



by **JUNKBOT**

American University of Sharjah

PARTNERSHIP FOR SCHOOLS



Inside **American University of Sharjah**

DO IT LAB by Junkbot is a space where students experience science, math, art, and technology by doing it. From volcanoes to AI and circuits to natural disasters, everything here is understood by building, testing, and doing. Here, children don't just learn ideas—they build them, test them, and understand them for real.



Located in a vibrant campus known for academic excellence



Fully equipped lab spaces designed for hands-on learning

Our Offering: **Educational Field Trip**

Bring your students for an unforgettable hands-on experience.

- Aligned with your curriculum
- 1-hour workshops, flexible booking
- Suitable for science, math, ICT, and enrichment weeks

Themes offered includes:



Science in Action

Simulate a volcano, test a water filter, or explore forces and motion with real experiments — some workshops use sensors to gather data like a scientist.



Nature & Sustainability

Create tech-powered eco-projects like a plant-watering system that runs with light sensors — teaching sustainability through design.



Math & Logic

Make math make sense — by doing it. Numbers turn into games, puzzles, patterns, and real-world projects. Kids won't just solve equations — they'll use math to build, measure, test, and design. From geometry to data, this is where logic comes to life.



Robotics & AI

Students build robots and explore how machines learn. Older students can train and test simple AI models using real tools — no experience needed.

After School Activities

At DO IT LAB we believe that learning extends far beyond the confines of the classroom. Our After-School Activities program is designed to ignite the spark of curiosity in young minds, offering a diverse range of engaging and educational experiences. From the fascinating realm of robotics to the captivating world of coding and cutting-edge technologies like AR/VR and Generative AI, each program is crafted to inspire creativity, foster critical thinking, and equip students with skills that go beyond textbooks.

Programmes offered include:



Robotics

Unleash your child's creativity through hands-on robotics projects. From assembling Junkbot creations to understanding the principles of robotics, this program sparks a passion for Technology.

Coding for Children

Introduce your child to the exciting world of coding using visual coding platform. Our approach makes learning fun and interactive, laying the foundation for future programming journey.



AR/VR with CoSpaces

Step into the immersive worlds of Augmented and Virtual Reality with our AR/VR course. Explore creativity through AR/VR projects, combining technology and imagination.

Generative AI

Dive into the future of technology by exploring Generative AI with Generative AI kit. Understand the basics of artificial intelligence and witness the magic of generative projects.



3D Modelling

Uncover the art of 3D modeling and design. From basic shapes to intricate structures, this program introduces students to the fascinating world of three-dimensional creativity.

Additional Benefits

MissionX Platform:

Enrolled students gain access to our MissionX platform, where they can tackle real-world challenges, develop innovative solutions, and compete with peers worldwide for prizes and internships.

Itreprenuer Community:

Students aged 15 and over are invited to join our Itreprenuer community. This network of over 2,000 startups provides direct access to internships, job opportunities, and resources to help students build their own venture.

Our Clients



Contact Details



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