

EnPRO 352

Increasing Alternative Transportation at IIT

Purpose & Objectives:

The problems that EnPRO 352 faced included increasing awareness about the benefits of biking, continuing IIT's effort to be more environmentally friendly and sustainable, and creating a profitable business model.

The EnPRO 352 team strives to create a business enterprise which will provide services in order to increase the use of bicycles on and around campus. The team investigated the possibilities of on campus storage options, bike rental and repair services, safety and awareness, and easy online access via IIT webportal.

Organization and Approach:

The team first sought to discover why the IIT community was not using bicycles and what incentives we could use to use bikes. The team began with a survey as well as researching other universities to see what methods they have used to increase bike ridership. From the survey and knowing that bike rental was not an option. The team decided that these major issues to research were bike storage and security, bike shop, incentives program, and a web portal.

Accomplishments

Accomplishing our goals to a high degree, from our the result of the survey and other ideas, EnPRO 352 focus on the campus storage option, incentives, and security, then the team reached out to such resources as BikeConnect, CycleSafe, GPS companies and various IIT offices to determine a way to address these issues and determine a method to find a solution for them.

Obstacles

The greatest obstacle in this project currently is the overwhelming financial burden

Conclusion

With our new bike storage program, IIT will be reducing their carbon footprint, providing better campus security. We Encouraging more members of the IIT community to ride their bike and setting an example for other college campuses to follow. Ride IIT's new plan for on campus bike storage is a great step in the right direction for IIT and its community.

Next step:

Overcome this burden is key to the development of the project. The team will have to find a method to raise funds to offset the initial costs of the project pr a line of credit to cover these costs.

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