



PANIMALAR ENGINEERING COLLEGE

An Autonomous Institution
[JAISAKTHI EDUCATIONAL TRUST]

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

PATENTS

AY 2023-24

S. NO.	NAME OF THE INVENTOR(S)	TITLE OF INVENTION	DATE OF FILING	PATENT NO. (OR) APPLICATION NO	STATUS PUBLISHED/ GRANTED
1.	Dr. S.Malathi, et., al.,	MPK Elite Humanoid Robot for Intelligence Hostage	03.06.2019	539538	GRANTED
2.	Dr. A.N. Arularasan, et., al.,	Artificial intelligence based ultraviolet disinfecting device for medical instruments	29.05.2023	387238-001	GRANTED
3.	Dr. C.Gnanaprakasam, et.al.,	Machine Learning based Device for Enhancing Computer Network safety	26.12.2023	403158-001	GRANTED
4.	Dr. S.Chakaravarthi, et., al.,	Machine learning-driven multispectral fusion for enhanced object detection in remote sensing images	02.11.2023	202341074580	PUBLISHED
5.	Ms. K.Charulatha, et., al.,	IoT fire sensor and iot smart safety management system	5.11.2023	202341075483	PUBLISHED
6.	Dr. W.Gracy Theresa, et., al.,	Artificial intelligence based solar powered alert system for Landslide prediction	10.08.2023	202341053565	PUBLISHED
7.	Dr. C.Bharanidharan, et., al.,	The invisible flow of current and infinite USE of current from renewable source for domestic application	2.2.2024	202441007058	PUBLISHED
8.	Dr. C.Bharanidharan, et., al.,	Innovative battery bridging technology for ultra-fast all electric applications	08.11.2023	202441002149	PUBLISHED

9.	Mr. C.Vivek, et., al.,	An improved real time object detecting capable of being adapted in real time for use in traffic surveillance by utilizing R-CNN in place of CNN	14.03.2024	202441018913	PUBLISHED
10.	Mr. C.Vivek, et., al.,	Intelligent parking area surveillance system	12.04.2024	20241028082	PUBLISHED