power Saving Refrigerator with Individual Shelf Closing Doors	Dr. Umakanta Nanda, VIT-AP University Ms. Srikurum Hari Chandana, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University	10-09-2021
202141038641	A Hybrid Charge Balancing Technique with Adaptive ETI Impedance Variations for Facial Paralysis Patients	Mr. Ganesh Lakshmana Kumar Moganti, VIT-AP University Mr. V. N. Siva Praneeth, VIT-AP University Dr. Siva Rama Krishna Vanjari, IIT Hyderabad	10-09-2021
202141040275	Automated Drone with Pesticide and Fertilizer Sprayer	Mr. Ramireddy Karthik, VIT-AP University Dr. Deepak. Ch, VIT-AP University	24-09-2021
202141040277	An Intelligent Multi-Vital Signs and Glucose (iMVGLU) Measurement Device for Smart Healthcare	Mr. M. Naresh, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University	24-09-2021
202141055123	IoT Based Industrial System for Smart Monitoring of Motor Using Synchro	Dr. Deepak Ch, VIT-AP University Ms. Perigisetty Vedavalli, VIT-AP University	10-12-2021
202141057902	A Side Mirror Water Droplet Removal System Using Controlled Pressure Regulator	Mr. Chinthamaneni Neelesh, VIT-AP University Mr. Apata Dhana Sai Teja, VIT-AP University Mr. M. Sri Sessa Sai Manoj, VIT-AP University Mr. M. Naresh, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University Dr. Umakanta Nanada, VIT-AP University	24-12-2021
202141057904	SEPIC & Inverter Based Photovoltaic Maximum Power Point Tracking System Using LPC 2148 & PIC16F87	Mr. Shreyas Rajendra Hole, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	24-12-2021
202141057911	A 1.4 dB NF Dual Current Reuse Based Low Noise Amplifier (LNA) Design	Mr. Ganesh Lakshmana Kumar Moganti, VIT-AP University Dr. Siva Rama Krishna Vanjari, IIT Hyderabad	24-12-2021

202141057906	Quarter Cavity Extended Source Vertical Dielectric Modulated TFET (QESV-DM-TFET) Based Biosensor	Mr. Nelaturi Nagendra Reddy, VIT-AP University Dr. Deepak Kumar Panda, VIT-AP University	24-12-2021
202141058600	Apparatus for Automatic Composite Machine Based Vertical Farming	Dr. Purnachand Nalluri, VIT-AP University Ms. R. Porkodi, VIT-AP University	31-12-2021
202141058599	Filter Design for Improvement of Terminal Voltage of Electric Vehicle Charging Station	Mr. Sugunakar Mamidala, VIT-AP University Dr. Arvind Kumar Prajapati, VIT-AP University	31-12-2021
202241000120	An Approach for Change Detection Method to Remote Sensing Images using Deep CNN	Ms. Chafle Pratiksha Vasantrya, VIT-AP University Dr. Neha Gupta, VIT-AP University	14-01-2022
202241001400	Digital Lacto Comparator	Mr. V. Bharath Kumar, VIT-AP University Dr. Purnachand Nalluri, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University	21-01-2022
202241001398	Memory Displaying USB Adaptor	Mr. R. Ashwin, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. Nalluri Purnachand, VIT-AP University Dr. D. John Pradeep, VIT-AP University	21-01-2022
202241001393	Smart Heating Chamber Based TDS Controller for RO Purifier	Dr. Nalluri Purnachand, VIT-AP University Mr. Manepalli Venkata Nageswara Rao, VIT-AP University	21-01-2022
202241001424	Connector Mating Cycle Counter	Dr. Y. V. Pavan Kumar, VIT-AP University Dr. Nalluri Purnachand, VIT-AP University Dr. D. John Pradeep, VIT-AP University Mr. V. Bharath Kumar, VIT-AP University	28-01-2022
202241001425	Comprehensive Model of Renewable Energy Based Microgrid for System Level Control Studies	Dr. Y. V. Pavan Kumar, VIT-AP University Mr. K. Sandeep Rao, VIT-AP University	28-01-2022
