

Future-Ready Education Meets Smart Technology

Cross Learning combines technology training, practical projects, innovation programs and lab infrastructure to help institutions build future-ready skills and real-world learning environments.

Robotics

AI & ML

STREAM

Innovation Labs

Coding

IOT

EDUCATION PROGRAMS

Technology-enabled learning programs for students and educators.

LABS & INFRASTRUCTURE

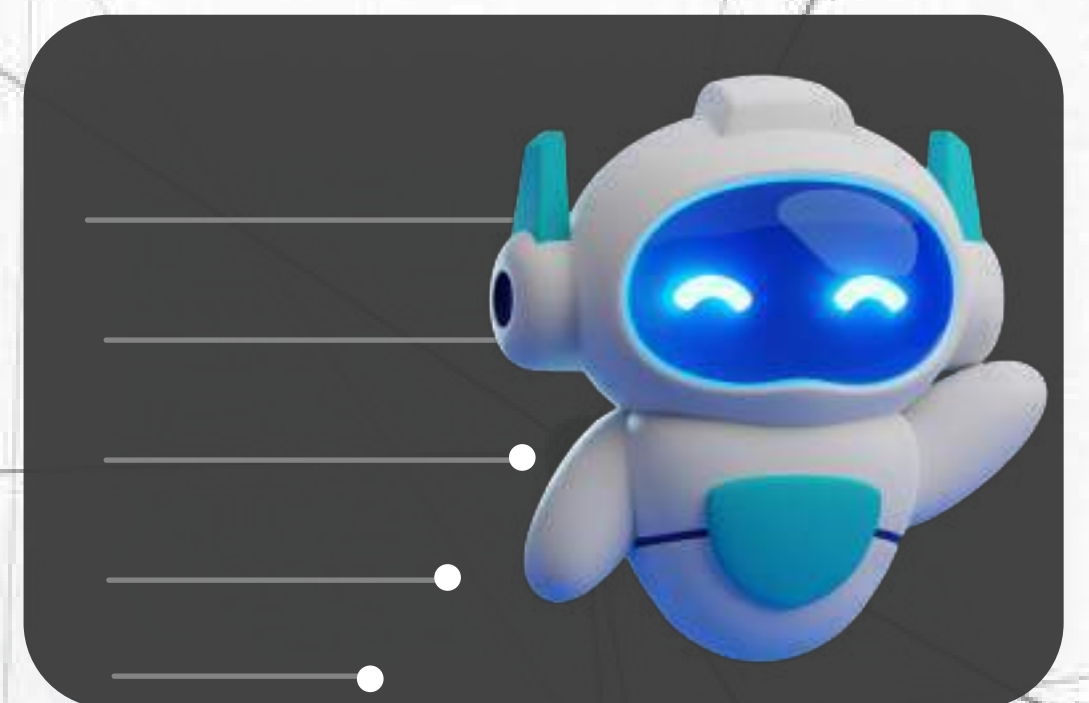
Design, setup and deployment of robotics, AI, IoT and STREAM labs.

PROJECTS & PROTOTYPES

Hands-on projects from foundational builds to advanced engineering applications.

TRAINING & WORKSHOPS

Expert-led workshops, bootcamps and faculty/teacher enablement.

