JIGYASA 2026-27

"Student- Scientist Connect Programme"

"TECHNOVATION"
(Class 9-12)

STUDENT COMPETITION (Online mode)

Background

- CSIR-Structural Engineering Research Centre (CSIR-SERC), Chennai, is conducting JIGYASA events for knowledge sharing between scientists and students
- As like previous years, innovative online competitions are being organized for school students, namely **SCIFIC** (for classes 6-8) and **TECHNOVATION** (for classes 9-12)

Objective

This program's objective is to improvise the student's problem-solving capabilities and creative thinking skills. Activities can be carried out either independently by students or under the technical guidance of their parents/teachers.

Organized by
CSIR-Structural Engineering Research Centre
(An ISO 9001:2015 Certified Organisation)
CSIR Campus, Taramani,
Chennai – 600 113, India

TECHNOVATION (Class 9-12) – Guidelines

- TECHNOVATION is a technology development activity. Target students – Class 9 to Class 12. Each team will comprise not more than **five** members (say 3-5). A maximum of **3 groups (5 students (max.) / group)** from each school can participate in TECHNOVATION. Students should register using the registration link provided
- Topics could be Science/Technology/Engineering/Energy/ Environment/Infrastructure/Clean water and sanitation/ Affordable and clean energy/Sustainable cities and communities/Climate Action/Life below water/Life on land/Agriculture/Food/Health & Fitness/Forces & Motion / Robotics
- It involves the identification of the problem and its impact, and the development of a new scientific idea / innovative solution to tackle the problem using science, technology, and engineering principles
- Each team needs to submit a document highlighting a survey of existing solutions along with their drawbacks, a list of various solutions explored before arriving at the proposed solution, the motivation and scientific reasoning behind the idea, experiment details if conducted, final design, and prototype of the solution. Teams can include illustrations, pictures, and graphs in the project document
- Each team is also required to submit a PowerPoint presentation of 5-8 slides (mandatory) / short video of 2-3 minutes (optional) describing their solution. Templates for the presentation and the project document will be sent through email. Prize will be given to the selected participants based on the evaluation committee's recommendation. (committee comprises the scientists of CSIR-SERC & CSIR Madras Complex)
- All submissions should be either in **Tamil** or **English,** or **Hindi** only

Categories

Category – 1: Government schools of Tamil Nadu & Puducherry region
Category – 2: Kendriya Vidyalaya schools in Tamil Nadu & Puducherry region

Details of Cash Prize (for each category)

First Prize	- Rs.10000/-
Second Prize	- Rs.6000/-
Third Prize	- Rs.4000/-
Consolation prizes	- Rs.1000/- (5 no)

Deadlines

Registration	-	20th November 2026
Submission of final entries	-	21st December 2026
Declaration of results	-	3rd week of January 2027

General Rules

1. Each team (entry) should certify that it is their original content.
2. Any violation of copying or infringement of others' ideas/content will automatically lead to disqualification
3. A copy of the submitted registration form will be sent to the respective schools of participants for cross-verification.
4. Judges' decisions will be final. No appeals will be entertained.
5. CSIR-SERC will not be responsible for any third-party claims and complaints regarding the ownership of ideas submitted.
6. Prize money will be transferred to the school accounts only, NOT to the student's account. Principals / Headmasters are kindly requested to hand over the same to the winning students.

Registration

Registration is free and no payment is required. It can be completed online- **Click here for registration**

"Certificate of participation will be issued to all student participants"
"Mentors of winning teams/students will also receive the certificate"

For further details, please contact:

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