



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Dindigul – Palani Highway, Dindigul – 624 002

DEPARTMENT OF MECHANICAL ENGINEERING

PATENT PUBLICATIONS

S. No	Title	Author Name	Year of Publication
1	Heat transfer enhancement using Novel Observer Design in Solar Still	Mr. U. Karthick	2022
2	Optimization of Thermal Conductivity and Viscosity of Refrigerants	Mr. U. Karthick	2022
3	Thin Film Printing of Solar Cells with Nanoparticles for Efficiency in Performance of Utilization of Solar Energy	Mr. U. Karthick	2022
		Mr. T. Karthick Munisamy	
4	Automatic Dust Collector for Heavy Duty Vehicles	Dr. M. Sabareeswaran	2022
		Mr. U. Karthick	
		Mr. T. Karthick Munisamy	
5	Space Optimization Through Complete Knockdown For Automobile Parts	Dr. G. Sankaranarayanan	2022
6	Automatic Bike washing & scheduling with IOT	Dr. M. Muthukannan Mr. P. Shankar Kannan	2022
7	Multi Optimized Digital Additive Manufacturing System using IoT	Dr. D. Senthil Kumaran	2022
		Mr. B. Aravindh	
		Mr. M. Prabhakaran	
8	Motorised screw jack	Dr. G. Sankaranarayanan	2020
9	IDUC- Door Device Intelligent Device for Unlocking Car Door	Dr. S. Joseph Dominic Vijayakumar	2020
10	An Automatic Machine to remove contaminants from vehicle body surface before painting	Dr. S. Joseph Dominic Vijayakumar	2020
11	Anti-Piracy Screen	Mr. B. Aravindh Dr. G. Sankaranarayanan Mr. C. Silambarasan	2019
12	Method of devising process parameters in Wire cut Electrical Discharge Machining	Dr. G. Sankaranarayanan	2019