

Wrapper picker



By : Mr Diptanshu Malviya and Mr Mukul Malviya, Sirohi, Rajasthan

Innovation Description

Profile

Innovator Mr Malviya & Malviya are from Sirohi district of Rajasthan.

Purpose:

The two young brothers have developed a motorized device, which picks up littered pieces of wrappers, papers, pouches, etc and collects them in a storage bin. Snacking is something, which most of us like to indulge in. Wafers, chocolates, biscuits, fruit cake, water pouches, etc. are consumed and their wrappers strewed around. These have to be later picked up manually, which is laborious and time-consuming. Presently there are no machines available in the market to do this task automatically. Mukul and Diptanshu thought about this device when they saw a sweeper picking up waste pouches, pieces of paper, and empty wafer packets littered across a bus station. They realized how difficult it must be for him to bend every time to pick up such pieces and came up with this device.

Details:

The machine is very simple, easy to operate and maintain and is very useful for sanitation workers. It has great potential for diffusion by Municipalities, Municipal Corporations, Town area Committees, etc. and is an ideal technology for adoption to fulfill the objectives of the "Swachh Bharat Abhiyaan". NIF got developed an improved model of the same with the help of designers. With a keen interest in science, both the brothers participate in a lot of science competitions and exhibitions. Diptanshu likes reading biographies of scientists and inventors and wants to serve ISRO when he grows up. His brother, Mukul also has similar interests and wants to become an engineer. They were also selected for Rashtrapati Bhavan's Innovation Scholar in Residence program in 2015 for their wrapper picker.

Benefits

It reduces the human efforts

Suggested Reading(s):

nif.org, (2020). WRAPPER PICKER. Retrieved on 04 August 2021 from <https://nif.org.in/innovation/wrapper-picker/726>

YouTube, (2017). Wrapper Picker (Swachh Bharat Abhiyan). Retrieved on 04 August 2021 from <https://www.youtube.com/watch?v=vxnsI2GKyQY>

For More Details Please Contact on [enquiry\[at\]nifindia\[dot\]org](mailto:enquiry[at]nifindia[dot]org)

Link : <https://innovation.nif.org.in/innovation/detail/wrapper-picker/4023>