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Detailed of Patent Published

S.No	Year	Application No.	Applicant/s Name	Title of Invention	Status
1	2019	201941029525	Mr. Udit Mamodiya	System of Heat Sink Motor Control For Consumer Electronic Devices	Published (2019)
2	2019	201941023480	Mr. Udit Mamodiya	Intelligent Pso-Fuzzy Logic Based Dc Motor Control System And Method Thereof	Published (2019)
3	2019	201921031179	Mr. Udit Mamodiya	Machine-Learning Based Method For Optimization of Power Management In Renewable And Nonrenewable Energy Resources	Published (2019)
4	2019	201921026715	Mr. Udit Mamodiya	Method of Statistical Data Based Smart Reservation & Charging of Parking	Published (2019)
5	2019	201911031482	Mr. Udit Mamodiya	System of Smart Grid Network For Electricity Supply In Smart Cities Using Big Data Computing	Published (2019)
6	2019	201911030347	Mr. Udit Mamodiya	System of Smart Multi -Functional Traffic Light Using Organic Solar Cell	Published (2019)
7	2019	201911023126	Mr. Udit Mamodiya	High Efficient Wind-Solar-Diesel Hybrid System & Method Thereof For Application In Remote Areas	Published (2019)
8	2019	201911020615	Mr. Udit Mamodiya	Micro Processing Unit Based System For Tracking And Controlling Solar Panel Based On Sun Light Intensity	Published (2019)
9	2019	201911017877	Mr. Udit Mamodiya	System of Power Management With Maximum Power Point Tracking (Mppt) Control of Large-Scale Grid Connected Inverter For Photovoltaic Applications	Published (2019)
10	2020	202041048753	Dr. Dinesh Goyal	Method For Semantic Segmentation of Digital Image In Electronic Device Interface Using Machine Learning	Published (2020)
11	2020	202041031127	Mr. Udit Mamodiya	Method For Healthcare Assistance By Artificial Intelligence Based Chat-Bot Using Natural Language Processing	Published (2020)



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12	2020	202041017124	Mr. Udit Mamodiya	Wearable Device For Monitor And Control The Mental Stress During Isolation	Published (2020)
13	2020	202031052588	Mr. Udit Mamodiya	Method For Preventing Security Violation In Communication Network of Internet of Things (Iot) Devices	Published (2020)
14	2020	202031024424	Mr. Udit Mamodiya	Method of Management For Telecommunication Resources Using Cloud Computing	Published (2020)
15	2020	202031016741	Dr. Dinesh Goyal	Method For Monitoring Person For Detection of Possibility of Corona Infection	Published (2020)
16	2020	202031015951	Mr. Udit Mamodiya	Method For Providing Internet User Classification & Recommendation Based On The Internet Activities Using Neural-Network	Published (2020)
17	2020	202011028491	Mr. Udit Mamodiya	System For Networked Remote Online Teaching With Electronic Learning Board	Published (2020)
18	2020	202011025393	Mr. Manish Bhardwaj	A Real Time Drowsiness Detection Using Machine Learning & Artificial Intelligence	Published (2020)
19	2020	202011022112	Dr. Dinesh Goyal	Vitro: Virtual Trial Room	Published (2020)
20	2020	202011009938	Mr. Udit Mamodiya	Method of Obstacles Detection And Control of Robotic Wheelchair	Published (2020)
21	2020	202011008465	Mr. Udit Mamodiya	Method of Food Delivery For Matching Supply And Demand of Food Donators And Food Receivers	Published (2020)
22	2020	202000000000	Mr Udit Mamodiya	Intelligent Iot Device For Automating Fingerprints Using Machine Learning And Statistical Payload	Published (2020)
23	2021	202111058507	Dr. Pooja Gupta	Cushioned Piled Raft Foundation To Protect Buildings: Novel Composite Piled Raft	Published (2021)



