

# SSTH 2K22

SAHYADRI SCIENCE TALENT HUNT

# Innovations Change the Future

10,000 Students  
200+ Projects  
100+ Institutions  
100 Projects to be funded

**9TH EDITION**  
(September - November)



[www.ssth.in](http://www.ssth.in)



**SAHYADRI**  
COLLEGE OF ENGINEERING & MANAGEMENT  
MANGALURU  
An Autonomous Institution

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# About Us

Sahyadri Science Talent Hunt 2022, 9th edition is an innovation event for young and creative minds that focuses on indulging the young minds from schools and colleges in solving the problems of the community. Sahyadri College of Engineering and Management has been taking the initiative of organizing this event of such high magnitude, to motivate Pre-University and High School students to come up with ideas and bring them to life through prototypes.

## Objectives

- Sensitizing school and college students to regional problems and challenges.
- Co-create solutions for the community along with local industries, mentors and UG students.
- Nurture entrepreneurial mindset in students through well-defined courses and programs.
- Facilitate building prototypes using facilities in the region.

## Benefits for institutions

- A bigger platform for students with an entrepreneurial mindset to pitch their ideas and bring their solutions to life.
- Access to industry mentors, successful entrepreneurs, and best of the incubators and accelerators across the country to boost innovation and the existing entrepreneurial ecosystem of the institution.
- Fund allocation for the individual shortlisted teams.

## Program Structure

### Stage 1: Ideation Sessions

Where we will address the students across 100+ Schools/Colleges in Karnataka and create awareness in them about what problem-solving looks like, and how they can find the problem so it will lead them to build really good projects.

### Stage 2: Talent Selection Bootcamp

Students are introduced to building prototypes using existing tools. Also familiarizes the process of giving feasible solutions for the problem through critical thinking and research.

### Stage 3: Be With Engineering (BWE)

The top 100 teams are eligible to participate in the 2-day 'Be With Engineering' program that encourages students to go through the complete 'idea-to-product' cycle. In this program, the students will be mentored by industry professionals and aspirant Engineers in developing interesting solutions to community challenges by using the resources available on the Sahyadri campus.

### Stage 4: Grand Finale

This event will be exhibiting ideas through models or prototypes and will even demonstrate working projects in any field of science and technology. The ideas will be evaluated by the judges. The prize will be distributed based on the results. Further, the winners will be given an opportunity to pitch their projects to investors for further development.

## Different Categories on Regional Division:

**Category-1: Region 1** - Mangalore Taluk PU colleges

**Category-2: Region 2** - PU colleges of all other Taluks of DK.

**Category-3: Region 3** - All PU Colleges outside DK district

**Category-4: Region 4** - All High Schools



## To recognize and encourage the students, the following initiatives are planned:

### 1. SSTH Project Funding

Top 100 projects to be funded upto - Rs 2,000/-			
Sl.No.	Item	I Phase(Pre-Event)	II Phase(Post-Event)
1.	Project/Working Model	50%	50%

### 2. Be With Engineering Program

The main objective of “Be with Engineering” is to create a platform to bring together students passionate about science and technology. It gives school and college students an overall view of what engineering truly is. In a span of 2 days, the participants will be familiar with the environment at Sahyadri. They will be given the opportunity to interact and work at the labs, Launchpads, and incubation centers, and also explore all the resources that are offered at Sahyadri. By the end of this two-day stay on the Campus, students should be able to present a different perspective of engineering altogether and build their projects under the guidance of students at Sahyadri.

### 3. Grand Finale

For PU Students

Item	I Prize	II Prize	III Prize
Project/Working Model	₹ 12,000	₹ 9,000	₹ 6,000
Still Model	₹ 8,000	₹ 6,000	₹ 4,000

Five Consolation Prizes of Rs.2,000 each.

Separate prizes will be awarded for winners in each region

For Schools

Item	I Prize	II Prize	III Prize
Project/Working Model	₹ 7,000	₹ 5,000	₹ 3,000
Still Model	₹ 5,000	₹ 3,000	₹ 2,000

Five Consolation Prizes of Rs.2,000 each for Project/Working Model

**Project/Working Model Exhibition:** This event is for exhibiting and demonstrating working projects in any field of Science and Technology. The evaluation will be based on innovativeness, feasibility and cost-effectiveness, presentation skills, and project applications.

**Still Model Exhibition:** This event is for demonstrating project ideas through models or prototypes. The models may be physical. The prototypes may be prepared using paper/ plastic/ thermocol/ glass, etc. for demonstration. The evaluation will be based on innovativeness, feasibility, eco-friendliness, presentation skills, and project applications.

Projects can be based on, but not limited to, the sectors listed below.

- Agriculture ■ Education ■ Fisheries ■ Waste Management ■ Health ■ Renewable/Sustainable Energy.

For a detailed problem statement visit [www.ssth.in](http://www.ssth.in)

## SSTH 2022 - Calendar of Events

Sl.No.	Schedule	Event
1.	11th October, 2022	Ideation & Awareness Program
2.	16th October, 2022	Registration Starts
3.	4th & 5th November, 2022	Talent Boot Camp
4.	10th November, 2022	Registration Ends for Funding
5.	24th & 25th November, 2022	Be with Engineering
6.	26th November, 2022	Grand Finale

**Spot Registration is available.**

## Rules and Regulations

**All the participants must register at [www.ssth.events](http://www.ssth.events) by submitting their ideas.**

- COVID protocols must be strictly followed during the course of the event
- The Maximum number of participants in a Team is 4 and Participants can not form a team with other school/college students.
- Highschool students can not form a team with PU college students.
- To be applicable for the top 100 Project Funding, the team registration must be done on or before 24 October 2022
- You can still register your team till 12th November 2022 and be eligible for winning the prizes in the finale
- The teams eligible for funding shall produce necessary bills, justifying the expenditures before receiving the next phase of the funding.
- All the prize money will be distributed in the SSTH 2022 - Grand Finale at Sahyadri Campus.
- In all circumstances, the organizing committee's and judge's decision will be final and has to be respected.
- No team shall be tolerated for misbehaving or any act of indiscipline during the event. The teams shall be immediately disqualified/ penalized/ take disciplinary actions if found harming the college property/other individual's property/an individual physically or mentally/other participant's projects, etc.
- The college shall not bear any responsibility for the loss of individuals' property or equipment or belongings or any harm caused to individuals.
- The rules can be amended or subjected to change during the course of the event. In such cases, the participants will be notified.
- IP will be mutually shared between the inventor and partnering organization.

