



**From Trash to Treasure: A Hackathon on Innovative Solutions for Waste Utilization**

कचरे से कंचन : कचरे के उपयोग के लिए नवाचारी समाधानों पर हैकैथॉन

## Shortlisted Participants for Final Evaluation

WASTE CATEGORY – PLASTIC WASTE			
SHORTLISTED TEAMS			
	Title of the Solution	Name of Team leader	Team's Registered Email ID
1.	From Bees to MLP Plastics	Yuvaraj.v	akilankumar2003@gmail.com
2.	Plant Pro Laminate: Bio-degradable, Plant-based Laminates for Sustainable MLP Packaging	Khyathi	khyathi.ind@gmail.com
3.	Bin with hydraulic, manual hand-press	Monika Kulawade	kulawadems@gmail.com
4.	Eliminating Aluminum from MLPs (dissolving the aluminum in a solution of sulfuric acid)	Brijesh Patel	20bec083@nirmauni.ac.in
5.	PPS – Push, Pull & Store more	Yashita Bawane	yashitabawane@gmail.com



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**WASTE CATEGORY – ELECTRONIC WASTE**

**SHORTLISTED TEAMS**

	<b>Title of the Solution</b>	<b>Name of Team leader</b>	<b>Team's Registered Email ID</b>
<b>1.</b>	E-Waste Collection and Monitoring System (PS-1)	Tarun Kumar	harshsharmabest001@gmail.com
<b>2.</b>	“Waste to Wealth”: Revolutionising E-Waste Recycling in India	Chinmay Nagpal	nagpal.chinmay2@gmail.com
<b>3.</b>	E-RecycleMate: Your Personal Assistant for E-Waste Management	Abhishek Ranjan Prusty	aviranjana444@gmail.com
<b>4.</b>	Tech-2-Treasure	Rohit Raj	rr5891@dseu.ac.in
<b>5.</b>	Scrap Smart: Connecting Households, Scrap Dealers, and Recyclers for a Greener Future	Mohamed Nayeemullah S	nnayeem439@gmail.com



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<b>WASTE CATEGORY – CROP RESIDUE</b>			
<b>SHORTLISTED TEAMS</b>			
	<b>Title of the Solution</b>	<b>Name of Team leader</b>	<b>Team’s Registered Email ID</b>
<b>1.</b>	C22 PARALI FUEL	Atharva Awatade	Atharvaawatade02@gmail.com
<b>2.</b>	C32 Parali Processor	Dharanidharan S A	2k20cse034@kiot.ac.in
<b>3.</b>	C100 THUTRI - A Mobile Unit for Collecting, Processing, and Storing Parali	Shyamkumar M	shyam50400405@gmail.com
<b>4.</b>	C118 Cost Effective Solutions for Parali collection, transportation and storage of parali within a period of 20 days addressing the supply chain issue	Sasibhusana behera	sasibhusana2005@gmail.com
<b>5.</b>	C132 Dry Acid Pretreatment of Crop residue (parali) at regional Collection centers	Akash Bhardwaj	akash1491998@gmail.com
<p><b>Comments of Committee:</b> The members observed that all the submissions made under the theme were just concepts and ideas, which need to be further understood in detail, and as such are not ready for testing, implementation, or replication. The criteria for assessment provided to the committee had five factors: 1. Solution approach &amp; ambitiousness 2. Technology/innovation 3. Environmental benefits 4. Feasibility/scalability 5. Market potential. Since the solutions were only in form of ideas and not in form of business models/prototypes, these could only be evaluated with respect to the 1st criteria, i.e. approach and ambitiousness.</p> <p>Members of the committee expressed that it may not be appropriate to mark the submissions on the basis of only one criterion, and thus marking was not done for the applications. Instead, the members shortlisted these 5 applications in which the concepts appear to be closely workable.</p>			



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**WASTE CATEGORY – BATTERY WASTE**

**SHORTLISTED TEAMS**

S. No.	Title of the Solution	Name of Team leader	Team's Registered Email ID
1.	<b>Re-Vive:</b> Empowering Households for Eco-Friendly Battery Management	Devansh Singhal	devanshsingal2309@gmail.com
2.	<b>Battery Inventory and Recycling Dashboard (BIRD)</b> NFC-powered intelligent Household Battery Management System for hassle-free battery registration, analysis, and collection.	Harsh Bansal	harshbansal.contact@gmail.com
3.	<b>Smart Battery Recycling Bin with Incentives</b>	Murugavel Rajan TS	mvr12042003@gmail.com
4.	<b>Battery Hub - One Spot for Batteries</b>	Muthuganeshan	muthuganesanng@gmail.com
5.	Extraction of valuable metals from spent lithium-ion batteries using various waste materials	Viraj Kumar Hitesh Kumer Sukhadia	virajsukhadia@gmail.com
6.	Transmission of data about the disposable battery in household use using IoT and Blockchain	Shibam Karmakar	Shibam.karmakar2020@vitbhopal.ac.in



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### Instructions for Finalists for National Evaluation Committee on Trash to Treasure Hackathon

- Congratulations on making it to the final round of the “From Trash to Treasure: A Hackathon on Innovative Solutions for Waste Management”
- A total of 20 entries (5 for each waste stream) will be evaluated by the National Evaluation Committee on **May 24, 2023 (Wednesday)** through Video Conferencing.
- The team leads of selected entries will present their solutions in the prescribed template for 5 minutes followed by Q&A by Committee members for 10 minutes. For Q&A, the candidates will be requested to limit their answers to two minutes per question. The order of presentations and meeting details will be shared on May 23, 2023.
- Each team is required to submit a two-slide presentation in the format prescribed by CPCB. The presentation template will be shared with the team leads. The deadline to submit the presentation is **May 23, 2023 by 2:00 pm** via email at [w2w.cpcb@gov.in](mailto:w2w.cpcb@gov.in). No presentations will be accepted after this. No changes will be accepted once the presentation is submitted.
- CPCB will organise a preparatory meeting on **May 23, 2023 at 4:00 pm** via Video Conferencing. Team leads are requested to attend the meeting. The link for the meeting will be emailed to the team leaders separately.
- The winners will be announced on **May 26, 2023**. The decision of the evaluation committee will be final and no query will be entertained on the same.