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Patent applied from Jan 2023 onwards

S.No	Inventor Name with Dept and Designation	Application Number	Patent Title	Applicant Name	Date of Filing	Date of Publication	Academic Year
1	Dr. S. Imran Hussain Dr. A. Saranya Dr. P. Baraneedharan	202341001719	Artificial Intelligence based portable electrometric kit for testing nano solutions	Saveetha Engineering College	09-01-2023	27-01-2023	2022-2023
2	Dr. A. Saranya Dr. S. Imran Hussain Dr. P. Baraneedharan	202341001986	Portable spectrometry analysis kit for testing nano solutions	Saveetha Engineering College	05-01-2023	27-01-2023	2022-2023
3	Dr. P. Baraneedharan Dr. S. Imran Hussain Dr. A. Saranya	202341001091	Artificial Intelligence based IoT Robotic vehicle for slurry cleaning	Saveetha Engineering College	05-01-2023	27-01-2023	2022-2023
4	Mr. Srinivasan C Dr. Srigitha S. Nath Dr. Sheeba Joice C Dr. M. Selvi Dr. M. Vanitha Dr. C.T. Kalaivani Mr. Vigneshwaran R Ms. Kamala Priya M Mr. Thulasiragavan P V Ms. Evangeline Priyaa S	202341008343	IoT based Embedded System for Vegetable Cultivation	Saveetha Engineering College	09-02-2023	27-02-2023	2022-2023
5	Dr.Dhandapani ,R Jagadeshwaran	202341008233 A	Modulation Technique having constellation points integrated with Elliptical conic sections for reducing symbol power	Saveetha Engineering College	09/02/2023	17/02/2023	2022-2023
6	Dr.Jeffin Gracewell	202341008296	Design Of Power Board For Intruder Detection Via Drills	Saveetha Engineering College	09/02/2023	17/02/2023	2022-2023

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7	Dr Rajalingam S Dr. Kanagamalliga S Dr Karpaga Priya R Dr. Renugadevi R	202341016194 A	System For Smart Garbage Bin For Power Generation	Saveetha Engineering College	10/03/2023	24/03/2023	2022-2023
8	Dr. Kanagamalliga S Dr Rajalingam S Dr. Vinayagam P Dr. Latha R	202341017565 A	System For Solar-Powered Smart Wheelchair	Saveetha Engineering College	15/03/2023	31/03/2023	2022-2023
9	1)Dr. K.Gokulkannan 2)Mr. A. Madhan 3)Dr.Gunasekaran Thangavel 4)Dr.Karthikeyan Thangavel 5)Mr.Baiju Karun 6)Mr.Asokan V 7)MS.V.Deepa Priya 8)Mr.Pradeep G 9)Karthi J 10)Mrs.Subashree.V	202341007935 A	Mobile Medical Emergency System Based On Blockchain And 5G Communication	Saveetha Engineering College	07/02/2023	15.02.2023	2022-2023
10	Dr.R Jennie Bharathi,Ms.G.Keerthiga,Dr.Vinod kumar,Ms.K. Sakthi,Mr.R.Kannan	202341014652	System And Device For Fall Detection And Prevention	Saveetha Engineering College	04/03/2023	17/03/2023	2022-2023
11	Dr.S.Navaneethan	202341016196 A	Smart Belt For Students' Safety	Saveetha Engineering College	10/03/2023	24/03/2023	2022 - 2023

12	Ms. Deepalakshmi Dr.S.Praveen Kumar Dr.T.Aravind Mr.Dinesh Ram Ms.Ramya Mr.Lingaraja Mr.T.K.Srinivasan	202341013022	Paper Microfluidic And Lateral Flow Immunoassay Technique Based Kit For Detection Of TSH	Saveetha Engineering College	26.02.2023	17/03/2023		
13	Mr.M.Varun Dr.Amit Kumar Varshney Dr.D.Jagadiswary Dr.K.Mithra Mrs.J.C.Elizabeth Mr. Srinivasan C	202141057650	Design System Of Virtual Reality Based Room For Self Quarantine Patients To Improve Their Health	Dr.Beulah jakson	29.12.2021	07.01.2022	2022	
14	Dr.K.Indhumathi Dr.Srigitha S Nath	202241027926	Design of RFID resonator on Pyrex glass	SEC	15/05/2022	03/06/2022	2022	
15	Dr.S.Navaneethan	202241037444	ML based paddy disease avoidance system	Dr.H.S.Mohana	29/06/2022	20.7.2022	2022	
16	Dr.Srigitha S Nath, Dr.Raji Pandurangan,Dr.M.Vanitha,,Dr.Nirmala Devi , Ms.Subba shree	202341010164	An Efficient MRF Models For Detection Of Brain Abnormality Based On MR Images	Dr.Srigitha S Nath	15/02/2023	24/02/2023	2023	
17	Dr.K.Chanthirasekaran	202341054166 A	Privacy And Data Protection In Iot-Driven Mobile Internet Systems	Saveetha Engineering College	11/08/2023	01/09/2023	2023-24	
18	Dr.P.Yuvaraj,Dr.S.Kumaran,Dr.T.Siva kumar	202341043532	Blind Person Intelligent Walking Stick System Integrating Machine Learning And Iot Technology	Saveetha Engineering College	28.6.23	NOT YET PUBLISHED	2023	
19	Dr. P. Vinayagam	202341039385	Modernizing Air Pollution Monitoring System using IoT and machine Learning	Saveetha Engineering College	18.8.2023	NOT YET PUBLISHED	2023	
20	Dr.T.Jaya,Dr.K.Chanthirasekaran	202341063872	Design and Implementation of a Machine Learning-based DecisionSupport System for Sustainable Agriculture using IoT Technologies	Saveetha Engineering College	22/09/2023	06.10.23	2023-24	
	D.T.Jaya	6315481	Machine Learning Based Health Monitoring Wearable Device	Saveetha Engineering	27/9/2023	05.10.23	2023-24	

