



## INVITATION TO PARTICIPATE IN TECHNOVA 3.0, 2026

Future-Tech Innovation Festival

**Organized by:** *Saint Soldiers Divine Public School, Sector 16, Panchkula*

**In Collaboration with:** *STEMOrbit*

Dear Principals, Coordinators, and Educators,

We are excited to extend an invitation to your esteemed school/institution to participate in **TECHNOVA 3.0 – Future-Tech Innovation Festival**, a dynamic inter-school platform created to inspire creativity, innovation, and future-ready thinking among young learners.

Building upon the remarkable success of previous editions, TECHNOVA 3.0 aims to provide an even more immersive and engaging experience where students can explore emerging technologies, collaborate with peers, and transform ideas into impactful solutions.

This festival will bring together aspiring innovators, tech enthusiasts, and problem-solvers from various schools to showcase their talents through futuristic projects, interactive presentations, hands-on challenges, and collaborative learning experiences. TECHNOVA 3.0 is designed to encourage students to think beyond boundaries and prepare for the technology-driven world of tomorrow.

### EVENT SCHEDULE

Date	Activity	Time
July 21, 2026	Day 1: Future Innovation Build Challenge	8:15 AM Reporting
July 22, 2026	Day 2: Innovation Showcase & Expert Review	8:15 AM Reporting

📍 Venue: Saint Soldiers Divine Public School, Sector 16, Panchkula

### TEAM COMPOSITION & ELIGIBILITY

- Each team must consist of **2 to 4 students**.
- Participation is open to students from **Classes 6 to 10**.
- A team may include students from different classes; however, **no more than two students from the same class** are allowed in one team.
- Every participating team must be accompanied by **one mentor teacher** from their school.
- Schools are permitted to register **a maximum of two teams**, with each team participating in a separate category.
- **One student can participate in only one team** throughout the competition.

### REGISTRATION INFORMATION

- There will be **NO Registration Fee** to Participation in **TECHNOVA 3.0**.



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- All registrations must be completed on or before May 29, 2026

**Registration Link:** [www.technovafest.com/registration](http://www.technovafest.com/registration)

## PROJECT SUBMISSION GUIDELINES

To successfully complete the registration process, each team must submit the following materials for review:

### ✓ 1. Project Concept Note (Writeup)

Teams are required to provide a brief overview of their proposed idea, highlighting:

- Project title
- The challenge or issue being addressed

## COMPETITION CATEGORIES

Participants may choose from **three future-focused innovation domains**, designed to inspire creativity, problem-solving, and technological thinking aligned with tomorrow's world.

### 1. Future Living & Smart Cities

Imagine how people will live in the future. This category focuses on designing intelligent, sustainable, and technology-driven urban environments.

#### Suggested Areas:

- Smart homes and automated living systems
- Future transportation solutions
- AI-powered city management
- Sustainable infrastructure and urban planning
- Smart energy and water management systems

### 2. Planet Protection & Space Innovation

Create solutions that protect our planet while exploring possibilities beyond Earth. This category encourages ideas focused on environmental sustainability and space-based innovation.

#### Suggested Areas:

- Climate repair and environmental restoration
- Renewable and clean energy systems
- Disaster prevention and early warning technologies
- Space habitats and Mars colony concepts





- Eco-friendly technologies for future survival

### 3. Open Innovation Category (Futuristic Projects)

Think beyond limits and bring your imagination to life. This category welcomes futuristic concepts that solve real-world challenges through science, technology, and innovation.

#### Suggested Areas:

- Future lifestyle technologies
- AI and robotics concepts
- Advanced automation systems
- Creative problem-solving innovations
- Any unique futuristic working model with real-world relevance

**Bring your imagination to life and showcase your innovative thinking!**

#### DAY 1 – Future Innovation Build Challenge

**Date:** July 21, 2026

**Reporting Time:** 8:15 AM

Participants will enter an immersive innovation arena where teams will conceptualize, design, and develop a **futuristic working model** aligned with a surprise problem statement revealed at the venue.

The challenge requires teams to think critically, adapt creatively, and integrate the given real-world problem into their project idea while building a functional solution within the allotted timeframe.

**Build Duration:** 5-Hour Innovation Window

#### Event Flow

Phase	Duration	Description
<b>Challenge Briefing &amp; Planning</b>	30 mins	Teams receive the surprise problem statement, brainstorm ideas, and assign roles
<b>Prototype Development – Stage 1</b>	90 mins	Initial construction, framework setup, and concept execution
<b>Innovation Integration</b>	90 mins	Teams incorporate the challenge solution, coding, and feature enhancement
<b>Testing &amp; Optimization</b>	60 mins	Troubleshooting, refinement, and performance testing
<b>Final Preparation</b>	30 mins	Model finishing, documentation, and presentation readiness





### Mentor Support Guidelines:

To encourage independent problem-solving while allowing guided support, each team will be provided with 30 minutes of mentor interaction time during the build challenge.