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24	2021	202111056332	Dr. Rakhi Mutha	Best Hr Practices In An Organized Retail Sector	Published (2021)
25	2021	202111045418	Mr. Udit Mamodiya	System And Method For Positioning Solar Panels In A Row With Spectrally Adjusted Irradiance Tracking	Published (2021)
26	2021	202111040138	Ms. Neeraj Bhardwaj	Design And Implementation of Wireless Sensor Network Architecture For Leak Detection And Monitoring In Water Supply Distribution Network	Published (2021)
27	2021	202111024129	Mr. Udit Mamodiya	Internet of Things Based User Controlled Solar Energy Powered Smart Irrigation System For Precision Agriculture	Published (2021)
28	2021	202111011259	Dr. Dinesh Goyal	Method And System For Modelling of Scalable Cloud Environment	Published (2021)
29	2021	202111009955	Dr. Anil Kumar	Development of Scene Perception System For Visually Impaired People Using IoT Based System	Published (2021)
30	2021	2021105547	Dr. Anil Kumar	Smart And Intelligent Medical Bed For Child Patient Care	Published (2021)
31	2021	2021105487	Dr. Pooja Gupta	Novel Granular Piles Installation Process In Soft Clays With The Calculation Using Design Charts	Published (2021)
32	2021	2021104892	Dr. Anil Kumar	Method of Garbage Monitoring And Cleaning Process By IoT	Published (2021)
33	2021	2021104203	Mr. Udit Mamodiya	Intelligent System & Method For Recognizing Fake Speech Using Artificial Intelligence & Blockchain Technology	Published (2021)
34	2021	2021102658	Mr. Udit Mamodiya	Intelligent Earphone System For Remote Health Monitoring Using Artificial Intelligence	Published (2021)
35	2021	2021100143	Mr. Udit Mamodiya	Computer - Implemented Method For Encryption Over A Blockchain Data Sharing In Secure Network	Published (2021)



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36	2022	202241065504	Dr. Pankaj Rahi	A Smart Evaluation Method of The Effect of Economic Development On Crypto-Currency Using Machine Learning Techniques	Published (2022)
37	2022	202241054495	Mr. Udit Mamodiya	A Smart Management System For Controlling Medical Robot Beds For Preventing Bedsores Using Artificial Intelligence And Machine Learning	Published (2022)
38	2022	202241051919	Mr. Udit Mamodiya	An Intelligent Method For Defect Recognition In Additive Manufacturing Using Image Processing Based On IoT & AI	Published (2022)
39	2022	202241042430	Mr. Udit Mamodiya	An Intelligent System And A Method For Monitoring Laundry Machine Operations Using Machine Learning For Analysis of Acoustic Transducer Signal Information	Published (2022)
40	2022	202241026520	Mr Udit Mamodiya	Intelligent System For Automatic Penalty On Traffic Rule Violations Based On Blockchain And Machine Learning	Published (2022)
41	2022	202241025599	Dr. Rakhi Mutha	A Data Processing Device For Electric Vehicle Based On IoT	Published (2022)
42	2022	202241020511	Mr Udit Mamodiya	Integrated Library Management System For Various Public And Private Institutions Based On IoT Sensor	Published (2022)
43	2022	202231005248	Mr. Udit Mamodiya	Intelligent System For Automatic Outdoor Street Lighting Fault Detection And Management System Based On IoT And Machine Learning	Published (2022)
44	2022	202211074981	Mr. Udit Mamodiya	Development of An Intelligent Transistor System For Smart Cities To Provide Commercial Parking Spaces Using Artificial Intelligence And Machine Learning Techniques	Published (2022)
45	2022	202211067502	Dr Shruti Thapar	System And Model For Development of Energy Efficient Routing Protocol For Wireless Sensor Networks For Enhancement of Sensor Node And Battery Lifetime	Published (2022)
46	2022	202211066190	Dr. Devesh Kumar Bandil	An Artificial Intelligence Based System For Providing Empirical Investigation of The Determinants of Corporate Capital Structure Decisions And Method Thereof	Published (2022)
47	2022	202211039557	Dr. Rakhi Mutha	Identification And Mitigation of Attacks In Wireless Sensor Network Using Trust Based Blockchain Mechanism	Published (2022)