				College			
21	Dr.M.Sowmiya Manoj,Mr.G.Gandhimathinathan	202341054895	Affordable signal detection for healthcare applications	Saveetha Engineering College	16.08.2023	29.09.2023	2023
22	Dr.K.Indhumathi	202341050621	Vehicle to Vehicle communication between multiple vehicles using LoRA for emergency vehicle alerting		21.07.2023	22.09.2023	2023
23	Dr.K.Indhumathi	202341050614	CPW based hinge shaped resonator with kapton substrate for breast cancer detection on phase change		21.07.2023	22.09.2023	2023

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S.No	Inventor Name with Dept and Designation	Application Number	Patent Title	Applicant Name	Date of Filing	Date of Publication	Academic Year	Patent Granted (Yes/No)
				Patent Applied from June 2022 onwards				
1	Dr.M.Vanitha Mr.M.Varun Dr.Amit Kumar Varshney Dr.D.Jagadiswary Dr.K.Mithra Mrs.J.C.Elizabeth Mr. Srinivasan C	202141057650	DESIGN SYSTEM OF VIRTUAL REALITY BASED ROOM FOR SELF QUARANTINE PATIENTS TO IMPROVE THEIR HEALTH	Dr.Beulah jakson	29.12.2021	07.01.2022	2022	No
2	Dr.K.Indhumathi Dr.Srigitha S Nath	202241027926	Flexible glass for wban applications	SEC	15/05/2022	03/06/2022	2022	Not yet
3	Dr.S.Navaneethan	202241037444	ML based paddy disease avoidance system	Dr.H.S.Mohana	29/06/2022	20.7.2022	2022	no
4	Dr.S.Kumaran	2021141062284	Real Time and Effective high speed Data Acquisition system in IOT Environment using WSN	Dr.E.Sivajothi	31/12/2021	04/02/2022	2022	No
5	Dr.P.Vinayagam	202241059570	IOT BASED AGRI ROBOTIC HANDS FOR PLUCKINGUNDER GROUND CROPS & AUTOMATIC SPRAYING	Dr.P.Vinayagam	18.10.2022	28/10/2022	2022	No

Patent Applied from Jan 2021 onwards

S.No	Name of Faculties	Title of Patent	Date of Filing	Application No	Status
1	Dr.S.Praveenkumar Dr.SrigithaSNath	Automated prediction of chronic obstructive pulmonary disease using deep learning based scanapi	17/12/2021	202141059096A	Published
2	Dr.S.PraveenKumar Dr.Aravind	Force controlled electro thermally activated micro-gripper for bio-manipulation	21/12/2021	202141059793A	Published
3	Dr.K.Indhumathi	IoT based Intelligent Wheelchair for disabled persons	21-12-2021	202141059797A	Published
4	Dr.S.PraveenKumar Dr.Aravind	Microfluidic blood cell separation and detection kit for point of care diagnosis	03/12/2021	202141056273A	Published
5	Dr.S.PraveenKumar Dr.Aravind	A novel fabrication approach of testosterone meter kit for hormone level detection	17/12/2021	202141058885A	Published
6	Dr.S.PraveenKumar Dr.Aravind Dr.SrigithaSNath	Fabrication of paper based microfluidic device for lipid profile analysis	17/12/2021	202141058975A	Published
7	M Shanmathi, AP(OG)-ECE	IoT Based Autonomous Floor Disinfecting Smart UV Robotic System	9-1-2021	202141001081A	Published

| 8 | M Shanmathi, AP(OG)-ECE | IoT Based Performance Improvement of Electric Vehicles Energised by Smart Grids | 02-01-2021 | 202141000081A | Published |