



Indian Institute of
Technology Guwahati



KRITI '24

Green Route

Sprint Journey



LOHIT
HOSTEL

Our Journey

01.

**Interaction with
Shopkeepers
and Delivery
Agents**

Understanding their pain points
and willingness to join our
platform

02.

**Talking with
Consumers**

Asking about their preferences
and outlook towards
sustainability

03.

**Connecting
with Professors**

Collecting their feedback and
suggestions about our Mission
and Idea



Jiten Kumar

Delivery Personnel, Ekart Logistics

- He agreed with our idea, citing benefits including fuel cost savings, enhanced productivity, and better customer satisfaction.
- He highlighted improvements in the balance between his professional and personal life, attributing these to current time inefficiencies.
- He expressed eagerness to gain firsthand experience with our platform.



Roop Kumar

Delivery Personnel, Delhivery Logistics

- Roop Kumar faces challenges with customers not being available, causing delivery re-trips, sometimes up to 3-4 times.
- He experiences stressful and fatiguing days due to inadequate communication with customers.
- He expresses interest in solutions like one-day prior notifications and specifying time slots and dates for deliveries.



Gautam Bhuyan

Shop owner, Lohit Hostel Stationary

- **Gautam Bhuyan is willing to use reusable delivery bags because they save costs.**
- **He shows keen interest in supporting environmental issues, such as using reusable bags.**
- **According to him, environmentally friendly bags foster good trust with consumers.**



Babunath

Owner, Souvenir Shop IIT Guwahati

- We focused on building a network of suppliers and delivery services that share our sustainability values.
- We must start small and be genuine in our efforts. Even small changes can have a big impact. Listen to your customers and be transparent about your journey. Sustainability is not just good for the planet; it's good for business too."



Shreyansh

1st year Student, Civil Engineering

- Liked the concept of the product after learning how it can contribute to sustainable development.
- Shreyansh considers the carbon emissions of the entire supply chain before purchasing any item.
- He places the company's commitment to reducing carbon emissions at a very high priority.



Joffin Koshy

1st year Student, Mechanical Engineering

- When choosing a product, Joffin does not prioritize a company's commitment to reducing carbon emissions.
- He is willing to be flexible with delivery times if it helps reduce carbon emissions and benefits the environment.
- Joffin is impressed with the ideas of delivery optimization using maps to reduce carbon footprints.
- He is ready to pay a small fee for reusable packaging.



Babita Verma

1st year Student, Biosciences and Bio Engineering

- Happy with using a convertible delivery bag.
- Also willing to pay a small fee for sustainable, long-lasting, reusable packaging.
- According to Babita, choosing a time slot for product deliveries is significantly important.



Anshu Divyaanshi

1st year Student, Biosciences and Bio Engineering

- "Would you be interested in using convertible delivery bags?"
- "Yes, definitely. In fact, I have been using them for a long time now and do not plan on stopping anytime soon. It should be our duty to implement these changes in our lives."
- "Is a company's commitment to reducing carbon emissions a priority for you when choosing products?"
"No, not really. I never gave it much thought, but it's something to look out for, and I will definitely keep this in mind while shopping."



- Absolutely agrees with this concept.
- He thinks these bags might be expensive, but they are more cost effective in the long run as they can be used multiple times.
- Using reusable bags encourages the adoption of sustainable habits and raises awareness about the importance of reducing plastic waste.

Prof. Bhishma Kumar Patel

Dept. of Chemistry



Prof. Manabendra Ray

Dept. of Chemistry

- Using reusable bags is a good idea but not practical yet.
- Since in some regions, there are regulations or bans on single-use plastic bags, so making reusable bags is a convenient alternative for shoppers.
- It's much better to focus on finding ways to digest or degrade plastic through research.



Prof. Pranab Goswami

Dept. of Biosciences and Bio
Engineering

- Transitioning from single-use bag to reusable ones for delivery is a great step towards environment protection.
- It might help conserve natural resources by reducing the need for raw material used in manufacturing.
- It would promote an eco-friendly approach and minimize environmental impact.



Dr. Shabari Nath

Dept. of Electronics and
Communication Engineering

- She is quite impressed with the idea of delivery optimization and reducing carbon footprints.
- They said in future this idea can be better implemented with the help of machine learning.
- Also providing a shortest route to delivery boy will help him, customer as well as environment.



Dr. Ranijith Thangavel

School of Energy Sciences
and Engineering

- They agree with the step towards reducing the carbon footprints happens due to delivering product and their manufacturing and suggested to deal with the plastic wastage.
- He also suggested that there should be one place where all types of delivery can be done in a college or in a society to tackle with the problem of non-availability of customer. And there should be a unique QR code for every customer so they when they have time they can collect their product.

Thank You