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48	2022	202211023593	Dr. Budesh kanwar	Data Science Based Machine Learning Model On Economic Applications	Published (2022)
49	2022	202211022102	Dr. Priyanka Kaushik	Systems And Methods For Monitoring And Diagnostics of Cyber/Network Security Remotely Using Machine Learning Feature	Published (2022)
50	2022	202211005093	Dr. Priyanka kaushik	Method For Cursor Mention Control Calibration And Object Selection Using Deep Learning	Published (2022)
51	2022	202211070762	Dr. Budesh Kanwer	Enhancement In Navigation System With Verbalbriefing And Short Video of Important Destinations	Published (2022)
52	2022	202211070247	Shikha Gautam	Qr Based Automated System For The Collection & Donation of Residuals Medicine Stocks	Published (2022)
53	2022	202211069267	Vivek Saxena	Security Improvement In Storage of Dockers Containers On Cloud Server	Published (2022)
54	2022	202211068998	Mr. Udit Mamodiya	An Intelligent System And Method For Smart Cities To Provide Parking Solutions By Leasing Out Personal And Commercial Parking Spaces Using Artificial Intelligence	Published (2022)
55	2022	202211067851	Alka Rani	An Intelligent System And Method For Developing lot Based Virtual Doctor	Published (2022)
56	2022	202211067504	Dr. Shruti Thapar	System And Model For Development of Energy Efficient Routing Protocol For Wireless Sensor Networks For Enhancement of Sensor Node And Battery Lifetime	Published (2022)
57	2022	202211067216	Rahul Gupta	Reduced Switch Multilevel Inverter For Improved Power Quality Based On Solar Photovoltaic Systems	Published (2022)
58	2022	202211065546	Deepak Moud	Automatic Signature Verification To Maintain Social Distancing	Published (2022)
59	2022	202211062722	Dr. Dinesh Goyal	An Intelligent System For Peer-To-Peer Wireless Power Transfer Among Ubiquitous Devices	Published (2022)



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60	2022	202211062261	Parv Sharma	An Intelligent System & Method For Autonomous Sunlight Reflector And Moisture Level Indicator With Nutrient Provider	Published (2022)
61	2022	202211060618	Anurag Anand Duvey	An Intelligent Management System For Foul Detection And Performance Analysis In Football Matches Using Artificial Intelligence With Machine Learning Techniques	Published (2022)
62	2022	202211059380	Mr. Udit Mamodiya	System & Method For Intelligent Virtual Stock Trading And Management Using Machine Learning Approach	Published (2022)
63	2022	202211007358	Dr Neeraj	Design And Implementation of Wireless Sensor Network Architecture For Leak Detection And Monitoring In Gas Supply Distribution Network	Published (2022)
64	2022	202211007357	Dr Bhanu Pratap	Novel Resin Based Dental Composites Filled With Wollastonite And Nano Alumina	Published (2022)
65	2022	202211007356	Mr. Atrakesh Pandey	Automated Time Table Generator Using Mc Learning	Published (2022)
66	2022	202211007355	Ms. Shefali Parihar	Energy Aware Aggregate And Clustering Node Rotation With Sink Relocation In Manet	Published (2022)
67	2022	202211007354	Mr. Sharad Shrivastava	Manufacture of Highly Efficient & Low-Cost Solar Cells Using Perovskites Based On Tio2 Nanostructure	Published (2022)
68	2022	202211007353	Mr. Pawan Kumar Patidar	Skin Disease Identification Using Machine Learning Algorithms (Svm, Knn And Rnn)	Published (2022)
69	2022	202211007352	Ms. Priyanka Sharma	An Intelligent System For Automated Text Caption Generation From Medical Images Using Image Processing	Published (2022)
70	2022	202211007351	Mr. Udit Mamodiya	An Intelligent Iot-Based Solar Tracking System With Deep Learning Analysis And Method For Its Application	Published (2022)
71	2022	202211007350	Mr. Udit Mamodiya	System & Method For Intelligent Virtual Stock Trading And Management Using Machine Learning Approach	Published (2022)