Teams may choose to use this support:

- In one continuous 30-minute session, or
- Split into two separate 15-minute sessions based on their strategy and requirements.

Note: Mentor assistance will be provided exclusively by the accompanying teacher from the participating school. No technical or project-related guidance will be offered by the host institution during the competition.

**🔧 Important Note – Future Innovation Build Challenge:** During the Future Innovation Build Challenge, all teams are required to develop their projects entirely on-site within the event duration. Participants must design, assemble, and execute their working models from the ground up to ensure a truly hands-on innovation experience.

Pre-assembled models, partially completed systems, or ready-made project sections will not be permitted. The objective is to promote originality, teamwork, and real-time engineering skills under a supervised build environment.

Teams are responsible for bringing all required materials and equipment needed for project development, including components such as sensors, wires, microcontrollers, tools, laptops, batteries, power banks, and other essential resources.

Throughout the challenge, participants will move from idea generation to execution, transforming concepts into practical solutions while integrating the surprise problem statement into their futuristic project.

All teams must present a fully functional working prototype created during the event itself.

**💡 Preparation Tip:** Carry backup components and spare parts whenever possible, as even a small missing item can impact the smooth execution of your project. Since teams will also receive a surprise challenge during the event, participants are encouraged to bring additional components and versatile materials that may help them adapt and integrate unexpected requirements into their solution.

### 📅 DAY 2 – Innovation Showcase & Expert Review

**Date:** July 22, 2026

**Setup Time:** 40 minutes for project installation, final adjustments, and presentation preparation prior to evaluation.

On Day 2, teams will present their completed futuristic projects to an expert jury panel. Participants will demonstrate how they developed their concept, integrated the surprise challenge, and transformed their ideas into a functional innovation.

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### Evaluation Criteria



Parameter	Weightage
<b>Innovation &amp; Futuristic Thinking</b>	25%
<b>Technical Execution &amp; Functionality</b>	20%
<b>Category Relevance &amp; Theme Alignment</b>	15%
<b>Problem-Solving &amp; Surprise Challenge Integration</b>	15%
<b>Real-World Impact &amp; Future Applicability</b>	10%
<b>Presentation &amp; Communication Skills</b>	10%
<b>Team Collaboration &amp; Execution Strategy</b>	5%


### Jury Evaluation

Projects will be reviewed by an External Expert Jury Panel comprising professionals from diverse fields such as technology, engineering, sustainability, innovation, research, education, and emerging sciences.



The evaluation will focus not only on the final prototype but also on the team's creativity, adaptability, execution process, and ability to respond to the surprise challenge effectively.

### AWARDS & RECOGNITION

TECHNOVA 3.0 celebrates innovation, creativity, and teamwork by recognizing outstanding performances across multiple levels of participation.

- 
**Category Excellence Awards**  
 Presented to the top-performing project in each competition category for exceptional innovation and execution.
- 
**Outstanding School Performance Award**  
 Awarded to schools achieving the highest combined score based on the performance of both participating teams.

### Prize Distribution:

- **1st Position:** ₹5000
  - **2nd Position:** ₹2500
  - **3rd Position:** ₹1500
- 
**Audience Choice Recognition**  
 Selected through voting by students of Saint Soldiers School, recognizing the most engaging and impactful project presentation.  
*(Host school teams will not be eligible for this category.)*
- 
**Participation Certificates**  
 Certificates will be awarded to all student participants.



## GENERAL GUIDELINES

- **✔ Authenticity & Originality**  
All project ideas and executions must be original and developed by the participating team. Any form of copied content, plagiarism, or previously replicated projects may result in disqualification.
- **⚠ Personal Responsibility**  
Participants are responsible for the safety and management of their own belongings, devices, tools, and equipment throughout the event.
- **📦 Event Facilities**  
Basic arrangements such as tables, seating, and electricity access will be provided to support project setup and presentation.
- **📑 Technical Preparedness**  
Teams should carry all required accessories and technical essentials, including chargers, extension cords, internet devices, adapters, and other project-specific equipment.
- **🤝 Professional Conduct**  
All participants are expected to maintain respectful behaviour, follow event schedules, and demonstrate teamwork, discipline, and professionalism during the competition.

## WHY JOIN TECHNOVA 3.0?

TECHNOVA 3.0 is more than a competition — it is an opportunity to explore, innovate, and transform ideas into impactful solutions.

- **Experience Innovation in Action**  
Step beyond textbooks and engage in hands-on problem-solving through real-world STEM challenges.
- **Collaborate with Young Innovators**  
Interact and compete with talented students from diverse schools, fostering teamwork and fresh perspectives.
- **Showcase Ideas to Expert Minds**  
Present your innovation before industry professionals and receive valuable feedback from experienced jury members.
- **Challenge Your Creativity & Thinking**  
Strengthen analytical skills, futuristic thinking, communication, and technical execution under a live challenge environment.
- **Earn Recognition & Celebrate Achievement**  
Gain certificates, awards, and recognition while representing your school on a prestigious innovation platform.
- **Build Confidence for the Future**  
Develop leadership, presentation, and problem-solving abilities that prepare you for future academic and career opportunities.



