IES College of Engineering

Patent Details

Sl.No	Title of the Patent	Patent Number	National /International	Published/Granted
1.	Data Processing Equipment with Dynamic Input Controls	6423178	International	Published
2.	Networking Monitoring Computer	6415861	International	Granted
3.	Voice Command Intelligent Assistant Device	6388561	International	Granted
4.	Next Step Towards Sustainable Agriculture Using Blockchain Technology	202241049422	National	Published
5.	Automatic Behavior Prediction for rule-based data processing using machine learning	202341004315	National	Published
6.	System and method for Automated Geotechnical Site Characterization using machine learning and Remote sensing Data	TEMP/E-1/50182/2023-CHE	National	Published
7.	Estimation of soil strength using artificial intelligence method in geotechnical engineering.	202321037972	National	Published
8.	A system for detecting the concentration of gases in soil using AI and ML interfaces	202121042807	National	Published
9.	A robotic device for killing bed sheet bacteria	202241000845	National	Published
10.	InterChip Optical wireless communications in 6G	202241007052	National	Published
11.	A system for controlled drug delivery for anesthesia	202241021198	National	Published
12.	Diabetes 3D care using deep learning method	202241021197	National	Published
13.	Blockchain based positioning of solar panels for maximizing energy	202241021195	National	Published

	production			
14.	Blockchain based high secured smart ledger system for storing vaccination	202241024857	National	Published
15.	Next step towards sustainable agriculture using Blockchain	202241049422	National	Published
16.	A self-protection shoe to safeguard women against dangers	2020102825	International	Granted
17.	Solar Powered unmanned robot in army	202141009491	National	Published
18.	Sustainable Development Goals achievements using AI	2021100737	International	Granted
19.	An embedded digital watermarking framework using deep learning network	202141015740	National	Published
20.	Employee Performance Management Method and System	202141020144	National	Published
21.	An intelligent secure and smart embedded ventilator system	202141026265	National	Published
22.	IOT enabled smart and secure e campus	202141022930	National	Published
23.	Lithium ion battery range and SOC prediction for electric vehicle	202141020402	National	Published
24.	Quantization and training of object detection using low bit width convolution neural networks	202141029270	National	Published
25.	A system for blockchain linked loT based Railway Digital Display Reader	2021103317	International	Granted
26.	A smart electromechanical standing ventilator for intensive care unit	2021104074	International	Granted
27.	An Artificial Intelligence Enabled Cryptography Based Financial Analytical Tool	202111036657	National	Published
28.	Mathematical application technology for IOT data	202141052317	National	Published

	analysis and optimization			
29.	Localization method using integrated sensors in autonomous scrubbing robots for industrial cleaning	2021101252	International	Granted
30.	Depth and accelerometer sensor based magnetic extensometer for the measurement of subsoil settlement physics.	202141031258	National	Published
31.	Quality Healthcare and Reduced Healthcare Spending achieved through Artificial Intelligence and Big Data	201941031693	National	Published
32.	A system and method of internet of things based intelligence greenhouse surviving system with cloud computing	201941033012	National	Published
33.	Design of Big Data and IOT systems in health care for remote patient monitoring in hospitals	201941039638	National	Published
34.	An intelligent, Secure and smart ventilator system	202141026265	National	Published
35.	IOT-Integrated Renewable Energy Pole For Speed Detection And Monitoring	451891-001	International	Granted
36.	Efficient power distribution unit with smart energy monitoring device	6391529	International	Granted
37.	Real time Online Water Quality Monitoring Device	6421941	International	Granted
38.	Automatic Behavior Prediction for rule-based data processing using machine learning	202341004315	National	Published
39.	Quantization and training of object detection using low bit width convolutional neural networks	202141029270	National	Published
40.	Estimation of soil strength using artificial	202321037972	National	Published

	intelligence method in geotechnical engineering. .			
41.	AI enchanced drone spraying for precision farming	6360303	International	Granted
42.	Coconut opener device	6360304	International	Granted
43.	Pen to text converter device	6360305	International	Granted
44.	Pyrolysis plant	6360306	International	Granted
45.	Vegetable cutter machine	6360309	International	Granted
46.	Smart trolly	6360307	International	Granted
47.	Solar powered phone holder	6360308	International	Granted
48.	AI Drone for precision crophealth monitoring	6360302	International	Granted
49.	AI-powered IOT integrated smart die manufacturing device	450745-001	National	Applied
50.	IOT integrated renewable energy pole for speed detection and monitoring	451891-001	National	Applied
51.	AI-powered IOT integrated smart die manufacturing device	450745-001	National	Applied
52.	AI-powered IOT integrated smart die manufacturing device	450745-001	National	Applied
53.	AI-powered IOT integrated smart die manufacturing device	450745-001	National	Applied
54.	AI-powered IOT integrated smart die manufacturing device	450745-001	National	Applied