

Granted Patent details

Sl. No	Inventor	Title of the patent	Date of Filing	Date of Grant	Application No	Patent Number	Category
1.	Dr. A. Mohamed Haroon Basha, Department of Physics	Methods Employed in the Study of the Effect of Ultra Graphite on Morphological and Physico Chemical	2.8.2016	13-12-2019	201641026378	327369	Utility
2.	Dr. S. Ponmani, Assistant Professor, Department of Petroleum Engineering	Water Based Drilling Fluid Additive and A Preparation Method Thereof	16.7.2018	26-10-2022	201841026429	409890	Utility
3.	Dr. T. Sasilatha, Professor, Department of Electrical and Electronics Engineering	Synthesis of Nano Phase Change Material for Solar Desalination	28.3.2022	21-11-2022	202241017778	411988	Utility
4.	Dr. S. Rafi Ahamed, Associate Professor, Department of Physics	Smart Planter with Automated Soil and Air Analysis System	28.9.2022	29-12-2022	371620-001	371620-001	Design
5.	Dr. G. Themozhi, Professor, Department of Electrical and Electronics Engineering	Solar Power Charging Station for Vehicles	23.9.2022	11-01-2023	371377-001	371377-001	Design
6.	Dr. V. Rajeswari, Professor, Department of Electrical and Electronics Engineering	IOT Based Height Adjustable Wheel Chair		02-02-2023		374745-001	Design
7.	Dr. D. Sivakumar, Professor, Department of Computer Science & Engineering	Machine Learning Based Confidence Tracking Device of The Employee	14.2.2023	14-02-2023	379298-001	379298-001	Design
8.	Dr. V. Rajeswari, Professor, Department of Electrical and Electronics Engineering	AI Based Smart Walking Stick for Visually Impaired with Alerting Unit		23-03-2023		377871-001	Design
9.	Dr. R. Rameshkumar, Professor & Head, Department of Computer Science & Engineering	Solar Charging Station for Electrical Vehicle	20-03-2023	26-03-2023	6269746	6269746	Design
10.	Dr. S. Jaisankar, Professor, Department of Mechanical Engineering	Cone Type Dimpled In Riser Tube with Solar Flat Plate Collector	2.6.2017	28-04-2023	201741019391	430400	Utility
11.	Dr. S.Bharathi Raja, Professor,	Oil Cleaning Device for Ocean		23-05-2023		376935-001	Design

	Department of Mechanical Engineering						
12.	Dr. D. Lakshmi, Associate Professor, Department of Electrical and Electronics Engineering	AI Based Apparatus for Identification of Diabetic Patient		29-05-2023		382530-001	Design
13.	Dr. D. Sivakumar, Professor, Department of Computer Science & Engineering	Multi-Band Center Fed Microstrip Patch Antenna on AMC Surface with Copper Ground and PV Cell Ground	24.9.2018	04-07-2023	201841035834	437150	Utility
14.	Dr. S. Jaisankar, Professor, Department of Mechanical Engineering	Pentagonal Solar Leaf Collector	1.6.2023	23-08-2023	387421-001	387421-001	Design
15.	Dr. D. Sivakumar, Professor, Department of Computer Science & Engineering	Blockchain Enabled Device for Enhancing Computer Network Safety		01-09-2023	386535-001	386535-001	Design
16.	Dr. S. Satish Kumar, Assistant Professor, Department of Electrical and Electronics Engineering	Intelligent Wireless Network Repeater using IOT	27.07.2023	12.10.2023	391364-001	391364-001	Design
17.	Dr. A. Mohamed Haroon Basha, Department of Physics	Method employed in the study of effect of Azolla and Ultra graphite on morphological, Physico-Chemical properties and Bacterial yield of soil		01.11.2023		464769	Utility
18.	Dr. S. Ponmani, Assistant Professor, Department of Petroleum Engineering	Composition for Water Based Drilling MUD		21.11.2023		471032	Utility
19.	Dr. D. Sivakumar, Professor, Department of Computer Science & Engineering	Stepped Slot Patch Antenna with Copper and Solar Cell Ground Structure		21.11.2023		470850	Utility
20.	Dr. K. Sampath Kumar, Professor, Department of Computer Science & Engineering	IOT Based Wearable Device for Personal Healthcare		15.11.2023	395125-001	395125-001	Design
21.	Dr. V. Amirthavalli, Assistant Professor, Department of Petroleum Engineering	Method of Producing Biodiesel from Waste Cooking Oil Using Mgo-Sno2 Nanohybrids	26.12.2021	12.01.2024	202141060794	498375	Utility
22.	Dr. J. Ananth, Professor,	Flame Burner	26.05.2023	10.01.2024	387123-001	387123-001	Design

	Department of Marine Engineering						
23.	Dr. T. Sasilatha, Professor, Department of Electrical and Electronics Engineering	Design and Development of An Integrated PV Grid Connected DC Fast Electric Vehicle Charging System	04.01.2022	24.01.2024	202241000339	503060	Utility
24.	Dr. S. Jaisankar, Professor, Department of Mechanical Engineering	Air Distribution System in Updraft Gasifier	07.03.2023	23.02.2024	380939-001	380939-001	Design
25.	Dr. T. Sasilatha, Professor, Department of Electrical and Electronics Engineering	Controller for Neutral Point Clamped Multilevel Inverter in Autonomous ships	04.01.2022	28.03.2024	202241000336	531014	Utility
26.	Dr. S. Bharathi Raja, Professor, Department of Mechanical Engineering	Pneumatic Pump with Triangular Cap	26.05.2023	28.03.2024	387124-001	387124-001	Design
27.	Dr. M. Ramamurthy, Dr. Thanikasalam Arumugam, Department of Marine Engineering	Industrial Movable Distance Measurement Apparatus	30.08.2024	09.09.2024	6387973	6387973	Design
28.	Dr. M. Ramamurthy, Dr. Thanikasalam Arumugam, Department of Marine Engineering	Plastic Waste Management System	30.08.2024	09.09.2024	6387974	6387974	Design