

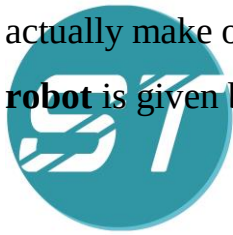
ABSTRACT

AUTOMATIC SCRAP COLLECTING VEHICLE

The intention of this mechanical engineering project is to fabricate a **scrap collecting robot**. Since complete automation is very complex and even research facilities haven't come up with one, you better design one that is operated via a remote control which is either wireless or not.

This is a working project and as usual requires the help of electronics students for the control systems. This robot is 4 wheeled with an arm to collect scrap materials. It also can move over small obstacles with the support of the arm.

Though this project may sometimes look simple, it requires much effort to actually make one working model. A detailed video of one such **scrap collecting robot** is given below.



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