



# Robotics In Academics

Soham Academy of Human Excellence

## Promoting Innovation in Schools



## Telangana's Largest Robotics Education Program in Government Schools

August 2025 Edition



**TGSWRS/JC (G) ZAHEERABAD-RANJOLE**  
సావిత్రిబాయి పూల్ సభ పాఠశాల



### 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.

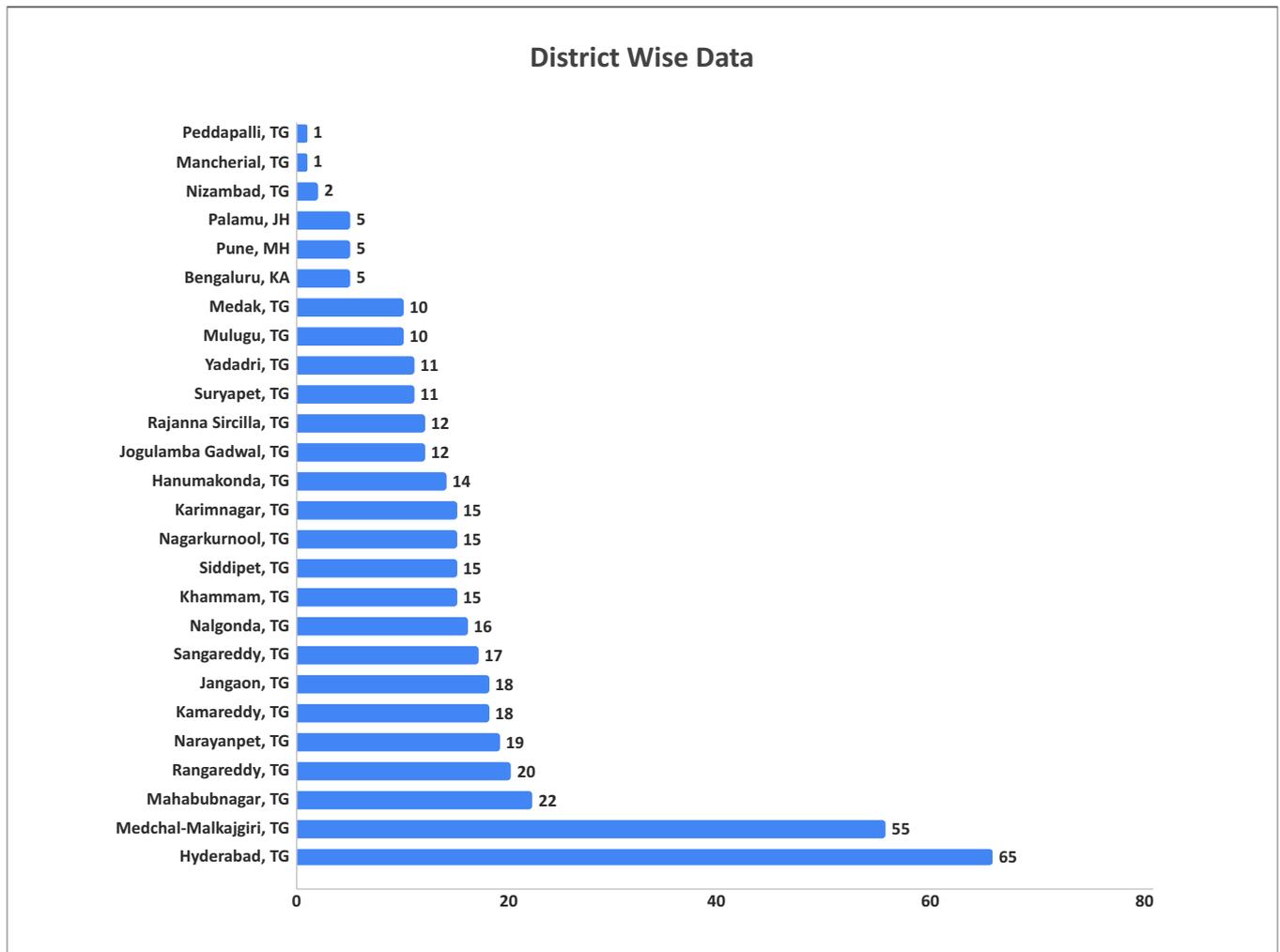
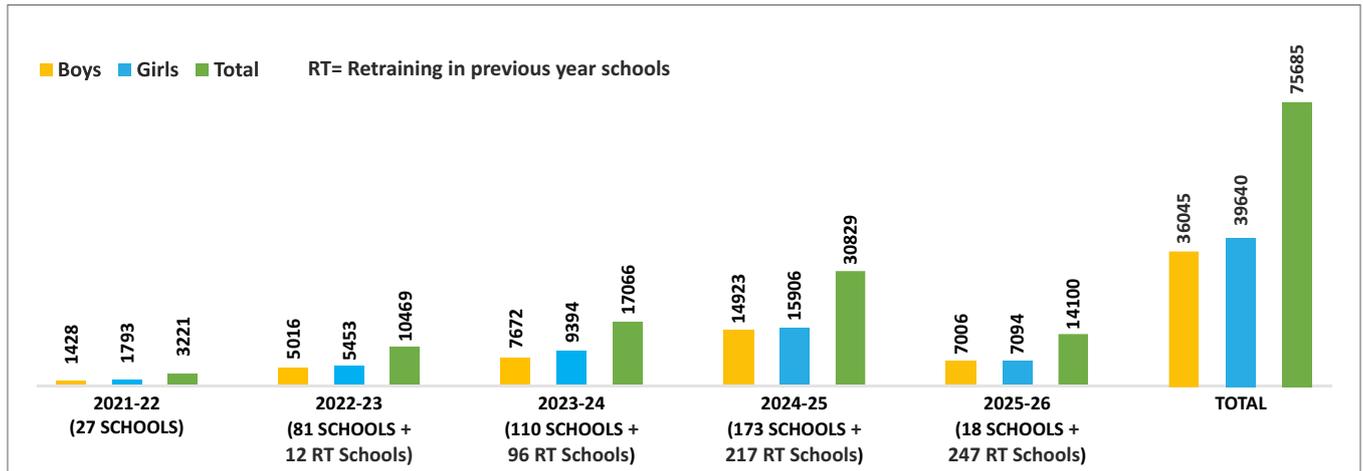


