



Venture Name : Flux Force

Tag Line : Designing a better tomorrow

Founder & Co-Founder : Shaik Agar Ali Ahmed & Mohammed Aizaz Ahmed

What is the Venture all about?

Flux Force is a self-propelled Device used for transportation without the use of electricity or fuel, which will save the rural people from traveling long distances on cycle. As per calculations, the users can cover 15km in half an hour versus about one hour of manual peddling of the bicycle. We are the manufactures of the Flux Force Device. The alternate current and the force will be generated by the use of magnet and a dynamo.

The Gradual Progress Story:

Every time, I visit my grandfather's village, I observe that most of the people are traveling on cycle to the workplace or going around. They are mostly poor and can't afford the bikes because the cost of a bicycle is approximately 5000 INR and the bike is approximately 70000 INR. The segment for 5K cannot think of affording 70K, so there is a huge gap. We also see electric vehicles coming in the market. Yet the feasibility and reachability at remote village is still a big question.

Research Work:

We started doing research on the Magnets, Electromagnetic Force and how to convert magnetic force into energy. We have mainly learned and did our research online about various types of magnets. We also were researching on how to increase the efficiency of the project.

Strength of the Concept/ Product:

Coming to the strengths it will improve the transportation arrangement in rural areas without using manpower, combustibile and without causing pollution. It is eco-friendly and user friendly, it can be assembled and disassembled in a few minutes.