202241001426	Artificial Neural Network Based Virtual Inertia Injector for Effective Speed Control of DC Compound Motor	Dr. Y. V. Pavan Kumar, VIT-AP University Mr. D. Sree Vishnu Vardhan, VIT-AP University Mr. D. Raghava Sai Phanindra, VIT-AP University	28-01-2022

202241001420	Height Adjustable Bucket	Dr. Purnachand Nalluri, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Mr. Dinesh Sai Teja Paruchuri, VIT-AP University Mr. Gunda Sai Srivatsa, VIT-AP University	28-01-2022
202241001421	PATOSAP (Photon Assisted Therapeutic Orthotic Sole for Alleviating Psoriasis)	Mr. Maddikera Kalyan Chakravarthi, VIT-AP University Dr. Madhusudhana Rao N, VIT-AP University Dr. Ambuj Sharma, VIT-AP University	28-01-2022
202241001418	Heart Disease Prediction Model Based On Herding Exploring Algorithm with Light Gradient Boosting	Girish S Bhavakar, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	28-01-2022
202241001413	Human Intervention Free Smart Delivery Box	Mr. Mohammed Farukuddin, VIT-AP University Mr. Pothuraju Balaji, VIT-AP University Dr. Purnachand Nalluri, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University	28-01-2022
202241005811	Quarantine Checker and Medical Database Using RFID	Mr. S. Balaji, VIT-AP University Dr. Bappadittya Roy, VIT-AP University	18-02-2022
202241005824	Pulse Oximeter Controlled Automatic Ventilator Control System for Smart Health Intensive Care Unit	Mr. Nadikatla Chandrasekhar, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University	18-02-2022
202241005833	An Iterative posterior regularized NMF-Based Adaptive Wiener filter for real time speech enhancement in noisy environments	Mr. Sivarama Krishna Y, VIT-AP University Mrs. Chaitanya J, VIT-AP University Dr. Sunnydayal V, VIT-AP University	18-02-2022
202241010603	Smart Plug/Play Height Adjustable Timer Switch	Mr. K. Sandeep Rao, VIT-AP University Dr. Purnachand Nalluri, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. D. John Pradeep, VIT-AP University	11-03-2022
202141055101	Canonical Correlation Methodology Based Model for Effective Business Analytics	Mr. Harshit Harsh, VIT-AP University Dr. Deepak Ch, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University	25-11-2022
202141060905	Slot Loading Method for High Port Isolation in SIW MIMO Antenna	Mr. V. Jayaprakash, VIT-AP University Dr. Chandu DS, VIT-AP University	25-11-2022
202241076849	An Invention On Heart Disease Prediction Model Based On Travel-Hunt Deep CNN	Dr. Agam Das Goswami, VIT-AP University Mr. Girish Shrikrushnarao Bhavakar, VIT-AP University	06-01-2023

202341003996	A Novel Approach for Early Prediction of Knee Osteoarthritis using Ensemble-CNN Algorithms	Mr. Ganesh Kumar M, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	10-02-2023
202341006586	DESIGN & DEVELOPMENT HEART DISEASE PREDICTION MODEL BASED ON HYBRID RNN WITH LSTM NETWORK	Mr. Girish Shrikrushnarao Bhavakar, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	10-02-2023
202341007073	Early Prediction of Cardio Vascular Disease using optimized feature ranking & Deep neural network	Dr. Agam Das Goswami, VIT-AP University Mr. Girish Shrikrushnarao Bhavakar, VIT-AP University	24-02-2023
202341005552	Design and development of the change detection model using the satellite images with WaHO-based U-Net	Dr. Neha Gupta, VIT-AP University Ms. Chafle Pratiksha Vasantrya, VIT-AP University	24-02-2023
202341007074	Chi-square optimization based heart disease prediction algorithm with artificial neural network	Dr. Agam Das Goswami, VIT-AP University Mr. Girish Shrikrushnarao Bhavakar, VIT-AP University	24-02-2023