## 4.0 Our work so far

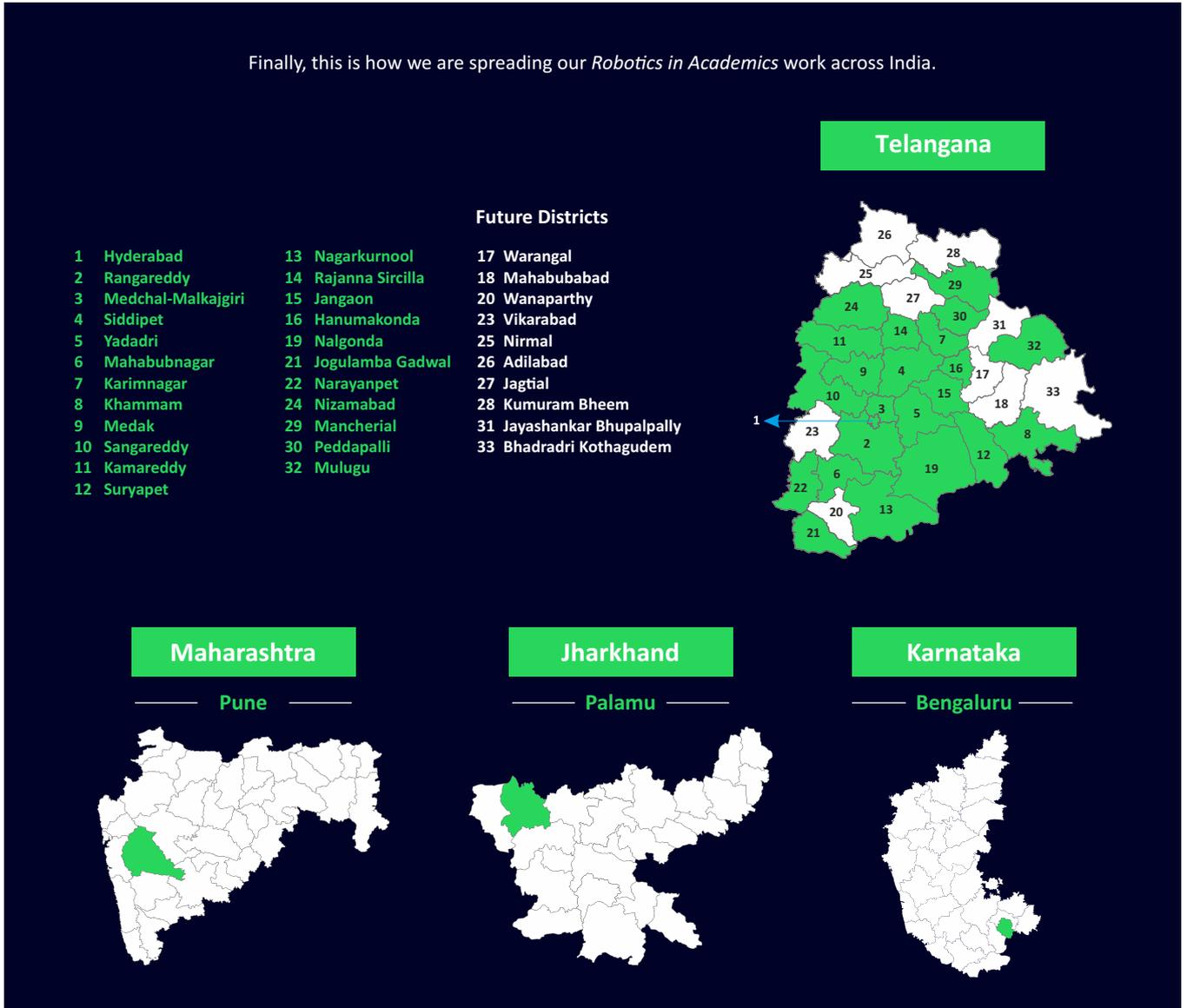
### 4.1 Robotics Workshops in Schools

As of August 01, 2025, we are working with 409 institutions and have trained 75,685 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](http://ria.sohamacademy.org).

In addition to expanding to new districts and states soon, we are also taking up several new schools in Jagital, Peddapalli, Mahabubabad and Delhi regions. Finally, this is how we are spreading our Robotics in Academics work in Telangana, Maharashtra, Jharkhand and Karnataka. The following is the data as of August 01, 2025.



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



#### 4.2 Robotics Events & Exhibitions

We organize several robotics events and exhibitions that offer a platform for school innovators to showcase their inventions. Also, our corporate sponsors and local institutions encourage our students to visit their offices and exhibit their projects.

Out of all, our Annual Robotics Exhibition truly stands out as the highlight of the year, featuring the latest and most exciting innovations from schools.

No	Date	Description	Projects	Students
1	27-Mar-2022	1 <sup>st</sup> Annual Robotics Exhibition at Sri Sathya Sai Vidya Vihar, Hyderabad	28	98
2	06-Nov-2022	Exhibition at IETE, Osmania University, Hyderabad	5	15
3	08-Nov-2022	Exhibition at Synchrony, Hyderabad	2	4
4	09-Feb-2023	Exhibition at Synchrony, Hyderabad	5	10
5	22-Feb-2023	Global Volunteer Week at NTT DATA, Hyderabad	5	10
6	28-Feb-2023	2 <sup>nd</sup> Annual Robotics Exhibition at Synchrony, Hyderabad	81	158
7	23-Dec-2023	Exhibition at District Science Forum, Mahabubnagar	21	45
8	29-Jan-2024	FIRST Tech Challenge, Goa Int'l Robotics Festival	1	6
9	30-Jan-2024	Hackathon at Synchrony, Hyderabad	10	30
10	19-Feb-2024	Global Volunteer Week at NTT DATA, Hyderabad	8	16

