

## ABSTRACT

### FABRICATION OF SCRAPE COLLECTING AND DUST CLEAMING MACHINE – REMOTE CONTROLLED

Robot is an electromechanical machine and used for various purposes in industrial and domestic applications. Robot appliances are entering in the consumer market, since the introduction of iRobots. Many related appliances from various companies have been followed. Initially the main focus was on having a cleaning device. As the time pass on many improvements were made and more efficient appliances were developed.

The main objective of this project is to build a unique kind of mechanical system to achieve a new kind of approachability in the field of automation. The machine is able to collect the hard material that is distributed in the area which is either scrap or some useful material. In this system we make a round rotating fang collector system which will draw the material into its back space..Also coupled with floor cleaning machine. Both are operated remotely using wireless communication.

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