

FAQ

1. Who can participate in Riverathon 1.0?

Full-time undergraduate and postgraduate students of any discipline from Indian institutions are eligible.

2. Can international students studying in India apply?

Yes, if they possess a valid Indian identity proof (e.g., Aadhaar, Voter ID).

3. Is there a registration fee?

No, participation in Riverathon 1.0 is **free of cost**.

4. How many members can be in a team?

Each team must have **2 to 4 members**.

5. Can students from different colleges form a team?

Yes, cross-institutional teams are allowed.

6. What documents are needed at the time of registration?

Participants should provide:

- Name (as per official documents)
- Date of birth proof
- Valid identity document (Aadhaar, Passport, Voter ID)
- Student ID or bonafide certificate

7. Can I participate individually?

No, solo participation is not allowed. A minimum of **2 members** per team is mandatory.

8. What is the central theme of Riverathon 1.0?

To develop tech-driven solutions for river restoration, rejuvenation, and revival using **LiDAR, geospatial, AI/ML, and other data tools**.

9. Can we choose our own problem statement?

Yes. You may work on a custom river-related issue under the “**Any other theme**” category.

10. Is prior experience in LiDAR or GIS necessary?

No, but familiarity is helpful. **Workshops and webinars** will be provided for guidance.

11. Are there specific tools we need to use?

Participants are encouraged to use tools like **ArcGIS, QGIS, HEC-RAS, ENVI LiDAR, Pix4D, Bentley Context Capture**, and **AI/ML platforms**.

12. Will LiDAR data be provided?

Relevant open-source datasets and references will be shared during the webinars. Participants may also use publicly available data.

13. Can we use other technologies besides LiDAR?

Yes, a **multi-technology approach** is encouraged (e.g., satellite data, IoT, community survey inputs).

14. Are AI/ML models allowed?

Absolutely. Innovative use of **AI/ML** for prediction, analysis, or simulation is highly encouraged.

15. What are the phases of the hackathon?

- Ideation & Submission
- Screening & Mentor Allocation
- Training & Mentoring
- Solution Development
- Grand Finale & Judging

16. Will the hackathon be online or offline?

All stages **before the finale** will be online. The **grand finale** will be conducted **offline** (venue details to be shared with finalists).

17. What happens after submitting the idea?

Ideas will be **screened by experts**, and selected teams will be assigned mentors for further development.

18. What is the timeline for the hackathon?

- Registration: Starts 10th June 2025*
- Idea Submission Deadline: 15th August 2025*
- Final Submission: 31st October 2025*
- Grand Finale: 30th November 2025*

*Dates are subject to change. Participants are advised to stay updated through official communication channels.

19. Will mentors be available to guide teams?

Yes. Each selected team will be assigned to **domain and technical mentors**.

20. Are workshops mandatory?

Participation in **pre-hackathon workshops** is strongly recommended for technical grounding.

21. What are the judging criteria?

Solutions will be judged on:

- Innovativeness
- Technical Implementation
- Impact
- Sustainability
- Presentation & Clarity

22. Will there be multiple rounds of evaluation?

Yes, including **initial screening**, **mentor feedback**, and **final judging** during the grand finale.

23. Who will be on the jury panel?

Experts from **academia**, **industry**, **environmental science**, and **government agencies** like NMCG.

24. What needs to be submitted in the final phase?

- Commented source code (GitHub or similar)
- Demo video (2–5 mins) or Slide Deck
- Technical documentation (problem, method, tools, impact)

25. Can we make changes to our idea after submission?

Yes, selected teams can evolve their ideas during the development phase with mentor guidance.

26. Will incomplete submissions be considered?

No. Incomplete or unclear submissions may be **rejected or disqualified**.

27. Will our identity be verified?

Yes. Participants must be ready to share valid ID proof (Aadhaar, Passport, etc.) and institutional affiliation. Any **mismatch** can lead to **disqualification**.

28. Are plagiarism and pre-built code allowed?

No. All work must be original and created during the hackathon. Use of external code must be properly cited.

29. What are the prizes?

- First Prize: ₹3,50,000
- Second Prize: ₹1,50,000
- Special Mentions (Most Innovative, Best Use of Data): ₹50,000 each
- Post-hackathon support for best 2 projects

30. Will selected projects get post-event support?

Yes. Promising solutions may receive **mentorship, funding, or partnership** opportunities for implementation or research extension.

31. What documents are required for participation, and when will they be verified?

All participants must submit valid **proof of identity, date of birth, and institutional affiliation**. Acceptable documents include:

- **Aadhaar Card / Passport / Voter ID** (for nationality and DoB)
- **Institution-issued ID card** or a **bonafide certificate** (for affiliation verification)
Verification may be conducted **at any stage** of the hackathon. If any mismatch or false information is found, **the participant/team will be disqualified immediately**.

32. Are participants allowed to use pre-existing code or models?

No. All code and content must be developed **during the hackathon**. However, the use of **standard libraries, open-source APIs**, and publicly available tools is allowed. Teams must clearly document any **external tools** used. Any attempt to submit **pre-developed or plagiarized work** will lead to disqualification.

33. What is the expected format for final submission?

Each team must submit the following:

- **Source Code** (with proper comments and documentation via GitHub or equivalent platform)
- **Demo Video or Slide Deck** (2–5 minutes explaining the problem, approach, and solution)
- **Technical Documentation** including:

- Problem statement
 - Methodology
 - Use of LiDAR or geospatial technologies
 - Tools/software used
 - Environmental and social impact
 - Future scalability
- Failure to submit any of the required components may result in loss of marks or disqualification.

Q34. Can a student register multiple times under the same theme with different teams or ideas?

Ans: No, a student can register only once under a particular theme. Multiple registrations by the same student in the same theme are not allowed, regardless of different team compositions or project ideas. However, a student may register under different themes, but only once per theme.

Q35. Is it mandatory to submit a presentation (PPT) during the initial submission?

Ans: Yes, submission of a PowerPoint presentation (PPT) is mandatory during the initial submission. The PPT should include your problem statement, proposed solution, methodology, and expected outcomes to support your project idea.

Q36. Can a participant be part of more than one team?

Answer: No, each team must be unique. Intermingling or sharing of team members across multiple teams is strictly not allowed. Every participant can register under **only one team**.

Q37. How many themes can a team apply for?

Answer: A team may apply for a maximum of three themes under Riverathon. To enhance the quality and relevance of their submission, teams are encouraged to select themes that best match their strengths, expertise, or areas of interest.

Q38. What happens if a team submits ideas under multiple themes?

Answer: If a team applies under multiple themes (up to three), the **best idea among the submitted ones** will be selected by the jury for further contention in the hackathon stages.

Q.39 Is a PowerPoint template available for initial idea submission in Riverthon 1.0?

Answer: Yes, a downloadable PowerPoint template is available. It can be accessed [<https://amity.edu/riverathon1.0/pdf/IDEA-SUBMISSION-TEMPLATE.pptx>], on the homepage of Riverthon 1.0 website, and at the bottom of the registration form.

Q.40 If only the team leader registers initially, when and how can the remaining team members be added?

Answer: If only the team leader registers during the initial submission, the remaining team members can be added **after the idea is shortlisted**. The team leader will be **officially notified** and must then register the full team through the **designated communication channel** provided at that stage.