



Robotics In Academics

Soham Academy of Human Excellence

Promoting Innovation in Schools



Telangana's Largest Robotics Education Program in Government Schools

September 2025 Edition



1.0 About Robotics in Academics

Robotics in Academics is a unique hands-on robotics training program initiated by Soham Academy of Human Excellence. It aims to bring the latest and greatest technologies to the door step of needy schools. It promotes innovation and develops a sustained scientific temperament among students.

2.0 Typical Program at a School

To bring the knowledge of robotics to the students of schools, we have designed a simple training program. This program will be run by our well-trained engineers and interns. The following are the sequence of steps followed at a selected school.



3.0 Innovation Challenges

After the workshop, the school will be provided an opportunity to participate in a sequential set of seven robotics challenges. Below picture shows how a school climbs up the innovation challenge ladder.

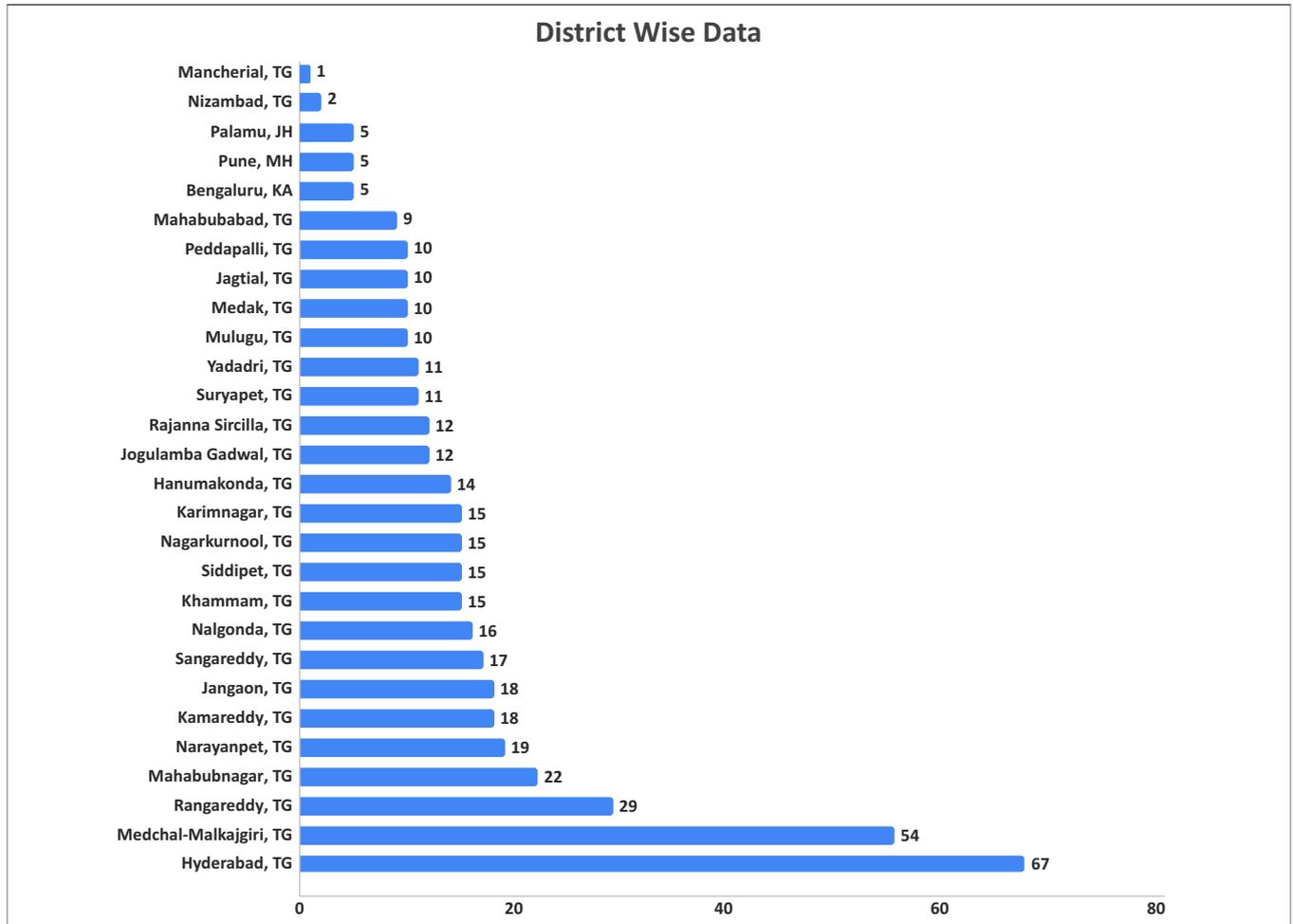
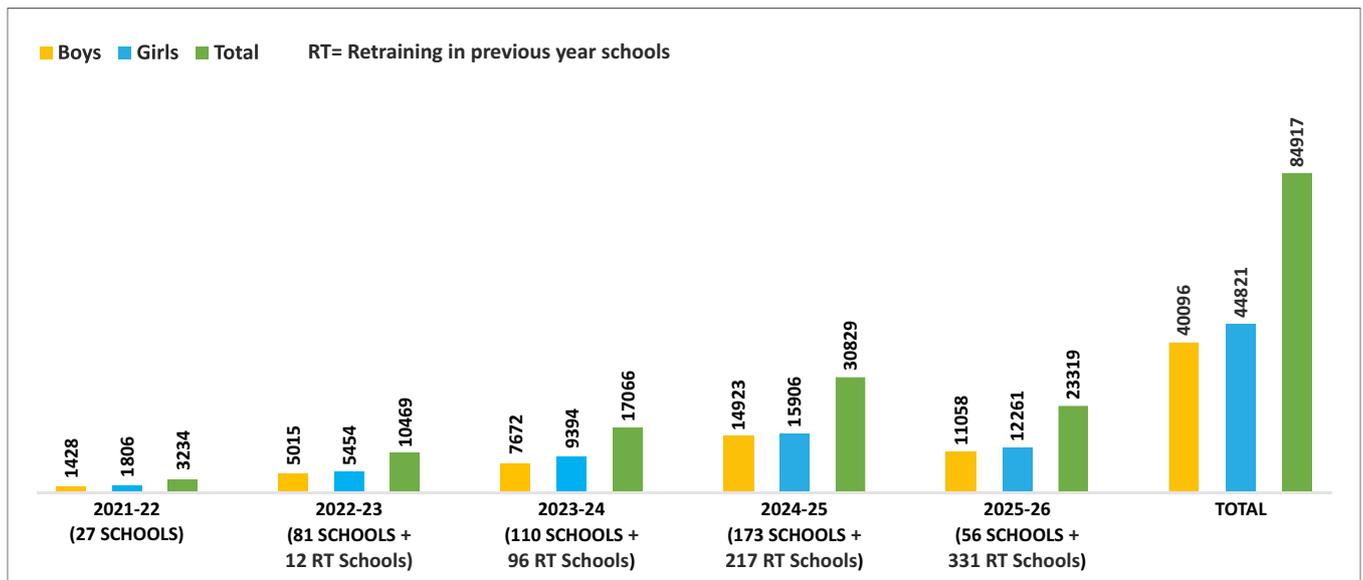


