

INTELLECTUAL PROPERTY RIGHTS DETAILS

S.No.	Type of IPR (Patent/Copy right/Trade marks/ logos etc)	Title	Date of filing (DD-MM-YYYY)
1.	Patent	A novel Sparse Signal Processing approach for 5g technology	22-12-2021
2.	Patent	A web enabled smart home gateway for automatic device and network configuration and automatic system updates via IoT.	15-12-2021
3.	Patent	A self power generating electric vehicle with multiple source of energy	17-08-2021
4.	Patent	A Diffused Solar Reflector for use with Solar Tunnel Dryer	13-08-2021
5.	Design Patent	Water purifying and flavour infusion devices	11-08-2021
6.	Patent	AI Based energy sustainability in smart cities	02-08-2021
7.	Patent	A Transportable Solar based Sugarcane Juice Preheating System For Jaggery Making	15-07-2021
8.	Patent	A System for server-driven data synchronization in IOT connectivity and method thereof.	01-08-2021
9.	Patent	A Dynamic user interface in a cloud network using deep learning model	31-07-2021
10.	Patent	Smart recycle lithium ion battery technology for electric vehicle	30-07-2021
11.	Patent	A System for sharing images and multimedia message in a cloud network	13-07-2021
12.	Patent	A System and method based on neural network and hidden markov modelling for predicting drug property	09-07-2021
13.	Patent	Smart Helmet Inbuilt Wireless Communication Kit and System	28-06-2021
14.	Patent	IoT and RFID based optimal positioning of autonomous shock absorber for smart vehicles	25-06-2021
15.	Patent	System and Method of Intelligent Food Vending Machine Kiosk	07-06-2021
16.	Patent	Multi Stage Blade Rotor for Horizontal Axis Wind Turbine	19-05-2021
17.	Patent	Real Time Monitoring of Water Quality Parameters in Aquaculture and Automation of Aerators Based System Using IoT	13-05-2021
18.	Patent	Crowd detection camera to speke the maintain and identify the suspect using Ai-Based programming	10-05-2021
19.	Patent	A Hand-Worn Real-Time Smart Navigation Device useful for the Blind and Visually Challenged People	30-04-2021

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20.	Patent	Production Method of Ceramic Washer Using Rotational Ultrasonic Machining Process	30-04-2021
21.	Patent (IP Australian)	A IOT Based Pandemic Related Smart Health Management System for Industrial Workers	14-04-2021
22.	Patent	System and Method of Intelligent Coffee Vending Machine	10-04-2021
23.	Patent (IP Australian)	Deveopment of smart powering technique using ai based solar tracking system	07-04-2021
24.	Patent (IP Australian)	Smart Wireless Charging Systems for IOT Devices in Home Automation	31-03-2021
25.	Patent	Design and Optimization of High Speed Infrared Heating Furnance	22-03-2021
26.	Patent	A Cost effective solar powered mobile jacket to encounter the charging issues while exploring offbeat places	17-03-2021
27.	Patent (IP Australian)	A Robotic System to Check Battery Quality in Manufacturing Industries Using Artificial Intelligence	12-03-2021
28.	Patent	A Novel Approach For Verification Of Web Services Using Leftright Parser Algorithm	23-02-2021
29.	Design Patent	Quick Change Indexing Jig	18-02-2021
30.	Design Patent	Dowel Jig Set	09-02-2021
31.	Design Patent	Sandwich Drill Jig	02-02-2021
32.	Patent	Development of artificial intelligence based traffic management system for emergency vehicles	31-01-2021
33.	Design Patent	Angle Plate Drill Jig	05-01-2021
34.	Patent	A Smart wearable travel support system for supervising visually impaired people	22-02-2021
	Patent (IP Australian)	An Intelligent Self Protection System for IoT with Cognitive Fog Computing	18.02.2021
35.	Patent	An Effective and reliable grid connected pv system with battery for uninterrupted supply to loads	18-02-2021
	Copy Right	A System for Designing An Integrated Circuit Configuration Using ML Interfaces And CNN Inference	
36.	Patent	A System and Method for eradicating the accidents at steep curved paths	13-02-2021
37.	Patent	A Smart Travel Assistance Device for Guiding Visually Impaired People	30-01-2021
38.	Patent	Giloy leaf identification system	11-01-2021
39.	Patent	Multistage, Filtration of Industrial Waste Water with Automated Supervisory Control Through IoT Cloud Computing Sensor Network System (ICCSNS)	30-12-2020
40.	Patent	Flexible Spacesuit Hand Gloves	18-12-2020
41.	Patent	An Artificial Intelligence Based Health Monitoring And Recommending Precaution Treatments For Diabetes Patient	16-12-2020

