



Patents Published During the Years 2019

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Published Date / Granted Date (DD/MM/YYYY)
1	2017410 22483	Published	Dr.E.Laxmi Lydia	Accomplishment of dpiitdpiitdpiitpay as you go dpiitdpiit approach on entity resolution for data integration and data privacy	Dr.E.Laxmi Lydia	22-02-2019
2	2018410 12146	Published	VIGNAN'S INSTITUTE OF INFORMATI ON TECHNOLO GY	Microcontroller based tongue operated system for an ambulation device and method thereof	Dr. Rudra Pratap Das Dr. Aggala Naga Jyothi Mr Achanta Sampath Dakshina Murthy Mr Govindasamy Thiagarajan	04-10-2019
3	2019410 18126	Published	Dr NARASIMH AM CH MOHAN MAHANTY	Block chain based automatic attendance registration system with stable digital security identification using facial, voice, bio-metric reorganization and/or qr codes	Dr NARASIMHAM CH MOHAN MAHANTY	24-05-2019

4	2019410 43934	Published	Dr. T. KARTHIKEY AN	IOT system to detect and analyse gait of an individual and method employed thereof	SAMPATH DAKSHINA MURTHY ACHANTA	01-11-2019
5	2019410 48019	Published	G.INDIRA DEVI	Self-rechargeable drone	G.INDIRA DEVI	06-12-2019



Patents Grant During the Year 2020

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Published Date / Granted Date (DD/MM/YYYY)
1	2020102442	Granted	Madhusudhana Rao, T. V.	Auto-powered assistive device for visually impaired people	Madhusudhana Rao, T. V.	28-10-2020

Patents Published During the Year 2020

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Published Date / Granted Date (DD/MM/YYYY)
1.	201941054851	Published	Dr.Pattisapu S.N.Murthy	Smart wearable reminder device	Dr.Pattisapu S.N.Murthy	03-01-2020
2.	202011028491	Published	Dr. E Laxmi Lydia	System for networked remote online teaching with electronic learning board	Dr. E Laxmi Lydia	14-08-2020
3.	202031019607	Published	Dr. E Laxmi Lydia	Method for diagnose medical problem through medical image processing using big data and machine learning	Dr. E Laxmi Lydia	12-06-2020
4.	202041015862	Published	Dr.A.Naga Jyothi	Hexagonal splitting resonator based ultra-wideband Ipda	Dr.A.Naga Jyothi	22-05-2020
5.	202041026102	Published	Bhuvanawari.N	An iot integrated solar cooker for small and medium scale restaurants	1)Bhuvanawari.N	24-07-2020

6.	202041026103	Published	Dr. E Laxmi Lydia	Apparatus for monitor and treatment of carpal tunnel syndrome	Dr. E Laxmi Lydia	10-07-2020
7.	202041031127	Published	Dr. E Laxmi Lydia	Method for healthcare assistance by artificial intelligence based chatbot using natural language processing	Dr. E Laxmi Lydia	31-07-2020
8.	202041034060	Published	Dr G Neelima	Hybrid response and traffic control algorithm (HRTC) based congestion detection and control technique in denser iot networks	Dr G Neelima	04-09-2020
9.	202041034152	Published	Dr. ROJEENA ABY MATHEW Dr. KODUGANTI VENKATA RAO Mr. MADDALA PADMAKAR Mr. KARRI SRINIVAS	Low-cost automatic car disinfection system model to reduce potential sources of infection transmitting sars covid-19	Dr. ROJEENA ABY MATHEW Dr. KODUGANTI VENKATA RAO Mr. MADDALA PADMAKAR Mr. KARRI SRINIVAS	04-09-2020
10.	202041039079	Published	Dr.P.RAMESH	Wireless fidelity with dynamic authentication method	Dr.P.RAMESH	18-09-2020
11.	202041043841	Published	Dr. Rojeena aby Mathew Dr. V. Madhusudhan rao Mr. Marada srinivasa rao Mr. Maddala padmakar Mr. Praveen nadupuri Mrs.Puja Prasad	Itca- recycling of dredging material: intelligent technology to recycling of dredging material and sand for construction activities (value added products)	Dr. ROJEENA ABY MATHEW Dr. V. MADHUSUDHAN RAO Mr. MARADA SRINIVASA RAO Mr. MADDALA PADMAKAR Mr. PRAVEEN NADUPURI Mrs.PUJA PRASAD	30-10-2020
12.	202041048753	Published	Dr. E. Laxmi Lydia	Method for semantic segmentation of digital image in electronic device interface using machine learning	Dr. E. Laxmi Lydia	13-11-2020



