

**YOUNG INVENTORS CHALLENGE 2026
PROPOSAL FORMAT AND REQUIREMENTS**

Prepare a proposal based on the following format and Requirements:

1. *Page limit: 5 pages (max). AI use declaration and References may be added to the Appendices. The Cover-page & Appendices does not count toward the page limit.*
2. *Paper size: A4*
3. *Font: Times New Roman (12 points)*
4. *Spacing: 1 point*
5. *File Format: PDF*
6. *You are strictly required to follow the AI/Tech Usage Policy*

AI/Tech Usage Policy

Why:

The Young Inventors Challenge encourages innovation and responsible use of technology, including Artificial Intelligence (AI), in developing inventions/innovation/proposal & reports. This policy ensures transparency, fairness, and integrity in the challenge.

All participants must declare any use of AI tools (e.g., ChatGPT, Google Gemini, Bard, Microsoft Copilot, AI-driven research or design tools) in preparing their inventions/innovation/proposal & report. The declaration should include:

- The specific AI tools used.
- The purpose of AI assistance (e.g., research, writing, data analysis, design).
- The extent of AI-generated content versus human input.

This declaration must be included in an appendix of the proposal/report.

How to Declare in the written BP:

“We used ChatGPT/Gemini/DeepSeek to research ABC, EFG & XYZ. We also used Grammarly for our spelling and grammar.”

Do's	Don'ts	Consequences
AI may be used for: <ul style="list-style-type: none"> • Idea brainstorming and refinement. • Data analysis and visualization. • Research and forecasting. • Improving grammar and readability. 	AI must not be used to: <ul style="list-style-type: none"> • Fabricate data, proposal/reports, or invention/innovation ideas. • Plagiarize or directly copy AI-generated content without modification. • Generate entire proposal / report without human involvement. 	Failure to declare AI usage or misuse of AI tools may result in: <ul style="list-style-type: none"> • Deduction of points. • Disqualification from the challenge. • Other penalties as deemed appropriate by the YIC organizing committee.

*ASTI uses a software when needed to detect plagiarism or AI generated content.

State/Country:

School Name:

Team Name:

Team Members Name:

Mentors Name:

**Your Invention addresses which SDG?
(You can select more than 1, however you will need to
explain how your invention is related and/or will solve the SDG under the Theme)**

SDGs Theme	Please select (√) the appropriate box
1. No Poverty	
2. Zero Hunger	
3. Good Health and Well-being	
4. Quality Education	
5. Gender Equality	
6. Clean Water and Sanitation	
7. Affordable and Clean Energy	
8. Decent Work and Economic Growth	
9. Industry, Innovation, and Infrastructure	
10. Reducing Inequality	
11. Sustainable Cities and Communities	
12. Responsible Consumption and Production	
13. Climate Action	
14. Life Below Water	
15. Life On Land	
16. Peace, Justice, and Strong Institutions	
17. Partnerships for the Goals	

Title of Invention:

- Give a short title for your invention/innovation

Abstract:

- Describe/summarize your invention/innovation in 200 words.
- Include problem statement, method/approach, novelty/originality, results, highlights & potential beneficiaries.

Problem Statement:

Write in paragraph and describe the followings:

- Clearly define the identified problem and the stakeholders involved
- Provide a background study on the problem.
- Briefly discuss how your proposed invention/innovation will help address the identified problem.

Objectives:

- Provide 3-5 objectives on your proposed invention/innovation in point form.

Theme:

Write in paragraph and describe the followings:

- Choose the most appropriate SDG for your invention/innovation.
- Describe how your work supports the chosen SDG.
- Identify the potential beneficiaries of your invention/innovation.

Novelty/Originality:

Write in paragraph and describe the followings:

- What is the uniqueness of your proposed invention /innovation?
- Have you surveyed or identified similar invention/innovation available in the market?
- Who are your potential customers/collaborators/partners?
- Who are your competitors?

Discussion:

Provide a detailed overview of your proposed invention/innovation with emphasis on the following:

- Which specific problem will your invention/innovation provide a solution to?
- How will your invention/innovation meet your objectives?
- How will it be implemented in a practical application?
- How useful is your invention/innovation?
- Who will benefit from your invention/innovation ie community, environment.
- Is your proposed solution based on scientific evidence or scientific fundamentals?
- How will your invention/innovation impact the beneficiaries?

Commercialization Potentials:

Write in paragraph and describe the followings:

- Is your invention/innovation market-ready?
- What is your potential response from the targeted stakeholders.
- What is your plan for the future with this invention/innovation?

Graphical Abstract:

- Clearly illustrate your proposed invention/innovation.

Note: You may also include other information relevant to your proposal besides the questions above.

AI use declaration and References