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42.	Design Patent	Adjustable Drill Jig	15-12-2020
43.	Patent (IP Australian)	An Automatic door handle with sanitizer using IoT and AI Technologies for personal human care	15-11-2020
44.	Patent	An Ease Handling Based Devise to Peel Fodders Skin	10-11-2020
45.	Patent	Peak to average power ratio reduction method for mimo-ofdm system	10-11-2020
46.	Patent	Novel Development Process for Homogeneous Distributions of Nanoparticles With Aluminium Alloys	05-11-2020
47.	Patent	An Automatic image based mango quality prediction, estimation and selling using mobile platform	15-10-2020
48.	Patent (IP Australian)	Intelligent Shopping Card by using Internet of Things (IoT), Artificial Intelligence (AI) and Machine Learning (ML) Technologies	14-10-2020
49.	Patent	A survival of Smart Classroom Integrated IoT used in Campus with Fully Cloud Computing	12-10-2020
50.	Patent	Identification of Missing Person/Criminal/If any based-on Internet of Things (IoT) and Deep Learning Technique	03-10-2020
51.	Patent (IP Australian)	Underwater Robots Design and Control Mechanism using Particle Swarm Optimization Algorithm	01-10-2020
52.	Patent (IP Australian)	Auto-Powered Assistive Device for Visually Impaired people	26-09-2020
53.	Patent	Providing quick rural and remote nursing care for elderly people using location-based medical record system	24-09-2020
54.	Patent	Surface Engineered Corrosion Free And Antibacterial Bio-Implants	18-09-2020
55.	Patent	A Novel Approach of Biomarker Detection by Optical High Sensitivity Nano Sensors	30-08-2020
56.	Patent	Design And Development Of Planar Micro strip Antenna For Wireless Sensor Network Communication	09-08-2020
57.	Patent	Cyber security Analysis Technique to Detect Possible Violent Human Behaviors	09-08-2020
58.	Patent	Wearable Protective Device With IoT Enabled Monitoring System	07-08-2020
59.	Patent	Wearable Protective Device With IoTEnabled Monitoring System	07-08-2020
60.	Patent	Wearable Protective Device with IoT Enabled Monitoring System	07-08-2020
61.	Patent	Embedded Data Streaming System for Roadside Sensor Monitoring Application	07-08-2020
62.	Patent	Internet of Things (IoT) Enabled Smart Camera for Automatic Attendance Management System of a Students / Employees based on the Deep Learning Approach	03-08-2020
63.	Patent	Automatic Fault Failure Detection Mechanism of Electronic Circuit Board of Consumer Appliances	30-07-2020
64.	Patent	A Novel method for emotion detection of child autism spectrum disorder(asm) using machine learning	13-07-2020

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65.	Patent	Contactless multi-biometric recognition system for the safety and security in critical region	02-07-2020
66.	Patent (IP_Australia)	Moving Multi Object Detection Localization in Vision Enabled Wireless Sensor Networks	27-06-2020
67.	Patent	A System for agriculture field monitoring and pest controlling	27-06-2020
68.	Patent	Intelligent Room: Disinfecting (Covid19) Room Air Using Machine Learning System	22-06-2020
69.	Patent	Amphibious Robot for Plastic Removal from Water Bodies	22-06-2020
70.	Patent	Coronavirus detection 5-g mobile app: an app which enables a mobile phone to detect the coronavirus.	16-06-2020
71.	Patent	Automated Food Freshness Detection using Feature Deep Learning	05-06-2020
72.	Patent	Voice Assisted Neuro-Fuzzy Deep Learning Technique to Elderly and Disabled for Flexible and Secure Navigation	27-05-2020
73.	Patent	ID- Validation and tracking system: digital identity validation and tracking system using machine learning, deep learning programming	16-05-2020
74.	Copyright	Neural Networks for Smart Data Storage Usage	29-04-2020
75.	Patent	A Method To Emotional Component And Intrapersonal Cognitive Detection Of A Person Using Machine Learning	04-04-2020
76.	Patent	Automated vegetation mapping approach of crops through satellite image fusion and convolution neural networks-based classification	02-04-2020
77.	Patent	A Novel Multiple-Access Edge Computing Technique FOR Ultra-Reliable Low-Latency Communication (URLLC), and Massive Internet of Things (IoT) In 5G Networks	02-04-2020
78.	Patent	Enterprise Iot-Based Application Development Platform Using Machine And Deep Learning	27-03-2020
79.	Patent	HTVM-block chain system: healthcare transaction validation and medical observation care using block chain system.	21-03-2020
80.	Patent	Medical emergency alert scheme through wireless sensor network and the cloud computing at populated places	03-03-2020
81.	Patent	System for walking Assistance device for visually impaired person using machine learning	20-02-2020
82.	Patent	The Traffic management system based on density and flow control mechanism	06-02-2020
83.	Patent	A Cost-Effective System for Driver Drowsiness Detection	05-02-2020
84.	Patent	Water cooler cum heater with tube in tube heat exchanger	01-02-2020
85.	Patent	System and Method for Agricultural Grievance Management	02-01-2020
86.	Patent	Wireless mesh networks lifetime maximization for machine to machine communication	19-12-2019
87.	Patent	IOT Sensors based Multi-Functional and Intelligent Walk Guiding Stick for Visual Disabled Person.	12-12-2019
88.	Patent	Method of Lung Cancer Detection Using Machine Learning Based CT-Scan Image Processing	06-12-2019
89.	Patent	Artificial light power generating solar panel system	03-12-2019

