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World's #1
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JKCement



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CemHack for Green Infra

(Cement, Concrete, Building Materials, Circular Economy, Green Energy, CCUS, AI/ML, Logistics)

About NCB IC



National Council for Cement and Building Materials - Incubation Centre (NCB-IC) is an initiative of NCB, Ballabgarh, aimed at fostering innovation and building an entrepreneurial ecosystem in the cement, construction, building materials, and allied sectors in India. NCB-IC serves as an umbrella platform providing comprehensive support from start to scale for entrepreneurship and start-ups. It facilitates the commercialization of ground-level research by promoting innovation and product development.

About NCB IC Hackathon

NCB-IC is organizing a hackathon “**CemHack for Green Infra**” for fostering innovation in the areas of Cement, Concrete, and Building Materials, from 20th May 2025 to 30th October 2025 at NCB Ballabgarh.



Hackathon Themes

Track-1: Startups/Professionals/Individuals

Track-2: Students/Research Scholars/Academia



1. Green Cement (Alternative Raw Materials, Higher use & new types of Supplementary Cementitious Materials, new Binders, AI/ML application etc.)



2. Green Process (H₂, Solar Thermal, Micro Grids, Waste Heat Recovery, Alternative Fuels, AI/ML application etc.)



3. Green Concrete (Sustainable & Novel Materials, Special Concrete application, Sustainable Repair and Rehabilitation Techniques, AI/ML application etc.)



4. Carbon Capture, Utilization and Storage in Cement Industry



5. Logistics & Supply Chain Management in Cement and Construction Industry



6. Achieving Net Zero and Sustainable Development Goals in Cement and Construction Industry

Schedule



Participants Eligibility

Track-1 Startups/Professionals/Individuals

Track-2 Students/Research Scholars/Academia

General Guidelines & Rules

1. To participate in the Hackathon, teams must first register for the event and submit the idea(s) as per the prescribed format in any themes through NCB website (<https://www.ncbindia.com/cemhack.php>). Teams of upto 4 members should be formed to participate in the event.
2. All correspondences between the team and organiser will happen through the team lead's email address filled in Google form by the team and the NCB-IC email ID.
3. In the event of selection of the submitted idea, teams will be notified of subsequent stage guidelines for evaluation rounds etc., along with deadlines.
4. After the beginning of Hackathon, the selected teams eliminated at any subsequent stage of the event will be notified on NCB website.
5. The ideas or solutions provided/developed/proposed by the teams must be their own, new and not copied from anywhere.
6. NCB-IC reserves the right to modify/update/discontinue the Hackathon at any stage.
7. NCB-IC is not liable to give any explanation for decision taken by the screening committee/jury in any of the rounds/stages. The decision of the jury/committee will be final and binding .

Team sizes

Team of upto 4 members

Fee

There is no participation fee.

Mentors

Each team may take a mentor (from Academia/ Industry) as a team member

Idea Development Support

Reimbursement upto ₹ 10,000 on production of original bills, only for Track-2 selected teams

Rewards and benefits

Track-1 Startup/Professionals/Individuals

First Place Winner: ₹ 1,00,000/-

Second Place Winner: ₹ 50,000/-

Third Place Winner: ₹ 30,000/-

(With incubation opportunity at NCB-IC)

Track-2 Students/Research Scholars/Academia

First Place Winner: ₹ 1,00,000/-

Second Place Winner: ₹ 50,000/-

Third Place Winner: ₹ 30,000/-

(With certificates and mentoring opportunity at NCB)

Jury Panel

Eminent Experts from NCB, Industry and Academia

Registration Link

<https://www.ncbindia.com/cemhack.php>



Contact us

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