

Wheel

- a photo essay by Vishal Dhaybhai <aachi8@gmail.com>

The wheel can do so many things:

The bicycle was a great innovation it made. This wheel of innovation is still spinning to create new things, learning by itself, by experimenting, watching deeply, and understanding the needs, through nature's inspiration...



The bicycle is typically known as vehicle, but now it is showing its new face as machine. Let's see the experiment it {we} did...

We heard that some machines could be made from bicycles with some adjustment. Then what came next?!? With some JO\$H {enthusiasm} + ENERGY, me, Pannalal and our friend Imran; start building a mixer with Miss. Old bicycle and Mr. Broken mixer. Then we came up with this:

This first experiment was successful, in the sense that machine was working.

BUT

It was big, heavy, it took more machinery to build it and also we can use only this machine as machine nothing else! This gave us the idea that the next mixer should be moveable and comfortable, easy to carry and build...



Then what?



Daniel Pereira came to visit. His organizations {Unitierra in Mexico and MayaPedal in Guatemala} have been making these types of bicycle machines for a long time...! Around 10 years! The Wheels in our heads started turning again. With Daniel's spirit, we are able to make a comfortable, easy-to-carry and easy-to-build mixer.



Our Wheel didn't stop yet...

And after, we made a washing machine which ended up working pretty well. We are still beautifying it, so we can say it is still in the experimental stage.



When washing clothes, we use a natural seed that gives a kind of soap (Aritha). This is so the waste water is not made toxic, and it can be used for our plants.}

These experiments were so important for me to make, because when I talk about Zero Waste {my main passion these days}, then I can also make /show an example of energy saving, which is locally made in the neighborhood. This is an eco-friendly product, so important for local citizens who always want to have a substitute product that can be used at home.



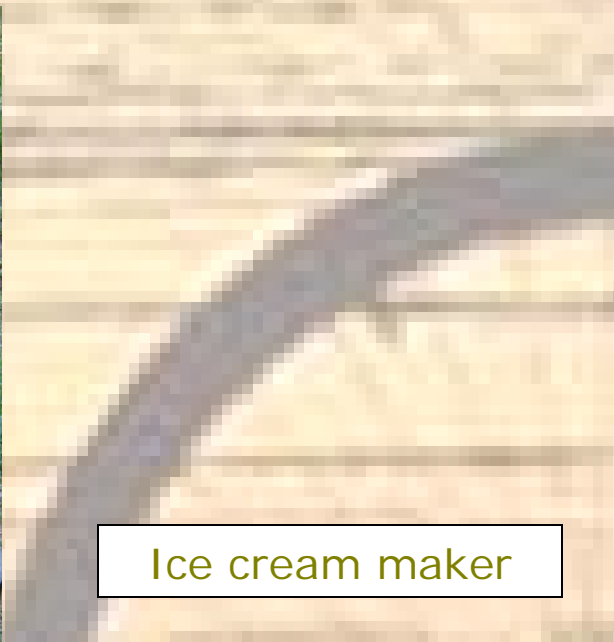
From this experiment, we also found more people who are working with these technologies. They are doing new environmentally-friendly experiments and are open to sharing their work and art. First, I met Chandrakant Pathak in Pune, Maharashtra. Chandrakant is an engineer, who makes cycle power-based machines and sells them.



This is a water pump (full shot and closeup).



Juicer



Ice cream maker



Spraying machine



Second, we met Vigyan Ashram, an organization based in Pune, Maharashtra. There, they are sharing machine-technology with a young gang. The youth are open to doing experiments. At Vigyan Ashram, they also learn how to work with big machines, do farming, build buildings, run computers, etc.





These days we are sharing the bicycle technology in our local HAMO DESI MELA and in any other opportunities available. As more people see this, they can also help us, or we can help them, to give ideas, make new machines and do new experiments.