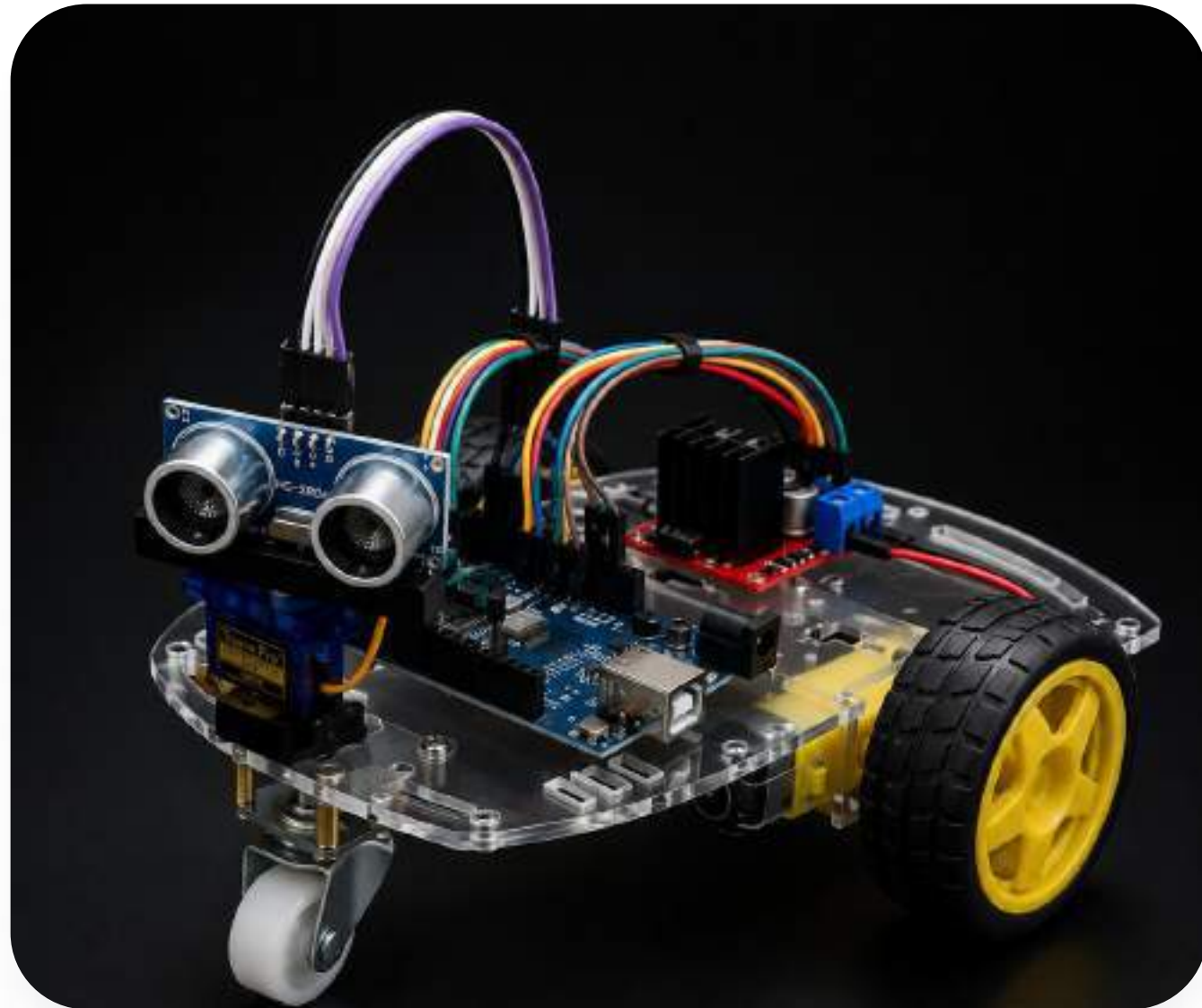


Empowering Schools, Colleges & Educational Institutions with Robotics, AI, Coding, Machine Learning, IoT & STREAM

CROSS LEARNING AT A GLANCE

Education Expertise & Technology Implementation Under One Roof

Cross Learning works with schools, colleges and educational institutions to design, deploy and support practical technology programs, labs and learning ecosystems.



Robotics|Artificial Intelligence|Machine Learning|STREAM |Coding

MISSION

Make Future Skills Practical, Visible & Scalable

We focus on turning technology concepts into hands-on learning through robotics, AI, coding, IoT, machine learning and STREAM. From a single workshop to a complete technology lab, we support institutions at every stage.

Education Solutions

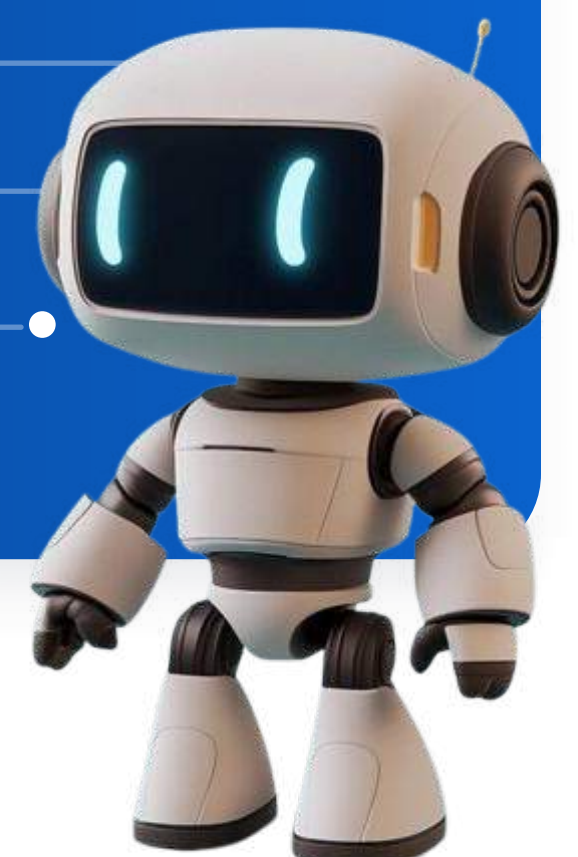
- Robotics & AI programs
- IoT & embedded systems
- Coding & computational thinking
- Machine learning & data science
- STREAM & innovation programs
- Project-based learning
- Technology workshops

Technology Solutions

- Robotics & electronics labs
- IoT & embedded systems
- Custom project development
- Lab deployment & support
- AI / ML lab infrastructure
- STREAM & innovation labs
- Training kits & components
- Institutional technology solutions