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72	2022	202211007349	Dr Rakhi Mutha	Time, Service And Energy Based Credit Token System In Blockchain Applicable In Indian Urban Areas	Published (2022)
73	2022	202231062750	Mr. Anurag Anand Duvey	Development of A Smart Vehicle Horn Management System Based On Artificial Intelligence And Machine Learning For Noise Pollution Control	Published (2022)
74	2022	372899-001	Dr Pankaj Rahi	lot Based Crowd Management System	Published (2022)
75	2023	202341023255	Dr. Pankaj Rahi,	An Intelligent System & Method For Providing Security In lot Based On Quantum Cryptography	Published (2023)
76	2023	202311034721	Dr. Pankaj Rahi	Development of Machine Learning Based Approach To Predict Charging Demand For Electric Vehicles	Published (2023)
77	2023	202311008390	Dr Pankaj Rahi	End-User Meaningless Unpronounceable One Time Password (Emu-Otp) With Dynamic One-Time Password Virtual Keyboard	Published (2023)
78	2023	202311086335	Mr. Rahul Sawhney	Comparative Performance of Deep Learning Architectures In Lower-Grade Segmentation: An Empiri	Published (2023)
79	2023	202311078174	Ms. Alka Rani	An Intelligent Automatic Bill Generation System	Published (2023)
80	2023	202311076140	Mr. Indra Kishor	Development of The Artificial Intelligence-Based Agrogenius System For Enhancing Farming Efficiency	Published (2023)
81	2023	202311075320	Mr. Indra Kishor	An lot-Based Two-Way People Counter With Dynamic Tracking And Data Regression Analysis For Single Door Entry And Exit	Published (2023)
82	2023	202311051802	Mr. Indra Kishor	Immersive Xr System With Voice Assistant Integration For Exploring of Educational Institutions	Published (2023)
83	2023	202311049138	Mr. Satish Parmar	Design And Development of An lot-Based Knee Guard To Aid Blind Individual In Obstacle Avoidance	Published (2023)



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84	2023	202311037945	Dr. Anil Kumar	Implementing IoT For Garbage Monitoring And Removal	Published (2023)
85	2023	202311037912	Mr. Nikhil Rastogi	Network Traffic Analyzer Using Nodemu-32	Published (2023)
86	2023	202311037494	Mr. Kunal Sharma	Advanced & Compact IoT-Based System For Home Automation And Intelligent Electricity Management	Published (2023)
87	2023	202311037475	Mr. Aditya	Intelligent Waste Segregation: Enhancing Efficiency Through Smart Dustbins For Dry And Wet Waste	Published (2023)
88	2023	202311037396	Mr. Abhishek Dadhich	Digital System For Student'S Presence	Published (2023)
89	2024	202411000987	Mr. Aditya Pareek	PawsGuard Pro: Integrated GPS-GSM Pet Tracker with Heartbeat Monitoring	Published (2024)
90	2024	202411000979	Mr. Aditya Pareek	CamScanPay: QR Code Payment Authentication with Fingerprint Security	Published (2024)
91	2024	202411000922	Mr. Indra Kishor	IoT Enable Extended Reality for College Virtual Tour: An Immersive Mobile Application with Real Voice	Published (2024)
92	2024	202411001312	Ms. Himani Jangid	Sustainable AgriTech: A Comprehensive IoT Approach to Smart Farming	Published (2024)
93	2024	202411001543	Mr. Nakshatra Kumar Gupta	Innovative Smart Mirror: A Fusion of Technology and Elegance	Published (2024)
94	2024	202411001779	Mr. Kunal Sharma	Integrative Solar-Electric Vehicle Power System with High-Efficiency Battery Management	Published (2024)
95	2024	202411025820	Ms. Alka Rani	Street Light Advanced Emergency Sensor and Switch System	Published (2024)



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96	2024	202411025772	Ms. Aniva Sharma	TempFlow Hydration: Your Personalized Thirst Quencher	Published (2024)
97	2024	202411025774	Ms. Alka Rani	Licence Plate Recognition System for Anti-Counterfeiting	Published (2024)
98	2024	202411025781	Mr. Indra Kishor	IoT-Enhanced Collaborative Robot: Intelligent Solutions for Advanced Healthcare and Home Security with AR Integration	Published (2024)
99	2024	202411026398	Mr. Vikash Sharma	Smart Glove System Enabling Gesture-Driven Speech Interface for Augmentative and Alternative Communication (AAC) in Speech-Impaired Individuals	Published (2024)
100	2024	202411025837	Mr. Abhay Choudhary	Development of Vehicle Monitoring System	Published (2024)
101	2024	202411026396	Mr. Rajendra Singh	To protect the Healthy with sensors in Jacket utilizing Modern Technology	Published (2024)
102	2024	202411026387	Ms. Jayshree Surolia	Mobile Device Based Communication System for Alerts, Pertaining to Women Safety	Published (2024)
103	2024	202411026385	Dr. Payal Bansal	Water Saving Module by Integrating Flush Model System	Published (2024)