4.0 Our work so far

4.1 Robotics Workshops in Schools

We are working with 447 institutions and have trained 84,917 students. This includes the new set of students we train each year in each of the schools that we support. You can access the current statistics from our portal at ria.sohamacademy.org.

In addition to expanding to new districts and states soon, we are also taking up several new schools in Wanaparthy, Vikarabad and Delhi regions. Finally, this is how we are spreading our Robotics in Academics work in Telangana, Maharashtra, Jharkhand and Karnataka. The following data reflects our progress to date.

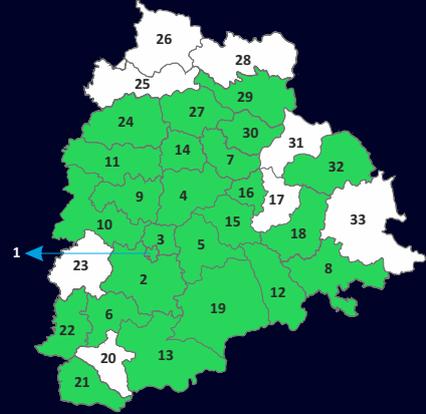


Finally, this is how we are spreading our *Robotics in Academics* work across India.

Telangana

Future Districts

- | | | |
|---------------------|---------------------|----------------------------|
| 1 Hyderabad | 14 Rajanna Sircilla | 17 Warangal |
| 2 Rangareddy | 15 Jangaon | 20 Wanaparthy |
| 3 Medchal-Malkajiri | 16 Hanumakonda | 23 Vikarabad |
| 4 Siddipet | 18 Mahabubabad | 25 Nirmal |
| 5 Yadadri | 19 Nalgonda | 26 Adilabad |
| 6 Mahabubnagar | 21 Jogulamba Gadwal | 28 Kumuram Bheem |
| 7 Karimnagar | 22 Narayanpet | 31 Jayashankar Bhupalpally |
| 8 Khammam | 24 Nizamabad | 33 Bhadradri Kothagudem |
| 9 Medak | 27 Jagtial | |
| 10 Sangareddy | 29 Mancherial | |
| 11 Kamareddy | 30 Peddapalli | |
| 12 Suryapet | 32 Mulugu | |
| 13 Nagarkurnool | | |



