



**VIVEKANANDHA COLLEGE OF
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Patent Details 2023-2024

S.No	Faculty Name & Designation	Dept	Title	Patent/ Application No.	Date of Published
Published					
1	T.Haritha, T.Janani	IT	Intelligent Ai With Machine Vision For Reading Recognition System	202321055087	03.08.2023
2	Dr.S.Radha, Ms.C.Visali	IT	Signs with Smart connectivity for Better Road Safty	202341060756	06.10.2023
3	S.Fowjiya	CST	IoT Based Sustainable Agriculture for Smart Farming	202341063580	06.10.2023
4	Dr. A. Muthu Kumara Pandian	BT	Method Of Screening And Extraction Of Bio Emulsifier Producing Microorganism From Petroleum Contamin	202341039549	08.09.2023
5	A.Devendhiran	CST	Smart Vehicle Tracking and Route Suggestion System for Fleet Operator using Machine Learning Algorithm	202341068803	24.11.2023
6	Dr.S.Radha Ms.C.Visali Ms. P.Sudha Ms.I.Kalaiyarasi Mrs. B.Madhubala	IT	Early Forest Fire Detection Based On Artifical Intelligence	202341080986	29.12.2023
7	A. Pradeep	EEE	A Machine Learning-Based Approach for Sensor Fault Detection In Battery Management Systems	202441010827	15.02.2024
8	Dr.N.Magendiran	CST	Machine Learning-Based Approaches for Direct-To-Consumer (D2c) Ecommerce Data Strategy and Sales Prediction	202441029183	19.04.2024
Granted					
1	Dr P T Kalaivaani	ECE	Agricultural Drone For Pesticide Spray	6286737	09.06.2023 Intellectual office UK
2	Dr P T Kalaivaani	ECE	Novel Cloud Based Life-Saving Wearable Device for Hospital Alert Management	6291246	27.06.2023 Intellectual office UK

3	Mr.R.Dhanapal	BME	Water Purification Device	389719-002	29.09.2023
4	Dr.K.Baskar	BME	IOT Enabled Physical Rehabilitating Unit	393780-001	28.08.2023
5	Dr. R. Nithya	CSE	Apparatus For Measuring Horizontal Angulation In Knee Radiography	389720-002	12.10.2023
6	Mrs.S.Fowjiya	CST	Device for Detection of Cancer	389720-001	05.10.2023
7	Dr. P. T. Kalaivaani, Dr.V.M.Senthilkumar, Dr.S.Kokila	ECE	Artificial Intelligence Based Humanoid Robot for security	389718-003	05.10.2023
8	Dr. P. T. Kalaivaani, Dr.V.M.Senthilkumar, Ms.G.Rajeswari	ECE	Tyre Pressure Monitoring device	389718-001	03.10.2023
9	Dr. P. T. Kalaivaani, Dr.V.M.Senthilkumar, Ms.G.Rajeswari	ECE	Tyre Pressure Monitoring Apparatus	389718-002	11.10.2023
10	Dr.KCK.Vijayakumar, Dr. P. T. Kalaivaani, Dr.V.M.Senthilkumar, Dr.S.Kokila	ECE	IoT Enable Device for Security	389718-004	08.12.2023
11	Dr.S.Gnanmurugan Dr.K.Satheskumar	ECE	Accident Notifying Device for Two Wheeler Vehicle	389721-001	05.04.2024
Filed					
1	Dr P T Kalaivaani	ECE	Audio Alert Broadcasting Device for Women's Safety	394637-001	07.09.23