

# GYS Avishkar AWARDS

**Grooming Student Innovators for the Nation**

GYS Avishkar Awards is a prestigious National Science Projects Competition designed for students from classes 6 to 12. This competition aims to identify and promote innovative ideas that have the potential to create a significant impact on society.

## **Unique Features of GYS Avishkar Awards**

Most science competitions typically take place between October and January during the academic year and reward students. But, the GYS Avishkar Awards stand out due to two distinct features:

1. *Utilization of Summer Holidays:* Being scheduled between April and August, GYS Avishkar Awards give opportunity to students and their guide teachers availing summer holidays effectively to develop their projects at a comfortable pace.
2. *Recognition of Guide Teachers:* This competition not only acknowledges the efforts of students but also recognizes and rewards the guide teachers who mentor and support students winning the competition.

## **A Completely Online Competition**

- One of the biggest advantages of the GYS Avishkar Awards is that it is conducted entirely online. Students can develop their projects from the comfort of their homes and submit in video format.

## **Project Submission**

Students need to submit a 3 to 7-minute video demonstrating their idea, model, or prototype. The video must include a voice explanation and should clearly present *the problem being addressed, solution proposed, marketability of the idea, etc.*

Additionally, the video should be well-structured with *a cover page, appropriate titles, intermittent captions, a closing page, and so on making it meaningful.*

## **Evaluation Criteria**

On the website, the competition organizers provide clear evaluation criteria to help students craft a winning project. Participants are encouraged to carefully review the competition terms & conditions as well as the project submission format to ensure they meet all the requirements.

By taking part in the GYS Avishkar Awards 2023, students get a unique opportunity to showcase their creativity, problem-solving skills, and innovative thinking—all while enjoying a productive and enriching summer experience. So, start brainstorming, bring your ideas to life, and make an impact! Avishkar Awards booklets presenting winners of previous years are available on the website.

# GYS Avishkar AWARDS 2023 Grooming Student Innovators for the Nation

## Theme: Low Cost Grassroots Innovation

The GYS Avishkar Awards 2023, a prestigious national science project competition for students from classes 6 to 12, witnessed an overwhelming response from young innovators across the country.

The competition aimed to identify and promote groundbreaking ideas that have the potential to create a positive societal impact and be commercially viable.

## Enthusiastic Participation from 11 States

In the very first attempt, the competition received an impressive 151 project submissions from 11 states, showcasing an incredible creativity and scientific curiosity of students nationwide.



After a rigorous evaluation process, 32 projects were shortlisted for the final round, where participants had the opportunity to further refine and present their ideas.

## Recognizing the Best Innovations



In the final round, a distinguished panel of experts meticulously assessed the projects based on innovation, feasibility, societal impact, and market potential. After careful deliberation, the panel selected:

- 3 Winning Projects
- 9 Consolation Prize Winners

These outstanding projects exemplified originality, scientific rigor, and practical applicability, making them worthy of recognition and accolades.



Here are the **12 Student Innovations** brought out by GYS Avishkar Awards 2023:

1. Think Taste Drink Taste
2. How to Prevent Train Platform Accidents
3. Healthy Blackboard Duster
4. Turbo Hot - Energy Saving Water Heater
5. Cow Dung & Cow Curd use instead of Chemical Fertilizers
6. Hole Monitoring and Cleaning



7. Reduce and Produce
8. Smart Apron for Delivery Boys / Girls
9. Power Play
10. Bio Pots
11. River Cleaning Boat
12. Pot Cooler - an Eco-Friendly Cooler



The Awards function was held at the Regional Science Center, Vijayawada. Dr. Y. Aparna, Member Secretary, Andhra Pradesh State Council of Science & Technology (APCOST) graced the occasion and handed over the Prizes to Winners.



## Platform to the Next Generation of Student Innovators

The GYS Avishkar Awards continues to inspire young minds to think beyond textbooks and develop innovative solutions to real-world problems. By providing a platform for students to showcase their talent and creativity, the competition not only fosters scientific temper but also nurtures the spirit of entrepreneurship.



# GYS Avishkar AWARDS 2024

Grooming Student Innovators for the Nation

## Celebrating Innovation in Science

With same theme of Low Cost Grassroots Innovations, GYS Avishkar Awards 2024 made progress. There were 306 submissions from 20 states. 262 projects were qualified after initial screening.



After careful deliberation in the first round of evaluation, 45 projects were shortlisted for the final round. From these, the panel selected:

- 3 Winning Projects
- 10 Consolation Prize Winners



Below are the **13 innovations** from GYS Avishkar Awards 2024.

1. Taap Rakshak: Fireproof Material
2. AMCERD-F: Artificial Moisture
3. MacMed
4. Farmer's Friendly Bicycle
5. Autoswitch (Person Conting Device)
6. Smarty Washer
7. CARES: Animals on Roads – Enhancement of Safety
8. Smart Umbrella
9. Alert Drive Headgear
10. Automatic Cloth Dryer
11. Gradient Doors for Train
12. Caliper-X: Prosthetic Leg Improved Model
13. Project Title: AI Based Coma Patient Monitoring System



The Awards ceremony was held at RK College of Engineering near Vijayawada on 05 Oct 2024. Mr. M. Amarnath, Secretary and Member on the College Governing Board graced the occasion.