

## ECO-FRIENDLY BAG (IDT - B2)

### Problem Statement

How might we enable site visitors to access rich, multilingual historical narratives and contextual information, transforming a basic and static viewing experience into an immersive, interactive, and educational journey? The goal is to enhance visitor satisfaction, deepen learning, and preserve the site's cultural legacy, all while overcoming the key limitation of having no internet or cellular connectivity. By providing an accessible, self-sufficient system, we aim to ensure meaningful engagement for every visitor.

### Project Team



### RENOVATORS

### Team Members

Palak Singh  
Raunak Srivastava  
Ayush kumar

Precious gond  
Mayank rajpoot  
Sameer Ansari

### Solution

Our solution focuses on developing eco-friendly, affordable packaging created from agricultural waste and natural fibres. By repurposing leftover crop materials such as paddy straw, paira, and sarcuft (wild grass), we aim to transform what is typically discarded or burned into durable, sustainable bags that serve as a practical alternative to plastic. This approach reduces environmental pollution, supports farmers by giving value to waste, and promotes a circular economy. Through locally sourced materials and simple processing methods, our solution encourages responsible production, reduces carbon footprint, and offers visitors a useful, environmentally conscious product that aligns with sustainability goals and community welfare.

