Published Patents				
Sl.No.	**IPO ID**	**Invention Title**	**Name(s) of the Inventor(s)**	**Date of Publication**
1	202441103740	UAV based Real-Time Pothole Detection Using SqueezedYOLO algorithm	Dr. Chintakindi Balaram Murthy, VIT-AP University Dr. Sudha Ellison Mathe, VIT-AP University Dr. Kodali Prakash, NIT-Warangal	03-01-2025
2	202441104056	Real-Time Detection of Crop Leaf Diseases Using EdgeYOLO algorithm	Dr. Chintakindi Balaram Murthy, VIT-AP University Dr. Sudha Ellison Mathe, VIT-AP University Dr. Kodali Prakash, NIT-Warangal	10-01-2025
3	202441104057	Plastic myelodyes syndrome prediction in children detection system based on machine learning with segmentation and classification method	Ms. K. Srilakshmi, VIT-AP University Dr. D. Venkata Lakshmi, VIT-AP University	10-01-2025
4	202541001627	Smart Spectacles For Visually Impaired People	Mr. Chava Rishik, VIT-AP University Ms. Chirumamilla Devi, VIT-AP University Mr. Srirangam Anil, VIT-AP University Dr. S. Manimaran, VIT-AP University Dr. G. Bharath Reddy, VIT-AP University	17-01-2025
5	202541003072	Universal Rain-Clearing Threat in Autonomous Vehicles	Mr. Sambasiva Rao Gumma, VIT-AP University Dr. Chintakindi Balaram Murthy, VIT-AP University Dr. Kankanala Srinivas, VIT-AP University	24-01-2025

6	202541002536	Enhancing Mine Blasting Efficiency By Reducing Air Overpressure Using Intelligent Machine Learning Techniques.	Dr. Prashanth Ragam, VIT-AP University Mrs. Bonagiri Divya, VIT-AP University	24-01-2025
7	202541010530	Lung cancer detection by using YOLO-NAS Algorithm	Mr. Panduri Vishnu Vardhan, VIT-AP University Dr. Koteswararao Ch, VIT-AP University Mr. Grandhisila Jaswanth Sai, VIT-AP University	14-02-2025
8	202541022455	Integrative Vision: A Comprehensive Smart Assistive Technology for Enhanced Health Monitoring and Independent Living in Visual Impairment	Dr. Srinivas Arukonda, VIT-AP University Mr. Bachu Venkata Thanush , VIT-AP University	28-03-2025
9	202541021974	Cloud-Driven Pothole detection with Adaptive Lighting	Dr. Srinivas Arukonda, VIT-AP University Mrs. Pakala Dishitha, VIT-AP University Mrs. Aravapalli Ramya, VIT-AP University Mrs. Shaik Mubashira Asma, VIT-AP University	28-03-2025
10	202541022838	Animal threat Alarm System for Agriculture Fields	Dr. Srinivas Arukonda, VIT-AP University Mr. Hruthik Mekala, VIT-AP University Mrs. Sampathirao Nikitha, VIT-AP University Mrs. Poladas Geethanjali, VIT-AP University Mr. Pigilam Prathyushae, VIT-AP University	28-03-2025

11	202541033070	An Intelligent Hybrid Based Machine Learning Approach for Prediction of Peak Particle Velocity (PPV) Levels Induced by Blasting operations in Open-Cast Mines.	Dr. Prashanth Ragam, VIT-AP University Mrs. Gundaveni Shylaja, VIT-AP University	11-04-2025
12	202541027234	EfficientNet-Driven Facial Emotion Recognition Using Quantum Memetic Algorithm for Feature Selection	Ms. Gabbi Reddy Keerthi, VIT-AP University Dr. Deepasikha Mishra, VIT-AP University	25-04-2025
13	202541035142	Structural health monitoring using IOT	Dr. Rohit Kumar Das, VIT-AP University Ms. Lavanya Kotha, VIT-AP University Mr. Chetan Gudditi, VIT-AP University	09-05-2025
14	202541048176	Driver Safety Detection System	Dr. Arindam Dey, VIT-AP University Dr. Anurag De, VIT-AP University	06-06-2025
15	202541050521	Dynamic learning platform for people to learn about Gen-Z technology fields.	Dr. Srinivas Arukonda, VIT-AP University Mrs. Ishika Saha, VIT-AP University Mrs. Aditi Shaw, VIT-AP University Mr. Aryan Prajapati, VIT-AP University Mr. Anup Kumar, VIT-AP University	13-06-2025

16	202541054841	Academy Book Circle (ABC) - All in one Application for Universities	Dr. Somya Ranjan Sahoo, VIT-AP University Ms. Anish Kumar, VIT-AP University Mr. Vedant Mishra, VIT-AP University Mr. Jayat Saha, VIT-AP University	13-06-2025
17	202541062800	An EEG-based low-cost Smart Wheelchair for physically challenged individuals	Dr. Rohit Kumar Das(70291), VIT-AP University Dr. Prashant Patel(70587), VIT-AP University Dr. Monali Bordoloi(70294), VIT-AP University Mr. Pratyush Kumar Sahoo(23BCE7196), VIT-AP University Mr. Tharakaraman Lakshminarayana(23BCE20192), VIT-AP University Mr. Katakam Sai Madhu(23BCE7087), VIT-AP University	11-07-2025
18	202541062807	Earthquake prediction model using machine learning	Dr. Arindam Dey, VIT-AP University Dr. Afzal Hussain Shahid, VIT-AP University Dr. Anurag De, VIT-AP University	11-07-2025
19	202541062799	Streamlining Written Content through Knowledge Networks	Mr. Panduri Vishnu Vardhan, VIT-AP University Dr. Sachi Nandan, VIT-AP University Mr. Grandhisila Jaswanth Sai, VIT-AP University	11-07-2025

