

A Hackathon on
**SOLUTION FOR
WASTE REDUCTION**

(E-WASTE, PLASTIC WASTE, INDUSTRIAL SOLID WASTE,
BATTERY WASTE)



organized by
PUNJAB POLLUTION CONTROL BOARD

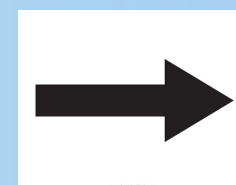
and

CHITKARA UNIVERSITY, PUNJAB

30 June-1 July ,2023

options
(Hardware edition)
(Software edition)

Registration Form



Get yourself registered to put in your creativity and innovation for tackling the challenges of reducing, reusing, and recycling different types of waste in order to create a more sustainable future for our planet

OBJECTIVES OF HACKATHON

- To provide innovative solutions for the waste reduction of E-waste, plastic waste, Industrial Solid waste, Battery waste etc.
- To find avenues to add value to the waste by integrating them into the supply chain.
- To derive technological solutions for effective waste management.
- To promote the 3 R's- Reduce | Reuse | Recycle
- Production and promotion of Alternatives to plastic
- Earthworms as waste managers and vermin technology applications

WHO CAN PARTICIPATE

- Any students and Startups can apply to participate.
- Registration will also be open to the general public, and anyone interested in Sustainability

PROBLEM STATEMENTS

1. Design a smart waste collection system that allows citizens to segregate the various types of solid waste they want to dispose of and the municipal authorities to efficiently collect the same. The system should be mobile app (Android) based.
2. The solution to establish a zero-waste society with proper waste disposal management
3. Tracking, reducing, and reusing plastic waste
4. Using food waste as a consumable organic resource
5. Development of business models for the collection and utilization of single-use plastic and various other industrial wastes
6. Open-ended problem -Technical Solutions to reduce solid/liquid waste.
7. E-waste management
8. Battery waste Management.
9. Solutions for transforming landfill.
10. User-defined problem

FORMAT OF HACKATHON-OFFLINE MODE

TEAM MEMBERS-MAXIMUM 3 | ACADEMIC/INDUSTRIAL MENTOR -1

1st PRIZE
Worth Rs.51,000/-

2nd PRIZE
Worth Rs. 31,000/-

3rd PRIZE
Worth Rs.21,000/-

HACKATHON TIMELINE

Last date of registration
- 15.06.23

ANNOUNCEMENT OF
SHORTLIST IDEAS 17.06.23

BRAINSTORMING AND
PRESENTATION OF SHORTLISTED
IDEAS 30 JUNE-1st JULY, 2023

CONTACT FOR ANY QUERY

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