Robotics In Academics
Soham Academy of Human Excellence

4ᵗʰ ANNUAL
Robotics Exhibition
2024-25
Special Edition

26 Districts

61,585+ Students

391+ Schools

38+ Colleges

3,108+ Trainers

About RiA

Robotics in Academics is a unique hands-on robotics training program initiated by Soham Academy of Human Excellence. It aims to bring cutting-edge technology to the doorstep of underprivileged schools.

This initiative delivers hands-on robotics education to government schools with the support of colleges. Robotics in Academics is Telangana's largest robotics education program in government schools, implemented in 391 schools and has trained 61,585+ students across 26 districts in major cities of India. We have a pool of 3,108+ trainers from various colleges.

The program introduces students to 21+ new concepts related to robotics and STEM education, equipping them with practical skills and inspiring innovation.

Our Mission

Promote innovation and develop a sustained scientific temperament among students.

Our Program Module

Our program follows a collaborative, hands-on learning model, where trained educators guide school students through structured robotics and STEM activities, fostering innovation and problem-solving skills.

1 Students complete 21 activities in a day-long workshop.	**6** Club members join our special virtual sessions with all other schools.
2 Students will be provided with curriculum books.	**7** Clubs are expected to complete 7 levels of challenges during the academic year.
3 All the participants will be given course completion certificates.	**8** Our Innovation coaches will visit the schools to conduct innovation melas for half a day each.
4 Robotics Club is formed in the school.	**9** The school participates in the regional and annual robotics exhibition.
5 The school gets full-fledged robotics innovation kits.	**10** With support from our CSR partners, the program continues year after year.

Founder's Message

2024-25 has been an amazing year for our Robotics in Academics program. To understand why, let's delve into the statistics first. This year, we have added 173 new schools. Compared to this, we were supporting 218 schools until the end of 2023-24. That is a whopping 79% increase in the number of schools we added this year. We are proud to support 391 schools in 26 districts across the states of Telangana, Maharashtra, Jharkhand, and Karnataka. During the current academic year, these schools produced over 3,800+ innovation models. In addition to the new schools, we have also added another 22 colleges to our existing list of 16 colleges, taking the total to 38.

All these stats pale in comparison to the relentless efforts of our dedicated team of coordinators, engineers, trainers, and innovation coaches. Our core team consists of Anusha, Ramya, Spandana, Jeshwanth, Rahul, and Ganitha. This core team can rattle off the names and locations of all the 391 schools, the HMs and robotics in-charges of these schools, and even the captains and vice-captains of their robotics clubs. *Is core team ko nazar na lage!!*

Our core team was always available to our extended family to an extraordinary army of 925+ trainers, 200+ innovation coaches, and 16 coordinators spread across 26 districts of our great nation. Together, they were all ever eager to serve the children from government schools and help them adapt to new technologies. They assisted the children in developing wonderful innovation models that attempt to solve real-life problems. We also formed collaborative partnerships with IEEE and numerous engineering and degree colleges. Our work with schools would not have been possible without their support. This beautiful ecosystem that we have been dreaming about for over four years now is materializing in a way that is more mesmerizing than we could have ever asked for!

The children enthusiastically named their innovation models with jaw-dropping names like Smart Army Camp, Smart Irrigation System, Smart Bank, Smart Cities, Smart Schools, Smart Homes, Smart Hospitals - smart everything and anything you can ever think of! It is obvious that this new generation is interested in *smartifying* everything they look at. Isn't that cool?

173 new schools this year are an unwritten testimonial of the trust reposed in us by our CSR partners. Year after year, they have been helping us organize ourselves better and make our processes more efficient. Like in the last two years, this year too, Synchrony stands out as the lead sponsor for our 4ᵗʰ Annual Robotics Exhibition. We are perpetually grateful to Synchrony, AMD, NTT DATA, NCC Limited, L&T Technology Services, Gainsight, Schrödinger, and Rimini Street for their unconditional support in expanding our program to the remote corners of Telangana, where we are able to serve the most unreached and underserved communities. We are also privileged to work with the District Collectorate of Siddipet in offering our services in Husnabad.

This year, we experienced a profound loss with the untimely passing of Sri Venkat Tankasala of Synchrony. As the first to recognize and extend Synchrony's CSR support for our Robotics in Academics initiative, he played a pivotal role in helping our program achieve pan-India status. The void created by his absence is irreplaceable. Nonetheless, his cheerful encouragement and unwavering support for our projects will continue to inspire and motivate us to achieve greater heights.

This year, we are bringing in 250+ schools to demonstrate their innovative models. Several colleges and research associates will also bring their own models. On this special occasion, our own R&D team has also built some beautiful models. This year, we are deeply humbled and honored to announce that our Robotics in Academics program has become Telangana's largest robotics education initiative. We now aspire to make our program a model robotics education program for other states to emulate. It is our solemn duty to ensure that this great nation achieves self-reliance in the fields of electronics and robotics.
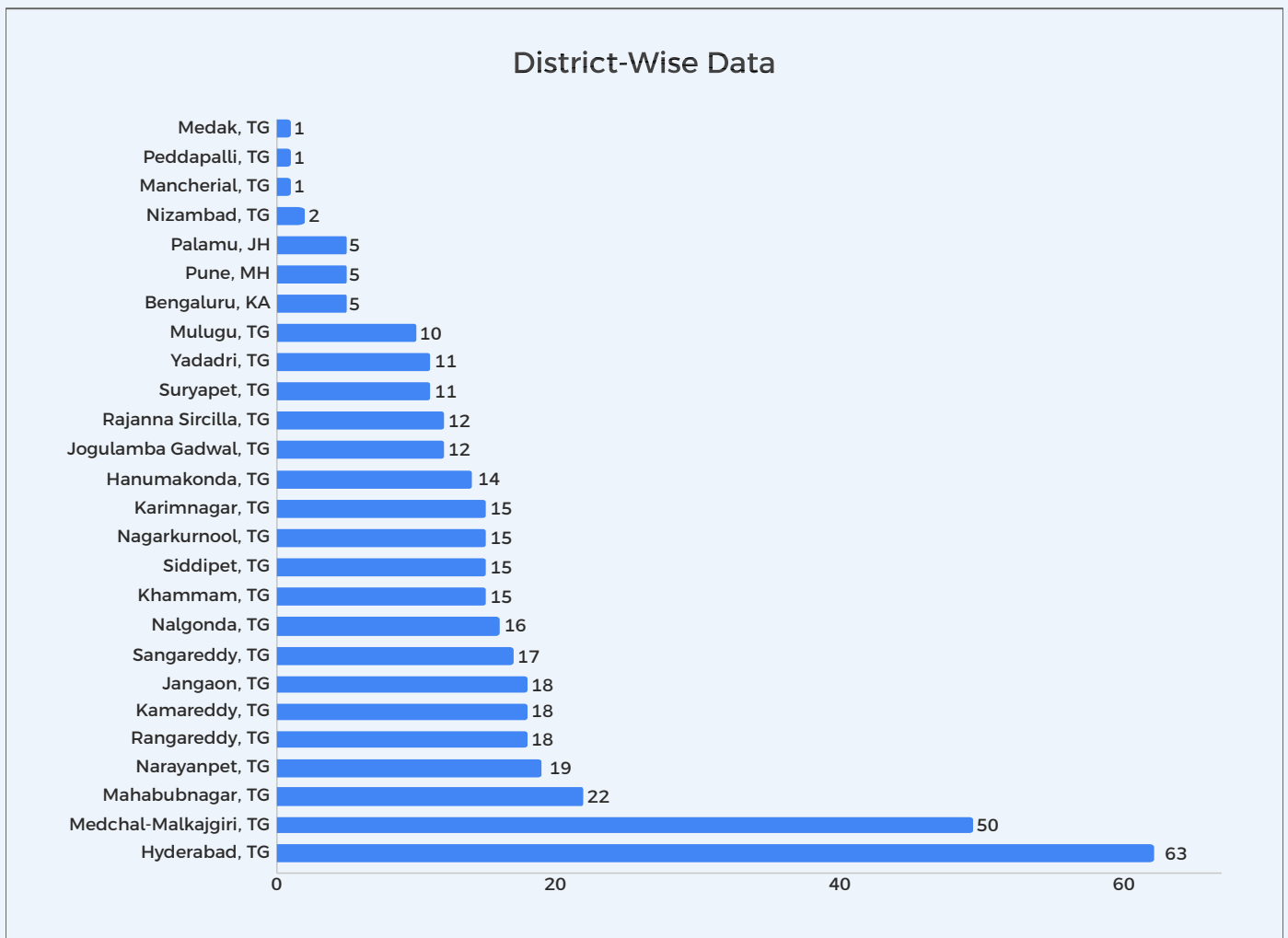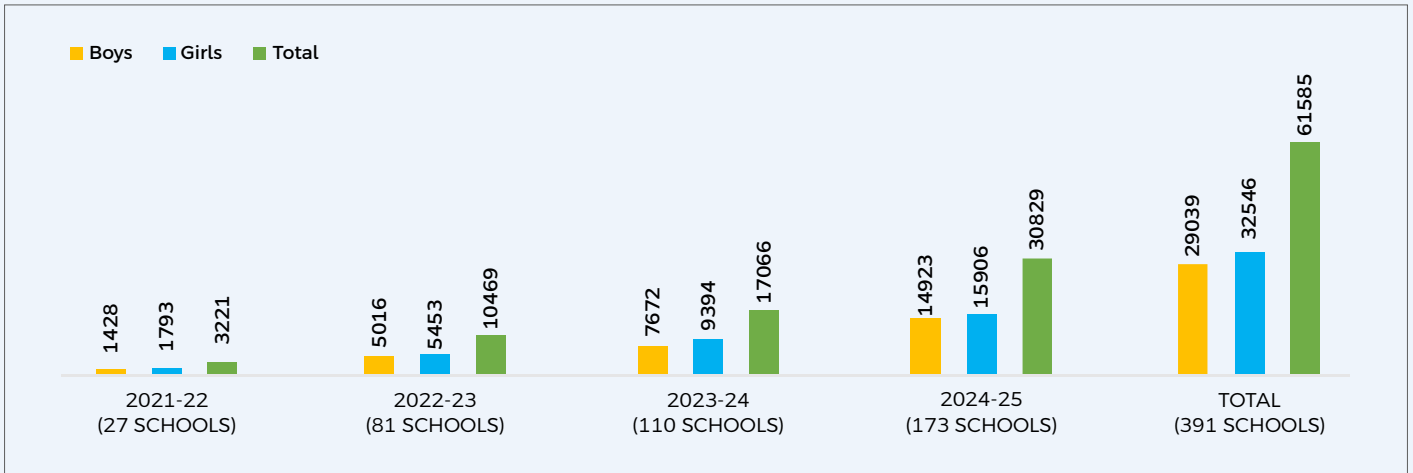
Best Wishes & Regards,

