



HACKATHON CUM START-UP CONTEST STUDENT'S GUIDEBOOK

**BUILDING BHARAT SAMPAARK INNOVATION BOOT
CAMP FOR CIVIL ENGINEERING STUDENTS**

Supported By



Office of the Principal Scientific Adviser
to the Government of India



Manthan
Shree and Implementation through
Science, Technology and Innovation

Initiative Partners



National Institute of Urban Affairs

Welcome to the Hackathon!

As a part of the Building Bharat Sampaark Innovation Boot Camp, the Hackathon cum Start-up contest is a great opportunity for you to showcase your innovativeness. The contest is open to all participants of the Innovation Boot Camp.

The following guidebook will help you participate in the contest. Please read through the guidebook to understand the process.

If you have any queries, please reach out to priya@bbsampaark.in

Objective

To develop innovative, feasible, and scalable solutions to the real-world problems within a defined timeframe.

Develop a spirit and mindset of innovation, by being able to think out-of-box and apply the latest technology, knowledge and experience.

1. Who Can Participate

The Hackathon cum Start-up contest is open to all participants of Building Bharat Sampaark Innovation Boot Camp.

Participants can register **individually** or as a **team** (usually 2–5 members).

2. Participation Process



Step 1: Register

- Visit the website (<https://bbsampaark.in>) and Register for the event along with the Hackathon details in the form.
- The Hackathon is open for registered participants of the Innovation Boot Camp **ONLY**.

Supported By



Office of the Principal Scientific Adviser
to the Government of India



Initiative Partners



- Ensure that you have chosen to participate in the Hackathon while registering for the boot camp.
- You can choose to participate in one or more Hackathon themes.
- Participation in Hackathon is encouraged, although it is not mandatory.

Step 2: Develop Solution

- Access the Hackathon Problem Statements from the 'Hackathon' section of the app/website. Carefully review the **Hackathon Themes and Problem Statements** provided. Each problem statement includes background information, expectations, and deliverables.
- Start developing the solution by preparing a concept note or an idea summary.
- It is ideal to prepare the solution along the final submission format (Annexure 1 in this document).

Step 3: Submit Solution

- Prepare your final solution in the final submission format (Annexure 1 in this document).
- Review your solution for accuracy and completeness.
- Go to the website (<https://bbsampaark.in>) and look for Hackathon Idea Submission Form.
- Enter your solution in the online form (form has same fields as Annexure 1 of this document) before the deadline. Attach your solution document in the provision given in the form.
- Hit the submit button.
- Submit your final solution **ONLY**. You will NOT be able to edit the submitted solution. In case you do need to change anything in the submitted solution, you will need to re-submit the entire submission form through the website.
- Late submissions will **not be accepted**.

Supported By



Office of the Principal Scientific Adviser
to the Government of India



Initiative Partners



National Institute of Urban Affairs

Step 4: Present to Jury

- Prepare your jury presentation in the given ppt format (access the Presentation Template from the Hackathon Section of the app / website).
- Ensure that there is no disconnect between the solution submitted via the online form and the one presented to the jury.
- Make sure to abide by the time for your presentation. If your time is over, you will be asked to leave the stage.

Evaluation Criteria

- Entries will be evaluated on the criteria of:
- Innovation & Creativity
- Feasibility & Technical Soundness
- Scalability & Sustainability
- Impact Potential
- Implementation (Roadmap)
- Presentation & Clarity

Supported By



Office of the Principal Scientific Adviser
to the Government of India



Initiative Partners



3. Code of Conduct

All participants are expected to maintain professionalism, respect, and integrity throughout the event.

a. Professional Behavior

- Be respectful to fellow participants, mentors, jury, and organizers.
- Maintain decorum during sessions, workshops, and presentations.
- Avoid plagiarism — all work must be your own or properly credited.

b. Team Conduct

- Collaborate openly and share responsibilities fairly.
- Communicate clearly and resolve conflicts constructively.
- No sabotage or interference with other teams' work.

c. Ethical Use of Technology

- Use only legitimate, open-source, or licensed software and datasets.
- Do not attempt to hack event systems or misuse event resources.

d. Time & Resource Management

- Adhere to timelines strictly.
- Respect the event schedule and submission deadlines.
- Use event-provided tools and infrastructure responsibly.

e. Social Media & Communication Guidelines

- You are encouraged to share your participation on social media responsibly.
- Tag official event handles and use event hashtags.
- Do **not** share confidential project details before results are announced.
- Be respectful — avoid negative or misleading comments online.

Supported By



Office of the Principal Scientific Adviser
to the Government of India



Initiative Partners



4. During the Hackathon: Tips for Success

- **Plan:** Map out your idea and key features and plan what you want to emphasize on.
- **Focus on clarity:** Be ready to explain your idea in a clear, concise manner.
- **Engage with mentors:** Use their expertise to strengthen your concept.
- **Test and iterate:** Don't wait till the end to refine your solution.
- **Prepare for presentation:** Practice your pitch, highlight the problem, your solution, and its impact.

5. Post-Hackathon Journey

- Every participant gains valuable experience.
- You will get a Certificate of Participation.
- Promising ideas will be selected and invited to the incubation stage for further development.

6. Quick Checklist for Participants

- ✓ Register and confirm team details
- ✓ Review problem statements carefully
- ✓ Finalize your idea development plan
- ✓ Join all orientation or mentor sessions
- ✓ Track all submission deadlines
- ✓ Prepare final documents and pitch deck
- ✓ Follow the code of conduct and event rules
- ✓ Submit your work on time
- ✓ Present confidently and enjoy the experience!

7. Contact & Support

For any queries, technical support, or clarifications, contact the organizing team through priya@bbsampaark.in

Supported By



Office of the Principal Scientific Adviser
to the Government of India



Initiative Partners



Annexure 1

Final Idea Submission Format

Building Bharat Sampark Innovation Boot Camp for Civil Engineering Students Hackathon cum Start-up Contest Idea Submission Form

Section 1: Individual / Team Details

Individual / Team Name: _____

Section 2: Chosen Idea

Theme:

Problem Statement:

Section 3: Idea Overview

Solution Title: (100 words)

Overview of Proposed Solution / Concept

Describe your idea and how it addresses the problem: (1000 words)

Section 4: Innovativeness & Creativity

Key Features / Innovations: (1000 words)

Supported By

Initiative Partners



Office of the Principal Scientific Adviser
to the Government of India



Manthan
Ideas and implementation through
Science, Technology, and Innovation



National Institute of Urban Affairs

Section 5: Feasibility & Technical Details

Technology Stack / Tools Used: (1000 words)

Expected Outcome: (1000 words)

Section 6: Scalability & Sustainability

Target Users / Beneficiaries: (500 words)

Expected Impact (Social, Economic, Environmental, etc.): (1000 words)

Section 7: Impact Potential

Business Feasibility (How will this be scaled, implemented or sustained?): (1000 words)

Commercial Viability (Potential of the idea to be transformed into a business opportunity – market, commercials, etc.): (1000 words)

Section 8: Attachments (if applicable) (max upto 5MB File size)

- ☐ Sketches / Diagrams ☐ Presentation File ☐ Prototype Screenshots
☐ GitHub / Project Link:
-

☐ Declaration

We hereby declare that this idea is our original work and does not infringe on any intellectual property rights. We understand that the organizers reserve the right to use the submitted materials for evaluation and showcase purposes.

(Digital acceptance)

Supported By



Office of the Principal Scientific Adviser
to the Government of India



Initiative Partners