202341011645	VOLTAICON 2.0, Break Free Power Backup for Modem/Router	Dr. Khairnar Vikas Vishnu, VIT-AP University Mr. Kamalesh Kumar K, VIT-AP University	17-03-2023
202341013862	IoT based Patient Health Monitoring System	Dr. Neha Gupta, VIT-AP University Dr. Anoop Kumar Mishra, VIT-AP University Ms. Madavarapu Rithika, VIT-AP University	17-03-2023
202341012128	A Reverse Power Routing Model for Improving the Performance of Integrated-Parallel Buck-Boost Converter	Ms. Chandini Mutta, VIT-AP University Dr. Arvind Kumar Prajapati, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	17-03-2023
202341014976	Design of Fuzzy Logic Controller with Rule Viewer for Three-Phase Solar PV Integrated with UPQC	Mr. Ravada Simhachalam, VIT-AP University Dr. Arvind Kumar Prajapati, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	17-03-2023
202341014176	Title of the Patent: Design and development of Grey Wolf Optimization-based deep CNN classifier for Knee Osteoarthritis detection: A Meta-heuristic approach	Dr. Agam Das Goswami, VIT-AP University Mr. Ganesh Kumar M, VIT-AP University	17-03-2023
202341019159	Effective Knee Osteoarthritis Classification Using Military Scrutolf Optimization Tuned Deep Convolutional Neural Network Classifier	Mr. Ganesh Kumar M, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	31-03-2023

202341018275	Digital Controller of Non-Isolated DC-DC Converter for Solar Renewable Energy	Dr. Agam Das Goswami, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Mr. Shreyas R. Hole, VIT-AP University	31-03-2023
202341018273	Design & Development of Early prediction of chronic obstructive pulmonary disease using the hybridized optimization with BiLSTM	R. Hari Prasada Rao, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	31-03-2023
202341028554	A Novel Method for Early Glaucoma Detection using 2D-Empirical Voronoi Wavelet Transform and Machine Learning Algorithms.	Mr. VELPULA VIJAYA KUMAR, VIT-AP University Dr. LAKHAN DEV SHARMA, VIT-AP University	05-05-2023
202341025319	Deep Convolutional Neural Network Classifier for Efficient Knee Osteoarthritis Classification	Mr. Ganesh Kumar M, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	05-05-2023
202341030759	A hybrid bioinspired parameter tuning and incremental learning method to improve the performance of a Buck-Boost converter.	Ms. Chandini Mutta, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	05-05-2023
202341034188	Apparatus for Espionage Detection	Mr. Kudipudi Rajesh Sai, VIT-AP University Dr. Purnachand Nalluri, VIT-AP University Mr. Kanigalpula S S V M Harshith, VIT-AP University Mr. Paruchuri Dinesh Sai Teja, VIT-AP University	16-06-2023
202341033931	The Retrofit: HIGHLY EFFICIENT AND DURABLE BATTERY	Mr. Kamalesh Kumar K, VIT-AP University Dr. Khairnar Vikas Vishnu, VIT-AP University	16-06-2023
202341034189	A single inductor feedback based inverter (not gate) ring oscillator for waveform generation	Dr. Arun Kumar Sinha, VIT-AP University	16-06-2023
202341034186	Automated Radiation Mapper using Drone	Dr. Purnachand Nalluri, VIT-AP University Dr. Anoop Kumar Mishra, VIT-AP University Mr. Mogarala Sethu Kumar, VIT-AP University Dr Ravindra Dhuli, VIT-AP University Dr Neha Gupta, VIT-AP University	16-06-2023
202341032824	Augmented Reality-Based Speech Therapy for Children with Developmental Verbal Dyspraxia (DVD)	Ms. Kodali Radha, VIT-AP University Dr. Mohan Bansal, VIT-AP University	23-06-2023