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90.	Patent	Memory Architecting based on Design of Domain Wall Memory Technique	02-12-2019
91.	Patent	System And Method For Reducing The Antenna Radiation Of A Portable Electronic Device	14-11-2019
92.	Patent	RMT-Aaps: Railway maintainace Status Track Through Mobile AAPs	16-10-2019
93.	Patent	Computer implemented method with static cluster pbda localization algorithm used for wireless nanosensor networks	09-10-2019
94.	Patent	Method for Maximum Energy Utilization in Internet Of Thing Networks	09-10-2019
95.	Patent	Method of Load Distribution Balancing for Fog Cloud Computing in IOT Environment	03-10-2019
96.	Patent	System and Method for Data Security Using DNA Cryptography Based Encryption	01-10-2019
97.	Patent	Internet of Things [IoT] enabled Dustbin Management System	22-09-2019
98.	Patent	Internet of Things [IoT] enabled multipurpose chair	15-09-2019
99.	Patent	Design of Textile Array Antenna	12-09-2019
100.	Patent	Mechanization silver halide erector for printed circuit board film printing using programmable logic controller	11-09-2019
101.	Patent	System and Method for Automatically Detecting Plagiarism	26-08-2019
102.	Patent	System And Method For Managing Association And Dis-Association Of Files Amongst Users	16-08-2019
103.	Patent	I-Soil Test: Intelligent IOT Based Soil Fertilization Test and Their Solution	07-08-2019
104.	Patent	IWM: Technology: Intelligent Water Management Technology	02-08-2019
105.	Patent	Access Network Selection System, Device, And Method For Reducing Specific Absorption Values For Cell Phones	29-06-2019
106.	Patent	Smart Healthcare using iot-aware architecture for realtime health monitoring	18-06-2019
107.	Patent	Internet of Things [IoT] enabled Railway Gate System for Early Detection of the Movement of the Train	24-05-2019
108.	Patent	Internet of Things [IoT] enabled Automatic Detection and Remote Monitoring the Overload of the Vehicles	22-05-2019
109.	Patent	In-Mouse: Intelligent Mouse with Memory	10-05-2019
110.	Patent	A system for cooling a space	18-04-2019
111.	Design Patent	Foldable Emoticon Based Keyboard	11-04-2019
112.	Design Patent	Digitized Wall Clock with Speakers	11-04-2019
113.	Patent	System and Method of Providing Assistance for Monitoring Land Encroachment	24-01-2019
114.	Patent	System and Method for Online Inspection and Audit of Educational Institutions	10-01-2019
115.	Patent	Intelligent Shopping Assistance and in-store Navigation using Aerial Drones	24-11-2018
116.	Patent	TBS-System: Third Level Biometric App Security System	14-09-2018
117.	Patent	HD-Box: tv-channel cost calculate per second usage	14-09-2018

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118.	Patent	A-Security: advanced security system using beagle bone kit and rfid kit	14-09-2018
119.	Patent	A Hybrid Method to Identify Optimal Initial Cluster Center for Clustering	06-08-2018
120.	Patent	DLVBI-SYSTEM : Driver's license validation using biometric intelligent system	02-08-2018
121.	Patent	ATC-System: Advanced Traffic Control System By Using Intelligent Technology	02-08-2018
122.	Patent	WVTI-System: Worker Verification and Tracking Intelligent System	02-08-2018
123.	Patent	Intelligent Shopping Cart with Personalized Recommender System	13-07-2018
124.	Patent	Contactless Selfie Ticket Payment System	01-05-2018
125.	Patent	An Air Quality Mobile Monitoring device	21-07-2017
126.	Patent	System and method for strengthening security of cloud data	29-01-2016
127.	Design Patent	Augmented Power Generator	10-03-2015