Komaragiri Sahadev
Founder & Director,
Soham Academy of Human Excellence

Our Work So Far

As of March 12, 2025, we are working with 391 institutions and have trained 61,585 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 Telangana. 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 March 12, 2025.

Students Trained by Year

Year	Boys	Girls	Total
2021-22 (27 SCHOOLS)	1428	1793	3221
2022-23 (81 SCHOOLS)	5016	5453	10469
2023-24 (110 SCHOOLS)	7672	9394	17066
2024-25 (173 SCHOOLS)	14923	15906	30829
TOTAL (391 SCHOOLS)	29039	32546	61585

District-Wise Data

District	Count
Medak, TG	1
Peddapalli, TG	1
Mancherial, TG	1
Nizambad, TG	2
Palamu, JH	5
Pune, MH	5
Bengaluru, KA	5
Mulugu, TG	10
Yadadri, TG	11
Suryapet, TG	11
Rajanna Sircilla, TG	12
Jogulamba Gadwal, TG	12
Hanumakonda, TG	14
Karimnagar, TG	15
Nagarkurnool, TG	15
Siddipet, TG	15
Khammam, TG	15
Nalgonda, TG	16
Sangareddy, TG	17
Jangaon, TG	18
Kamareddy, TG	18
Rangareddy, TG	18
Narayanpet, TG	19
Mahabubnagar, TG	22
Medchal-Malkajgiri, TG	50
Hyderabad, TG	63

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

Telangana

Future Districts

1	Hyderabad	13 Nagarkurnool
2	Rangareddy	14 Rajanna Sircilla
3	Medchal-Malkajgiri	15 Jangaon
4	Siddipet	16 Hanumakonda
5	Yadadri Bhuvanagiri	19 Nalgonda
6	Mahabubnagar	21 Jogulamba Gadwal
7	Karimnagar	22 Narayanpet
8	Khammam	24 Nizamabad
9	Medak	29 Mancherial
10	Sangareddy	30 Peddapalli
11	Kamareddy	32 Mulugu
12	Suryapet	

Future Districts

17 Warangal
18 Mahabubabad
20 Wanaparthy
23 Vikarabad
25 Nirmal
26 Adilabad
27 Jagtial
28 Kumuram Bheem
31 Jayashankar Bhupalpally
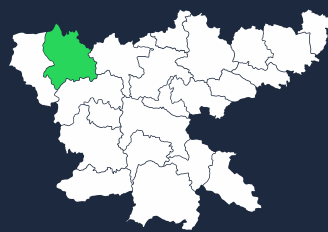33 Bhadradri Kothagudem
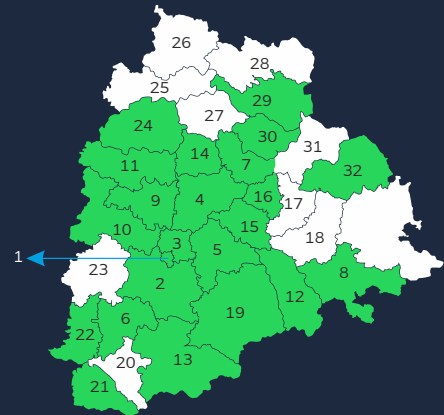
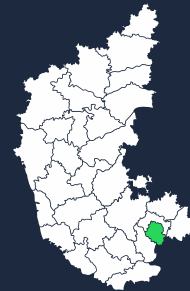## Maharashtra
Pune
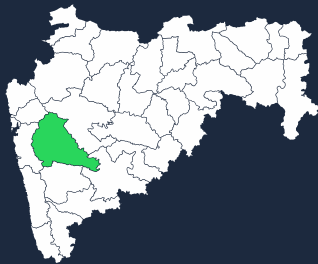
Jharkhand
Palamu

Karnataka
Bengaluru

Colleges Trained

We collaborate with colleges to train students in robotics, equipping them to conduct workshops in schools. Skilled and most dedicated students advance as Trainers and Innovation Coaches, mentoring school students in robotics challenges. Their contributions are recognized with stipends based on their involvement in Training Sessions and Innovation Melas.

We take immense pride in having trained **3108+ students** across **38 colleges**, with **925+ active trainers** driving robotics education in government schools.
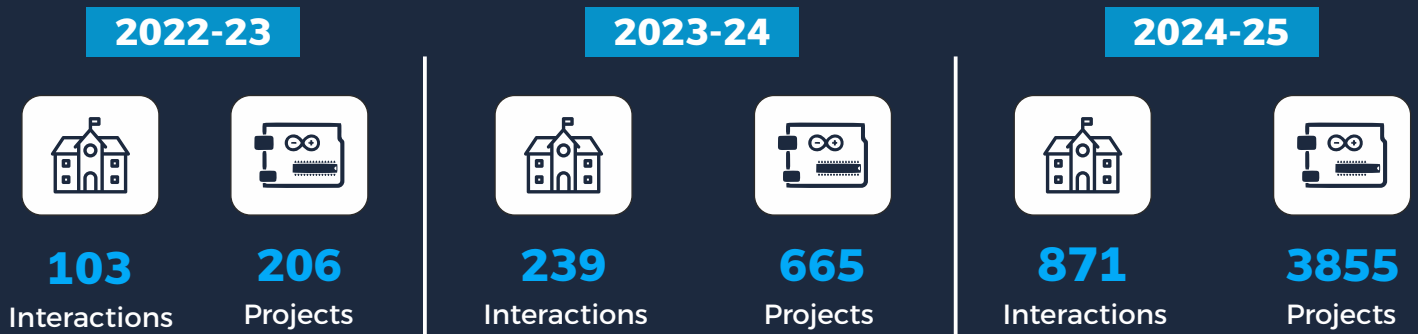
Innovation Challenges

After the workshop, the school will be provided an opportunity to participate in a sequential set of seven robotics challenges.

Here are the number of schools that completed their challenges.

