



PRAGATI ENGINEERING COLLEGE (Autonomous)

DEPARTMENT OF MECHANICAL ENGINEERING

PATENTS FILED/PUBLISHED

S.No	Academic year	Name of the Inventor(s)	Patent Number	Title of the Patent	Date of Published	Date of filing	Patent Agency
1	2023-24	Dr. G Satish	Application No. Design 390362-001	Banana Fiber Extractor	. 13.07.2023	. 13.07.2023	IPINDIA
2	2023-24	Dr. G Satish	Application No. 202341061459	A Vehicle Gas Flow Systems Using Alternative Fuels And Method Thereof	. 06.10.2023	. 06.10.2023	IPINDIA
3	2022-23	Dr. Avinash G	ref no 202341020328	A smart and Collapsible Space – Saving Head Gaurd for Riders	. 07.04.2023	. 23.03.2023	IPINDIA
4	2022-23	Dr. Avinash G	ref no 202241071000	An Artificially Intelligent Computational Fluid Dynamics System and Method for Smart Valves	. 16.12.2022	.09/12/2022	IPINDIA
5	2021-22	Dr G Satish	202111036861	Smart Logistics and Transportation using IOT	03.09.2021	14.08.2021	IPR
6	2021-22	Dr BSV Ramarao	202141053210	Carbon fiber material based mechanical gripper for mini drone system	02.12.2021	18.11.2021	S
7	2021-22	Dr BSV Ramarao	202111053390	ML based Future Prediction of COVID-19 Vaccine Trends Using a Voting Classifier	02.12.2021	19.11.2021	IPR
8	2021-22	Dr BSV Ramarao	202131054037	Multi Axis dedicated machine for machining silicon	10.12.2021	23.11.2021	IPR
9	2021-22	Dr BSV Ramarao	202141057662	Smart Electric Vehicle Manufacturing Process Using Deep Learningconcept	04.02.2022	11.12.2021	IPR
10	2021-22	Dr BSV Ramarao	202241005492	Mechanical system with IR sensor based circuit to generate electricity	11.02.2022	01.02.2022	IPR
11	2021-22	Dr BSV Ramarao	202241005023	Design of Hydro-Pneumatic ISD Suspension in Heavy Multi-Axle Vehicles	04.02.2022	30.01.2022	IPR

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12	2021-22	Dr BSV Ramarao	202241004316	Fatigue testing methodology for reliability assessments of fiber reinforced composite polymer materials in micro/nano systems	04.02.2022	25.01.2022	IPR
13	2021-22	Dr BSV Ramarao	202241007000	Fully automatic commercial line vehicle assembly line system	25.02.2022	09.02.2022	IPR
14	2021-22	Mr. B. Bharath Kumar	360892-001	MECHANICAL COUNTER FOR PRESSURE COOKER	27.05.2022	18.03.2022	IPR
15	2020-21	Dr BSV Ramarao	202041047017	A study on behavior of mechanical properties of concrete with addition of fly ash and Nano silica gel	06.11.2020	28.10.2020	IPR
16	2020-21	Dr S Sambhu Prasad	202041041702	Block chain for 5G enable IoT For industrial automation	09.10.2020	9/25/2020	NRDC
17	2020-21	Dr S Sambhu Prasad	202041056516	Intelligent system designing for optimization fuel utilization through enhancing efficiency of power plant	01.07.2022	27.12.2020	NRDC
18	2020-21	Dr S Sambhu Prasad & Dr. D. Sireesha	202041056517	Machine learning based plant disease identification and treatment	01.07.2022	27.12.2020	NRDC
19	2020-21	Dr R Dharmalingam	202141005815	Evaluation of Thrust force and torque in drilling of natural fiber particle reinforced polymer	19.02.2021	11.02.2021	IPR

Incharge

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