Maharashtra

Pune



Jharkhand

Palamu



Karnataka

Bengaluru



Hyderabad



67

Schools
Benefited



14836

Students
Impacted



5

Colleges
Trained



144

Students
Trained



1407

Innovations
Created



Medchal-Malkajgiri



54

Schools
Benefited



12055

Students
Impacted



7

Colleges
Trained



466

Students
Trained



975

Innovations
Created



Rangareddy



29

Schools
Benefited



5597

Students
Impacted



397

Innovations
Created



Mahabubnagar



22

Schools
Benefited



4609

Students
Impacted



3

Colleges
Trained



215

Students
Trained



651

Innovations
Created



Narayanpet



19
Schools
Benefited



3318
Students
Impacted



1
College
Trained



133
Students
Trained



51
Innovations
Created



Kamareddy



18
Schools
Benefited



3527
Students
Impacted



4
Colleges
Trained



191
Students
Trained



249
Innovations
Created



Jangaon



18
Schools
Benefited



2814
Students
Impacted



1
College
Trained



80
Students
Trained



153
Innovations
Created



Sangareddy



17
Schools
Benefited



3239
Students
Impacted



226
Innovations
Created



Nalgonda



16
Schools
Benefited



2794
Students
Impacted



1
College
Trained



220
Students
Trained



286
Innovations
Created



Khammam



15
Schools
Benefited



2505
Students
Impacted



3
Colleges
Trained



335
Students
Trained



223
Innovations
Created



Siddipet



15

Schools
Benefited



3686

Students
Impacted



1

College
Trained



71

Students
Trained



296

Innovations
Created



Nagarkurnool



15

Schools
Benefited



2599

Students
Impacted



1

College
Trained



52

Students
Trained



143

Innovations
Created



Karimnagar



15

Schools
Benefited



2952

Students
Impacted



2

Colleges
Trained



139

Students
Trained



245

Innovations
Created



Hanumakonda



14
Schools
Benefited



2155
Students
Impacted



1
College
Trained



57
Students
Trained



123
Innovations
Created



Jogulamba Gadwal



12
Schools
Benefited



1670
Students
Impacted



2
Colleges
Trained



214
Students
Trained



81
Innovations
Created



Rajanna Sircilla



12
Schools
Benefited



2103
Students
Impacted



1
College
Trained



70
Students
Trained



60
Innovations
Created



Suryapet



11

Schools
Benefited



2258

Students
Impacted



1

College
Trained



209

Students
Trained



178

Innovations
Created



Yadadri Bhuvanagiri



11

Schools
Benefited



2936

Students
Impacted



2

Colleges
Trained



26

Students
Trained



235

Innovations
Created



Mulugu



10

Schools
Benefited



1589

Students
Impacted



2

Colleges
Trained



60

Students
Trained



60

Innovations
Created



Medak



10
Schools
Benefited



1533
Students
Impacted



26
Innovations
Created



Peddapalli



10
Schools
Benefited



1369
Students
Impacted



3
Colleges
Trained



99
Students
Trained



Jagtial



10
Schools
Benefited



1307
Students
Impacted



1
Colleges
Trained



74
Students
Trained



Mahabubabad



9

Schools
Benefited



1208

Students
Impacted



1

College
Trained



36

Students
Trained



Palamu, Jharkhand



5

Schools
Benefited



597

Students
Impacted



1

College
Trained



154

Students
Trained



Pune, MH



5

Schools
Benefited



552

Students
Impacted



1

Colleges
Trained



74

Students
Trained



40

Innovations
Created



Bengaluru, KA



5

Schools
Benefited



518

Students
Impacted



1

Colleges
Trained



78

Students
Trained



32

Innovations
Created



Nizambad



2

Schools
Benefited



262

Students
Impacted



1

College
Trained



104

Students
Trained



Mancherial



1

Schools
Benefited