202341032532	Detecting and correcting mispronunciations in non-native children's speech using SimCLR self-supervised learning	Ms. Kodali Radha, VIT-AP University Dr. Mohan Bansal, VIT-AP University	23-06-2023
202341040184	Electrobar: Power Backup For 5V/12V GSM	Dr. Khairnar Vikas Vishnu, VIT-AP University Mr. Kamalesh Kumar K, VIT-AP University	30-06-2023
202341038583	Importance of slots in patch antenna for frequency band addition and rejection	Dr. Bappadittya Roy, VIT-AP University Mr. Venkata Lakshmaiah Y, VIT-AP University	30-06-2023
202341039073	Design & Development of ECG Classification Using Ensemble CNN and Bio-Inspired Computational Models	Dr. Agam Das Goswami, VIT-AP University Dr. (Mrs) Dipti Patra, NIT Rourkela Dr. G R Sinha, MIIT, Mandalay Dr. Snehal B Shinde, VIT-AP University Dr. Nileshchandra Kalabarao Pikle, VIT-AP University Mr. Girish Shrikrushnarao Bhavakar, VIT-AP University	30-06-2023
202341041177	Secure Communication model for Smart Grid (SG) using LoRa	Mr. Repuri Raja Kishore, VIT-AP University Dr. John Pradeep Darsy, VIT-AP University	07-07-2023
202341041012	Passive Component Selection under Multiple Load Conditions for ZETA DC-DC Converter	Mr. Shreyas R. Hole, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	18-08-2023
202341045529	Automated seed drill implantation Robot	Mr. Maddela Madhav Mithra Maruthi Sai Raghava, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	01-09-2023
202341055237	Solar PV MPPT model design with effective shadow detection	Mr. Shreyas R. Hole, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	01-09-2023
202341042838	Development of an Accurate Heart Disease Diagnosis System using ECG and PCG Signals: A Comprehensive Methodology	Mr. Nadikatla Chandrasekhar, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University	01-09-2023
202341045527	Drain Engineered DM-SDZ-TFET Biosensor for Label-free Detection of biomolecules	Ms. Bitra Jayalakshmi, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	01-09-2023
202341049634	Design and Analysis of a CFOA-Based Oscillator with Complete Resistive Tuning and Low Parametric Sensitivity	Ms. Gandikota Naga Chandrika, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	01-09-2023
202341053714	A smart BMS for Electric Vehicles	Mr. Gopal Reddy Lakkireddy, VIT-AP University Dr. Sudha Ellison Mathe, VIT-AP University	01-09-2023

202341051512	Self-powered long range emergency distress signal transmitter	Mr. LADE ARYAN AMRUTH, VIT-AP University Dr. Subhasish Mahapatra, VIT-AP University	01-09-2023
202341048057	A Single-ended and Low Leakage 8T SRAM cell for portable biomedical applications	Mr. Appikatla Phani Kumar, VIT-AP University Dr. Rohit Lorenzo, VIT-AP University	01-09-2023
202341043763	A novel Edge Node based Automated Diabetic Retinopathy Detection System	Ms. Anitha Subramanian, VIT-AP University Dr. Priyanka S, VIT-AP University	01-09-2023
202341053440	BPME: Design of a Versatile Noise removal filter in ECG signals	Mr. P. N. V. Naveen Kumar, VIT-AP University Dr. Sudha Ellison Mathe, VIT-AP University	01-09-2023
202341055235	Framework for Vehicle Security and Authentication Module Controlled via Bluetooth and Face Recognition Technology	Mr. Praveen Kumar E, VIT-AP University Dr. S. Priyanka, VIT-AP University	01-09-2023
202341050475	Fifth Generation three Element Antenna Array For milli-meter wave applications	Mr. Satish Kumar Duddu, VIT-AP University Dr. Jayendra Kumar, VIT-AP University	01-09-2023