Bronze
353

Silver
318

Gold
246

Platinum
156

Diamond
100

Masters
85

Grand Masters
65

Grand Masters
Masters
Diamond
Platinum
Gold
Silver
Bronze

Innovation Melas

Innovation Melas, started in 2023, help children in completing their innovation challenges. Children complete their robotics models that attempt to solve real-life problems.

2022-23

103
Interactions

206
Projects

2023-24

239
Interactions

665
Projects

2024-25

871
Interactions

3855
Projects

Robotics Exhibitions

Our Robotics Exhibitions offer a platform for innovators to showcase their innovations.

2021-22
- Annual Robotics Exhibition
- IETE, Osmania University
- Exhibition at Synchrony

2022-23
- Annual Robotics Exhibition
- Exhibition at Synchrony
- Exhibition at NTT DATA
- Exhibition in Mahabubnagar

2023-24
- Global Volunteer Week at NTT DATA, Hyderabad
- Exhibition at District Science Forum, Mahabubnagar
- FIRST Tech Challenge, Goa International Robotics Festival
- Hackathon at Synchrony, Hyderabad
- 3rd Annual Robotics Exhibition, Uppal, Hyderabad
- Exhibition at Government Degree College (A), Siddipet

2024-25
- Mini Hackathon at AMD
- Exhibition at GHS, Shaikpet
- Mini Hackathon at AMD
- Robotics Innovation Workshop at ZPHS, Hayathnagar
- District Level Exhibition at District Science Forum, Mahabubnagar
- Global Volunteer Week at NTT DATA
- 4th Annual Robotics Exhibition, Uppal, Hyderabad
- FIRST Tech Challenge India Championship, Pune

4th Annual Robotics Exhibition

List of School Projects

S.No	District Name	School Name	Project Name
1	Hanumakonda, TG	Government High School, Palem	Human-Following Robot
2	Hanumakonda, TG	Government High School, Subedari	Multi-Controller
3	Hanumakonda, TG	Zilla Parishad High School, Peddapendial	Visitor Counter Automation
4	Hanumakonda, TG	Zilla Parishad High School, Velair	Digital Counters for Daily Use
5	Hanumakonda, TG	Zilla Parishad High School, Madikonda	Automatic Fan Operation
6	Hanumakonda, TG	Zilla Parishad High School, Kadipikonda	Prevention of Bank Locker Theft
7	Hanumakonda, TG	Telangana Social Welfare Residential School (B), Wardhannapet	Security Alarm Fence
8	Hyderabad, TG	Government Boys High School, Himayathnagar, CPL	Smart Building Technology
9	Hyderabad, TG	Government High School, Nallakunta	Caution Alert System
10	Hyderabad, TG	Government Girls High School, Amberpet	Petrol Station Management
11	Hyderabad, TG	Government Girls High School, Nallagutta	Coffee Level Controller
12	Hyderabad, TG	Government High School, Seethaphalmandi	Smart Temple Design
13	Hyderabad, TG	Telangana Residential School (G), Borabanda	Railway Station Circuits
14	Hyderabad, TG	Zilla Parishad High School, Kothapet	Automatic Waste Bin
15	Hyderabad, TG	Government TWAHS (G), Bowenpally	Smart School Initiative
16	Hyderabad, TG	Government TWAHS (B), Bowenpally	Rice Cultivation Monitoring
17	Hyderabad, TG	Model High School, OU, Seetaphalmandi	Security Alarm Near Waterfalls
18	Hyderabad, TG	Vedic Vidyalayam High School, Seethaphalmandi	Smart Chemical Factory Solutions
19	Hyderabad, TG	Government High School, Jamia Osmania	Food Truck Management System
20	Hyderabad, TG	Government Nehru Memorial High School, Malakpet	Theft Detection System
21	Hyderabad, TG	Government St. Peters High School, Hyderguda	Rainwater Harvesting
22	Hyderabad, TG	Government High School, Kavadiguda	Theme Organization for Farewells
23	Hyderabad, TG	Government High School Police Boys, CPL	Robotics Applications
24	Hyderabad, TG	Government High School, Bathukammakunta	Smart Apartments
25	Hyderabad, TG	Government High School, Zamisthanpur	Smart Attendance System
26	Hyderabad, TG	Dr. B.R. Ambedkar High School, Bagh Lingampally	Dr. B.R. Ambedkar High School Project
27	Hyderabad, TG	Government Girls High School, Lalapet	Smart Restaurant Implementation
28	Hyderabad, TG	Government High School, Raj Bhavan	Infrared Sensor-Equipped House
29	Hyderabad, TG	Zilla Parishad High School, Hayathnagar	Dam Gate Alert System
30	Hyderabad, TG	Government Girls High School, W.Maredpally	Library Management Systems
31	Hyderabad, TG	Government High School, Raisala Bazar, Bollaram	Utilizing an LCD (1602)
32	Hyderabad, TG	Madapati Hanumantha Rao Girls High School, Narayanaguda	M.H.R.G.S. Exhibition Theme
33	Hyderabad, TG	Government High School, Shaikpet	Plastic Waste Collection Initiatives
34	Hyderabad, TG	Government High School, Gati	Mall Safety Monitoring
35	Hyderabad, TG	Government High School, NBT Nagar	IoT Smart Car Parking System

S.No	District Name	School Name	Project Name
36	Hyderabad, TG	Government High School, Film Nagar	Non-Gravitational System
37	Hyderabad, TG	Nrupathunga High School, Kachiguda	Restaurant
38	Hyderabad, TG	Government Boys High School, New Bhoiguda	Touch Sensor Controlled Led
39	Hyderabad, TG	Government Boys High School, Bowenpally	Remote Control Farming Machine
40	Hyderabad, TG	Government Boys High School, Hill Street	Smart Kitchen
41	Hyderabad, TG	Government Girls High School, Picket	Automatic Water Tank Alarm
42	Hyderabad, TG	Government High School, Kulsumpura	Smart Home
43	Hyderabad, TG	Government High School, Esamia Bazar	Modern Restaurant
44	Hyderabad, TG	Government Boys High School, Sultan Bazar	Industrial Automation
45	Hyderabad, TG	Government Boys High School, Zamisthanpur	AI Fields
46	Hyderabad, TG	Natco Government Boys High School, Borabanda	Stadium
47	Hyderabad, TG	Zilla Parishad High School, Babbuguda	Shopping Mall
48	Hyderabad, TG	Government City Model High School, Chadarghat	Smart Office
49	Hyderabad, TG	Government Boys High School, Sultan Shahi	Automatic Street Lights
50	Hyderabad, TG	Government Boys High School, Mustaidpura	Automated Remote-Controlled Feeding Gate System
51	Hyderabad, TG	Government High School, Ameerpet No 1	Smart Rail Signal
52	Hyderabad, TG	Government Girls High School, Red Cross, Masab Tank	Sensor Fan For Changing Room
53	Hyderabad, TG	Government High School, Langer House	Smart Office
54	Hyderabad, TG	Government Girls High School, Bansilalpet	Lucky Draw
55	Hyderabad, TG	University College of Engineering - Osmania University	Crash Alert System
56	Hyderabad, TG	Little Flowers High School, Amberpet	Hostel
57	Jangaon, TG	Telangana Social Welfare Residential School & JC (Boys), Jangaon	Emergency Alert System for Hospitals
58	Jangaon, TG	MJPET Boys, Bachannapet	Smart Transporter
59	Jangaon, TG	Government High School, Jangaon	Smart Cleaning Robot
60	Jangaon, TG	Telangana Model School, Lingalaghanpur	Oil Factory
61	Jangaon, TG	Kasturba Gandhi Balikala Vidyalayam, Lingalaghanpur	Touch Sensor Based Alarm
62	Jangaon, TG	Telangana Gurukula Resedential School & Jr College (Girls), Kodakandla	Patient Alert System In Hospitals
63	Jangaon, TG	Kasturba Gandhi Balikala Vidyalayam, Raghunathpally	Infrared Sensor-Controlled Servo Motor, Touch Sensor Controlled LED
64	Jangaon, TG	Zilla Parishad High School, Ghanpur (Stn)	Smart Fire Engine
65	Jogulamba Gadwal, TG	Telangana Residential Schools (B), Beechupally	Automatic Vegetable Cutter Using IR Sensor
66	Jogulamba Gadwal, TG	Zilla Parishad High School, Ananthapur	Home Automation
67	Jogulamba Gadwal, TG	Zilla Parishad High School, Dharur	Touch-Based Alarm for Home
68	Jogulamba Gadwal, TG	Government Girls High School, Gadwal	Automatic Tollgate and Farmer-Friendly Water Pump
69	Jogulamba Gadwal, TG	Government Practicing High School, Gadwal	Liquid Level Monitoring System
70	Jogulamba Gadwal, TG	Government Boys High School, Gadwal	Light Dependent Resistor (LDR) Controlled Servo Motor
71	Jogulamba Gadwal, TG	Zilla Parishad High School, Maldakal	Touch Sensor Based Alarm
72	Jogulamba Gadwal, TG	Zilla Parishad High School, Amaravai	Automatic Lid Opening and Closing of Food Grains Container in Presence of Sunlight
73	Jogulamba Gadwal, TG	Zilla Parishad High School, Ghattu	Army Alert

