BHARAT Navnirmaan Challenge

SEASON 2

Presented by:

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NICMAR

Official AI Guidelines



AI tools may support your work, but the work must be your own.

To keep the Challenge fair, original and academically honest, these guidelines apply to every team at every stage (College Round, Online Submission Round, City Finale, Regional Finale and Grand Finale). They cover written proposals, drawings, models, presentations and Q&A. They form part of the Official Rules (Section 16), and they prevail on any point about AI use.

1. What AI may be used for

AI tools may be used for **language refinement**: improving grammar, clarity, structure or presentation of text you wrote. They must not create technical content.

General idea inspiration, such as brainstorming a direction, is also allowed. Any idea you take forward must be checked, developed and owned by your team.

Allowed	Not allowed
Correcting grammar, spelling and clarity	Generating technical solutions or engineering content
Improving structure or flow of your own text	Producing engineering calculations
Improving the layout and presentation of slides	Creating final designs or other final engineering outputs
Brainstorming general directions (see above)	Fabricating data or generating misleading images

2. What must be created manually

Students must produce all technical work themselves. The following must be created manually, with **no AI assistance**, in every submission and presentation at every stage, including drafts and initial sketches:

- CAD drawings
- Structural calculations
- Material take-offs
- Simulations
- Engineering diagrams
- Campus or site-specific designs

AI assistance is strictly prohibited for these components.

3. Prohibited use of AI

Do not use AI tools to:

- Fabricate or fake data
- Generate false or misleading images
- Manipulate survey results
- Alter or distort factual information
- Invent references or citations

Integrity of data and design is non-negotiable.

4. AI as the subject of your solution

A team may propose a solution that itself uses AI, for example under the "AI in Construction" domain. The team must still design, calculate and explain that solution on its own, and the rules in Sections 1 to 3 still apply to how the submission is produced.

5. Originality checks

- All submissions undergo originality checks. The organisers run a similarity check (maximum 10%, see Section 16 of the Official Rules) and may review for AI-generated content where necessary.
- The jury also assesses the authenticity of ideas and work, including in the Q&A. Every team member must be able to explain any part of the submission.
- On request, a team must provide its working files, such as CAD source files, calculation sheets and survey records.

6. Mandatory disclosure of AI use

Any team that uses an AI tool at any stage (research, analysis, drafting, design, visualisation or coding) must include a disclosure in the "Plagiarism & AI Disclosure" section of its submission, stating:

- **Name of the AI tool used**
- **Purpose for which the AI tool was used**
- **Where in the submission it was used**

A team that did not use AI must say so in the same section. Disclosure does not make a prohibited use acceptable.

7. Consequences of a breach

- Using AI for a prohibited purpose, fabricating data or failing to disclose AI use is treated as falsified data or misconduct under the Disqualification Rules (Section 19 of the Official Rules).
- The organisers decide each case and tell the team the reason in writing. Their decision is final and binding.
- The organisers reserve the right to amend, modify or withdraw any rule or guideline in this document at any time, without prior notice, and all such changes are binding on all participants.

In summary

AI may be used for **language refinement and general idea inspiration only**. It must **not** be used for technical solutions, engineering calculations, or final designs and outputs. Every submission must reflect **original student work**, genuine engineering understanding and authentic problem-solving ability, and must disclose any AI use.