119

Students
Impacted



1

Colleges
Trained



142

Students
Trained



4.2 Innovation Melas

To promote innovation, we started organizing *Innovation Melas* in schools in 2023-24.

The *Innovation Melas* help children in completing their innovation challenges. Our innovation coaches visit the schools and work with the robotics club members. The children complete their robotics models that attempt to solve real-life problems through the application of concepts available in the innovation challenges.

The following is the data about Innovation Melas till date of publication.

No	Description	2023-25	2025-26	Totals
1	Schools	954	317	1271
2	Coaches	1082	325	1407
3	Students	12994	3741	16735
4	Projects	3347	870	4217

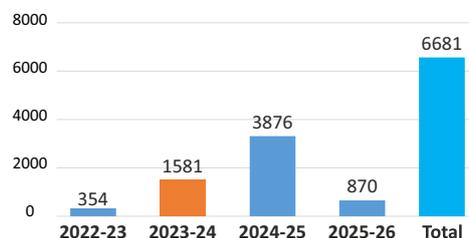


4.3 Innovation Challenges

All our supported schools participate in a sequential set of seven robotics challenges. The following is the data about Innovation Challenges as of the publication date.

No	Challenge	2022-23	2023-24	2024-25	2025-26
1	Bronze	71	183	353	206
2	Silver	19	156	319	71
3	Gold	8	91	246	13
4	Platinum	1	30	159	-
5	Diamond	-	16	100	-
6	Masters	-	14	86	-
7	Grand Masters	-	11	67	-

Challenge Videos Received from Schools



5.0 Volunteering Opportunities

The *Innovation Assessment Service (IAS)* was launched to deepen volunteer engagement in promoting grassroots innovation across schools.

Through IAS, volunteers assess and award points to student-developed robotics models, design quiz programs using the Innovation Edge book, create engaging robotics activities and educational videos, mentor school robotics clubs, and serve as innovation coaches during Innovation Melas. They also play a vital role in organizing and supporting Innovation Sabhas, fostering a culture of creativity and collaboration.

Since its inception, IAS has grown into a dynamic platform for volunteer-led impact. This year, the initiative has scaled significantly, with thousands of student innovation videos reviewed across multiple regions. The surge in participation reflects the dedication of our volunteer community and the expanding reach of our Robotics in Academics program—bringing hands-on innovation to classrooms in Telangana, Maharashtra, Jharkhand, Karnataka, and beyond.



6.0 Our Team

Our core team of coordinators, trainers, and innovation coaches work together to implement and execute robotics workshops at various schools. We follow up with the schools to create and nurture robotics clubs. Our trainers run the workshops and prepare the students for a long-term association with our Robotics in Academics program. We have a pool of 3,945+ trainers in various colleges across Telangana.

Our innovation coaches visit schools to assist children in participating in the robotics challenges that we release every now and then. We have 120+ innovation coaches across all our supported districts. The following lists our core team members and some of our prominent innovation coaches for the 2025-26 academic year.



Komaragiri Sahadev
Program Director



Maddala Ganitha
Program Coordinator



Boravelli Jeshwanth
Program Coordinator



K. Pavani
Robotics Engineer



M. Praharsha
Robotics Engineer



J. Santhosh
Robotics Engineer



P. Pavan Kumar
Robotics Engineer

Our Top Trainers



M. Srikanth



D. Ajay



A. Arvind



R. Jaswanth



A. Akanksha



Kanna Pavani



K. Tejaswini



D. Yamini

7.0 Our CSR Partners

We extend enduring gratitude to all our Corporate Social Responsibility (CSR) partners for their invaluable support for our *Robotics in Academics* program.



