

GETA Young Scientist

Samsya Khoj Contest 2025

31.05.2025

<i>Result</i>	Consolation 02
<i>Problem Title</i>	"Out of Power, Out of Options."
<i>Problem Description</i>	<p>Many people face battery shortage in their phones, laptops, etc. There aren't many charging stations out there. This makes them unable to make their time productive!</p> <ol style="list-style-type: none"> 1. Delivery Workers (food, courier, parcels) Depend on phones for receiving orders, navigation, and communicating with customers. A dead phone leads to missed deliveries and income loss. 2. Ride-share & Gig Workers Require continuous access to mobile apps for ride bookings, location tracking, and digital payments. Power loss results in halted service and reduced earnings. 3. Field Technicians (repair, installation) Need smartphones to coordinate with clients, access job details, and navigate between locations. Battery drain disrupts scheduling and reduces efficiency. 4. Street Vendors & Small Business Operators Increasing reliance on digital payment platforms like UPI. Phone battery depletion prevents transactions and affects customer service. 5. Construction Workers & Site Engineers Often stationed in remote or outdoor areas with limited infrastructure. Lack of charging access impacts communication, safety, and task management. 6. Salespersons & Field Marketers Operate in the field using phones for CRM tools, reporting, client communication, and route planning. Power failure disrupts workflow and productivity. 7. Security Personnel Phones are used for communication, surveillance coordination, and emergency response. Long outdoor shifts offer minimal access to charging facilities. 8. Tourists & Travelers Rely on mobile phones for maps, booking, translations, and digital payments. Battery issues lead to navigation problems and safety concerns. 9. Journalists & Content Creators Use smartphones for capturing, editing, and uploading content in real time. A drained battery can result in missed opportunities and lost coverage.
<i>Affected Audiences</i>	<ol style="list-style-type: none"> 1. Delivery Workers 2. Ride-share & Gig Workers 3. Field Technicians (repair, installation) 4. Street vendors and Small Business Owners 5. Construction Workers and Site Engineers 6. Salespersons & Field Marketers 7. Security Personnel 8. Tourists & Travelers 9. Journalists & Content Creators
<i>Impact Size</i>	Hundreds and more
<i>Location</i>	Universal

<i>Result</i>	Consolation 02
<i>Scope</i>	National
<i>Place</i>	In public
<i>Occurrence</i>	Frequently
<i>Life risk involved?</i>	No
<i>Financial loss or Saving potential</i>	Lakhs or more
<i>Student</i>	SAMBHAV CHHABRA , 7th Class
<i>School</i>	DARBARI LAL DAV MODEL SCHOOL , New Delhi District, Delhi
<i>Guide Teacher</i>	BHAVYA CHHABRA

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