

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241062173 A

(19) INDIA

(22) Date of filing of Application :01/11/2022

(43) Publication Date : 18/11/2022

(54) Title of the invention : Design and Analysis of Smart Hybrid Two Wheeler

<p>(51) International classification :B60W0020000000, B60K0006480000, G06Q0010060000, G07C0005080000, C12M0001060000</p> <p>(86) International Application No Filing Date :PCT// / :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number Filing Date :NA :NA</p> <p>(62) Divisional to Application Number Filing Date :NA :NA</p>	<p>(71)Name of Applicant : 1)St. Martin's Engineering College Address of Applicant :Sy no 98 , 1000, Dhulapally, Kompally Secunderabad --- ----- Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Dr. P. Santosh Kumar Patra, Principal, SMEC Address of Applicant :Sy no 98, 100, Dhulapally Secunderabad ----- 2)Dr. D. V. Sreekanth Professor and HOD(MECHANICAL) Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 3)Dr. K. Vijaya Kumar Reddy, Director R&D, Professor, JNTUH Address of Applicant :Director R&D, Professor, Mechanical, JNTUH, Kukatpally Secunderabad ----- 4)Mrs. K. Hemalatha Assistant Professo Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 5)Mr. L. Sunil Assistant Professor Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 6)Thadgam Mahipal Reddy Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 7)Mr.Vissakodeti Sai Teja Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 8)Mr.Konda Aaryan Goud Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 9)Vengalat Abhilash Nair Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 10)Mr.Gaddam Anvesh Reddy Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 11)Mr.Mukka Karthik Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 12)Gundeti Mukesh Reddy Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad ----- 13)K. Malkaji Varun Narayana Address of Applicant :St.Martin's Engineering College, Dhulapally Kompally Secunderabad -----</p>
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(57) Abstract :

1. We claim that this innovation is ecofriendly, and these vehicles reduceair pollution and greenhouse gas emissions and contribute to energy independence by reducing oil imports. 2. We claim that it will reduce the emission of exhaust gases. So that the performance of the system will increase. 3. We claim that it will reduce the fuel consumption and running cost of the vehicle.The lifecycle of both the systems may be increased as the vehicle runs at their respective prescribed speed limit. 4. We claim that this innovation will increase the efficiency of the vehicle 5. We claim fuel consumption without compromising vehicle functionality and driving performances 6. We claim that this is pollution free and more efficient compared to others. We also claim that when we are using 48V and 12.5A battery with an 80kg person on it, then the mileage of the bike is 15km/charge.

No. of Pages : 14 No. of Claims : 1