202341049815	Novel technique for Eosinophilic myocarditis classification using CiSSA, DBPEWT and nature inspired optimization algorithms	Mr. M Krishna Chaitanya, VIT-AP University Dr. Lakhan Dev Sharma, VIT-AP University	01-09-2023
202341055973	Unmasking the Masked: Deep learning-based approach for reconstructing and recognizing masked faces	Dr. Naveen Cheggoju, VIT-AP University Mr. Mallela Jayadeep, VIT-AP University Dr. Sudha Ellison Mathe, VIT-AP University	01-09-2023
202341047453	SUPA – Smart Universal Power Adapter	Dr. Nalluri Purnachand, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. D. John Pradeep, VIT-AP University Mr. V. Bharath Kumar, VIT-AP University	01-09-2023
202341046386	Phoneme Classification using the Modulated Signal Model	Dr. Mohan Bansal, VIT-AP University Prof. Pradip Sircar, IIT Kanpur	01-09-2023
202341055965	An Approach to Predict Sleeper Chain	Mr. Paruchuri Dinesh Sai Teja, VIT-AP University Mr. Kanigalpula S. S. V. M. Harshith, VIT-AP University Dr. Nalluri Purnachand, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University	01-09-2023
202341046385	Easy Driving CAR on Flood Area	Dr. Bappadittya Roy, VIT-AP University	01-09-2023

202341054620	Smart RO Self Cleaning System	Dr. Purnachand Nalluri, VIT-AP University Mr. Vanami Naga Venkata Jashwanth, VIT-AP University Mr. Manepalli Venkata Nageswara Rao, VIT-AP University	01-09-2023
202341042210	Development of Perception System for Emergency Vehicle Detection	Mr. Chinthamaneni Neelesh, VIT-AP University Mr. Apata Dhana Sai Teja, VIT-AP University Mr. M. Sri Seshs Sai Manoj, VIT-AP University Mr. M. Naresh, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University Dr. Umakanta Nanada, VIT-AP University	01-09-2023
202341052924	IoT based Remote Vigilance System for Children and the Elderly	Dr. S.M.A.K. Azad, VIT-AP University Ms. Lakshmi Jayani Penumarthi, VIT-AP University Ms. Riya Deulkar, VIT-AP University	01-09-2023
202341054069	Blockchain based farm-monitoring device	Dr. Subhasish Mahapatra, VIT-AP University Mr. Avhijit Nair, VIT-AP University	01-09-2023
202341035518	Fifth Generation Unit Element Antenna For FR-2 Band Array	Mr. Narayana Rao Palepu, VIT-AP University Dr. Jayendra Kumar, VIT-AP University	01-09-2023
202341036606	MONITORING AND CONTROL OF IOT BASED E-BIKE CAMPUS TRANSPORTATION SYSTEM	Mr. Ashok Chakravarthy Pamarthy, VIT-AP University Dr. Sudha Ellison Mathe, VIT-AP University	01-09-2023
202341057382	VerdantGuard: An AI-IoT Guardian for plant disease detection	Dr. Mohan Bansal, VIT-AP University Dr. Rajeev Sharma, VIT-AP University	08-09-2023
202341056526	IoT Based Food Freshness and Quantity Detection System	Dr. Samineni Peddakrishna, VIT-AP University Dr. Rohit Lorenzo, VIT-AP University Mr. M Naresh, VIT-AP University	08-09-2023
202341062428	Increased conversion effectiveness through EHO-based Cuk converter performance	Ms. Chandini Mutta, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	29-09-2023
202341062425	Design of a Solar PV system with a MPPT using a hybrid sea-winged optimization technique	Dr. Agam Das Goswami, VIT-AP University Mr. Shreyas R. Hole, VIT-AP University	29-09-2023
202341064130	Smart Traffic Control System for Efficient and Safe Management of Urban/Semi-Urban Traffic	Mr. Zuber Basha Shaik, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University	06-10-2023
202341063676	A High-Performance Chopper Amplifier with Improved Common Mode Rejection Ratio for Precise Bio-Potential Recordings	Mr. Bhaskara Rao K, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	06-10-2023

