

## ZPHS ELLANTHAKUNTA – RAJANNA SIRCILLA DISTRICT

### **MACHINE FOR PURIFICATION OF RIVER GANGA**

Student Scientist : BOPPENA RAHUL 9<sup>th</sup> Class

Guide Teacher : V.MAHESH CHANDRA

In the modern age, technology is developing day by day. In addition to technology, environmental pollution also increasing rapidly. India is well known for so many holy rivers. These prominent rivers now filled with plastic wastages and sea weeds which cause the pollution of river water.

Here we invented a machine named “Machine for purification of Ganga River” which can cut and remove the plastic wastages as well as unwanted sea weeds from the polluted rivers. It also cleans the floating oil dumps on the river water and protects the aquatic animals that live in the sea waters.

The cost of the machine is Rs.2500/-.

This exhibit got selected at national level in INSPIRE MANAK 2018-19 and got the appreciation by the organizers.



**Sri Krishna Bhaskar, District Collector Rajanna Sircilla observing the exhibit.**

## ZPHS ELLANTHAKUNTA – RAJANNA SIRCILLA DISTRICT

### **MULTI PURPOSE COCONUT PEEL MACHINE**

Student Scientist : MD.SHAKEEL 8<sup>th</sup> Class

B.RAHUL 9<sup>th</sup> Class

Guide Teacher : V.MAHESH CHANDRA

We generally see that the coconut vendors find it difficult to peel the coconut. To make this task easy for the vendors here we come up with an innovative project named “Multi purpose coconut peel machine”. Our coconut peel machine can do the following different works.

- ❖ Peel off the coconut as well as coconut palm.
- ❖ Makes a hole to coconut palm to be able to drink the coconut palm
- ❖ It breaks the coconut palm into two pieces so that we can easily collect the wet coconut.

The cost of the Machine is Rs.1300/-. This exhibit got first prize in ISF 2020 in Telangana and won a Trophy.



Students and Guide teacher receiving the State Level Award for the Project.