Practical Learning Philosophy

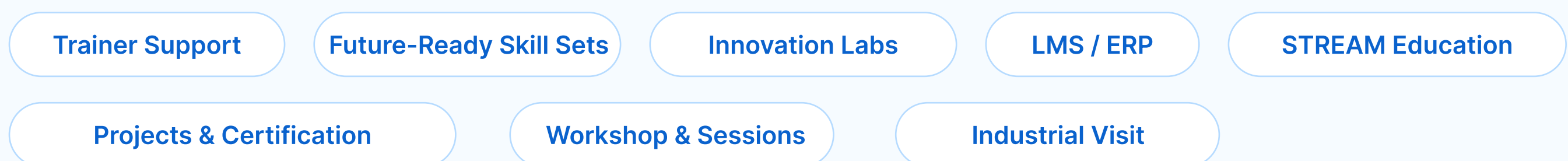
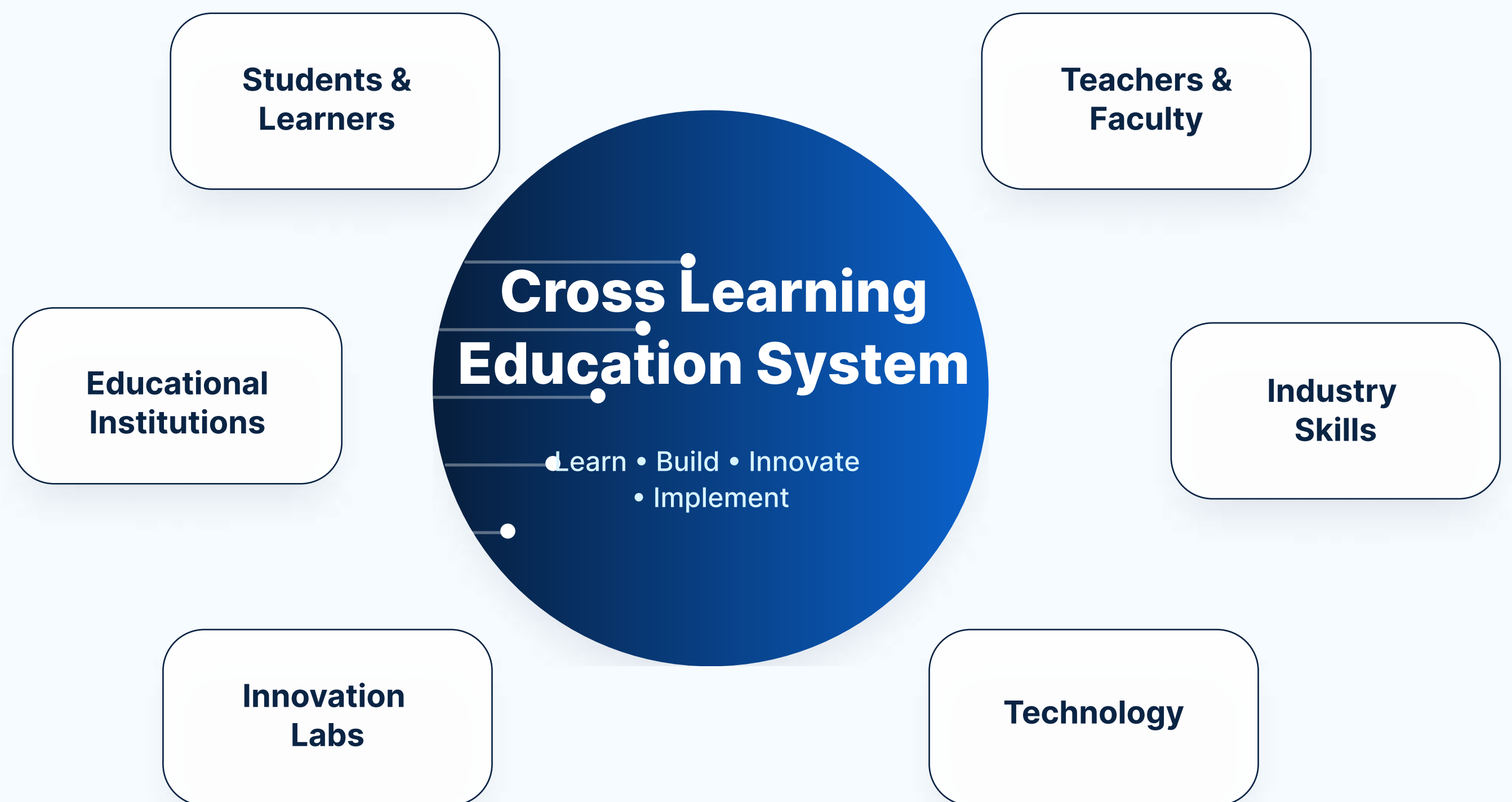
Every program is designed around visible outcomes: working prototypes, real projects, stronger technical confidence and practical exposure to emerging technologies.



CONNECTED EDUCATION ECOSYSTEM

One Technology Partner Connecting Learners, Educators, Institutions & Industry

Cross Learning creates connected technology ecosystems that bring together academic learning, practical projects, skill development and institutional innovation.



Learning | Training | Innovation | Technology | Management | Analytics

Turning ideas into skills, skills into projects, and projects into possibilities.

OUR APPROACH

OUR VISION



Empowering the Next Generation to Learn, Build & Lead

We envision a future where every learner has the skills, knowledge, confidence and opportunities to thrive in a rapidly evolving technology-driven world.

Cross Learning aims to create a future-ready generation equipped with practical technology skills, creative thinking and problem-solving abilities —enabling learners to transform ideas into meaningful solutions and contribute to a better future.

Future-Ready Learners • Practical Skills • Innovation • Impact

OUR MISSION

Bridging Learning with Real-World Application

Our mission is to bridge the gap between learning and real-world application through industry-aligned training, hands-on experiences, expert-led programs and technology-enabled learning.

We work with students, educators and institutions to deliver practical learning across Robotics, AI, Coding, IoT, Machine Learning and emerging technologies, while supporting projects, competitions, workshops and technology implementation.

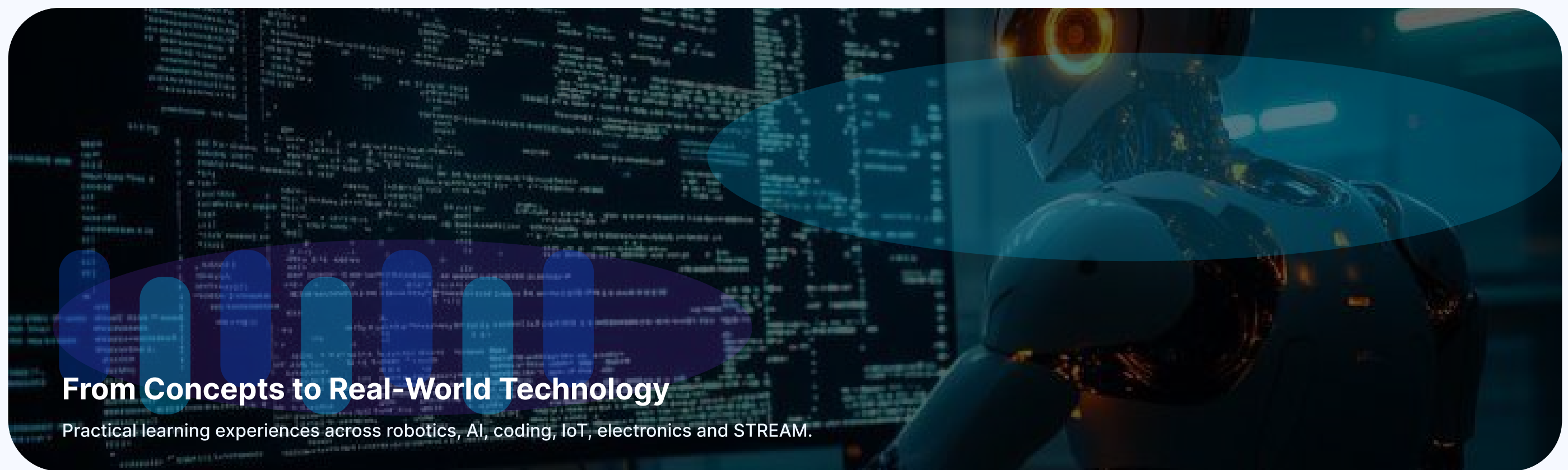


Learn → Explore → Build → Apply → Innovate

PROGRAM PORTFOLIO

Robotics, AI, Coding, Machine Learning, IoT & STREAM for Education

A complete technology portfolio combining hands-on learning, practical projects and structured academic programs for schools, colleges and higher educational institutions.