202341063496	USARA - Ultra Small Annular Ring Antenna Domain of the Idea: RF and Microwave	Ms. Padmaja Priyadarsini P, VIT-AP University Dr. Chandu D S, VIT-AP University	06-10-2023
202341063220	An Efficient, Scalable, Regular 4/8/16 bit Comparator in Quantum-dot Cellular Automata (QCA) Technology Using XOR Gates	Ms. Patthi Aruna, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	06-10-2023
202341059380	Gabor Based Convolutional Neural Network with Attention Module for Stereoscopic 3D Image Quality Assessment	Ms. Jyothisri. V, VIT-AP University Dr. Sameculla Khan Md, VIT-AP University	06-10-2023
202341061968	Lung Disease Classification using Mechanical Neural Networks(MNN)	Mr. Sahebgoud Hanamantray Karaddi, VIT-AP University Dr. Lakhan Dev Sharma, VIT-AP University	06-10-2023
202341063219	Transform Selection in VVC Adaptive Multiple Transform Algorithm	Mr. Anil Chowdary Tummala, VIT-AP University Dr. Purnachand Nalluri, VIT-AP University	06-10-2023
202341063497	A Gate stacked SOI based Vertical TFET with Elevated Channel for Improved DC performance	Mr. Diganta Das, VIT-AP University Dr. Chandan Kumar Pandey, VIT-AP University	06-10-2023
202341063500	An Effective Heart Disease Detection and Prediction using IoT and Deep Learning Techniques	Mr. Girish Shrikrushnarao Bhavakar, VIT-AP University Dr. Agam Das Goswami, VIT-AP University	06-10-2023
202341062388	Contactless Food Handling System in Institutional Cafeterias, "A tool for COVID-19 prevention"	Ms. K. Bindu, VIT-AP University Ms. P. Raga Siri, VIT-AP University Ms. G. Keerthi, VIT-AP University Dr. S. M. A. K. Azad, VIT-AP University	06-10-2023
202341063221	Energy Utility for Light, Fan, Phone Charging in Railway Compartment	Dr. Bappadittya Roy, VIT-AP University	06-10-2023
202341061342	Effective Tone Control Circuit using Proteus	Dr. Bappadittya Roy, VIT-AP University Mr. Dharanidaran R B, VIT-AP University	06-10-2023
202341064937	A Novel method for diagnosis of breast cancer using dielectric modulated Step-Channel junction less TFET(DM-SC-JLTFET)	Ms. Bitra Jayalakshmi, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	13-10-2023
202341067943	PEST DETECTION USING SPH ANALYSER	Dr. Bappadittya Roy, VIT-AP University Mr. Kailash Chandakanna, VIT-AP University Ms. Pathuri Monisha, VIT-AP University Mr. R.Gowtham, VIT-AP University	20-10-2023
202341066309	A High-Performance Chopper Stabilized Amplifier utilizing VDTA with Improved CMRR for Precise Bio-Potential Acquisition System	Mr. Bhaskara Rao K, VIT-AP University Dr Komanapalli Gurumurthy, VIT-AP University	20-10-2023

202341068927	A Circular Monopole Antenna for Bandwidth Enhancement with Triple Band Notch Characteristics Using Cylinder Slots	Mr. Venkata Lakshmaiah Y, VIT-AP University Dr. Bappadittya Roy, VIT-AP University	27-10-2023
202341070835	Cognitive load detection through EEG signals using Binary Optimized feature selection and Machine learning	Mr. JAMMISSETTY YEDUKONDALU, VIT-AP University Dr. LAKHAN DEV SHARMA, VIT-AP University	24-11-2023
202341070839	Substrate Reliant Slotted Microstrip Patch Antenna for Modern Communication	Ms. Hemalatha T, VIT-AP University Dr. Bappadittya Roy, VIT-AP University	24-11-2023
202341070840	Ferroelectric layer-based L-shaped tunnel field-effect transistor (FEL-TFET) for Improvement in DC and Analog/HF Performance	Mr. Anil Kumar Pathakamuri, VIT-AP University Dr. Chandan Kumar Pandey, VIT-AP University	24-11-2023
