Published Patents				
Sl.No.	**IPO ID**	**Invention Title**	**Name(s) of the Inventor(s)**	**Date of Publication**
1	202141006975	Toy to learn life sciences	Balaji D KPRIET Priyadharshini M, VIT AP Univeristy Mrs.V.Bhuvaneswari KPRIET Dr. L. Rajeshkumar KPRIET Dr. A. K. Priya KPRIET Dr. B. Arulmurugan KPRIET	26-02-2021
2	202141020756	T.A.R.S – The Autonomous Rhapsody Spider	Mr. Pranav Kompally, VIT-AP University Dr. S. Sibi Chakkaravarthy, VIT-AP University	18-06-2021
3	202141026741	Solar Pyramid: Energy Harvesting Integrated Sensor Node for IoT	Dr. S. Gopikrishnan, VIT-AP University	25-06-2021
4	202141026742	An approach to prevent the problem of character injection in document similarity algorithms based on k-grams	Dr. Anupama Namburu, VIT-AP University Mr. Akhil Surendran, VIT-AP University Mr. S Vijay Balaji, VIT-AP University	25-06-2021
5	202141026728	Dynamic Smart Alarm Based On Quality of Sleep (QOS)	Dr. BKSP Kumar Raju Alluri, VIT-AP University Dr. Prabha Selvaraj, VIT-AP University Dr. N. Anupama, VIT-AP University Dr. D. Sumathi, VIT-AP University Dr. Aravapalli Rama Satish, VIT-AP University	02-07-2021
6	202141026726	Cluster Node Failure Detection Using a Monitoring Device	Mr. Soma Sekhar Kolisetty, VIT-AP University Dr. B. Srinivasa Rao, VIT-AP University	02-07-2021
7	202141026721	Enhanced Shape Matrix Generation Method	Dr. Hari Kishan Kondaveeti, VIT-AP University Dr. Valli Kumari Vatsavayi, Andhra University	02-07-2021
8	202141030627	Caption Bot for Assistive Vision (Caption Camera)	Mr. Adipon Das, VIT-AP University Dr. Srinivasa Rao Battula, VIT-AP University	23-07-2021
9	202141030636	A Modern Map Reduce Scheduler Algorithm System Using Toilet Queuing Model	Dr. S. Karthikeyan, VIT-AP University Dr. Hari Seetha, VIT-AP University	23-07-2021
10	202141031102	Automated Safety Ensuring System for Passenger Boats Using Raspberry Pi	Dr. Hari Kishan Kondaveeti, VIT-AP University	23-07-2021

11	202141032543	A Novel Approach to Detect Sexual Assault from CCTV Cameras	Ms. Uddagiri Sirisha, VIT-AP University Dr. BKSP Kumar Raju Alluri, VIT-AP University	30-07-2021
12	202141037211	Multipurpose Smart Bottle with Hydro Pattern Analyser and Advisory System	Dr. Prabha Selvaraj, VIT-AP University Dr. BKSP Kumar Raju Alluri, VIT-AP University Dr. Anupama Namburu, VIT-AP University Mr. Venkata Siva Prasad Kakumani, VIT-AP University Dr. Aravapalli Rama Satish, VIT-AP University Dr. D. Sumathi, VIT-AP University	27-08-2021
13	202141038652	Faster Process Failure Detection and Consensus Using a Scalable Heuristic Approach in Extreme-Scale Systems	Mr. Soma Sekhar Kolisetty, VIT-AP University Dr. B. Srinivasa Rao, VIT-AP University	03-09-2021
14	202141038655	OSIRIS - Automated Drone for Spraying Fertilizers & Sowing Seeds	Mr. Mohammed Hisham Ullah Khan, VIT-AP University Mr. Shashwat Kumar, VIT-AP University Mr. Gokul Ballava Mishra, VIT-AP University Mr. Harsha Magapu, VIT-AP University Dr. Somya Ranjan Sahoo, VIT-AP University	03-09-2021
15	202141040255	Data Node Parallelism in Hadoop with HDFS and Map Reduce	Mr. Subba Reddy Chavva, VIT-AP University Dr. Ravi Sankar Sangam, VIT-AP University Dr. Srinivasa Rao Battula, VIT-AP University	01-10-2021
16	202141040271	AudioDrop	Mr. Aditya Mitra, VIT-AP University Dr. Nileshchandra Kalbarao Pikle, VIT-AP University	01-10-2021
17	202141041165	Retinal Disease Detection Using Extreme Learning Machine	Mr. Tejo Vinay Potti, VIT-AP University Dr. Srinivasa Rao Battula, VIT-AP University	29-10-2021
18	202141041168	Security Enhancement of Wi-Fi Protected Access (WPA2) Protocol in the IEEE 802.11i Security Standard	Dr. K. Ganesh Reddy, VIT-AP University Dr. Sunil Kumar Singh, VIT-AP University	29-10-2021

