



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

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(Recognized by UGC Under Sections 2(f) and 12 (b) of UGC act, 1956)  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### LIST OF PATENTS

Tile of the Patent	Name of the Inventor	Patent status	Patent Number	Agency	Date of Award
A study on behavior of mechanical properties of concrete with addition of flyash and Nano silica gel	Dr BSV Ramarao	Published	202041047017	IPR	6/11/2020
Block chain for 5G enable IoT For industrial automation	Dr S Sambhu Prasad	Published	202041041702	NRDC	09/10/2020
Intelligent system designing for optimization fuel utilization through enhancing efficiency of power plant	Dr S Sambhu Prasad	Filed	202041056516	NRDC	Filed (27/12/2020)
Machine learning based plant disease identification and treatment	Dr S Sambhu Prasad	Filed	202041056517	NRDC	Filed (27/12/2020)
Evaluation of Thrust force and torque in drilling of natural fiber particle reinforced polymer	Dr R Dharmalingam	Published	202141005815	IPR	19/02/2021
Smart Logistics and Transportation using IOT	Dr G Satish	Published	202111036861	IPR	03/09/2021
Carbon fiber material based mechanical gripper for mini drone system	Dr BSV Ramarao	Published	202141053210	IPR	02.12.2021
ML based Future Prediction of COVID-19 Vaccine Trends Using a Voting Classifier	Dr BSV Ramarao	Published	202111053390	IPR	02.12.2021
Multi Axis dedicated machine for machining silicon	Dr BSV Ramarao	Published	202131054037	IPR	10.12.2021
Smart Electric Vehicle Manufacturing Process Using Deep Learning concept	Dr BSV Ramarao	Filed	202141057662	IPR	Filed (11.12.2021)