

Balekuli Pump

Is a luggage tricycle with 8 gears with a capacity to carry 220 to 450 kg, recognised by the National Innovation Foundation (NIF), Ahmedabad. It is developed by Vishwamurthy Hegde (of Balekuli, a remote village in Siddapur taluk and a dropout from 1st year diploma) The technology is centered around eco friendliness, less fuel consumption, and work efficiency at an affordable rate. It uses old and new parts assembled in the ratio of 50:50. Discarded parts of different old engines, bikes or cars with a little improvement are blended with new parts in the products. Balekuli pump is portable and weighs only 16 kg. It is free from maintenance (lubricating). At one stroke it can lift 630 ml of water and 720 l Balekuli pump litre/ hour to a height of 30 metre. It works on 12 volt DC a big power/energy saver .This unique pump can lift water from bore well of any depth without submersible motor.(Normally a submersible pump needs alternate current (AC) of 200 to 440 voltage) The pump can work on solar energy, LPG, biogas, by pedaling, kerosene and can lift water from bore wells of any depth. It can be used in open wells, tanks, lakes and can be used for watering fields at low cost.