19	202141041167	Smart Food Dispenser for Controlling the Food Waste	Dr. Sunil Kumar Singh, VIT-AP University Dr. K. Ganesh Reddy, VIT-AP University Dr. Alok Kumar Shukla, VIT-AP University Dr. Shubhra Dwivedi, VIT-AP University	29-10-2021
20	202141046168	Data Security in Wireless network Security using the Modified Cryptography Algorithm	Dr. Allam Balaram, Dr. N. Murali Krishna, Dr. Shaik Abdul Nabi, Mr. Mohd Anwar Ali Ms. Revathi Durgam, VIT-AP University Dr. D B K Kamesh, Dr P. Chandana, Dr. P. Kiran Kumar	29-10-2021
21	202141047288	An Image Processing System with Convolutional Neural Network Modules and Method Thereof	Dr.D.Neelima Patnaik, Dr.Bandi Asha Latha, Mrs.Vishnu Priya Thotakura Mr.Naga Jayanth Chennupati, VIT-AP University Mr.Pramod Prakashrao Patil, Dr.Rabinarayan Satpathy, Dr.Sushma Jaiswal, Mrs.N.Jeebaratnam, Mr.Tarun Jaiswal	05-11-2021
22	202141049322	Device to Avoid Accumulation and Removal of Mud in The Mud Guard	D. Balaji Dr. Ch. Pradeep Reddy, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. D. John Pradeep, VIT-AP University Dr. L.V. Suresh Kumar Dr. Surekha Lanka	03-12-2021
23	202141055116	A Deep Growing Segmentation Network for Reaching the Farthest Pixel	Ms. K. H. Vijaya Kumari, VIT-AP University Dr. Soubhagya Sankar Barpanda, VIT-AP University	10-12-2021

24	202141055119	Artificial Intelligent Former: A Chatbot Based Smart Agriculture System	Dr. S. Gopikrishnan, VIT-AP University Mr. Cheemakurthi Srujan, VIT-AP University Mr. Velagapudi Naga Siva Praneeth, VIT-AP University Mr. Sagar Mousam Parida, VIT-AP University	10-12-2021
25	202141055125	Portable Umbrella with Tissue Dispenser and Sanitizer	Dr. Anupama Namburu, VIT-AP University Dr. Prabha Selvaraj, VIT-AP University Dr. BKSP Kumar Raju Alluri, VIT-AP University Dr. Nagaraju Devarakonda, VIT-AP University	10-12-2021
26	202141056431	A System Based On Thermal Image Processing for Subcutaneous Detection of Veins, Bones and Method Thereof	Dr.G.Bindu Madhavi, Dr.K.Madhusudhana Rao Dr. P. Lalitha Kumari, VIT-AP University Mr.Sharook.R, Dr. D.Sattianadan, Dr.Arul Leena Rose P J Dr.Sushma Jaiswal, Mr.Tarun Jaiswal, Dr.M.Sunil Kumar Dr.Allam Joseph Praveen Kumar	10-12-2021
27	202141057514	Precise URL Phishing Detection Using Neural Networks and Genetic Algorithms	Aman Rangapur, VIT-AP University Dr. Ajith Jubilson E, VIT-AP University Dhanavanthini P, VIT-AP University Dr. Sibi Chakkaravarthy S, VIT-AP University	17-12-2021
28	202141057225	Smart Animal Detection System for Livestock Monitoring	Thoom Purna Chander Rao, VIT-AP University B Meghna Chetty, VIT-AP University Dr. Divya Meena Sundaram, VIT-AP University Dr. Sheela Jayachandran, VIT-AP University Dr. Mehfooza Munavar Basha, VIT-AP University	17-12-2021
29	202141057239	Novel System to Mitigate Animal-Vehicle Collision Using Sparse Multi Discriminative-Neural Network	Thoom Purna Chander Rao, VIT-AP University Dr. Divya Meena Sundaram, VIT-AP University Dr. Sheela Jayachandran, VIT-AP University Dr. Mehfooza Munavar Basha, VIT-AP University Dr. Somya Ranjan Sahoo, VIT-AP University	24-12-2021