Robotics

Design and develop intelligent robotic and automated systems

Artificial Intelligence

Prompting, computer vision and master AI tools.

Coding

Logic, Python, web fundamentals and computational thinking.

Machine Learning

Datasets, classifiers, models and predictions.

IoT

Sensors, connectivity, dashboards and communication devices.

STREAM

Science Technology Research Engineering Arts
Mathematics

Each module can be delivered through regular classes, workshops, bootcamps or project-based programs — adapted to the academic level and goals of the institution.

GRADE-WISE PROGRESSION

Learning pathways from discovery to advanced projects

Structured technology learning that grows with the learner — from foundational concepts and hands-on exploration to advanced projects and real-world applications.

**Grades 3–5 /
Foundation Level**

Foundation & Application

Explore coding, animation, AI basics, sensors, circuits, robotics, smart systems and creative problem-solving through hands-on projects.

**Grades 6–8 /
Intermediate
Level**

Concept & Advanced Exploration

Develop coding, algorithms, data handling, AI, computer vision, automation, sensors, robotics and smart systems through practical projects.

**Grades 9–12/
Advanced School
Level**

Advanced & Pre-Industry

Build expertise in Python, data science, machine learning, IoT, embedded systems, computer vision, advanced robotics and product-focused projects.

- **Colleges**
- **Universities**
- **Technical
Institutions**

Higher Education & Professional

Build industry-ready skills through engineering, AI/ML, IoT and advanced projects.

Schools • Colleges • Universities • Training Institutes • Incubation centre

Outcome-led progression

Every stage produces visible outcomes — from foundational understanding and practical skills to working prototypes, advanced projects and industry-relevant technology exposure.



DELIVERY MODEL

Expert Training, Workshops & Implementation Support

From classroom learning to complete lab implementation, we provide the expertise, training and on-ground support needed to build a strong technology ecosystem.



Trainer Deployment

Expert trainers for Robotics, AI, Coding, IoT, ML and STREAM.

Workshops + Competitions

Hands-on workshops focused on emerging technologies.

Teacher & Faculty Training

Practical training to empower teachers and faculty.

Lab Setup & Implementation

End-to-end technology lab setup and support.

What your Institution receives

Curriculum planning

Hands-on Learning

Project Mentoring

Workshop & Assessment Support

Lab usage guidance

Implementation support

GRADE-WISE PROGRESSION

Events & Competitions

Where Ideas Meet Innovation

Cross Learning actively participates in technology events, competitions, exhibitions and innovation platforms that connect learners with real-world challenges, industry trends and emerging technologies.



1. Technoxian

Technology • Innovation • Hands-on Learning

A platform that encourages students to explore technology, build solutions and showcase their technical creativity.



2. Dr. APJ Abdul Kalam

Innovation • Young Minds • STREAM

An initiative inspired by the vision of Dr. A.P.J. Abdul Kalam, encouraging students to dream, innovate and create solutions for tomorrow.



3. Codeavour

AI • Coding • Creativity

A coding and AI-focused competition where students transform ideas into innovative technology-based projects.



4. WRO

Robotics • Engineering • Competition

A global robotics competition that challenges students to design, build and program robots to solve real-world problems.

From learning concepts to building real-world solutions, we create meaningful opportunities for students to explore emerging technologies, develop practical skills, participate in competitions, collaborate with peers, and transform innovative ideas into impactful solutions.



Innovation Beyond the Classroom

Events & Competitions

Experience. Compete. Create.



5. DIDAC

Education • Technology • Collaboration

A leading education platform bringing together educators, technology providers and innovative learning solutions.



6. Inspired Award

Innovation • Research • Problem Solving

A platform that motivates young innovators to identify real-world problems and develop creative technology-driven solutions.



7. Automation Expo

Automation • Robotics • Industry 4.0

An industry-focused platform exploring automation, robotics and emerging technologies shaping the future of manufacturing.



8. WRATA 2026

Robotics • Autonomous Systems • Challenge

A competitive platform encouraging participants to apply robotics, engineering and problem-solving skills through practical challenges.



9. FTC

Robotics • Teamwork • Engineering

A robotics competition where students collaborate, design, build and program robots while developing engineering & teamwork skills.

HIGH EDUCATION DELIVERY MODEL

Industry-Aligned Learning, Training & Implementation Support

From curriculum integration to hands-on projects, we help higher education institutions build industry-ready skills through practical learning, expert training and technology-enabled implementation.

Industry Expert Deployment

Industry professionals for AI, Robotics, IoT, Coding, Data Science & emerging technologies.

Workshops + Competitions

Hands-on workshops, hackathons and technology challenges.

Faculty Development

Training faculty with practical tools, teaching methodologies and emerging technology skills.

Projects, Labs & Implementation

Support for live projects, innovation labs, technology labs and end-to-end implementation.



INNOVATION LAB SOLUTIONS

Innovation, Robotics, AI & STREAM Ecosystem

A technology ecosystem is more than equipment. It needs planning, project resources, training and structured implementation across the institution.



Lab planning

Equipment selection

Student kits

Microcontrollers

Sensors

Robotics

STREAM

Electronics essentials

Project solutions

Teacher Training

Complete Technology Ecosystem, Not Just a Component Catalogue

Cross Learning helps institutions plan, build and implement technology ecosystems — from individual projects and learning kits to complete robotics, AI, IoT and STREAM labs.



KITS & HARDWARE ECOSYSTEM

Technology Kits, Robotics Builds & Lab Essentials

Ready-to-deploy kits, components and hardware to support practical learning, project development and technology labs.

Microcontrollers

Arduino, ESP boards and programmable cores

Sensors

Line, distance, light, soil, motion and environment

Actuators

Motors, servos, drivers, wheels and mechanisms

Connectivity

Bluetooth, Wi-Fi, IoT and communication modules

Robot Builds

Chassis, line followers, autonomous and custom robots.

