DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY

Patent for the Academic Year 2022-2023

S. No.	Title of the Product/Patent	Name of the Inventor	File No	Published Date
1	A secure routing protocol in opportunistic internet of things network using machine learning approach	Ms. Preethi T. AP, CSE, KPRIET	202241062660A	18.11.2022
2	ML Based Automatic Abnormal Environment Detection using Smart Surveillance in Banks	Mr. Kathiresan K. AP, CSE, KPRIET	202241065428	25.11.2022
3	Portable Plantation	Dr. Siva Sangari M. AsP, CSE, KPRIET	202241063798A	18.11.2022
4	A Hybrid Deep Neural Network-Based Intrusion Detection System	Dr. Jenifa G. AP, CSE, KPRIET	2022/10003	26.10.2023
5	IoT-driven Healthcare System for Glioma Brain Tumor Detection and Classification Model Using Deep Learning	Ms. Primya T. AP, CSE, KPRIET	202241076949 A	06.01.2023
6	Medical Data Classification using Dimensionality Reduction Combined with Hybrid Support Vector Neural Network	Dr. Senthil Prakash P. N. AP, CSE, KPRIET	202341001747	18.01.2023

7	Air Pollution and Quality Monitoring system using AI and IoT	Ms. Geetha S. K. AP, CSE, KPRIET	202241075088	30.12.2022
8	Nano technology based sensors for monitoring soil quality of agricultural field and maintaining health of agricultural plants	Dr. Suresh P. AsP, CSE, KPRIET	202341002989 A	March
9	An Artificial Intelligence(AI) based self-Administered injectable drug assembly and method thereof	Dr. Aswathy R. H. AP, CSE, KPRIET	202341002989 A	17-02-2023
10	An Improvised Model that uses machine learning for the purpose of forecasting the price of Bitcoin	Dr. Vidhya K. AP, CSE, KPRIET	202341002989 A	03-01-2023
11	IoT- Driven Design System of Surface Crack Detection using Machine Learning for Smart City	Mr. Mohan M. AP, CSE, KPRIET	202241054229	30/09/2022
12	Detection of autism spectrum disorder in EEG signal using Artificial Intelligence	Dr. Sivaramakrishnan R. AP, CSE, KPRIET	202341011889 A	17/03/2023
13	Hybrid Classification scheme for plant disease recognition and detection in Image Processing	Mr. Naveenkumar M. AP, CSE, KPRIET	202331015476 A	17/03/2023

14	Agriculture Monitoring system based on Internet of Things by deep learning feature fusion with classification	Dr. Saravanan M. AsP, CSE, KPRIET	202241071790A	30/12/2022
15	Implementation of Machine Learning and IOT for early warning and detection of earthquakes in coastal area	Ms. Sri Sathya K. B. AP, CSE, KPRIET	202341014259	01/03/2023
16	Systematic Deep Neural Network Development for Automatic Bone Age Assessment using Medical Images	Dr. Nisha Soms AsP, CSE, KPRIET	202341010194 A	01/02/2023
17	Early Melanoma skin Cancer detection and staging using AI and ML	Ms. Jency A Jebamani B. AP, CSE, KPRIET	202341016560 A	24/03/2023
18	Design Patent - Rechargeable and Portable Sanitary Pad Disposable Machine	Dr. Siva Sangari M. AsP, CSE, KPRIET	377704-001	May 2023
19	An Artificial Inteeligence and MAchine Leraning system to diagose and treat Neurological Disorders	Dr. Jenifa G. AP, CSE, KPRIET	202341027391 A	May 2023
20	IOT Cloud Be Helped By Using Photovoltaic Cells To Power Wireless Tags That are Built Into Flexible Pervoskities.	Mr. Nitin B Raut AP, CSE, KPRIET	202321027525	May 2023