

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Patent Filed

S. No	Applicant's Name	Inventor's Name	Title	Application No & Patent Filed Date	Status	Country
2022-2023						
1	Dr.J.Preetha, Dr.V.Sharmila, Ds.S.Vijayaragavan ,Dr.E.Punerselvan, Dr.V.Vennila, Dr.M.Somu, Dr.K.Kumaresan, Mr.M.Azhagesan, Dr.C.Anand ,Dr.N.Saravanan, Mr.K.Steephen, Mr.K.Bashkaran	Dr.J.Preetha, Dr.V.Sharmila, Ds.S.Vijayaragavan ,Dr.E.Punerselvan, Dr.V.Vennila, Dr.M.Somu, Dr.K.Kumaresan, Mr.M.Azhagesan, Dr.C.Anand ,Dr.N.Saravanan, Mr.K.Steephen, Mr.K.Bashkaran	Health Monitoring System	369586-001 (Design patent)	Under process	India
2	Dr. E. Baby Anitha	Dr. E. Baby Anitha	Method and Apparatus for Face Recognition Using Artificial Intelligence	202221053962 A (21.09.2022)	Published (30.09.2022)	India
2021-2022						
1	Dr.E. Baby Anitha	Dr.E. Baby Anitha	Determination of movement pattern similarity using Internet of things in congested traffic	2021106243 Filed on 3rd Nov,2021	Granted	Australia
2	Mr.M.Shankar	Mr.M.Shankar	Human robotic interaction by using artificial intelligence.	L108298/2021 13-10.2021	Filed	India
3	Dr. C.Anand	Dr. C.Anand	Design and Analysis of Self-Protection Framework System Integrate with Fog Computing and IoT	20224100757 5 (Published 25/02/2022)	Published	India
4	Dr.A.RajivJKannan	Dr.A.RajivJKannan	Dual Windmill in Highway Power Generation	Patent number: 2021104730 (Granted 4 May 2022)	Granted	Australia
2020-2021						

1	Mr.T.Thanagarsan Mr. R.Ramesh	Mr.T.Thangarasan	Diagnosing and Analyzing the Health Care Symptoms using Apache Hadoop Framework from Medical Big Data	202141001903 15.01.2021	Filed	India
---	----------------------------------	------------------	---	----------------------------	-------	-------

2	Dr.N.S.Nithya	Dr.N.S.Nithya	Hybrid Phase Change Material Embedded Over Glove For Better Comfort With AI Assistance	202141003350 A 05/02/2021	Published	India
3	Dr.K.Vengateshguru and MrsJ.Nirmalagandhi	Dr.K.Vengateshguru and MrsJ.Nirmalagandhi	A Novel Disinfecting Machine for a Portable Object	202111017540 A 23.04.2021 Filed on 15.04.2021	Published	India

2019-2020

1	Dr.N.S.Nithya & Dr.S.Velmurugan	Dr.N.S.Nithya & Dr.S.Velmurugan	An intelligent automated vehicular accident prediction andNotification system	201941046984 29.11.2019	Published	India
2	Dr. T. Poongothai	Dr. T. Poongothai	IoT Based Automatic Falling Detection System For Elderly People	201941042357 18.10.2019	Filed	India
3	Dr.N.S.Nithya & Mr.K.Muthukumaran	Dr.N.S.Nithya & Mr.K.Muthukumaran	Safety Alert Indicator Lighting System For Prediction of Vehicle Movement	202041004460 07/02/2020	Published	India
4	Mr.T.Thangarasan Mr.I.Vasudevan Mr.R.Ramesh Mrs.S.Nirmaladevi Mrs.S.Saranya	Mr.T.Thangarasan Mr.I.Vasudevan Mr.R.Ramesh Mrs.S.Nirmaladevi Mrs.S.Saranya	Information Sensing by Radio Frequency of RFID with Authentication Using Arduino	202041017061 21/04/2020	Filed	India
5	Mr.K.VengateshGuru	Mr.K.VengateshGuru	Design and Development of Low cost Automated Breast Cancer Detection(ABCD) Public Equipment	2020241007848 A 24.04.2020	Published	India

2018-2019

1	1.Dr.A. Rajiv Kannan 2.R. Anitha 3.R.Vijaya Rajeswari 4.P.Nagarajan 5.S.Saranya	1.Dr.A. Rajiv Kannan 2.R. Anitha 3.R.Vijaya Rajeswari 4.P.Nagarajan 5.S.Saranya	A Simple and Effective Device for Detecting and Diagnosing the Earlier Diabetes and Thyroid Abnormal	20194101397 6 A 08.04.2019	Published	India
2	1.Dr.N.S.Nithya 2.Dr.E.BabyAnitha 3.Mr.S. Vadivel 4.Mr.G.Nagarajan	1.Dr.N.S.Nithya 2.Dr.E.BabyAnitha 3.Mr.S. Vadivel 4.Mr.G.Nagarajan	Intelligent double tail comparator for analog to digital convertor	20194101087 0 21.03.2019	Filled	India
3	1.Dr.N.S.Nithya	1.Dr.N.S.Nithya	A Smart intelligent bio degradable waste extractor	20194101087 1 21.03.2019	Filled	India
4	1.Dr.V. Sharmila 2.Mr.I.Vasudevan	1.Dr.V. Sharmila 2.Mr.I.Vasudevan	Intelligent Secure and safety system for the welfare of the women society	20194102243 1 06.06.2019	Filled	India

2017-2018

1.	Dr.A.Viswanathan Dr.V.Sharmila	Dr.A.Viswanathan Dr.V.Sharmila	Power Generation Using Retention of Rotary Motion in a Turbine by Water Currents	E- 2/2692/2017 - CHE07.09.2 017	Filed	India
----	-----------------------------------	-----------------------------------	--	---	-------	-------

2015-2016

1.	Dr.M.Somu Dr.C.Anand Mr.C.Thirumaliselvan Mr.G.Karthick	Dr. M. Somu Dr.C.Anand Mr.C.Thirumaliselvan Mr.G.Karthick	Foot Rest for Indian Baby in Two Wheelers	E- 2/2609/2015 -CHE 15.09.2015	Filed	India
2.	Dr.P.Balamurugan Dr.V.Sharmila	Dr.P.Balamurugan Dr.V.Sharmila	Integrated Securing Schemes for Data Gathering in Wireless Sensor Networks	E- 2/2691/2015 -CHE 18.09.2015	Filed	India