Lab Essentials

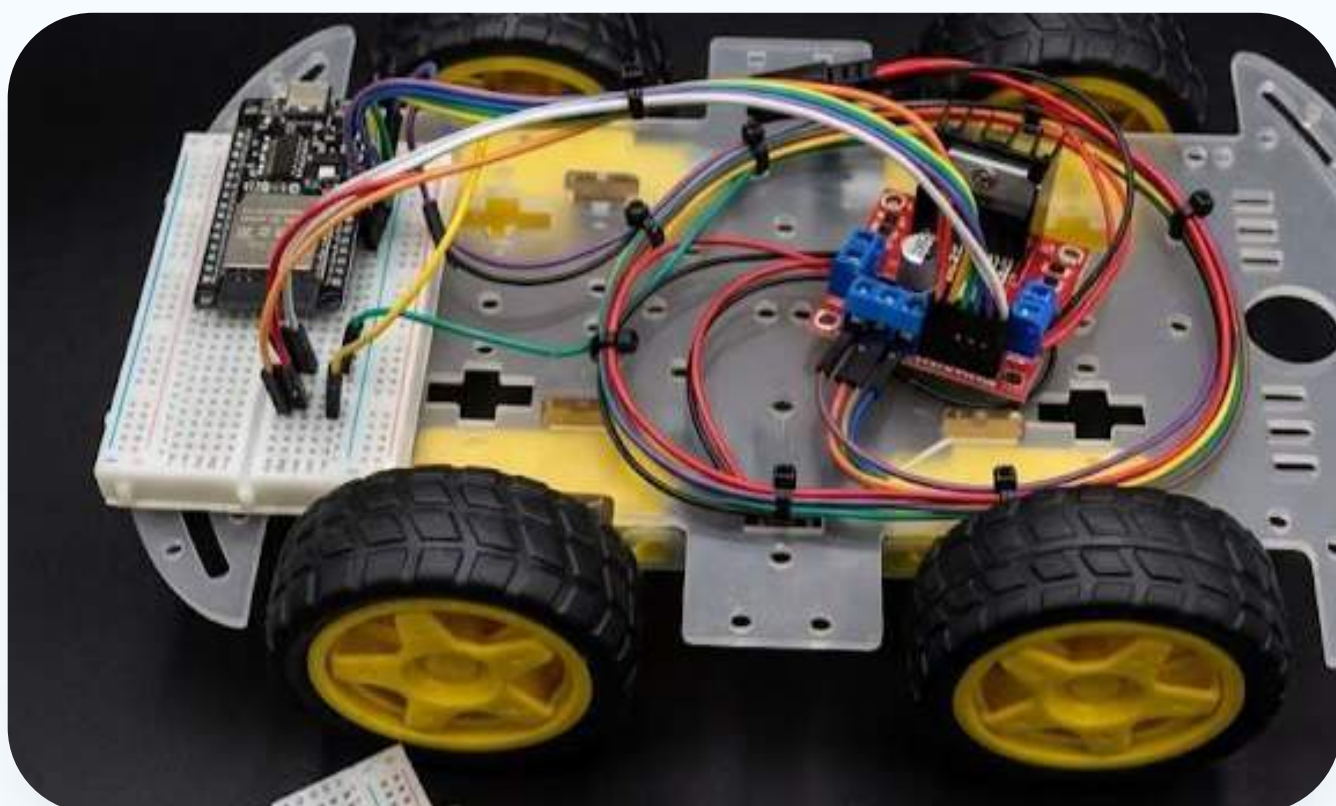
Breadboards, wires, tools, power and safety basics

DIY Kits

Project kits designed for different learning levels.

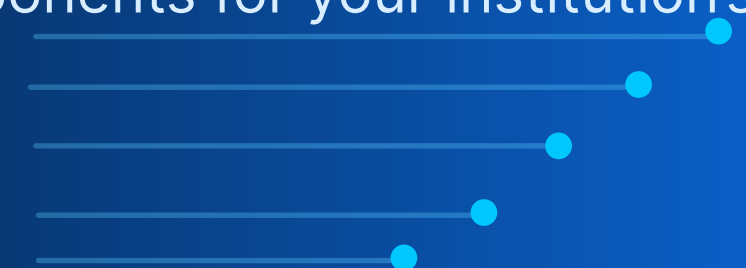
Project Support

Technical guidance and support for robotics, electronics and technology-based projects.



Custom Technology Solutions for Every Institution

Customized kits, project based kits, robotics builds and components for your institution's needs.



REAL STUDENT PROJECTS

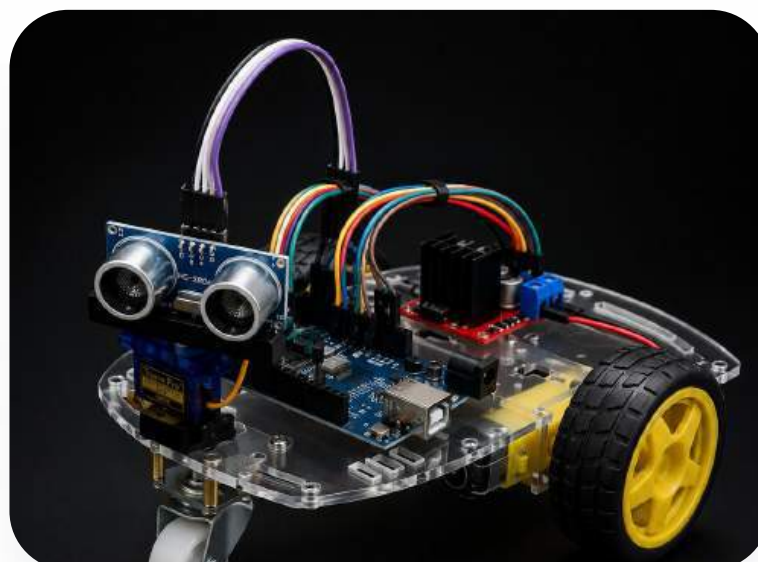
A project gallery built from existing Cross Learning photos

These project examples use the real project image assets already present in this Figma file.