8.0 Our Collaboration Partners



9.0 Our Education Partners





10. Testimonials

Robotics is a vast subject, and what our students have learned here is just like learning the ABCs of it. After completing their secondary or intermediate studies, when they move on to engineering, they will encounter the same components again.

The small board they worked with is called a microcontroller, which functions like a microprocessor. Along with it, they also explored diodes, resistors, and other electronic parts. By practicing with these at an early stage, students become familiar with technology, gain confidence, and find it easier to understand advanced concepts in the future.

This program by Soham Academy is truly impactful, and I sincerely thank Sahadev Sir for providing such a wonderful opportunity to our students and school.

K. Shravan Kumar
Robotics Inc, ZPHS Danthalapally

I had the opportunity to participate in the Robotics program. Robotics is truly special as it applies Artificial Intelligence to real-life situations. This is not like a regular subject—it is something new and exciting.

I successfully completed my first class and took part in 21 challenges, which helped me learn and explore a lot. This experience has been both memorable and inspiring. I sincerely thank Soham Academy for giving me this wonderful opportunity.

Rakesh,
8th Class
TGSWRS (B), JP Nagar, Nagarkurnool



00 Aug 2025 4:16:49 AM
Secilingampalle (T)



Aug 2025 10:33:28 AM
KOR
Telangana



29 Jul



25 Sep 2024 at 4:20:51 AM
Kalyanpurthy 509



Aug 2025 10:33:28 AM
KOR
Telangana



About Soham Academy of Human Excellence

It is our mission to complement the efforts of the schools in doing what they are unable to do and in teaching what they are not equipped to teach.

Over the past 9 years, we have been working with several government, aided, budget, and private schools in both the states of Telangana and Andhra Pradesh. Thousands of children got benefited from our academy's activities in English Proficiency, Learning to Learn, Robotics in Academics, Yoga, Athletics & Sports, Soham Fine Arts, and Soham Leadership programs.

Our Key Focus Areas

Robotics in Academics

We are Telangana's Largest Robotics Education Program in Government schools and colleges. Our unique hands-on robotics training program aims to bring the latest and greatest technologies to children's doorstep, preparing them for a technologically advanced world that they will inherit. Children will complete 21 activities that make use of various types of sensors, motors, displays and other accessories. Once the training is completed, we organize Robotics Clubs in each of the schools and nurture them with new innovative programs. For more information, please visit ria.sohamacademy.org.



Yoga & Athletics

Our key objective is to keep our students fit and healthy. We achieve this by teaching Yoga and training them in athletics. We have successfully engaged children in adopting Yoga as an important part of their routine. Their continuous participation in programs at their schools and popular public venues has made this possible. In addition to Yoga, we strongly encourage all our kids to participate in 5K and 10K races and excel in at least one team sport and one individual sport. For more information, please visit yoga.sohamacademy.org.



Soham Leadership

We offer a one-year program that aims to impart the skills and abilities of a leader through defined individual and team goals. Our motto behind the program is to prepare the students to play a key role in their own communities as well as in society at large. As part of the program, our leaders actively conduct interactions with various industry specialists, participate in leadership summits, engage in outdoor activities, take part in fitness challenges, and participate in book reading activities, national day celebrations, and many more. For more information, please visit sohamleaders.org.



Soham Fine Arts

We strive to create a large number of individuals who succeed in their honest pursuits of human excellence. Our children learn to dance and sing songs that have been passed down from generation to generation. We teach them folk dances, semi-classical songs, ancient Samskrit slokas, stotras and Vedic hymns. Whenever and wherever an opportunity arises, we provide them a platform to showcase their talents and knowledge.



sohamacademy.org

Soham Academy of Human Excellence

H.No. 2-2-186/18/6, Ramakrishna Nagar, Bagh Amberpet, Hyderabad, Telangana - 500013.

Contact

Komaragiri Sahadev - +91 97009 02203 | E-mail - admin@sohamacademy.org



Trust

TG/73/IV/2017



12A

AATTS1503M23HY01



80G

AATTS1503M23HY02



FCRA

368140144

Follow us on Digital Platforms to know more about our activities

Robotics in Academics



Scan here to visit our Website



Scan here to join our WhatsApp Channel



Scan here to visit our YouTube Channel



Scan here to visit our Instagram Page



Scan here to visit our Facebook Page



Scan here to visit our LinkedIn Page