30	202141057899	Blind-Aid A Voice Based Object Recognition System	Mr. Amit P Sathyaseelan, VIT-AP University Dr. Somya Ranjan Sahoo, VIT-AP University Dr. Sanjit Ningthoujam, VIT-AP University Dr. Chettupally Anil Carie, VIT-AP University	31-12-2021
31	202111059216	Machine Learning Based Products Classification and Prediction in Departmental Stores	Dr. Vetrithangam Duraisamy, Dr. Shruti Aggarwal, Dr. Syed Umar, Dr. Hussain Syed, VIT-AP University Dr. B. Aruna devi, Ms. R.Himabindu, Mr. Mani Deepak Choudhry, Mrs. A. Anusha, Mrs. T. Sruthi, Mr. P Naresh Kumar	31-12-2021
32	202141059440	A Framework for Misusability Detection in Large Datasets	Dr.Shaik Abdul Nabi, Dr.U.M.Fernandes Dimlo, Mohammed Abdul Azeem, Dr.V Biksham Revathi Durgam, VIT-AP University	31-12-2021
33	202141059605	Moving Object Based Adequate Working Fluid Supply System Optimized Using Machine Learning	Dr. Balaji. D Dr. Ch. Pradeep Reddy, VIT-AP University Dr. Y. V. Pavan Kumar, VIT-AP University Dr. D. John Pradeep, VIT-AP University Dr. L. V. Suresh Kumar, Dr. Surekha Lanka, Dr. N. Mohan Krishna Varma	31-12-2021
34	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
35	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

36	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
37	202141026730	Reconfigurable IP Core for Real-time Estimation of 3-φ Sequence Components	Dr. Praveen Kumar, VIT-AP University	25-06-2021
38	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
39	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
40	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
41	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
42	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
43	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
44	202141026724	WAPADS – Water Prognosis and Decentralization System	Mr. V. Bharath Kumar, VIT-AP University Mr. Maddikera Kalyan Chakravarthi, VIT-AP University	02-07-2021
45	202141029303	SANISHIELD (Automatic Sanitizer Dispenser with Battery Backup)	Mr. Kamalesh Kumar K, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	09-07-2021

46	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
47	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
48	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
49	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
50	202141034119	CONVLSTM U-Net for Real Time Speech Enhancement	Dr. Sunnydayal Vanambathina, VIT-AP University	06-08-2021
51	202141037214	VOLTAICON - Break Free Backup Power System	Mr. Kamalesh Kumar K, VIT-AP University Dr. Gurumurthy Komanapalli, VIT-AP University	27-08-2021
52	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
53	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
54	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

55	202141038645	Smart Power Saving Refrigerator with Individual Shelf Closing Doors	Dr. Umakanta Nanda, VIT-AP University Ms. Srikurmum Hari Chandana, VIT-AP University Dr. Samineni Peddakrishna, VIT-AP University	10-09-2021
56	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
57	202141040275	Automated Drone with Pesticide and Fertilizer Sprayer	Mr. Ramireddy Karthik, VIT-AP University Dr. Deepak. Ch, VIT-AP University	24-09-2021
58	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
59	202141053429	Neural Network for Real Time Speech Enhancement for Hearing Impaired	Dr. Manaswini Burra Dr. Sunnydayal. V, VIT-AP University Dr. N.V. Rajasekhar, VIT-AP University Dr. Ravi Kumar.K	03-12-2021
60	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
61	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 Sesha 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
62	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