TrackMaster Bot

Builds logic for track detection and autonomous movement.



Path Finder Rover

Teaches obstacle detection, decisions and movement control.



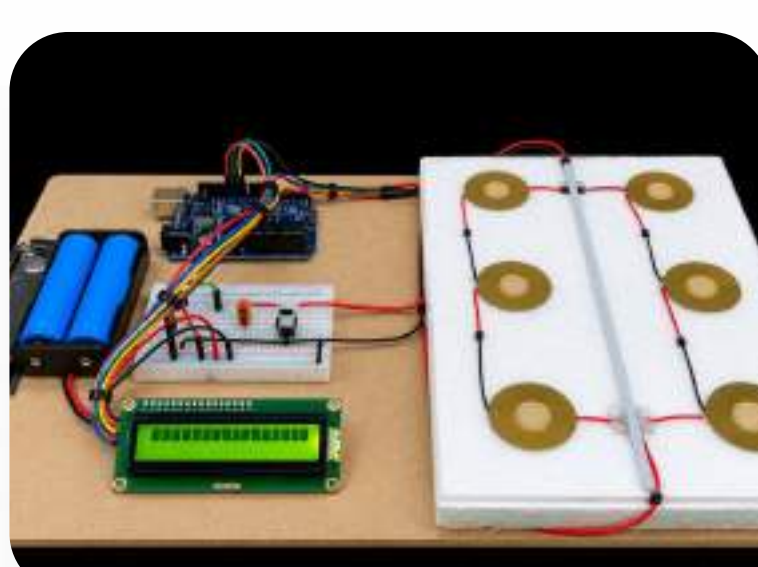
Sun Sync Tracker

Shows how sensors can optimize solar panel direction.



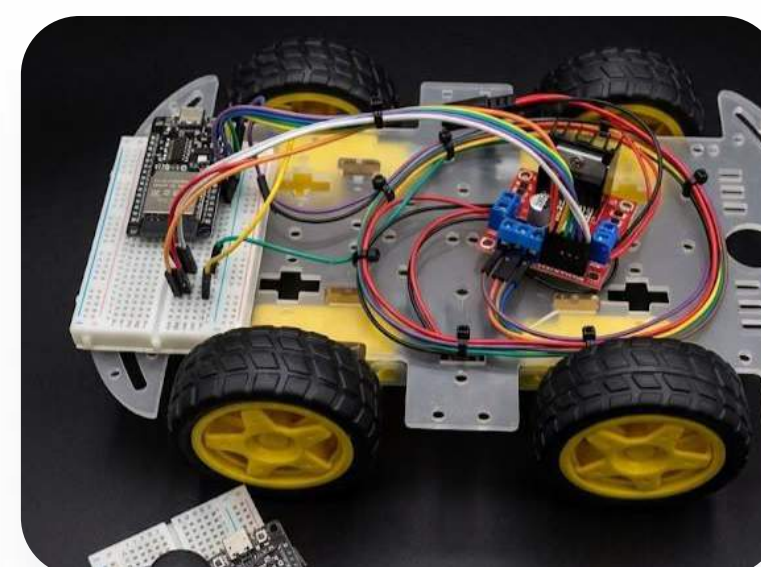
Aqua Smart Irrigation

Connects moisture data to automated water control.



Mini Power Generator

Demonstrates energy conversion through practical assembly.



Robo Drive Car

Turns input control into a working moving robot.



MechaGrip Arm

Programmable mechanical limb mimicking human movements.



Air Drive Rover

Hand-controlled vehicle driven by motion



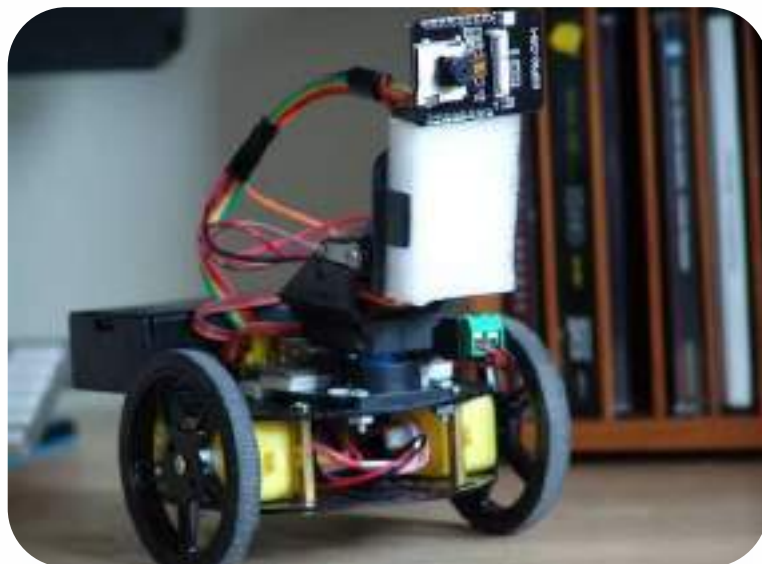
Smart Home Automation

Smart house system controlled remotely.

REAL STUDENT PROJECTS

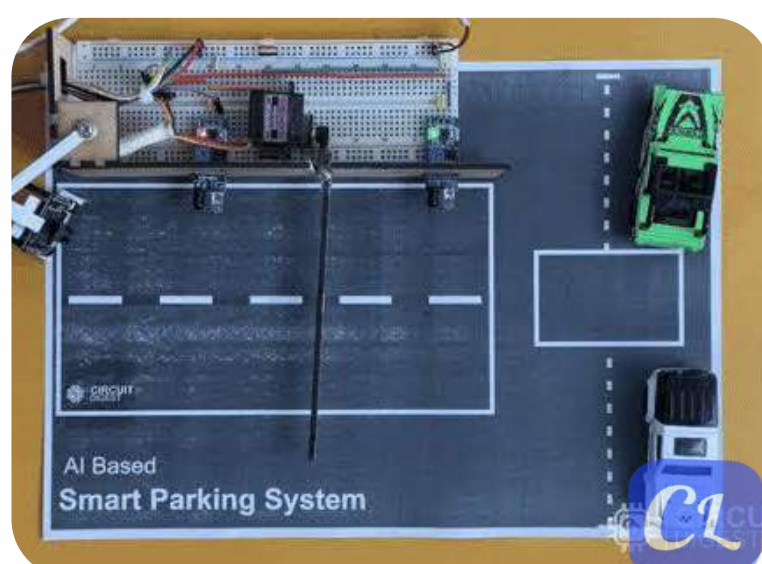
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Vision Guard Bot

