



Sl No	Faculty Name	Title of Patent/ Copyright	Application No	Date	Current Status
1	Dr. Indrajit Pan	A LED Based Colorimeter Device	PCT/IN2016/000206	11/08/2016	Published (23/02/2017)
2	Dr. Indrajit Pan	System and method for generating cyber security analytics of enterprise data using threat based artificial intelligence	202241007240	10/02/2022	Published (04/03/2022)
3	Dr. Indrajit Pan	Machine learning based IOT device to detect ALZHEIMER'S Disease using voice based speech processing	202241010036	24/02/2022	Published (04/03/2022)
4	Dr. Indrajit Pan	Intelligent wearable brain machine interface to assist paralyzed people	202241011680	03/03/2022	Published (18/03/2022)
5	Dr. Indrajit Pan	Design of machine learning classification algorithms using image processing for detection of vegetable crop disease	202241012480	08/03/2022	Published (18/03/2022)
6	Dr. Indrajit Pan	Artificial bionic eye to assist visually impaired people with artificial vision	202241013336	11/03/2022	Published (25/03/2022)
7	Dr. Indrajit Pan	Machine learning based system to translate text to sign language using natural language processing to assist deaf and hearing impaired people	202241014150	16/03/2022	Published (25/03/2022)
8	Dr. Indrajit Pan	Intelligent robotic exoskeleton and brain sensing headband to enable paralyzed people to locomote	202241020094	02/04/2022	Filed (02/04/2022)
9	Dr. Abhijit Das	ASLS – Methods and Apparatus for Microcontroller based Automated Shadow Lighting System	201931044529	10/04/2020	Published
10	Dr. Abhijit Das	LCDL – Method and Apparatus for Dynamic Lighting System”	201931054688	29/05/2020	Published
11	Dr. Abhijit Das	A novel PIXEL board Controller for Animation”	202031029347	23/10/2020	Published
12	Dr. Abhijit Das	IoT based Growth Monitoring System for Crops and Fruits”	202131009490	07/03/2021	Published
13	Dr. Abhijit Das	Cloud controlled Soil watering and Soil monitoring system	202231014137	15/03/2022	Published
14	Dr. Hiranmoy Roy	Underwater Image Enhancement Device Using Interval Type-2 Fuzzy Based CNN	202131036933	15/08/2021	Published
15	Dr. Hiranmoy Roy	Cloud Based Distributed Internet of Things Enabled Intelligent Colorimeter Using Color LEDs	202131047448	19/10/2021	Published
16	Dr. Abhijit Das	600 pixel LED board controller for dynamic lighting patterns based on Thoranam Theorem	L-93276/2020	19/06/2020	Registered
17	Dr. Abhijit Das	DMX Protocol based Cost-effective LED Strip Driver Circuit”	L-94457/2020	10/08/2020	Registered



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18	Dr. Abhijit Das	GREEN DOCTOR – A Complete Solution to Detect Plant Disease”	L-98217/2021	01/11/2020	Registered
19	Dr. Abhijit Das	8*8 LED line chaser circuit for shadow lighting	L-99922/2021	17/01/2021	Registered
20	Dr. Abhijit Das	IoGMT-Internet of Growth Measuring Things for Monitoring Radial Growth of plant using 2-Axis Joystick	L-100398/2021	01/02/2021	Registered
21	Dr. Abhijit Das	Remote Sensing based Soil Parameter Testing System for Crop Yield Prediction	L-102279/2021	06/03/2021	Registered
22	Dr. Abhijit Das	IoBMT – Internet of Biomass Things for Sustainable Smart Villages	L-104955/2021	01/06/2021	Registered
23	Dr. Abhijit Das	Design and Development of In System Programming (ISP) for NXP Microcontroller using RS232 Protocol	L-105757/2021	22/06/2021	Registered
24	Dr. Abhijit Das	HELPHOVER : A Service Provider Management App	L-111767/2022	28/06/2021	Registered
25	Dr. Hiranmoy Roy	Fuzzy based Real Time Underwater Image Enhancement Device	L-99566/2021	2021	Published