Patents Grants during the Year 2021

Sl. No.	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Published Date / Granted Date (DD/MM/YYYY)
1	2021106836	Granted	GUDIKANDH ULA NARASIMHA RAO	Identification of forest fire susceptibility using gis and neural network approaches	GUDIKANDHULA NARASIMHA RAO	03-11-2021
2	2021102309	Granted	K.S. Raghuram	An efficient iris recognition system with complete local ternary pattern feature extraction and classification method	K.S. Raghuram	16-06-2021
3	2020103586	Granted	Daniel, Ravuri; Bode, Prasad; Jalumuri, Anitha; Gogineni, Himabindu; Kiran Pasam, Prudhvi;	Lnum- human immune detection system: human immune level detection and notification system using mobile phone	Daniel, Ravuri; Bode, Prasad; Jalumuri, Anitha; Gogineni, Himabindu; Kiran Pasam, Prudhvi;	20-01-2021
4	2021104156	Granted	Sukanya, Y.; Uma, D.	A system comprising of an antenna for ultra-wide band (uwb) with adequate gain and bandwidth	Sukanya, Y.; Uma, D.	25-08-2021
5	2021102961	Granted	Sampath Dakshina Murthy Achanta	An iot based system for tracing and recognizing an object	Sampath Dakshina Murthy Achanta	30-06-2021
6	2021101814	Granted	Achanta, Sampath Dakshina Murthy;	A novel image denoising method with hybrid dual tree complex wavelet transform	Achanta, Sampath Dakshina Murthy;	02-06-2021
7	2021104394	Granted	MURTHY, SATYANARA YANA;	Design of solar energy system with effective extraction with lab view environment	MURTHY, SATYANARAYAN A;	02-09-2021



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1	202011006637	Published	Vummadiseti Sudhir	A loading test apparatus and method thereof.	Vummadiseti Sudhir	03-09-2021
2	202141007441	Published	Mr.Sampath Dakshina Murthy Achanta	Enhanced image compression system with parallelized binary search tree optimization method for medical images	Mr.Sampath Dakshina Murthy Achanta	26-02-2021
3	202141007545	Published	Dr.E.Laxmi Lydia Dr. Pudi Sekhar	Voice controlled writing instrument using machine learning	Dr.E.Laxmi Lydia Dr. Pudi Sekhar	26-02-2021
4	202141019150	Published	Dr.K.S.Raghuram	A system based on neural network to refine the heuristic data with image processing techniques	Dr.K.S.Raghuram	07-05-2021
5	202141027189	Published	Dr.Gudikandhula Narasimha Rao	A vehicle system with haptic output for impaired based on machine learning & artificial intelligence interfaces	Dr.Gudikandhula Narasimha Rao	02-07-2021
6	202141031030	Published	Bode Prasad Prudhvi Kiran Pasam	Teachable oxygen flow control and monitoring system	Bode Prasad Prudhvi Kiran Pasam	16-07-2021
7	202141050901	Published	Mr.Sampath Dakshina Murthy Achanta	A medical image processing system, image	Mr.Sampath Dakshina Murthy Achanta	03-12-2021

				processing method, and medical 8 image processing device		
8	202141055255	Published	Mr. Viswanathasarma Ch	IoT and wireless sensor network based intelligent home bell system for effective house protections	Mr. Viswanathasarma Ch	10-12-2021