Enables real-time video monitoring and surveillance



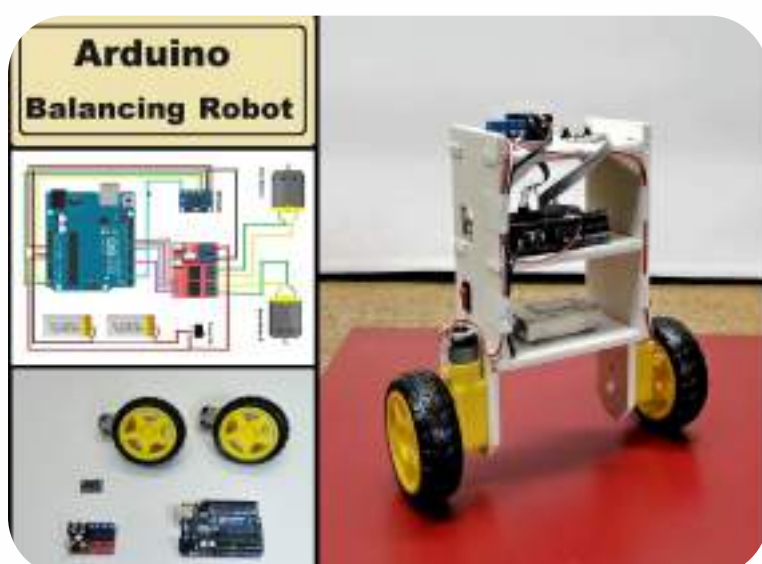
Park Sense

Monitors vehicle entry and exit automatically.



Vote Secure

Registers votes accurately and securely.



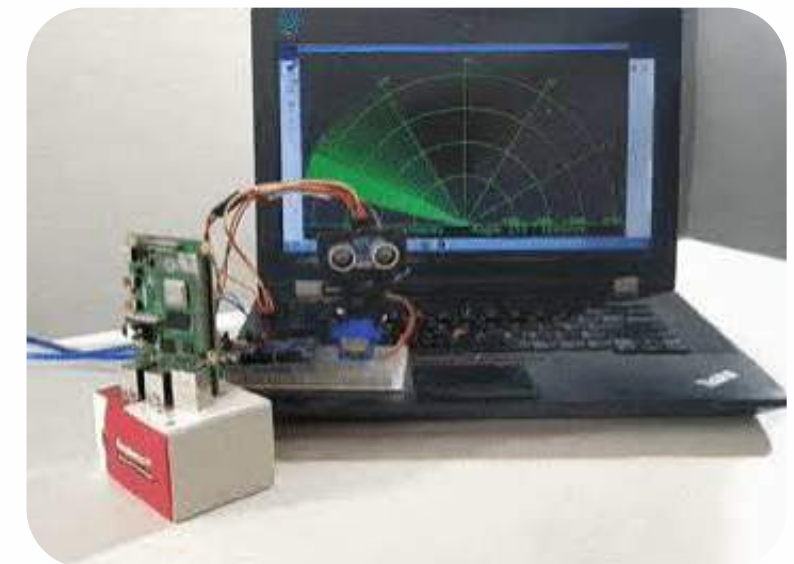
Balance Bot

Maintains balance using real-time sensor feedback.



Follow Me Bot

Follows human with smart movement.



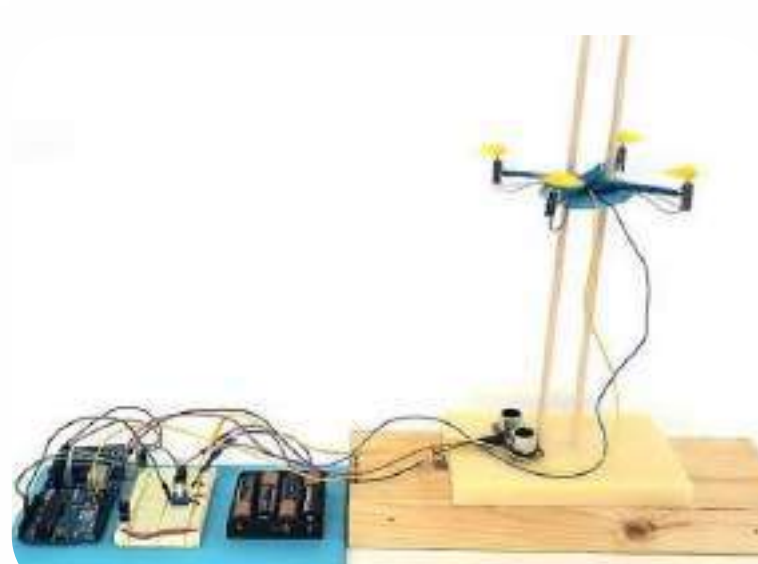
Radar & Shoot

Real-time object detection and tracking.



Secure Tag Lock

Prevents unauthorized access to secured areas.



Sky Pilot

Remote-controlled flying with stable navigation.

