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Solar Floor Cleaner Robot

Prof. V. M. Dhumal¹, Ms. Aishwarya Harke², Ms. Aboli Ramteke³, Ms. Oshine Gour⁴, Ms. Manaswi Charde⁵
Guide, Department of Electronics & Communication Engineering¹
UG Students, Department of Electronics & Communication Engineering^{2,3,4,5}
Priyadarshini JL College of Engineering, Nagpur, Maharashtra, India

Abstract: Households of today are becoming smarter and more automated. Home automation delivers convenience and creates more time for people. Domestic robots are entering the homes and people's daily lives, but it is yet a relatively new and immature market. However, a growth is predicted and the adoption of domestic robots is evolving. The purpose of this project is to design and implement a Vacuum Robot Autonomous. Vacuum Cleaner Robot is designed to make cleaning process become easier rather than by using manual vacuum. The main objective of this project is to design and implement a vacuum robot prototype. Vacuum Robot will have several criteria that are user friendly.

Keywords: Ultrasonic Sensor, Node MCU ESP8266 Module, L298N Motor Driver IC, OLED Display, Battery

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