S.No	District Name	School Name	Project Name
74	Kamareddy, TG	Zilla Parishad Girls High School, Domakonda	Touch Sensor-Based Alarm
75	Kamareddy, TG	Zilla Parishad High School, Peddamallareddy	Automated Scheduling Bell
76	Kamareddy, TG	Zilla Parishad High School, Bibipet	Automatic Plant Watering System
77	Kamareddy, TG	Zilla Parishad High School, Kondapur	Fire Fighting Robot
78	Kamareddy, TG	Zilla Parishad High School (B), Chinnamallareddy	Smart Bridge
79	Kamareddy, TG	Zilla Parishad High School, Palwancha	Smart Grain Dryer
80	Kamareddy, TG	Zilla Parishad High School, Gargul	Electronic Voting Machine
81	Kamareddy, TG	Telangana Model School, Sadashivanagar	Smart Wheel Chair
82	Kamareddy, TG	Zilla Parishad High School, Uppalwai	Railway Platform Safety System
83	Kamareddy, TG	Zilla Parishad High School, Nemli	Digital Dice
84	Kamareddy, TG	Telangana Model School, Achampet	Train Accident Prevention System
85	Kamareddy, TG	Jawahar Navodaya Vidyalaya, Nizamsagar	IR Receiver-controlled Servo Motor
86	Karimnagar, TG	Zilla Parishad High School, Kothapally	Bluetooth Controller Robot Wheelchair
87	Karimnagar, TG	Government High School, Dhangarwadi	School Home Automation
88	Karimnagar, TG	Zilla Parishad High School, Nangunur	Digital Hospital
89	Karimnagar, TG	Zilla Parishad High School, Chamanpally	Bluetooth Controlled Car
90	Karimnagar, TG	Zilla Parishad High School, Nustulapur	Under Ground Petrol Monitoring System
91	Karimnagar, TG	Government High School, Saptagiri Colony	The Modern Water Tank
92	Karimnagar, TG	Government High School, Subash Nagar	Smart Door Bell
93	Khammam, TG	Government High School, Naya Bazar	Smart Parking Zone
94	Khammam, TG	Government Ashram High School (G), Gollagudem	Smart School System
95	Khammam, TG	Government High School, Shanthi Nagar	Music Concert Hall
96	Khammam, TG	Government High School, NSC Colony	Touch Sensor-based Alarm
97	Khammam, TG	Kasturba Gandhi Balikala Vidyalayam, Khammam Rural	Tholu Bomma Model
98	Mahabubnagar, TG	Zilla Parishad High School, Yedira	Automation Control System
99	Mahabubnagar, TG	Government High School, Shashab Gutta	Automatic Fan Using Webserver
100	Mahabubnagar, TG	Zilla Parishad High School, Yenmangandla	Smart Bus
101	Mahabubnagar, TG	Kasturba Gandhi Balikala Vidyalayam, Boothpur	Tsunami Alert System
102	Mahabubnagar, TG	Government High School, Police Lines	Smart Access Technology System
103	Mahabubnagar, TG	Zilla Parishad High School, Garlapahad	Gaming Room
104	Mahabubnagar, TG	Zilla Parishad High School, Vepoor	Proximity Alert System
105	Mahabubnagar, TG	Zilla Parishad High School, Vemula	Aqua Sense Technologies
106	Mahabubnagar, TG	Zilla Parishad High School, Janampet	Innovative Integration Technologies
107	Mahabubnagar, TG	Zilla Parishad High School, Boothpur	Factories Safety System
108	Mahabubnagar, TG	Zilla Parishad High School, Vennached	Visitor Logger At Hostels
109	Mahabubnagar, TG	Zilla Parishad High School Boys, Gandeed	Automatic Bank
110	Mahabubnagar, TG	Zilla Parishad High School, Chinnadarpally	Modern Shopping Mall
111	Mahabubnagar, TG	Zilla Parishad High School, Badepally	Queue Master

S.No	District Name	School Name	Project Name
112	Mahabubnagar, TG	Government High School, MG Road	Touch Sensor-Based Alarm
113	Mahabubnagar, TG	Kasturba Gandhi Balikala Vidyalayam, MBNR Rural	AccessX Pest Monitoring System
114	Mahabubnagar, TG	Zilla Parishad High School, Dharmapur	Multi-Sensor Smart Office Automation with Timer Control
115	Mahabubnagar, TG	Zilla Parishad High School, Kodur	Automatic Railway Gates
116	Mahabubnagar, TG	Telangana Social Welfare Residential School (G), Ramreddy Gudem, MBNR	Smart Integrated Monitoring and Control System
117	Medak, TG	Telangana Residential School (B), Toopran	Smart Home
118	Medchal-Malkajgiri, TG	Zilla Parishad High School, Nehru Nagar	Accident Avoidance System
119	Medchal-Malkajgiri, TG	Zilla Parishad Girls High School, Malkajgiri	Digital Classroom
120	Medchal-Malkajgiri, TG	Zilla Parishad High School, Ramanthapur	Crown Hotel
121	Medchal-Malkajgiri, TG	Zilla Parishad High School, Nagole	Smart Agriculture Robot
122	Medchal-Malkajgiri, TG	Zilla Parishad High School, Balaji Nagar	Smart Dustbin
123	Medchal-Malkajgiri, TG	Zilla Parishad High School, Kowkur	Firefighting Robot
124	Medchal-Malkajgiri, TG	Zilla Parishad High School, Jeedimetla	Blind Assistance System
125	Medchal-Malkajgiri, TG	Zilla Parishad Girls High School, Old Alwal	Wonderla
126	Medchal-Malkajgiri, TG	Zilla Parishad High School, Boduppal	Bluetooth-Controlled Car Using ESP32
127	Medchal-Malkajgiri, TG	Zilla Parishad High School, Pratap Singaram	PlayStation Club
128	Medchal-Malkajgiri, TG	Zilla Parishad Boys High School, Malkajgiri	Automatic Science Lab
129	Medchal-Malkajgiri, TG	Zilla Parishad High School, Hasmathpet	Smart Bank
130	Medchal-Malkajgiri, TG	Sri Satya Sai Vidya Mandir, Moosapet	Gesture-Controlled Servo Motor
131	Medchal-Malkajgiri, TG	Zilla Parishad High School (G), Ghatkeser	Advanced Technology and Security
132	Medchal-Malkajgiri, TG	Government High School, Sanath Nagar Old	Technology in Daily Life
133	Medchal-Malkajgiri, TG	Zilla Parishad High School, Balanagar	Smart Entrance
134	Medchal-Malkajgiri, TG	Zilla Parishad High School, Nizampet	Wi-Fi-Controlled Robot
135	Medchal-Malkajgiri, TG	Zilla Parishad High School, Thumukunta	Touch Sensor Based Alarm
136	Medchal-Malkajgiri, TG	Zilla Parishad High School, Shamirpet	Automatic Bin
137	Medchal-Malkajgiri, TG	Zilla Parishad High School, Gajularamaram	Floodlights Controlled via Mobile
138	Medchal-Malkajgiri, TG	Zilla Parishad High School, Suraram	Automatic Street Light
139	Medchal-Malkajgiri, TG	Zilla Parishad High School, Pragathi Nagar	Security Service
140	Medchal-Malkajgiri, TG	Telangana Residential School (B), Keesaragutta	Protecting Crops from Animals
141	Mulugu, TG	Telangana Social Welfare Residential School (B), Incherla	Easily Accessible Railway Footbridge on the Track
142	Mulugu, TG	Kasturba Gandhi Balikala Vidyalaya, Chelvai	Flowing LEDs
143	Mulugu, TG	Telangana Social Welfare Residential School (B), Bandarupally	Voting Plaza
144	Mulugu, TG	Telangana Social Welfare Residential School (B), Jakaram	Smart University
145	Mulugu, TG	Telangana Model School, Chelvai	Exhaust Fans in Coal Mines
146	Nagarkurnool, TG	Zilla Parishad High School, Nagarkurnool	Smart Irrigation System
147	Nagarkurnool, TG	Kasturba Gandhi Balikala Vidyalayam, Nagarkurnool	Electronic Gaming Lottery
148	Nagarkurnool, TG	Telangana Social Welfare Residential School & Junior College (G), Veldanda	Masters Challenge Combination Project
149	Nagarkurnool, TG	Telangana Social Welfare Residential School & Junior College (G), Vangoor	ABN City