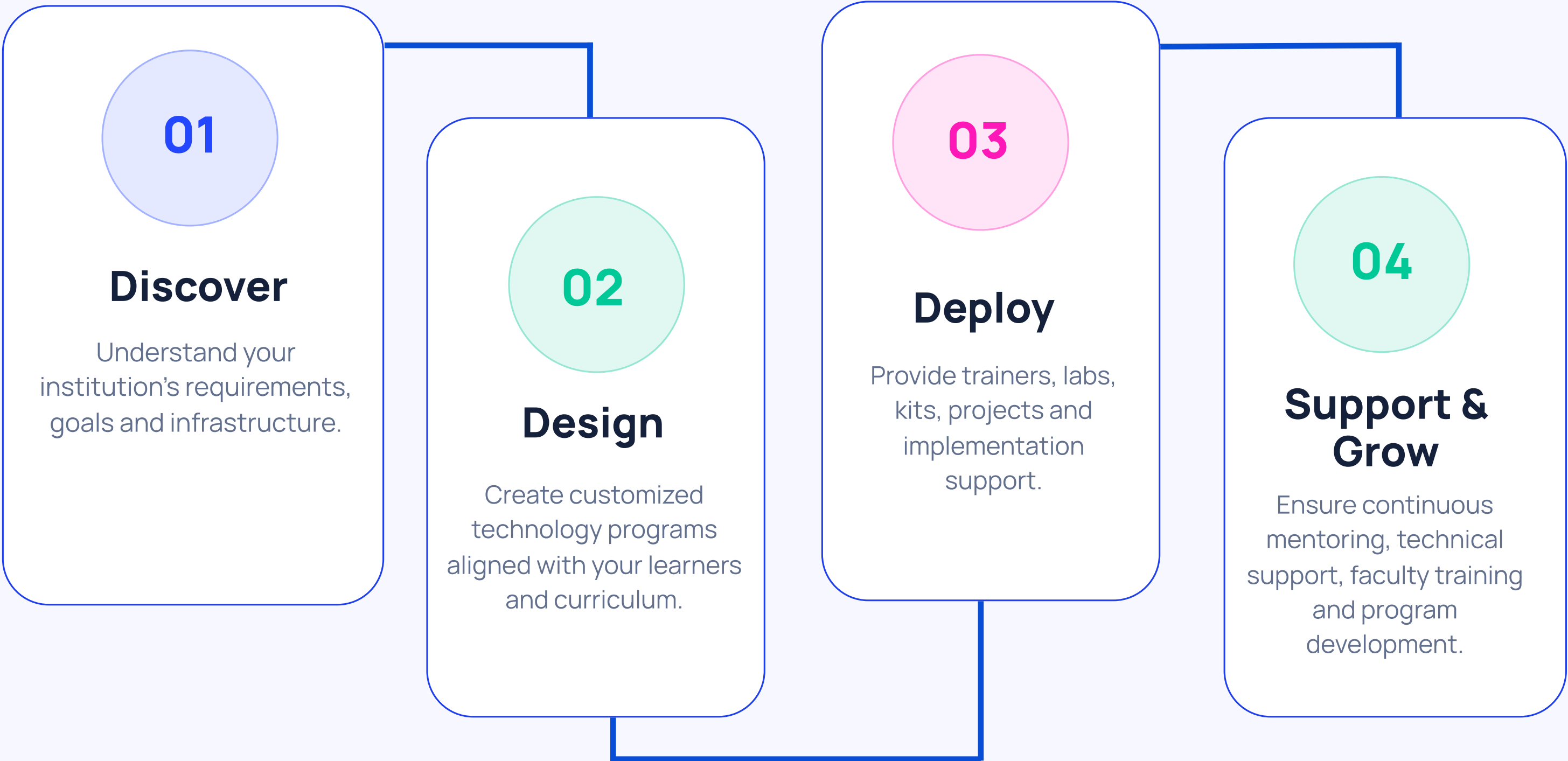


Robo Spider

Multi-legged robot with agile movement.

OUR IMPLEMENTATION APPROACH

A flexible partnership model designed to bring technology, innovation and practical learning to educational institution, project based learning and competition support.



What we provide.

- Certified Trainers
- Curriculum & Content
- Learning Kits
- Ongoing Technical Support
- Faculty Training
- Project Support

Why choose Cross Learning?



- ✓ Hands-on Learning
- ✓ Project based Learning
- ✓ Complete Lab Setup
- ✓ Industry-relevant skills
- ✓ Component Resources
- ✓ Student Certification
- ✓ Structured curriculum
- ✓ Expert Trainer support
- ✓ Continuous Technical Support



LET'S BUILD THE FUTURE OF EDUCATION TOGETHER

Share your target age group, number of students, preferred program track and available lab setup. We will map the right workshop, kit list and learning outcomes.

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Website

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Email

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Location

**156, Floor 1, Tower B2, Spaze IT Park, Sector 49,
122018, Gurugram, Haryana**

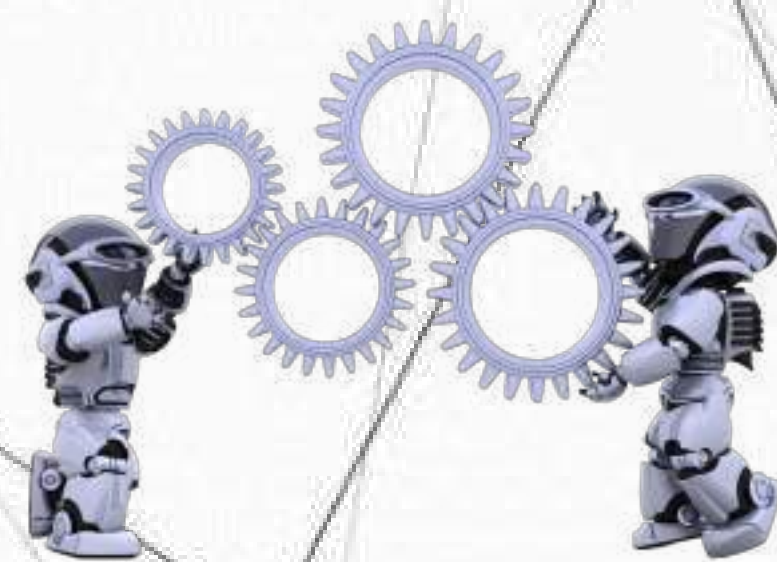
Complete Lab Setup

Expert Trainer Support

Components Resources

Projects & Certificates

STREAM & Education



Cross Learning

Robotics • AI • Coding • Machine Learning • IoT • STREAM

Empowering students to learn, build and lead with future-ready technology.