

Shillong Water Hackathon

ShiWaHack

Seeking Resolutions on Issues of Water in Hill Areas

Hosted & Curated by

Indian Institute of Management Shillong

Background:

The International Water Conference will be held in Shillong on February 9-10, 2024. The primary focus of the conference is to address the worldwide water challenge and investigate viable and lasting solutions. A global assembly of experts and researchers will convene to deliberate on cutting-edge technologies, strategies, and methodologies aimed at guaranteeing the fair and inclusive availability of potable water for every individual. In addition, the conference seeks to foster collaboration among various entities, such as governments, NGOs, Educational Institutions, Corporations and enterprises to collaboratively pursue water security and conservation objectives.

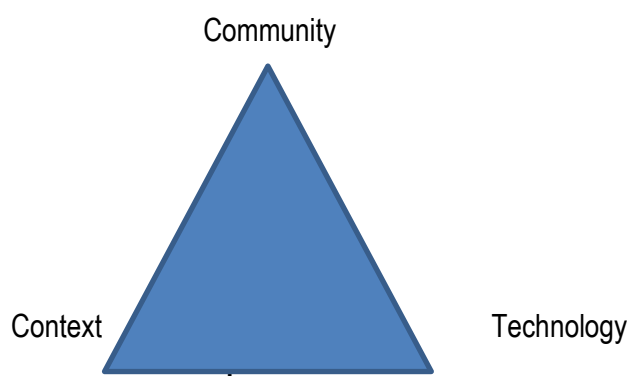
In this context, a hackathon is being organised with the purpose of gathering the most innovative ideas to tackle water problems. On the side-lines of the conference, a hackathon is planned to seek and engage with those ideas which have the potential to provide us with such techno-social and managerial/start-up solutions which could help us address some of the challenges in the hilly regions. Centred around tackling issues around water management, conservation, rejuvenation, recycling, pollution/contamination, and other water-related challenges of engaging the communities.

Problem Statement:

Mountains and hills do receive higher amounts of rainfall but have been experiencing catastrophic impacts of water besides inadequate water harvesting, storage and distribution infrastructure. With climate change and enhanced vulnerabilities for disaster, water poses a serious and distinct challenge to such regions, habitations and even disturbing the endemic flora and fauna.

It is understood that, if the problems of such regions could be understood better as distinct from those in the plain areas, we will be able to find the right solutions which can bring back normal living in these areas.

Therefore, it would be appropriate to locate the solution of water in the context of hilly areas, somewhere within the triangle comprising of Community (mostly indigenous), Context (Hill Areas) and Capability (techno-social):



Communities are finding their indigenous knowledge systems inadequate to contemporary situations and crises, triggered as a consequence of climatic shifts and burden of development. Therefore, it is envisaged to generate potential solutions to help provide coping capabilities for them and those living downstream.

Ideas which may be worthy of adoption and replication by the Public systems – PHE or Municipal Corporations or Traditional Governing Bodies in the hilly regions and or are potential Start-Up ideas.

ShiWaHack invites entries on solutions for problems pertaining to water in hilly regions from:

- Individuals and/or
- Institutions

who may have brilliant ideas to address any such challenges which can help Save Water and Hill Areas.

Objective of the Hackathon:

- ❖ To recognise and resolve particular concerns pertaining to water pollution, conservation, regeneration and management;
- ❖ To investigate the means and medium of engaging Community;
- ❖ To explore possible technology deployment to monitor, manage, and enhance availability of water;
- ❖ To identify and mentor potential start-up ideas;

Focus on Water management in Hilly Areas:

- Water Conservation,
- Rejuvenation,
- Recycling,
- Pollution/Contamination, and any Other

Timeline:

- ❖ Opening of Registration and Idea Submission: 16th January 2024
- ❖ Last date of Registration and Idea Submission: 30th January 2024
- ❖ Idea Evaluation: 31st January 2024
- ❖ Presentation of Shortlisted top 50 ideas: 2nd February 2024
- ❖ Declaration of top 10 teams: 3rd February 2024
- ❖ Grand Finale (Top 10 teams): 9-10th February 2024

Target Audience: Any Individual/Community or Institution interested in Water

Participation:

- ❖ A team of max. 2-member representation as Individual or Institutional Entries.

Criteria for Consideration:

- ❖ Feasibility
- ❖ Innovation or Disruption
- ❖ Scaling up Potential
- ❖ Impact
- ❖ Presentation/Pitch

Prizes and Recognition:

	Individual Entries:	Institutional Entries:
❖ 1 st Prize:	Rs 1,00,000	Rs. 2,00,000
❖ 2 nd Prize:	Rs 75,000	Rs. 1,50,000
❖ 3 rd Prize:	Rs 50,000	Rs. 1,00,000

IIM Shillong Incubate:

Opportunity under IIM Shillong Foundation for Incubation and Enterprises for deserving, willing and potential ideas on a 3 Year incubation track.

Joint Certificate:

Top 10 entries across both the categories will be invited to attend the International Conference and pitch, in person, their hack to a panel of experts and will receive a Joint Certificate of Appreciation from the Indian Institute of Management Shillong and International Water Conference, Shillong.

Idea Submission

Any individual or group interested to take part in hackathon may submit their ideas on or before 30th January 2024 to ecobiz@iimshillong.ac.in

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