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Sl. No.	Department	Patent Application No.	Status of Patent (Published / Granted)	Inventor/s Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)
1.	Agriculture Engineering	202341074624A	Published	Mr.S.Rameshkumar	Development and Evaluation of Solar powered sprayer for Agriculture	31/10/2023	15/12/2023
2.	Agriculture Engineering	202441022032A	Published	Mr.S.Rameshkumar	Advancement in Agriculture: A Solar Powered, Remote controlled vehicle for pesticide and fertilizer distribution	21/03/2024	29/03/2024
3.	Agriculture Engineering	202441028421A	Published	Mr.S.Rameshkumar	Investigating microbiomic signatures of cultural influences on Mushroom yield	06-04-2024	12-06-2024
4.	Mech	202341057373 A	Published	Mr. M. Nandha Kumar	Deep Learning Techniques to Analyse And Predict The Electric Vehicles Penetration In Automotive Market	27-08-2023	08-09-2023
5.	Mech	202441038316 A	Published	Mr. M. Nandha Kumar	Mindful Metrics: Utilizing Ml to Mitigate Faculty Stress In Educational Institutions	15/05/2024	31/05/2024
6.	Mech	202441038318 A	Published	Mr. M. Nandha Kumar	A Study on the role Of tourism In The Reduction Of Poverty and Economic Growth	15/05/2024	31/05/2024
7.	Mech	401686-001	Published and design registered	Mr.D.Alagesan, Mr.K.Arulkumar, Mr.M.Sanjay	Robot for crop monitoring	08/12/2023	09/04/2024

No.	Dept	Application No.	Status	Author	Title	Date 1	Date 2
8.	ECE	392429-001	Published and design registered	Dr.R.Dinesh	Solar powered mobile and laptop charging station	10-8-2023	13/10/2023
9.	ECE	202341039519 A	Publication	Dr.K.Tamilarasi	Multiple sensor data fusion based fuzzy logic system for distributed agricultural weather assessment	09-06-2023	08-09-2023
10.	ECE	397144001	Published and design registered	Mr.V.Arun antony	Device to predict cardiovascular attack	9-10-2023	08-12-2023
11.	ECE	202441026998	Published	Mr.Karthik Prabhu	Intelligent Inspection System for Industrial goods utilizing ML algorithm	1-4-2024	12-4-2024
12.	ECE	202441026998	Published	Dr.K.Tamilarasi	.Transforming business dynamics AI and Advanced machine learning enterprise resource planning optimization	21.5.2024	21.6.2024
13.	AI&DS	202341066232 A	Published	Dr.P.Selvaraju	Integration of internet of things and machine learning techniques based approaches for plant disease detection and classification	03-10-2023	20/10/2023
14.	AI&DS	202441022121	Published	S.L.Swarna	Enhancing Cloud Security with AI, Block chain and IOT for the next Generation	22.03.2024	29.03.2024
15.	EEE	202341072833A	Published	P.Maheswari	Oil based Transformer smart health monitoring system using AI	26.10.2023	26.01.2024
16.	EEE	202341067966	Published	T.Nandhini Priya	An Automatic Transition of Transformers for an effective and Uninterrupted Power Sharing in Traction Substation	10.10.2023	20.10.2023
17.	FT	414404-001	Published	Dr. M P Murugesan	Smart Air Purification System for Elevated Indoor Environmental Solutions	26.05.2024	24.06.2024

18.	Mathematics	202341047827A	Published	Dr.S.Mohankumar, Ms.P.Sudha, Ms.P.Suseela, Ms.R.Deepa, Ms.M.Pavithra, Ms.V.Santhiya, Ms.R.Kasthuri, Ms.G.Nandhini, Ms.S.Mythili and Ms.P.Divya	The Theoretical Framework and Application of Labelled Strategies in Communication Network	15/07/2023	1-9-2023
19.	Chemistry	202311048921A	Published	R.Lavanya	Targeted Delivery of Lipid Nanoparticles and Liposome's for Treatment of Bone Diseases	19/07/2023	11-08-2023
20.	Chemistry & Physics	6311021	Granted	Maragathamani Sivakumar and Revathi Murugesan	Smart Glucose Monitoring Device	18/09/2023	26/09/2023
21.	Mathematics	202411007523A	Published	Dr.M.Sindhu	The role of machine learning in predicting positive emotions at work and its impact on teachers job satisfaction and well-being	04.02.2024	16.02.2024
22.	Mathematics	202341044069A	Published	Dr.M.Sindhu	AI and Machine Learning Based Approach for Predicting Shortest Path in Google Map	30/06/2023	01-09-2023
23.	Mathematics	202411009085 A	Published	Dr.M.Sindhu	A study on analyzing the role of design-oriented pedagogy and machine learning in transforming college education	10.02.2024	16.02.2024
24.	Mathematics	202321045086A	Published	C.Suganthi, R.M.Samukthaa and P.Vadivel	Neural Network Based Plan - Cancer Method for Primary Diagnosis of Mesothelioma Cancer	05-07-2023	15/09/2023
25.	Mathematics	202341055745	Published	Dr.S.Kavitha	Differential equation approximation methods and properties for degenerate q-special polynomials	21/08/2023	01-09-2023
26.	Mathematics	202341000000	Published	Mrs. P.Sudha	The theoretical Framework and applications of Labelling strategies in	15.07.2023	01.09.2023

					Communication Networks		
27.	English	380926-001	Published	Dr.K.Saravanan	IOT based sanitation cabinet for electronic devices	07-03-2023	25/05/2023
28.	IT	202341084573A	Published	K.Ashokkumar	Block chain-based supply chain management system for sustainable sourcing and procurement	45242	45413
29.	MCA	202441019788	Published	Mr. M. K. Nageswaran	Machine learning and learning analytics based approaches for evaluating teachers performance in cl	16/03/2024	29/03/2024
30.	MCA	202441016549	Published	Dr. U. Sridevi	AI based block chain-powered secure vault for personal data and identity management	07-03-2024	22/03/2024