202341070837	Deep learning based speech enhancement using time-frequency attentive temporal convolutional networks	Dr. Sunnydayal Vanambathina, VIT-AP University Mr. Jannu Chaitanya, VIT-AP University	24-11-2023
202341067179	Sensor-Based Train Detection and Warning system for Loop Line Tracks	Dr. Subhasish mahapatra, VIT-AP University Mr. Lade Aryan Amruth, VIT-AP University	24-11-2023
202341069332	Custom Stacked Convolutional Neural Network (CS-CNN) with Hybrid Activation Function for Skin Disease Prediction.	Dr. Rajeev Sharma, VIT-AP University Mr. K. Ashok Kumar, VIT-AP University	24-11-2023
202341070174	Design of Integrated Linear Transformer-Diode Bridge Rectifier to Improve the Power Quality in Electric Vehicle Charging Station	Mr. Sugunakar Mamidala, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. Arvind Kumar Prajapati, VIT-AP University	24-11-2023
202341073847	A Dual-Metal Vertical TFET with Symmetric Dual Gate Architecture for Improved DC Performance	Mr. Diganta Das, VIT-AP University Dr. Chandan Kumar Pandey, VIT-AP University	15-12-2023
202341073332	Gate-All-Around Epitaxial Layered Vertical Tunnel FET for Improved DC/RF performance	Mr. Kadava R. N. Karthik, VIT-AP University Dr. Chandan Kumar Pandey, VIT-AP University	15-12-2023
202341074284	Dual Bioinspired Advancements for Solar PV MPPT Collective Predictive Regulate Models	Dr. Agam Das Goswami, VIT-AP University Mr. Shreyas R. Hole, VIT-AP University	15-12-2023
202341076344	Mixed Adaptive Technique for Landscape Change Detection Using Remote Sensing Images	Mr. Chafle Pratiksha Vasantrao, VIT-AP University Dr. Neha Gupta, VIT-AP University	15-12-2023
202341080253	LoRa-Enabled Water Level Monitoring and Control System: Integrating Anti-Dry-Run Mechanisms, Voltage Safety Protocols, and Solar-Powered Functionality	Mr. Kamalesh Kumar K, VIT-AP University Dr. Khairnar Vikas Vishnu, VIT-AP University	22-12-2023

202341076665	Dielectric Pocket Nanotube Junctionless Field Effect Transistor for Improved DC Performances	Dr. Chandan Kumar Pandey, VIT-AP University Mr. Desai Ajith Kumar, VIT-AP University	22-12-2023
202341079646	Artificial intelligence enabled driver-drowsiness detection using multi-modal signals and collision avoidance system	Dr. Jaiverdhan, VIT-AP University Dr. Lakhan Dev Sharma, VIT-AP University	22-12-2023
202341083225	A Low-Power Self-recoverable Radiation-Resistant SRAM Circuit for Aerospace and Military Electronic Applications	Mr. Mukku Pavan Kumar, VIT-AP University Dr. Rohit Lorenzo, VIT-AP University	29-12-2023
202341083226	Smart Battery Management System Integrated with Cell Swapping Technology for Electric Vehicles	Ms. Ponnaganti Chandana, VIT-AP University Dr. Ameet Chavan, VIT-AP University	29-12-2023
202341081040	An IOT module for calculating the SEC of a Seafood industry Domain of the Idea : IoT devices	Mr. Sujith S, VIT-AP University Dr. Subhasish Mahapatra, VIT-AP University	29-12-2023
202341087285	ScalNet: A Scalogram-Based System for the Diagnosis of Hypoxic Ischemic Encephalopathy (HIE) from Infant Cry Sounds	Ms. Kodali Radha, VIT-AP University Dr. Mohan Bansal, VIT-AP University	05-01-2024
202341088860	Design of an Enhanced Diversity 4-Port Compact MIMO Antenna for 5G-NR FR-1(n78/77/48) Band.	Mr. Manumula Srinubabu, VIT-AP University Dr. Nuthakki Venkata Rajasekhar, VIT-AP University	12-01-2024
202341084828	The novel 4-Port MIMO Antenna Design with Enhanced Isolation and Diversity Performance for the 5G-NR N78 Band.	Mr. Manumula Srinubabu, VIT-AP University Dr. Nuthakki Venkata Rajasekhar, VIT-AP University	12-01-2024