63	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
64	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
65	202141058600	Apparatus for Automatic Composite Machine Based Vertical Farming	Dr. Purnachand Nalluri, VIT-AP University Ms. R. Porkodi, VIT-AP University	31-12-2021
66	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
67	202141017961	Automatic Protection Guards for Bike	Mr. Nunna Mahesh, VIT-AP University Dr. P. S. Rama Sreekanth, VIT-AP University	30-04-2021
68	202141026743	A Modified steady state comparative radial heat flow method for measuring thermal conductivity of liquids	Mr. Sattenapallli Girish, VIT-AP University Dr. Pankaj Balkrishna Tambe, VIT-AP University	25-06-2021
69	202141029299	Development of Recycled Plastics Based Composite Roof Tiles with Used Face Mask, Phase Change Material and Bovine Waste	Ms. S. Krishna Satya, VIT-AP University Dr. P. S. Rama Sreekanth, VIT-AP University	09-07-2021
70	202141029307	Multi-Purpose Nut Remover	Mr. Karthikeya Kolla, VIT-AP University Dr. Pankaj Balkrishna Tambe, VIT-AP University Dr. Ambuj Sharma, VIT-AP University	16-07-2021
71	202141029308	Sandwich Nanocomposite Preparation Technique for Orthopaedic Application	Mr. Nilesh Dalai, VIT-AP University Dr. P. S. Rama Sreekanth, VIT-AP University	16-07-2021

72	202141032538	Design, Simulation and Fabrication of Convergent LPG Burner with Diffuser	Mr. Jangala Sai Sri Laxman, VIT-AP University Dr. P. S. Rama Sreekanth, VIT-AP University Mr. Peri Shanmukh Ram, VIT-AP University Mr. Kakumani Venkata Siva Prasad, VIT-AP University	30-07-2021
73	202141041160	Hybrid Auxetics Incorporated Non-pneumatic Wheel	Mr. Ankan Narayan Biswas, VIT-AP University Dr. P. S. Rama Sreekanth, VIT-AP University	29-10-2021
74	202141055122	Single Axis Rotating Tool Holder with Size Adjustable Mount	Mr. Ankan Narayan Biswas, VIT-AP University Mr. Shayaan Ahmed, VIT-AP University Dr. P. S. Rama Sreekanth, VIT-AP University	10-12-2021
75	202011054804	Designing and Manufacturing of Tertiary Nanocomposite Film Sensor Device for Ammonia Gas Sensing	1. Dr. S.K. Khadheer Pasha, VIT-AP University 2. Dr Kalim Deshmukh, University of West Bohemia, Plzen, Czech Republic	01-01-2021
76	202141026740	Py-Digital Writing Pad (Python Based Motion Sensing Digital Writing Pad)	Dr. Santanu Mandal, VIT-AP University Mr. Tathagat Banerjee, VIT-AP University Mr. Amandeep Sharma, VIT-AP University Ms. Rasmika Billa, VIT-AP University Ms. K Charvi, VIT-AP University	25-06-2021
77	202141037208	IR Based Bio-Waste Disposal Machine	Dr. Sabeel M Basheer, VIT-AP University Dr. Sudesh Manger, VIT-AP University	27-08-2021
78	202141029302	A Method for Synthesis of Stoichiometric CUINO2 Nano Crystalline Powder	Mr. Chebrolu Lakshmi Rajesh, VIT-AP University Dr. Madhusudhana Rao N, VIT-AP University	10-09-2021
79	202141056902	Mathematical Combinations-Based System and Method for Optimized Travel Itinerary	Dr.BDCN Prasad Dr.Suripeddi Srinivas, VIT-AP University B.Murali Mohan Rao	10-12-2021
80	202141057233	A Novel Circuit-Based Synaptic Memristor for Neuromorphic Computing	Mrs. Nune Pratyusha, VIT-AP University Dr. Santanu Mandal, VIT-AP University	17-12-2021

81	202141058595	Reunion of Photothermal Therapy with MXene Adsorbed Uremic Toxins and Cytokines: A Shield for COVID-19 Patients	Ms. Subhasree Panda, VIT-AP University Dr. S. K. Khadheer Pasha, VIT-AP University	31-12-2021
82	202141058592	Novel Ferroelectric and Semimetal Nanocomposite Tape for Supercapacitor and Sensing Applications	Mr. Y. Ravi Kumar, VIT-AP University Dr. S. K. Khadheer Pasha, VIT-AP University Dr. V. R. K Murthy, VIT-AP University	31-12-2021
83	202141058593	Ternary-layered MAX-phase and Highly Flexible Polymer Nanocomposite for Fabricating Advance Sensor for Environmental Safety	Ms. Priyanka Rani, VIT-AP University Dr. S. K. Khadeer Pasha, VIT-AP University	31-12-2021