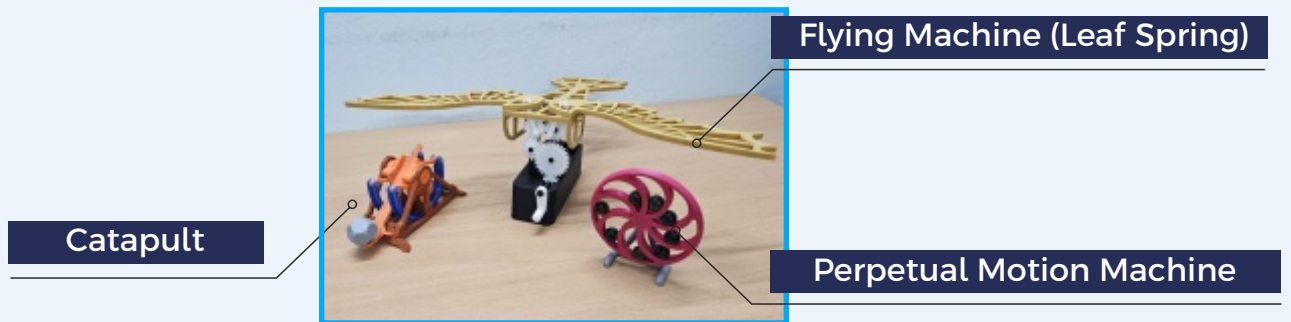| S.No	District Name	School Name	Project Name
150	Nagarkurnool, TG	Zilla Parishad High School, Vangoor	Home Security Alarm
151	Nagarkurnool, TG	Government High School, Kalwakurthy	Zomato Delivery Car
152	Nalgonda, TG	Government Girls High School, RP Road, Nalgonda	Smart Lighting and Security Alert System for the Workspace
153	Nalgonda, TG	Kasturba Gandhi Balikala Vidyalayam, Thipparthy	Automatic Lighting and Visitor Counter
154	Nalgonda, TG	Telangana Model School, Thipparthy	Smart Home Automation
155	Nalgonda, TG	Zilla Parishad High School, Chityal	Smart Automated Home Entrance System
156	Nalgonda, TG	Zilla Parishad High School, Narketpally	Bank Security System
157	Nalgonda, TG	Kasturba Gandhi Balikala Vidyalayam, Kattangur	Nano Shield PWM
158	Nalgonda, TG	Zilla Parishad High School, Kattangur	Chocolate Factory
159	Nalgonda, TG	Zilla Parishad High School, Thipparthy	Airport Surveillance
160	Nalgonda, TG	Zilla Parishad High School, Nakrekal	Smart Transit Bot
161	Nalgonda, TG	Telangana Social Welfare Residential School, Nakrekal	Coffee Machine
162	Nalgonda, TG	Telangana Model School, Shali Gowraram	Jail Security System
163	Nalgonda, TG	Zilla Parishad High School, Domalapally	Touch Sensor-Based Alarm
164	Nalgonda, TG	Government High School DIET, Nalgonda	Techno DAM
165	Nalgonda, TG	Telangana Social Welfare Residential School (G), GV Gudem, Nalgonda	Advanced Temple-Controlled System with Sensors and Servo Motors
166	Narayanpet, TG	Zilla Parishad High School, Bommanpad	IR Receiver Controlled Servo Motor
167	Narayanpet, TG	Zilla Parishad High School (G), Dhanwada	Smart Grass Cutter
168	Narayanpet, TG	Zilla Parishad High School, Jajapur	LDR Controlling Servo Motor
169	Narayanpet, TG	Government High School, Ground Narayanpet	IR Receiver Controlled Box Cricket
170	Narayanpet, TG	Zilla Parishad High School, Kondapur	IR Sensor Controlled DC Motor Using TIP32C
171	Narayanpet, TG	Zilla Parishad High School, Renivatla	Automatic Recycling Dustbin
172	Pune, MH	Maharshi Karve girls High School, Pune	Digital City
173	Pune, MH	NMV High School, Pune	Modern City
174	Rajanna Sircilla, TG	JNTUH, Rajanna Siricilla	Smart Parking at the President's House
175	Rajanna Siricilla, TG	Zilla Parishad High School (G), Vemulawada	Automatic Openable Gate
176	Rajanna Siricilla, TG	Zilla Parishad High School, Nehrunagar, Sircilla	Bank Locker Security Alarm
177	Rajanna Siricilla, TG	Government High School, Vemulawada	Remote Controlled Doors
178	Rajanna Siricilla, TG	Government High School, Sircilla	Coal Mine Security System
179	Rajanna Siricilla, TG	Zilla Parishad High School, Racharla, Gollapally	Automatic Lights Activated by Claps
180	Rajanna Siricilla, TG	Zilla Parishad High School, Venkampet	Smart Hand Wash Station
181	Rangareddy, TG	Zilla Parishad High School, Ibrahimpatnam	Smart Kitchen
182	Rangareddy, TG	Zilla Parishad High School, LB Nagar	Our School Project
183	Rangareddy, TG	Zilla Parishad High School, Karmanghat	Auto Rain Shield for Clothes
184	Rangareddy, TG	Zilla Parishad High School, Saroornagar	Smart Hospital
185	Rangareddy, TG	Zilla Parishad High School, Batasingaram	Polling Booth
186	Rangareddy, TG	Zilla Parishad High School, Badangpet	Bluetooth Controlled Car
187	Rangareddy, TG	Zilla Parishad High School, Kongar Kalan	Car Sensor

| S.No	District Name	School Name	Project Name
188	Rangareddy, TG	Government High School, Deval Jam Singh	Smart City
189	Rangareddy, TG	Mandal Parishad Upper Primary School, Gowlidoddi	Automatic Door
190	Rangareddy, TG	Zilla Parishad High School, Serilingampally	Vacuum Bot
191	Sangareddy, TG	Zilla Parishad High School, Beeramguda	Bluetooth-Controlled Robot
192	Sangareddy, TG	Ratnapuri Vidyalayam, Turkala Khanapur	Smart Army Camp
193	Sangareddy, TG	Zilla Parishad High School, Togarpally	Alarm Indicator
194	Sangareddy, TG	Kasturba Gandhi Balikala Vidyalayam, Osman Nagar	Automated Lighting and Visitor Counter
195	Sangareddy, TG	Zilla Parishad High School, RC Puram	Hospital
196	Sangareddy, TG	Zilla Parishad Girls High School, Patancheru	Soham Robotics Knowledge City
197	Sangareddy, TG	Zilla Parishad High School, Muthangi	Automatic Agricultural Irrigation System
198	Sangareddy, TG	Zilla Parishad High School, Chitkul	Smart Chitkul Village
199	Sangareddy, TG	Zilla Parishad High School, BHEL	Enviro Track
200	Sangareddy, TG	Zilla Parishad High School, Rudraram	Smart Farmhouse
201	Siddipet, TG	Zilla Parishad High School, Akunoor	Smart Winnowing
202	Siddipet, TG	Zilla Parishad High School, Indira Nagar	Smart Bank
203	Siddipet, TG	Zilla Parishad High School, Tadkapally	Gesture-Controlled Clothes Hanger
204	Siddipet, TG	Government High School, Siddipet	Smart Pub
205	Siddipet, TG	Government New High School, Siddipet	Wi-Fi-Controlled Robot
206	Siddipet, TG	Telangana Residential School (G), Ensanpally	Our Smart Hometown
207	Siddipet, TG	Kasturba Gandhi Balikala Vidyalayam, Raghavapur	Smart Home
208	Siddipet, TG	Zilla Parishad High School Boys, Husnabad	Blind Stick
209	Suryapet, TG	Government High School, No 2 Suryapet	Smart Agriculture
210	Suryapet, TG	Zilla Parishad High School, Suryapet	Hands-On Projects in Sensor-Driven Automation
211	Suryapet, TG	Government High School, M.A.M	Smart Touch-Activated Security Alarm System
212	Suryapet, TG	Government High School, New GJM	Wi-Fi-Controlled Car
213	Suryapet, TG	Zilla Parishad High School, Kudakuda	Home Automation Using a Smartphone
214	Suryapet, TG	Zilla Parishad High School, Chivvemla	Next-Gen Home: Smart Automation System
215	Suryapet, TG	Zilla Parishad High School, Kodad	
216	Yadadri, TG	Zilla Parishad High School, Cheekatimamidi	Bridge Monitoring System
217	Yadadri, TG	Zilla Parishad High School, Maryala	Use of Robotic Technology in Smart Cities
218	Yadadri, TG	Zilla Parishad High School, Raigiri	Saline Level Detector
219	Yadadri, TG	Telangana Model School, Turkapally	Smart Vehicle Parking System
220	Yadadri, TG	Telangana Model School, Bommalaramaram	House Safety
221	Yadadri, TG	Telangana Social Welfare Residential School (Boys), Bhongir	Obstacle-Avoiding Robot