No	Date	Description	Projects	Students
11	29-Feb-2024	3 <sup>rd</sup> Annual Robotics Exhibition, Uppal, Hyderabad	164	325
12	18-Mar-2024	Exhibition at Government Degree College (A), Siddipet	30	62
13	29-Aug-2024	Mini Hackathon at AMD, Hyderabad	15	45
14	13-Sep-2024	Exhibition at GHS, Shaikpet (AMD Leadership Visit)	5	15
15	29-Nov-2024	Mini Hackathon at AMD, Hyderabad	20	40
16	29-Nov-2024	Robotics Innovation Workshop at ZPHS, Hayathnagar	6	22
17	04-Jan-2025	District Level Exhibition at District Science Forum, Mahabubnagar	21	42
18	05-Feb-2025	Global Volunteer Week at NTT DATA, Hyderabad	12	24
19	28-Feb-2025	FIRST Tech Challenge, Pune Int'l Robotics Festival	1	8
20	01-Mar-2025	4 <sup>th</sup> Annual Robotics Exhibition, Uppal, Hyderabad	241	438
21	25-Jun-2025	Synchrony Leadership Visit at ZPGHS Patancheru	3	6
		<b>Grand Total</b>	<b>684</b>	<b>1419</b>



### 4.3 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 as of August 1, 2025.

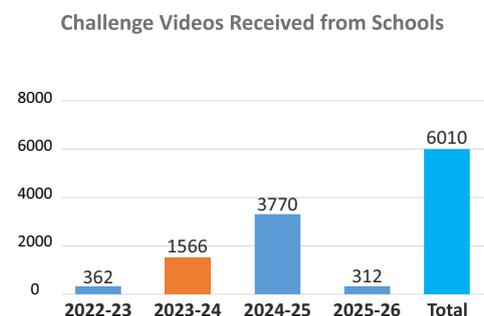
No	Description	2023-25	2025-26	Totals
1	Schools	954	109	1063
2	Coaches	1082	119	1201
3	Students	12994	1399	14393
4	Projects	3347	311	3658



### 4.4 Innovation Challenges

All our supported schools participate in a sequential set of seven robotics challenges. The following is the data as of August 1, 2025.

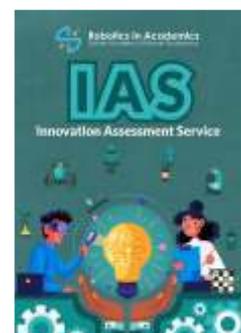
No	Challenge	2022-23	2023-24	2024-25	2025-26
1	Bronze	71	183	353	93
2	Silver	19	156	319	11
3	Gold	8	91	246	-
4	Platinum	1	30	159	-
5	Diamond	-	16	100	-
6	Masters	-	14	86	-
7	Grand Masters	-	11	67	-



### 5.0 Volunteering Opportunities

We announced the ***Innovation Assessment Service (IAS)*** this year. This service is especially useful for volunteers who would like to give their time to promote innovation in schools. Through IAS, the volunteers will be able to:

- Assess and award points to the robotics models developed by the students.
- Help in creating quiz programs using the Innovation Edge book, designing new robotics activities and helpful videos for school children, and mentoring robotics clubs in schools.
- Take up the role of an innovation coach and mentor students in building better robotics models in Innovation Melas.
- Support our Innovation Sabhas.