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## CONTACT US

For queries, assistance, or clarifications, please feel free to connect:

- **Mr. Jatinder:** 9915391153 (*After 2 PM*)
- **Mr. Varun Sanduja:** 7009594410 (*Event Coordinator*)

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 REGISTER NOW

 [www.technovafest.com/registration](http://www.technovafest.com/registration)

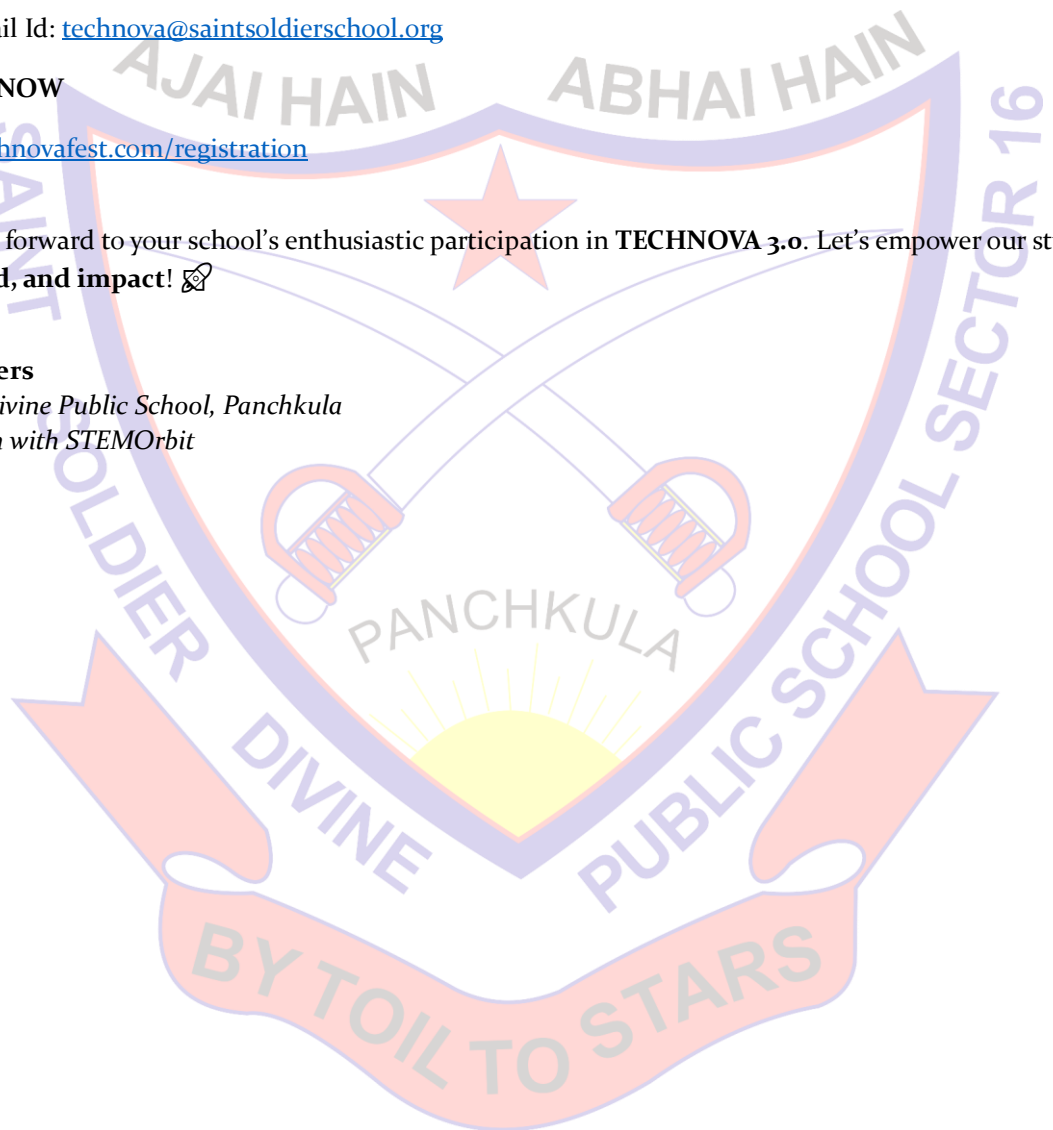
We eagerly look forward to your school's enthusiastic participation in **TECHNOVA 3.0**. Let's empower our students to **innovate, build, and impact!** 

Warm Regards,

**Event Organizers**

*Saint Soldiers Divine Public School, Panchkula*

*In Collaboration with STEMOrbit*



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