Our R&D Projects

1	Thread Winding Machine	11	OTTO Humanoid Robot
2	RC Boat	12	OTTO DIY
3	Vacuum Cleaner	13	FTC Bot
4	Desk Jet Fan	14	Spider Bot
5	Record and Play 4DOF Arm	15	Smart Lamp using ESP32
6	Trash-Eating Robot	16	Surveillance Robot using Pan-Tilt
7	Propeller Clock	17	Gesture-Controlled Robot
8	Levitation Lamp	18	4DOF Robotic Arm
9	SCARA Robot	19	Wall-Climbing Robot
10	4DOF Robotic Arm	20	Self-Balancing Robot

3D Store

Leonardo Da Vinci Gallery

Flying Machine (Leaf Spring)

Catapult

Perpetual Motion Machine

Voroni Art

Vase

Chess Pieces
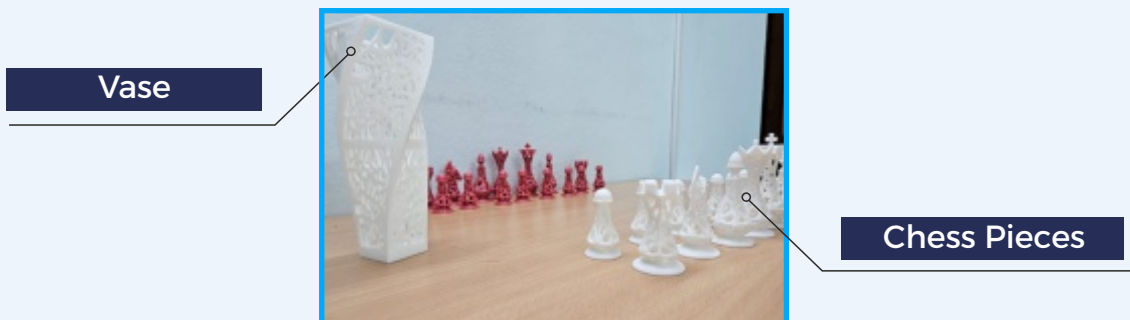
Archaeological Model

T-REX Skeleton

Tensegrity Structure
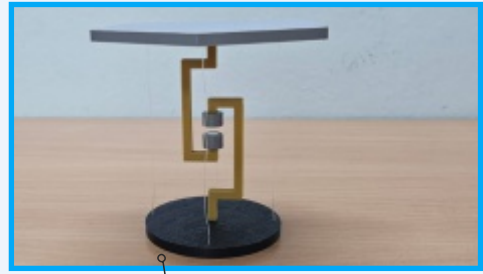
Floating Table

Planetary Gear

3D Hologram

Wall Sculpture

Non Circular Gears

3D Printing Modular Design

Mechanical Orrery

4th Annual Robotics Exhibition
Awardees

Outstanding Leaders

Patwari Pavan Kumar
Hyderabad

Jilla Santhosh
Hyderabad

Talari Srikanth
Hyderabad

Kune Pavani
Hyderabad

Top Innovation Educators

M. Praharsha
Hyderabad

K. Saketh Reddy
Hyderabad

K. Varshith Reddy
Hyderabad

P. Shiva Sai
Hyderabad

Best Zonal Coordinators

N. Narendra Kumar
Mahabubnagar

D. Ajay
Nalgonda

S. Vinay Reddy
Suryapet

Purnachandra Rao
Khammam

S. Mallikarjun
Kamareddy

P. Krishna Teja
Hanumakonda

T. Swetha
Karimnagar

Top Innovation Coaches

P. Sri Sai Varsha
Hyderabad

P. Shreyas
Hyderabad

B. Dattu
Narayanpet

M. Srikanth
Medchal-Malkajgiri

A. Surender
Hyderabad

A. Arvind Goud
Hyderabad

V. Anil
Rajanna Sircilla

K. Pavani
Hyderabad

K. Siri Priya
Hyderabad

T. Varsha Siri
Jogulamba
Gadwal

A. Swetha
Mahabubnagar

T. Harshitha
Karimnagar

N. Poojitha
Hyderabad

Collaborations

Our collaborations facilitate the expansion of our program to various districts and colleges.

St.Ann's College For Women
(Autonomous), Affiliated To Osmania University

KESHAV MEMORIAL
INSTITUTE OF COMMERCE AND SCIENCES

IEEE
Advancing Technology for Humanity

i FOCUS MISSION

ACE Engineering College
An autonomous Institutions

BVRIT
B V Raju Institute of Technology

Anurag ENGINEERING COLLEGE
(An Autonomous Institution)

SRR DEGREE COLLEGE

RK GROUP OF INSTITUTIONS

Nalla Narasimha Reddy Group of Institutions
NNRG Integrated Campus

MAHARSHI DEGREE COLLEGE, MULUGU

TGSWRDCW, ARMOOR

Rajanna sircilla

SPOORTHI
ESTD: 2006

TGSWRDCW, MANCHERIAL

CMRIT

Our Team

Our Core Team

Komaragiri Sahadev
Program Director

Maddala Ganitha
Program Coordinator

Boravelli Jeshwanth
Program Coordinator

Kondapur Rahul
Robotics Engineer

Yata Anusha
Robotics Engineer

Nimma Spandana
Robotics Engineer

Mupparapu Ramya
Robotics Engineer

Our Research Team

**Rangasamudram
Jahnavi**

**Kolavennu
Kushal Manikanta**

**Venkatapathi
Dattatreya**

Our Design Team

Jetty Rajender

Anagandula Sai Kumar

Our CSR Partners

Our heartfelt gratitude to **Synchrony, AMD, NTT DATA, NCC Limited, L&T Technology Services, Gainsight and Schrödinger** for their unwavering support in expanding our Robotics in Academics program. Their contributions have empowered thousands of students with hands-on robotics education, fostering innovation at the grass-root level.

162
Schools
Benefited

27,091
Students
Impacted

15
Districts
Supported

7 Supported Events

synchrony
Associated Since 2021

1667
Innovations
Created

126
Schools
Benefited

16,720
Students
Impacted

18
Districts
Supported

5 Supported Events

AMD
together we advance_
Associated Since 2023

896
Innovations
Created

53
Schools
Benefited

7428
Students
Impacted

7
Districts
Supported

9 Supported Events

644
Innovations
Created

NTT DATA
Associated Since 2022

26
Schools
Benefited

3236
Students
Impacted

4
Districts
Supported

102
Innovations
Created

NCC
NCC Limited
Associated Since 2021

20
Schools
Benefited

2750
Students
Impacted

2
Districts
Supported

259
Innovations
Created

L&T Technology Services
Associated Since 2023

9
Schools
Benefited

1177
Students
Impacted

1
District
Supported

1 Supported Event

81
Innovations
Created

Gainsight

Associated Since 2024

7
Schools
Benefited

Schrödinger

Associated Since 2024

924
Students
Impacted

1
District
Supported

77
Innovations
Created

District-Wise Data

Our Robotics in Academics program is driving meaningful change across 26 districts in Major cities of India. With robotics education now integrated into 391 government schools and 38 colleges, we are inspiring creativity, innovation, and hands-on learning among students.