## 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 3,610+ 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**



**M. Praharsa**



**J. Santhosh**



**P. Pavan Kumar**

### Our Top Trainers



**T. Srikanth**



**D. Ajay**



**A. Arvind**



**R. Jaswanth**



**M. Srikanth**



**A. Akanksha**



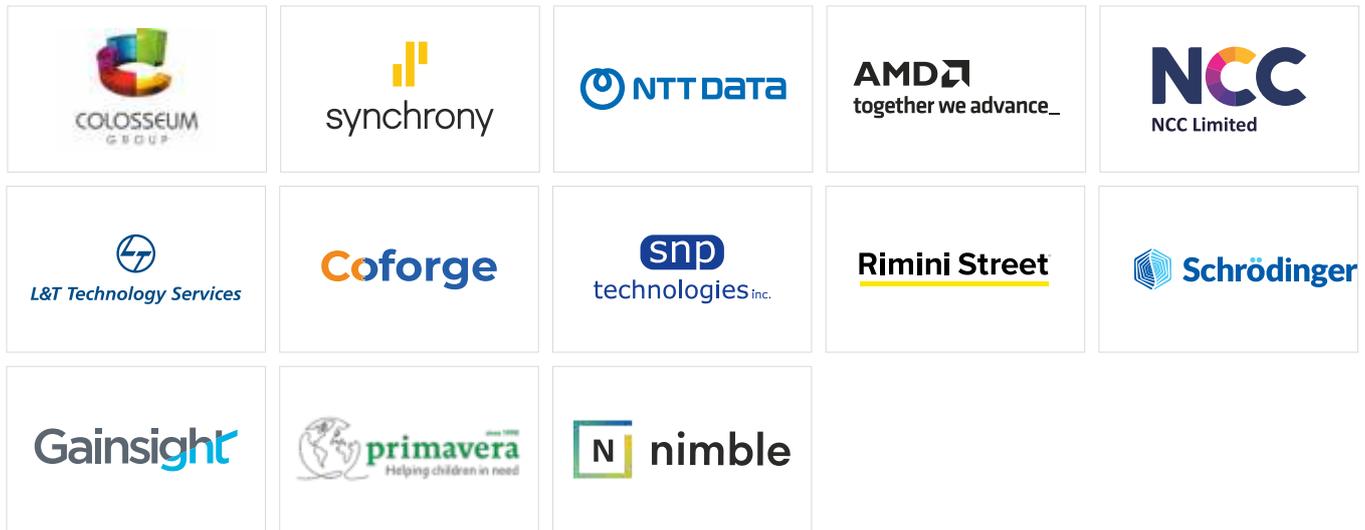
**Kanna Pavani**



**K. Tejaswini**

## 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

I am Tejaswini, i am working in soham from 2 months as innovation coach in Robotics in Academics before that I have been part of soham since from 2023 by learning soham culture and music and also by learning many things to gain my knowledge and skills, feeling so grateful to be a part in soham. Soham gives me a positive vibe in every situation and all my colleagues are so supportive, care takers and always be back of me in any situation to guide me and make me strong, learning different types of works and experiencing my own hardwork. A person with zero knowledge can improve themselves so much from soham, not only in education wise also in all over the lifestyle. Maintaining a dignified and professional career.

I have learned a lot about Robotics and it's importance in future too.Improved my innovative ideas, troubleshooting, being strong at hardest situations and being positively.Being professional and respectful towards everyone.I am really so happy and super excited to continue this learning process in soham.Thank you.

**Tejaswini**  
Trainer

We would like to extend our heartfelt thanks to the students of Soham Academy who participated in the training session—from the morning assembly right through to the evening bell. The dedication and energy they brought were truly commendable. The trainers introduced highly creative and engaging concepts, and it was inspiring to see the enthusiasm with which the students immersed themselves in the hands-on activities. Despite the usual classroom hustle and bustle, the trainers remained focused, committed, and incredibly patient throughout the day.

Our school management deeply appreciates the efforts of the Soham team. Though we may be older, we genuinely admire the passion and dedication you've shown in training government school students. Your work is not only meaningful but also deeply impactful. Hats off to Soham Academy – bringing Robotics into Academics with purpose and heart!

**Shoba**  
School Incharge  
ZPHS, Vanasthalipuram, RR District



## 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](http://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](http://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](http://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](http://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](mailto:admin@sohamacademy.org)



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