HACK
THE WASTE
IDEA
HACKATHON

NIRMALA COLLEGE MUVATTUPUZHA

IIC, SUCHITWA MISSION, NAVA KERALA MISSION, GIZ

NATIONAL LEVEL IDEA HACKATHON

Theme: Innovative Approaches to Circular Economy in Plastic and Electronic Waste

Attractive Prizes worth

Plastic Waste Management Solution
1st Prize - Rs. 50,000/-
2nd Prize - Rs. 25000/-
E-Waste Management Solution
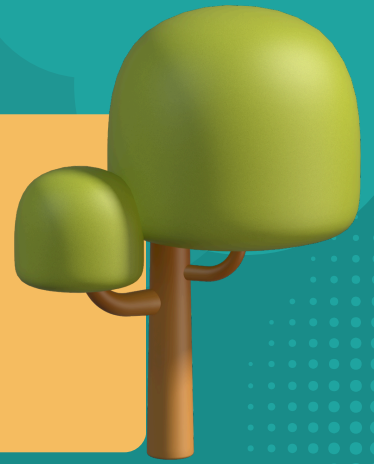**1st Prize - Rs. 50,000/-**
2nd Prize - Rs. 25000/-

Nirmala College
Muvattupuzha Autonomous
FOUNDED 1953

Scope of Problem Statement

The Ideation Hackathon seeks innovative solutions to maximize environmental and economic benefits from waste streams, emphasizing plastic and electronic waste. It encourages original ideas for waste-to-wealth conversion, focusing on reuse, reduction, recycling, refurbishing, and repurposing, while excluding existing waste regulations to foster creativity and novelty.

Purpose of this Hackathon

The purpose of this ideation hackathon is to encourage the best young brains in the country to

1. Present novel concepts for waste utilization, process enhancements, engineering solutions, and technical advancements to facilitate waste-to-wealth transformation.

2. Recognize valuable resources and products within waste streams, and propose specialized, innovative, and multidimensional solutions for their use. Aim to add value to supply chains and explore or develop new market opportunities.

This Hackathon aims to encourage young innovators to leverage their analytical and problem-solving skills, combined with technical expertise, to address real-world waste challenges at the grassroots level. It will enhance their understanding of waste management, foster clearer thinking, and generate innovative solutions for converting waste into wealth.

Eligibility Criteria

All undergraduates, postgraduates, students of professional courses (arts/science/management stream), research scholars and students from technology & engineering fields or startups associated with incubation centres of any institution are eligible to participate in this contest.

- Students are allowed to participate as individuals or teams of up to five members.
- Eligible participants are required to complete the registration process by 10th September 2024.

By participating in the Waste Management Hackathon, you will contribute to developing sustainable solutions that can address the waste management crisis and pave the way for a healthier, cleaner planet.

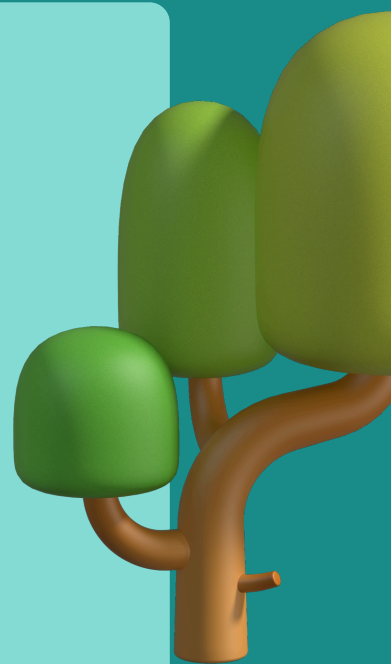**HACK THE WASTE**
IDEA HACKATHON

Hackathon Process

- The hackathon comprises of two phases idea phase and demonstration phase. Idea phase will be in online mode and demonstration phase will be in offline mode (Applicable only for finalists)
- The interested applicants are required to register for the hackathon by September 10, 2024, on https://forms.gle/ZfdSpnW5sZ2gEA1S9.
- One problem statement either of the two or both waste categories (i) Plastic waste and (iii) Electronic waste are considered
- The registered candidates shall be required to submit their ideas/solutions
- No entries will be accepted after the deadline.
- No changes will be accepted once the proposal is submitted.
- The shortlisted ideas/solutions (3 each in both categories) shall be intimated through email to candidates by September 25, 2024
- The shortlisted ideators shall be invited to make a presentation in college before the Evaluation Committee which will be on second week of October 2024. The results (2 each in both categories) will be declared on that day followed by award ceremony

Evaluation Parameters

- The novelty of the idea and the newness of the approach.
- Degree of innovation.
- Waste to Wealth ratio.
- Simplicity & uniqueness of the proposed solution.
- Practicability & Sustainability of the solution
- Scale of impact on the society
- Robustness and replicability.
- Potential for future application.
- Operational feasibility.
- Adherence to at least one of the SDGs

Save OUR PLANET

REGISTER NOW

SCAN ME

TERMS AND CONDITIONS

- The contest is open to students of India only.
- The decision of the Competent Authority of hackathon shall be final and binding about selection at all stages.
- By making a submission in the ideation hackathon, all participants warrant and represent that to the best of their knowledge, their submission is original and does not violate or misappropriate any third-party trade secret, "know-how," copyright, patent, or other intellectual property right.
- Participants also warrant and represent that there are no obligations of any nature, legal or otherwise, which would prohibit, restrict, or interfere with their participation in the Hackathon or submission of their solution, and agree to obtain any necessary approval if needed prior to participation.
- The participants agree that hosting institution of hackathon will share information submitted by the participants to Experts, reviewers etc. (any information that you may not want to share publicly should not be submitted).
- The hackathon hosting institution reserves the right to publish the grantees' information with regard to brief summaries and team details.
- Suchitwa Mission and Nava Kerala Mission reserves the right to use the solution developed through this hackathon.
- By entering the hackathon, each participant agrees to release hosting institution from and against any losses, damages, rights, claims and actions of any kind arising from, an exclusion or disqualification of such participant pursuant to these rules.
- The hosting Institution of the hackathon reserves the right, at its sole discretion, to cancel, terminate, suspend this Hackathon and modify the rules, prizes & funding related to it without prior notice.
- Any correspondence with the participant will be done through the email id provided by the participant at the time of filling out the registration form. The hosting institution is not liable in case of email delivery failures or technical glitches at any stage.

For Further Details please Contact Convenors
Dr. Suby Baby - 9744076219
Dr. Jijo. V.J
(President, IIC, Nirmala College Muvattupuzha)
Mrs. Renjini. S
(District Coordinator, Nava Kerala Mission-2)
Mr. Nifih. S. Haq
(District Coordinator, Suchitwa Mission)

Organising Committee
Rev. Dr. Msgr. Pius Malekandathil
(Manager, Corporate Educational Agency, Diocese of Kothamangalam)
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(Principal, Nirmala College)
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