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22	202541079019	Swin Transformer-Based Framework for Efficient Electronic Health Records Extraction	Ms. Polisetty Swetha v padmavathi(23PHD7121), VIT-AP University Ms. Deepthi Godavarthi(70505), VIT-AP University	29-08-2025
23	202541079462	Alzheimer's Prediction Using Helstrom Quantum Classifier (HQC) with Quantum Feature Mapping via FRQI Algorithm	Mr. Ansuman Sahu(22BCE7826), VIT-AP University Dr. Deepasikha Mishra(70034),VIT-AP University	05-09-2025
24	202541075302	Smart Hanger System using Question Answering Models	Dr. Kaarthik sai Patibandla, VIT-AP University Ms. Jahnavi Chakka, VIT-AP University Mr. Bhuvanendra Putchala, VIT-AP University Dr. BKSP Kumar Raju Alluri, VIT-AP University Dr. Sudha S V, VIT-AP University	05-09-2025

25	202541082948	A Federated Intelligent Multi-Framework for Secure, Adaptive, and Energy-Efficient Routing in IoMT Networks	Mr. Vonteru Srikanth Reddy(21PHD7015), VIT-AP University Dr. Kumar Debasis(70151), VIT-AP University	19-09-2025
26	202541083876	SmartCity Guard: Integrated Solar-Powered System for Smart Streetlighting, Waste Management, and Emergency Safety Alerts.	Dr. Visalakshi Annepu(70568), VIT-AP University Dr. Kalapraveen Bagadi(70567, VIT-AP University Dr. Hanumantharao Bitra(70564), VIT-AP University Mr. Ranga Lokesh Venkata Ganesh(21BCE9596), VIT-AP University Mr. Palisetty Yashoda Sai Sri(21BCE9369), VIT-AP University Mr.Penumandhra Anudeep(21BCE9604), VIT-AP University	26-09-2025
27	202541097535	Autonomous Drone- Human Detection	Dr. Rajesh Duvvuru(70388), VIT-AP University Dr. Eswaraiah Rayachoti(70391), VIT-AP University Mr. Harshit Bansal(22BCE8181), VIT-AP University Ms. Tarush Saxena(22BCE8345), VIT-AP University Mr. Ishan Mudgal(22BCE8096), VIT-AP University Mr. Ranjith Kumar Banala(22PHD7037), VIT-AP University	14-11-2025

28	202541100677	Smart Helmet using RaspberryPi 3B+	Dr. Naga Jagadesh Bommagani, VIT-AP University Sri Ram Sai G, VIT-AP University Y. D. Chandra Kumar, VIT-AP University T. V. Sandeep, VIT-AP University D.R.V. Amarnath, VIT-AP University P. Rishik, VIT-AP University N. Harish, VIT-AP University	28-11-2025
29	202441100052	FinFET based FL 7T SRAM cell: reliable, Power - efficient for use in portable medical equipment	Mr. Shaik Lal John Basha, VIT-AP University Dr. Atul Shankar Mani Tripathi, VIT-AP University	03-01-2025
30	202541008075	Real Time Accident Prevention System in Bad Weather Conditions Using Dual Phase Dehazing Network	Mr. Nuthi Raju, VIT-AP University Dr. Kankanala Srinivas, VIT-AP University Dr. Chintakindi Balaram Murthy, VIT-AP University	14-02-2025
31	202541059009	Design and implementation of efficient Internet of Things (IoT) based AR-Controlled Smart Home Applications	Mr. Ashok Chakravarthy Pamarthy, VIT-AP University Dr. Sudha Ellison Mathe, VIT-AP University	27-06-2025
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34	202541096669	Empowering the Visually Impaired	Dr. Bappadittya Roy, VIT-AP University Mr. Sakil Jennat Nasher, VIT-AP University Ms. Shreya Barman, VIT-AP University Mr. Mohammed Taher, VIT-AP University	14-11-2025
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36	202441104063	Ebselen substituted lower rim calix[4]arene as inhibitor for SARS-CoV-2	Mr. Rajkumar Ravi, VIT-AP University Dr. Selvakumar Karuthapandi, VIT-AP University	10-01-2025
37	202541081521	Revealing Enhanced Orbital Magnetic Moments in Fe Ions Driving Ferromagnetism in NiFe2O4 Thin Films	Dr. Virendra Kumar Verma(70445), VIT-AP University, Vijay Raj Singh, Central University of South Bihar Jayashree Patra(23PHD7027), VIT-AP University Pujarani Parida(23PHD7026),VIT-AP University	19-09-2025

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