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The Tech Academy is a social enterprise that provides computer programming, electronics and robotics education to children and teenagers of Dhaka and Chittagong. The Tech Academy was founded in 2015 by Shams Jaber but the initiative dates back to 2013 when Shams with some of his friends started the first program in Bangladesh to teach robotics to children institutionally.

Currently, The Tech Academy has more than 60 students who are enrolled in its programs after school in Banani, Dhaka. They all come from mostly English Medium schools who pay a fee monthly to avail the service. Beyond Banani, Tech Academy has taught coding and electronics to street kids, working children in partnership with various organizations like 'Ain O Shalish Kendra' and 'Bangladesh Legal and Service Aid(BLAST)'. Outside Dhaka its been teaching its programs Mro Tribal Kids in the Chittagong Hill Tracts for last 3 years. Overall, The Tech Academy has so far reached out to more than 250 kids overall from all socioeconomic backgrounds.

What separates The Tech Academy from initiatives around the world that does similar work is two important things. One: its innovative approach in teaching which TTA calls 'the intuitive approach' and the type of technological projects it entails with its students. These projects include commercial ones that were delivered to local and global giants like IFAD Multi-products, CocaCola Bangladesh, Graphic People all done by its students and teachers. The futuristic projects involve working with human brain signals, communication devices for children with Cerebral Palsy and accelerated learning via Augmented Reality. This shows that The Tech Academy is not just an institute but a research and development firm which allows its students to apply their learnings beyond the classroom.

The Tech Academy founder Shams Jaber has more identities that enables him to accelerate the growth of the organization and tells us of its brighter future. He is a part of the Global Shapers initiative in the Dhaka Hub, a project of the World Economic Forum which has 377 hubs in major

cities in 156 countries. He is one of the GOSH(Gathering for Open Source Hardware) community members where scientists, artists and engineers from renowned institutes and organizations all around the world gather to share and promote open source hardware technologies and innovations. Last year he mentored the High School Robotics Team of Bangladesh at FIRST Global Challenge where more than 140 nations participated in Washington D.C. and this year he will mentor them again where 157 nations will participate at Mexico City. He has formed collaborations with organizations around the globe to facilitate the access to advanced technological research for his beloved students here in Bangladesh. Being a newly hired part-time faculty for Robotics(freshly started course) at the International School Dhaka(ISD), he has initiated the much awaited partnership between the school and The Tech Academy.

The Tech Academy looks forward to initiating more collaborations with schools in Dhaka, outside Dhaka and even beyond the border to spread its unique technology education and expand. And hopefully spur innovative ideas and solutions with technology for our community and the world via its geeky, prodigious children and teenagers.

The Tech Academy and Shams Jaber in local and global media so far...

- International Television and Visual Media
 - [Central Chinese TV Beijing](#)
 - [Central Chinese TV New York](#)
 - [FIRST Global TV, Washington D.C.](#)
- International Newspapers and Online Media
 - [Anadolu Agency, Turkey](#)
 - [Ajala Project, Dubai](#)
 - [CGTN America](#)
- Local Television
 - [Maasranga Television](#)
 - [Shomoy Television](#)
 - [Daily Star Online TV](#)
- Local Newspapers and Online Media
 - [The Daily Star \(Article 1\)](#)
 - [The Daily Star \(Article 2\)](#)
 - [The Daily Star \(Article 3\)](#)
 - [The Daily Star \(Article 4\)](#)
 - [Dhaka Tribune \(Article 1\)](#)
 - [Dhaka Tribune \(Article 2\)](#)
 - [Future Startup \(Article 1\)](#)
 - [Future Startup \(Article 2\)](#)
 - [New Age](#)
 - [Intellect dot com](#)

- Interesting Videos to learn more
 - [TEDxDhaka](#)(speech: two Tech Academy students)
 - [TEDxAIUB](#)(speech: Shams Jaber)
 - [Mashrafe Mortaza to Team Bangladesh](#)
 - [Game for IFAD Multiproducts at Dhaka International Trade Fair](#)
 - [Video on our journey so far](#)
 - [Crowdfunding Campaign for Bandarban Project](#)
 - [Cool neuroscience project](#)
 - [Air Drums](#)