



List of patents

2020-2021

Sl.No	Faculty Name	Patent Title	Application Number	Status
1	V. P. Srinivasan	WASTE SORTING ROBOT FOR SANITATION	202041010996	Published
2	V. P. Srinivasan	DUAL AXIS MOVEMENT WRITING MACHINE	202041011077	Published
3	Mr.S.Karthik, Mr.A.Rajesh, Mr.N.Ramachandran	IOT BASED DETECTION OF LEVEL OF PESTICIDE IN FRUITS AND VEGETABLES	201941009173	Published
4	Dr.R.Soundararajan Mr.A.Sathish Kumar Mr.S.Karthik	IMPROVIZED SWING CHECK VALVE APPARATUS THEREOF	202041010325	Published
5	Mr. S. Balamurugan	ARTIFICIAL INTELLIGENCE ENABLED BOT FOR RAILWAY TRACK CLEANING	202041007777	Published
6	V. P. Srinivasan	FLYWHEEL RESTORATION THROUGH DYNAMIC FLOW OF FLUIDS (BI-FR GENERATOR)	202041012688	Published
7	J.Dhiyaneswaran, Vinosh M	RAILWAY TRACK CLEANING MACHINE	202041012575	Published
8	Mr.M.Vignesh Kumar, Dr.P.Ashokavarthanan	AUTOMATED PRODUCTION OF VENTILATOR TUBES USING MACHINE LEARNING SYSTEM BASED DEMAND PREDICTION	202041020115	Published
9	V. P. Srinivasan	FULLYDAY AUTOMATIC TOUCHLESS MIST SPRAYS SANITIZER DISPENSER	202041025219	Published
10	1)Mr.N.Ramachandran2)R.Siv asubramanian	BRAKE AND ACCELERATOR USING SINGLE PEDAL	202041039928	Published
11	M.S.Srinidhi	WASTE-TO-ENERGY FROM MUNICIPAL SOLID WASTES	202141022572	Published
12	Mr.N.Ramachandran	RFID based bus ticketing system	202041039793A	Published

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Sl.No	Faculty Name	Patent Title	Application Number	Status
1	Mr.S.Balamurugan	ARTIFICIAL NEURAL NETWORK BASED INTELLIGENT REFRIGERATOR	202141028784	Published
2	Dr.K.P.Yuvaraj	WI-FI ENABLED SMART DUST BIN FOR THE BENEFIT OF MUNICIPALITY	202141032205	Published
3	Mr.M.Vignesh Kumar, Dr.P.Ashokavarthanan	MECHANICAL SEED INJECTOR FOR AGRICULTURAL APPLICATIONS	202141036932	Published
4	Dr.K.P.Yuvaraj	TOOL RETRIEVAL MECHANISM FOR THE BENEFIT OF SMALL SCALE INDUSTRIES	202141057636	Published
5	Dr.R.Soundararajan	ANTIMICROBIAL NANO PARTICLE COATED CELLULOSIC COMPOSITE FROM AGRO-WASTE FOR PERSONAL PROTECTIVE EQUIPMENT	2021103323	Granted
6	Dr.C.Samson Jerold Samuel	DEVELOPMENT OF SOLAR POWERED INSECTICIDE SPRAYER	202141019175	Published
7	Dr.C.Samson Jerold Samuel	Development of IoT based Smart Irrigation System	202141047014	Published
8	Mr.M.S.SRINIDHI	PERFORMANCE AND EMISSION ASSESSMENT OF ANIMAL FAT BASED BIODIESEL AND IT BLENDS IN CONSTANT COMPRESSION RATIO ENGINE	202141055965	Published
9	Dr.R.Arunbharathi	AUTOMOBILE TIRE PRESSURE MONITORING DEVICE TO ENHANCE SAFETY AND REDUCE EMISSIONS	202141032038	Published
10	Dr.R.Arunbharathi	IOT BASED SMART CONTROL AND MONITOR VARIOUS ASPECTS OF AUTOMOBILE SYSTEMS	202141033541	Published

11	Dr.S.Karthik	IOT Based Smart Polyhouse Farm	202141058630	Published
12	Dr.S.Karthik	Coconut Inflorescence Fiber Fortified Composite Material for Automobile Interior and Manufacturing Thereof Method thereof	202141061367	Published

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1	Mr.N.Ramachandran	AI Based Ambulant Toilets	202241010466	Mr.N.Ramachandran
2	Dr.K.P.Yuvaraj	IOT Based Smart Monitoring and Control System for Benefit of Hospitals, Industries and Corporate Offices	202241050503	Dr.K.P.Yuvaraj
3	Dr.K.P.Yuvaraj	IOT BASED SMART WATER REGULATION SYSTEM FOR THE BENEFIT OF MUNICIPALITY	202241047539	Dr.K.P.Yuvaraj
4	Dr.S.Karthik	Solar Powered IOT Based Geo Tag Camera for Crop Monitoring		Dr.S.Karthik
5	Mr.N.Ramachandran	AN AUTOMATED KASHAYA MAKING MACHINE	202241071665	Mr.N.Ramachandran
6	Mr.N.Ramachandran	VIRTUAL LABORATORY FOR SCIENCE SUBJECTS AT SCHOO LEVELS	202241071410	Mr.N.Ramachandran
7	Mr.N.Ramachandran	FUEL INJECTOR RELATIVE PERFORMANCE TESTER AND CLEANER	202241075960	Mr.N.Ramachandran
8	Dr.K.P.Yuvaraj	Petbot	372221-001	Dr.K.P.Yuvaraj
9	Dr.K.P.Yuvaraj	Helping Robot	357147-001	Dr.K.P.Yuvaraj

10	Dr.M.Vignesh Kumar	Servo controller based Automatic Electric Arc welding machine design using telescopic piston cylinder arrangement	320924-001,002	Dr.M.Vignesh Kumar
11	Dr.R.Soundararajan	PROCESS FOR MAKING BRAKE PAD BY USING NATURAL FIBRE AND COMPOSITES	3065/CHE/2014 A	Dr.R.Soundararajan