



LNMIIT Centre for
Technology Business Incubation &
Entrepreneurial Leadership
(LCTBIEL)

LNMIIT
The LNM Institute of
Information Technology

LiFE
Lifestyle for
Environment



75
Azadi Ka
Amrit Mahotsav

HACK THE WASTE IDEATION HACKATHON

Theme : Innovative Solutions for Circularity in Plastic & E-waste

ONLINE MODE

 **MAY 25, 2023**



Scan QR
To Register

Concept Note

The world is grappling with a waste management crisis that is threatening public health and the environment. The impact of waste is evident from overflowing landfills, oceans filled with plastic waste, and toxic waste contaminating the air and water. Typically, waste material is assumed to be an unusable and undesirable substance discarded after primary use having no further economic value. However, the term is subjective as pre-used materials may have material, energy or chemical value not yet explored to their fullest potential. It's time to take action and find sustainable solutions to this problem. The Waste Management Hackathon is an event that aims to bring together bright minds from across the state to develop innovative solutions to tackle waste management challenges.

Driven by the vision of waste to wealth & circular economy this initiative of conducting an Ideation Hackathon is being undertaken. Also, our Nationally Determined Contribution targets are focused on the conservation of resources and sustainable growth. The event will be a platform to showcase the potential of technology, design, and social innovation to create a more sustainable future. The hackathon will provide an opportunity for participants to collaborate and develop ideas that can make a real difference. The focus will be on reducing, reusing, and recycling waste and educating communities on waste management practices. The hackathon is open to any undergraduate/postgraduate/research scholar students with an interest in waste management.

Purpose of this Hackathon

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

- Present original ideas on waste utilization, process modifications/ upgradations, engineering solutions, technical advancement, etc. for waste-to-wealth transformation.
- Identify valuable resources and products that exist in waste streams and present specialized/innovative/multidimensional solutions for their utilization, create value in supply chains and explore/create additional markets.

This Hackathon is focused on boosting young intellectuals to apply their reasoning and problem-solving aptitude in conjunction with technical skills to solve real-world waste-related challenges at the grassroots level. It will help them to build upon their understanding of waste management, emerge with clearer thoughts and presents innovative solutions for Waste to Wealth conversion.

Scope of Problem Statement

This Ideation Hackathon aims to identify valuable resources and potential products from waste streams and utilize them for their environmental and economic value. The vital aspect of conducting this Hackathon is to invite original ideas that would ensure waste-to-wealth conversion for effective reuse, reduce, recycling, refurbishing & repurposing of plastic and electronic waste. The presented ideas/ solutions should not be part of any existing notified Waste Rule.



Eligibility Criteria

- All undergraduate and above students of **Rajasthan** preferably from technology & engineering fields and start-ups 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 **May 23, 2023**.
- Inter-college teams are allowed.
- Multiple nominations from individuals or teams are not allowed.

Hackathon Process

- The hackathon is only in online mode and comprises the ideation phase.
- The Interested applicants are required to register for the hackathon by May 23, 2023, on <https://forms.gle/or8XYwZno9yKTD3b8>
- On the day of the Hackathon May 25, 2023, one problem statement each for two waste categories (i) Plastic waste and (iii) Electronic waste shall be posted on the website at 09:00 am / shall be shared by email to registered participants.
- The registered candidates shall be required to submit their ideas/solutions in the prescribed template on the same day i.e. May 25, 2023, by 05:00 PM via email on hackthewaste.inmiit@gmail.com
- No entries will be accepted after the deadline.
- No changes will be accepted once the proposal is submitted.
- The shortlisted ideas/solutions shall be posted sent on May 27 2023, on (website)/ email to candidates.
- The shortlisted ideas/solutions shall be invited to make a presentation via VC to the Evaluation Committee on May 29, 2023.
- The results will be declared on May 31, 2023, and followed by an award ceremony on June 05, 2023.

Important Dates

Opening of Registration	May 18, 2023
Last date of Registration	May 23, 2023
Ideation Hackathon	May 25, 2023
Screening of Entries & Announcement of Shortlisted Ideas	May 26, 2023
Presentation of Shortlisted Solutions/ Ideas (Online)	May 29, 2023
Final Evaluation & Declaration of Results	May 31, 2023
Award Ceremony	June 05, 2023

Evaluation Parameters

The hackathon will be evaluated by a committee of Experts from industry, government and research institutions. The ideas/solutions will be evaluated by Experts on -

1. The novelty of the idea and the newness of the approach.
2. Degree of innovation.
3. Waste to Wealth ratio.
4. Simplicity & uniqueness of the proposed solution.
5. Practicability & Sustainability of the solution.
6. Scale of impact.
7. Robustness and replicability.
8. Potential for future application.
9. Operational feasibility.
10. Human Development and Mission Life goals; think local.

Rewards

1. Cash prizes of Rs. 50,000 and Rs. 25,000 respectively in each category shall be given to winners and runners-up.
2. Certificate of Appreciation to winning teams & trophy
3. Incubation support from LNMIIT Centre for Technology Business Incubation & Entrepreneurial Leadership at LNMIIT Jaipur shall be provided. This includes expert guidance, knowledge sessions, networking session, product development guidance, mentoring, counselling, and finance and fundraising support.
4. Co-working space can also be provided to start-ups on minimal charges.

Terms and Conditions

- The contest is open to students of Rajasthan only.
- The decision of the Competent Authority of RSPCB & LCTBIEL at LNMIIT 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 RSPCB & LCTBIEL 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).
- RSPCB reserves the right to publish the grantees' information with regard to brief summaries and team details.
- RSPCB reserves the copyright and intellectual property rights on the solution developed through this hackathon.
- By entering the hackathon, each participant agrees to release RSPCB & LCTBIEL 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.
- RSPCB 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. In no event shall RSPCB & LCTBIEL will be liable for any claims, losses, expenses, or damages, arising out of or in connection with the foregoing.
- 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. RSPCB & LCTBIEL is not liable in case of email delivery failures or technical glitches at any stage.

For further details please contact :

Mr. Sanjay Kothari

Environmental Engineer
RSPCB, Jaipur
(M): 9414043040

Dr. Sheenu Jain

Centre Lead – LNMIIT Centre for Technology Business
Incubation & Entrepreneurial Leadership (LCTBIEL)
Email: cl.lctbiel@lnmiit.ac.in (T): 0141 3526181

REGISTRATION

<https://bit.ly/41XIC3f>

Last date to register

May 23, 2023



Scan QR
To Register