Collaborating with district administrations and educators, we are fostering a culture of problem-solving and technological curiosity among government school and college students.

Hyderabad

63	**8341**	**5**	**144**	**699**
Schools Benefited	Students Impacted	Colleges Trained	Students Trained	Innovations Created

Medchal-Malkajgiri

50	**8711**	**6**	**466**	**506**
Schools Benefited	Students Impacted	Colleges Trained	Students Trained	Innovations Created
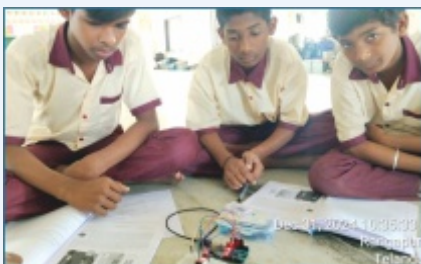
Mahabubnagar

22
Schools
Benefited

7562
Students
Impacted

2
Colleges
Trained

193
Students
Trained

352
Innovations
Created

Rangareddy

18
Schools
Benefited

3138
Students
Impacted

212
Innovations
Created

Kamareddy

18
Schools
Benefited

2629
Students
Impacted

4
Colleges
Trained

191
Students
Trained

192
Innovations
Created

Jangaon

18
Schools
Benefited

1989
Students
Impacted

1
College
Trained

80
Students
Trained

147
Innovations
Created

Sangareddy

17
Schools
Benefited

2380
Students
Impacted

189
Innovations
Created

Nalgonda

16
Schools
Benefited

2055
Students
Impacted

1
College
Trained

199
Students
Trained

257
Innovations
Created

Khammam

15
Schools Benefited

2505
Students Impacted

2
Colleges Trained

200
Students Trained

114
Innovations Created

Siddipet

15
Schools Benefited

2940
Students Impacted

1
College Trained

56
Students Trained

135
Innovations Created

Nagarkurnool

15
Schools Benefited

2069
Students Impacted

1
College Trained

52
Students Trained

135
Innovations Created

Karimnagar

15
Schools
Benefited

2241
Students
Impacted

2
Colleges
Trained

139
Students
Trained

153
Innovations
Created

Hanumakonda

14
Schools
Benefited

1576
Students
Impacted

1
College
Trained

57
Students
Trained

111
Innovations
Created

Narayanpet

19
Schools
Benefited

2366
Students
Impacted

1
College
Trained

63
Students
Trained

45
Innovations
Created

Jogulamba Gadwal

12
Schools
Benefited

1670
Students
Impacted

2
Colleges
Trained

142
Students
Trained

77
Innovations
Created

Rajanna Sircilla

12
Schools
Benefited

1452
Students
Impacted

1
College
Trained

70
Students
Trained

54
Innovations
Created

Suryapet

11
Schools
Benefited

1781
Students
Impacted

1
College
Trained

169
Students
Trained

120
Innovations
Created

Yadadri Bhuvanagiri

11
Schools Benefited

2414
Students Impacted

2
Colleges Trained

26
Students Trained

126
Innovations Created

Mulugu

10
Schools Benefited

1091
Students Impacted

2
Colleges Trained

60
Students Trained

60
Innovations Created

Palamu, Jharkhand

5
Schools Benefited

597
Students Impacted

1
College Trained

154
Students Trained

Pune, Maharashtra

5
Schools
Benefited

552
Students
Impacted

1
College
Trained

74
Students
Trained

36
Innovations
Created

Bengaluru, Karnataka

5
Schools
Benefited

518
Students
Impacted

1
College
Trained

78
Students
Trained

24
Innovations
Created

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.

First Tech Challenge

At Soham Academy, we have been revolutionizing robotics education by empowering government school students to compete on global platforms. In January 2024, we proudly participated in the First Tech Challenge (FTC) at the Goa International Robotics Festival, becoming the only team representing government schools. This opportunity allowed us to collaborate with FTC teams from Houston and Cincinnati, USA, led by Srividya Komaragiri and Arnav Komaragiri.

Building on this momentum, we competed for the second time in a row at FTC Pune on February 28th, 2025, with a well-trained team of 10 new students from various government schools, representing India at the international level. We secured the Judges' Choice 1st Runner-Up Award, competing against global teams from Kazakhstan, Sri Lanka, and beyond. We ranked an impressive 32nd out of 46 teams! What made this achievement truly special? We became the FIRST-EVER team from government schools to compete and win at this prestigious nation-wide event!

This victory was not just a proud moment for us but a historic milestone for Telangana

FTC, Goa International Robotics Festival

FTC India Championship, Pune

Our Journey

2018-19
- Trained just 20 students for the first time on a pilot basis.
- Models developed were used in a science day exhibition in a school.

2019-20
- The program launched in 10 schools in Hyderabad. 300 students got trained.
- Introduced a full-fledged curriculum with a book launch.
- Received our first-ever generous corporate support from Colosseum group.
- Our first-ever exhibition was organized for five schools.

2020-21
- Introduced program in 2 orphanages.
- Relative lull in program due to COVID pandemic.
- 60 students trained.

2021-22
- Launched a newly redesigned Robotics in Academics program.
- Support from CSR Companies started. Synchrony is the first company to support. NCC Limited and SNP Technologies joined.
- Started collaborating with colleges. KMICS is the first college.
- Program launched in 27 schools. Trained 3,221 students.
- ria.sohamacademy.org website launched.
- Our 1st ever Annual Robotics Exhibition was launched. 27 schools participated.

2022-23
- Program expanded to Siddipet and Bhuvanagiri-Yadadri districts.
- Program launched in another 81 schools. Trained 10,469 students.
- Collaborating colleges expanded to 9.
- Started establishing Robotics labs in schools and colleges. Established two labs.
- NTT DATA and Kriti Social Initiatives started supporting our program.
- Multiple partnering institutions emerged in multiple districts.
- Introduced Innovation Challenges and launched Online Robotics Club sessions.
- Our 2nd Annual Robotics Exhibition attracted 79 schools and 2 colleges.

2023-24

- The program expanded to Mahabubnagar, Khammam, Karimnagar, Suryapet and Nalgonda Districts.
- Established labs in 3 districts.
- Collaborating colleges number expanded to 23.
- Synchrony, NTT DATA and NCC Limited continued their support. AMD and L&T Technology Services started supporting us.
- The program launched in another 109 schools. Trained 16,640 students taking the cumulative total to 30,622.
- Presence in 14 Telangana districts.
- Launched Innovation Melas and started organizing hackathons.
- Participated in First Tech Challenge.
- The 3rd Annual Robotics Exhibition attracted over 150 schools.

2024-25

- Our program expanded to Sangareddy, Jangaon, Nagarkurnool, Hanumakonda, Mulugu, Narayanpet, Jogulamba Gadwal and Rajanna Sircilla districts in Telangana.
- We reached new milestones in our Pan-India expansion by bringing robotics education to five schools each in Maharashtra (Pune), Jharkhand (Palamu), and Karnataka (Bengaluru).
- Established two new robotics labs in different districts, strengthening hands-on learning.
- Synchrony, NTT DATA, AMD, NCC Limited, L&T Technology Services, Schrodinger and Gainsight continued their invaluable support this year.
- Launched in 173 more schools, trained 30,829+ students, raising the total count to 61,585+ students empowered.
- Our network of collaborating colleges grew to 38, expanding the reach of robotics education.
- We are now active in 23 districts across Telangana.
- Over 3,855+ student-led innovations have emerged from our program.
- Marked a major milestone by winning the Judges Choice First Runner-Up Award in the First Tech Challenge India Championship, Pune.
- The 4th Annual Robotics Exhibition brought together 219+ schools, celebrating creativity and innovation.

Team Experiences

My Journey to 4th ARE – A Year of Firsts, Twists & Lessons

Looking back at this year, I realize one thing—nothing ever goes exactly as planned. And honestly? That's what made it all so special.

It started with coordinating approvals for our robotics initiatives. Some districts gave us a warm welcome, while others made us wait like we were at an RTO office. It was the first time for me to handle approvals with Government officials like Collector, DEOs, DSOs in Rajanna Sircilla, Mulugu, and Nagarkurnool districts, of course with the support of Sahadev sir and our team.

This year, we even expanded our Robotics program to new states like Pune and Jharkhand. Biggest challenge now? Language!