202341086918	An Intelligent Video Surveillance-Based Device Control System.	Mr. SHAIK RAYYAN, VIT-AP University Mr. KARNATI NAGA PRASANTH REDDY, VIT-AP University Mr. MADDULA SURESH, VIT-AP University Mr. ARAMULLA YASWANTH REDDY, VIT-AP University Mr. TRISHANK SAMINENI, VIT-AP University Dr. Anoop Kumar Mishra, VIT-AP University Dr. Vinod Kiran Kappala, VIT-AP University	12-01-2024
202341088168	Empowering Communication: A Multimodal Assistive System for Dysarthric Speech and Health Monitoring	Dr. Mohan Bansal, VIT-AP University Mr. Shaik Mulla Shabber, VIT-AP University	12-01-2024
202441003628	Profit Expansion of a Competitive Power System Using V2G Method	Mrs. Shreya Shree Das, VIT-AP University Dr. Jayendra Kumar, VIT-AP University	09-02-2024

202441001924	Lung Disease Classification using Graphical Neural Network using Jellyfish Optimizer for Feature Extraction	Mr. Sahebgoud Hanamantray Karaddi, VIT-AP University Dr. Lakhan Dev Sharma, VIT-AP University	09-02-2024
202441005532	Design of Programmable Gain Control Low Noise Amplifier (PGC-LNA) for Bluetooth/Zigbee applications.	Dr. Sameeulla Khan. Md, VIT-AP University Ms. Neeraja Pasupuleti, VIT-AP University	09-02-2024
202441004699	FLC based Voltage droop control in micro-grid photovoltaic power generating system.	Dr. Pradosh ranjan sahuo, VIT-AP University Mr. Mimmithi bhanu prakash, VIT-AP University	09-02-2024
202441002897	High-Performance CPW-Fed UWB Antenna with Cross Slot for Ka-band Satellite Communication.	Dr. Jaiverdhan, VIT-AP University Dr. Lakhan Dev Sharma, VIT University	09-02-2024
202441001649	Hydrogen HHO: Fusing Innovations for Hydrogen Fuel Excellence	Dr Swati Shukla, VIT-AP University Mr. Alli Sadhvik, VIT-AP University Mr. Parsha Venkata Shiva Sai, VIT-AP University Mr. Alli Ravinder, DRDO	09-02-2024
202441001926	Dielectric - modulated Vertical TFET biosensor for improved sensitivity	Dr. Chandan Kumar Pandey, VIT-AP University Mr. Diganta Das, VIT-AP University	09-02-2024
202441002219	Improved DC Performances of Nanowire Junctionless Field Effect Transistor Using Dielectric Pocket	Dr. Chandan Kumar Pandey, VIT-AP University Mr. Vanjarapu N M S R Narendra, VIT-AP University	09-02-2024
202441002221	Wireless Robot for Surveillance & Fire Detection	Dr. Neha Gupta, VIT-AP University Mr. Kuchipudi Abhiram, VIT-AP University Mr. Kantipudi Durga Naveen, VIT-AP University Dr. Anoop Kumar Mishra, VIT-AP University Dr. Ashish Gupta, VIT-AP University	16-02-2024
202441009084	Water Body Segmentation in Remote sensing satellite images using MHDCA-Net	Ms. Jonnala Naga Surekha, VIT-AP University Dr. Neha Gupta, VIT-AP University	08-03-2024
202441013406	Low-profile true omni-directional antenna for 700 MHz band conformal applications	Mr. Ravi Kumar Thella, VIT-AP University Dr. Jayendra Kumar, VIT-AP University	08-03-2024

202441014610	SMART-PASS: A Highly Secure and Portable Attendance/Presence Monitoring System for Efficient Administration	Mr. Shaik Asheesh Ali, VIT-AP University Mr. B.Chinni Krishna, VIT-AP University Ms. T.Kyate Vardinne, VIT-AP University Ms. B.Sai Tejaswini, VIT-AP University Ms. T.Srinivasa Teja, VIT-AP University Ms. K.Joshitha, VIT-AP University Dr. Manish Kumar Singh, VIT-AP University	08-03-2024
202441016272	VITALMED: QR Code-based Mobile Application for Safer Saline Administration Solution for Ensuring Accurate and Verified Medication Dosage	Ms. Mounika Satya Praseeda K, VIT-AP University Dr. Ameet Chavan, VIT-AP University	22-03-2024