IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 2, March 2022
Impact Factor: 6.252

# Design Modification and Fabrication of Eco-friendly Cleaning Machine''

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**Abstract:** *With the growth of technology, researchers are paying greater attention to automated floor cleaning devices in order to make mankind's existence more comfortable. The concept is gaining traction in developed countries, although it is still unpopular because to design complexity, machine costs, and power tariff running costs. A manual floor cleaning machine is proposed in this project. Early in the day, a floor is cleaned with a broom that is controlled by a human hand. This requires a continual movement of the human hand, which is exhausting and time demanding. The goal of this project is to provide a modernised procedure for wet and dry floor cleaning. This equipment is capable of cleaning floors in both dry and wet conditions. It also has a dust storage box. It was decided to create a prototype model that uses a DC drive powered rotary brush with pneumatic controlled dust shifting to assist users in removing waste and maintaining a clean and hygienic environment, thereby avoiding health inequalities and safety concerns for both workers and the general public.*

**Keywords:** Eco-friendly cleaning machine, Road Cleaner, Manually Operated

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