I don't speak perfect Hindi. But that didn't stop me - I spoke my Thukuda Thukuda Hindi, mixed it up with a little Telugu, English, and a lot of confidence. And somehow, it worked. Seeing the program successfully happen in these places was a huge win for us.

Here comes our 4th ARE planning - an entirely different battlefield.
With over 800 expected participants, we weren't just organizing an event; we were planning a grand wedding - except there was no bride or groom, just an army of students, teachers, guests, and volunteers rushing in every direction.

Two moments stood out.

The first was the ID card plot twist. We had everything set - a finalized student ID Card design, a chosen vendor, and plans to print PVC cards for one-time use. Just as we were about to go ahead, our sir saw it and asked, "Why not reuse these ID cards instead of spending on expensive PVC ones?" His question made us pause and rethink our approach. Instead of wasting resources on cards that would only be used once, we quickly shifted our plan to create reusable ID cards. This simple change not only saved money but also taught us the value of sustainable planning and making an environmentally responsible choice.

The second was the vendor masterclass. We were handling purchases for 800+ participants and had planned to get everything from one vendor - because, well, efficiency. But sir dropped another wisdom bomb: "Distribute the purchases. Support multiple vendors. Let the business be shared." Another shift in mindset. And another lesson in leadership. It wasn't just about convenience; it was about creating impact beyond the event itself.

Now, as we step into 4th ARE, I look back and smile. This journey was about pushing limits, learning on the go, and embracing unexpected lessons. It was about figuring things out- even in broken Hindi, redesigning something at the last minute, and seeing the bigger picture beyond just an event.

And that's what makes this journey unforgettable for me.

4th ARE, here we come - stronger, wiser, and ready for more surprises.

M. Ganitha
Program Coordinator

As we interact with trainers and educators, we are often regaled with fascinating stories of their experiences with students. One thing that stands out is the sheer enthusiasm and creativity that students bring to the table.

After every innovation fair and workshop, we are amazed by the students' eagerness to learn and participate. Trainers often remark that students are incredibly fast in completing activities, and their ideas are often beyond our expectations.

I recall one particular experience that left a lasting impression on me. We arrived at a school rather late, around 11:30 am, and I thought it would be impossible to complete all 21 activities scheduled for the day. But the students proved me wrong. They worked with incredible speed and enthusiasm, and we were able to complete the closing ceremony by 4:00 pm.

What's even more remarkable is the way students think outside the box. During a simple touchless doorbell activity, we received almost 50 different ideas from the students – ideas that we hadn't even taught them! It's moments like these that remind us of the incredible potential that lies within each child.

We are also heartened by the support we receive from school management, teachers, and parents. Some of our partner schools are residential schools, and students from these schools often call us in the late evenings to discuss their projects. Their enthusiasm is infectious, and it motivates us to work even harder.

Of course, there are also moments of doubt – like when we wonder if students are truly working on their projects or just getting help from others. But overall, our experiences with young innovators have been overwhelmingly positive.

As we continue to work with students and educators, we are reminded of the importance of nurturing creativity and innovation in young minds. With the right support and encouragement, there's no limit to what our children can achieve

M. Ramya
Robotics Engineer

My Journey as a Robotics Teacher
Initially, I didn't enjoy teaching, but my experience at Soham changed everything. I discovered a passion for teaching Robotics to thousands of students.

Overcoming Fears
On my first day of training, I was tasked with troubleshooting, but I was unsure. I focused on code uploading instead. However, on the second day, I was encouraged to troubleshoot, and despite my fear, I successfully fixed a Touch Sensor Controlled LED.

Lessons from Students
As I traveled to various schools, I realized that students need encouragement to showcase their talents. I recall a student who was denied permission to attend our Annual Robotics Exhibition by her teacher, despite creating a project on her own. We intervened, and she was able to attend. This experience taught me that students have immense potential, but they need support and motivation.

A Lasting Impression
Another instance that left a lasting impression was when students from a school called me every day to remind me about completing innovation challenges. They even called me on my wedding day! This showed me that students take our words seriously and are eager to learn.

Reflections and Future Directions
Looking back on my journey, I realize that teaching Robotics has not only helped me overcome my fears but also given me a sense of purpose. I've learned that effective teaching is not just about imparting knowledge but also about inspiring and motivating students. As I continue on this path, I'm excited to explore new ways to engage and support our students, and to witness the incredible things they will achieve.

Y. Anusha
Robotics Engineer

Four years ago, as a Computer Science Engineering (CSE) student, I never imagined I would be working with circuits and hands-on robotics. But my passion for teaching led me to this field, and through this program, I've been able to fulfill my teaching goals while gaining valuable experience.

In the first year, we conducted a two-day robotics workshop in schools. By the second year, we shortened it to one day, allowing us to reach more schools. Over the years, the number of schools grew, and we expanded to over 20 districts in Telangana and other states too.

Working with rural students, many of whom had never encountered circuits, has been an exciting experience. Their enthusiasm and competitive spirit are incredible. After each workshop, we select a few students to join a club, and some even cry if they're not chosen. It's inspiring to see students who may struggle in regular subjects excel in practical tasks, showing their true talent.

What stands out is the creativity each school brings to the same challenge, with innovative solutions unique to each group. Over time, I've built strong relationships with students and teachers, and our teamwork feels like a family.

A major highlight of the year is the exhibition, where we showcase students' creativity. It's a wonderful opportunity to learn, and I'm grateful to be part of this fulfilling journey. I look forward to continuing to teach and learn with these amazing students.

N. Spandana
Robotics Engineer

It all starts with the smiles and claps when the LED blinks (the first activity). Those smiles and the spark in their eyes make our day. Sometimes, we travel hundreds of kilometers to train students, but that one smile re-energizes us and makes us willing to go anywhere.

This year, there have been so many new experiences. One of the most significant was training in other states. We faced new challenges, with the biggest one being the transportation of kits and books. We tried different ways to send them, and it turned out to be a great experience.

Our sir always used to talk about the 'special five,' and he believes that the number five creates magic—and the magic is happening now. Ours is the largest robotics program, striving to make Telangana a model for robotics education. I always feel blessed to be part of the team of five (Team RiA).

Coming to the 4th ARE, it's going to be the biggest and most unprecedented event at Soham Academy. Five hundred students will carry their school pride to the state level, supported by 250 teachers who encourage them every step of the way. Nearly 100 volunteers will take on the responsibility of bringing students and teachers to the event, guiding them to their tables, and ensuring everything runs smoothly. And it just doesn't end there—students will carry their smiles back to their schools and villages, and proudly say they were part of this State-level 4th Annual Robotics Exhibition
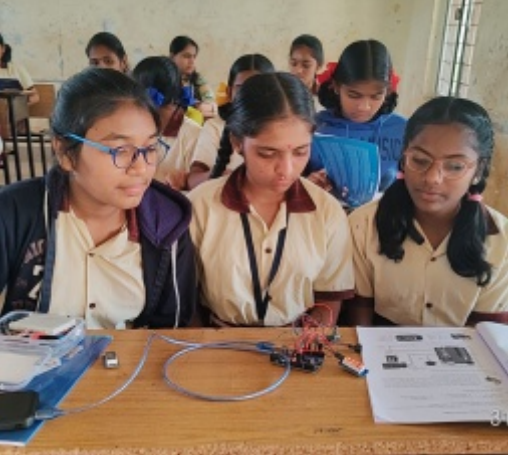

K. Rahul
Robotics Engineer
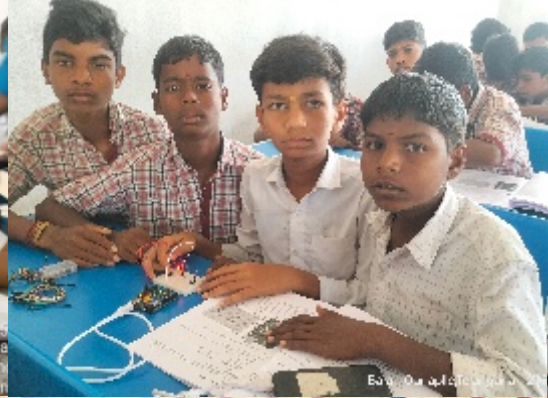
About Soham Academy of Human Excellence

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

Reg. No.	12A	80G	FCRA
73/IV/2017	AATTS1503M23HY01	AATTS1503M23HY02	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