



TRINETRA BOTS  
Seeing Beyond, Building Beyond

# TRINETRA BOTS

STEM EDUCATION EXCELLENCE

## Building Tomorrow's Innovators Today

Hands-on robotics, AI, and technology programs that empower young minds to design, build, and lead in the age of intelligent machines.

 ROBOTICS

 AI & MACHINE LEARNING

 SCIENCE & ENGINEERING

 CODING

WHO WE ARE

## Seeing Beyond, Building Beyond

Trinetra Bots is a cutting-edge STEM education company dedicated to transforming how young learners engage with technology. Our mission: make robotics and AI accessible, exciting, and impactful for every student.

We believe that the builders of tomorrow's world need to **start building today**. Through our structured programs, students progress from curiosity to confident creators — coding their first robot, training an AI model, or designing a prototype that solves real problems.

With expert mentors, world-class curriculum, and industry-aligned projects, **Trinetra Bots is where futures are engineered.**

2L+

STUDENTS TRAINED

120+

SCHOOLS PARTNERED

15+

EXPERT MENTORS

98%

## OUR PROGRAMS

# Learning Paths for Every Age Group



AGES 6-10 · EXPLORER

## Little Builders

Introduce young minds to block coding, simple circuits, and beginner robotics through play-based learning and guided discovery activities.



AGES 11-14 · BUILDER

## Tech Pioneers

Progress to Arduino, Python basics, sensor integration, and building autonomous robots. Students participate in intra-school competitions.



AGES 15-18 · INNOVATOR

## AI Creators

Advanced coursework in machine learning, computer vision, ROS, and project-based capstones with real-world industry mentors.

## WHAT WE TEACH

# A Curriculum Built for Real-World Impact

## 01 Robotics & Mechanics

Structural design, gear systems, sensors, actuators, and building working robots from scratch.

## 02 Programming & Coding

Block coding to Python to C++ — progressive skill-building in real programming languages.

## 03 Artificial Intelligence

ML fundamentals, computer vision, data training, neural networks, and AI ethics discussions.

## 04 Electronics & IoT

Circuit design, microcontrollers, Arduino, Raspberry Pi, and connected device projects.

## 05 Design Thinking

Problem identification, prototyping, iteration, user testing, and innovation frameworks.

## 06 Competitions & Showcases

Preparation for WRO, FLL, RoboSumo, and national-level STEM olympiads and expositions.

### WHY CHOOSE US

## The Trinetra Advantage



### PROJECT-BASED

Every concept is taught through hands-on builds, not just theory. Students keep what they create.



### COMPETITION-READY

Structured mentorship that prepares students for national and international robotics championships.



### INDUSTRY ALIGNED

Curriculum co-developed with engineers from space, healthcare, and manufacturing sectors.



### FUTURE SKILLS

Critical thinking, collaboration, and adaptability baked into every session alongside technical skills.

### REAL-WORLD APPLICATIONS

## Technology Transforming Every Industry

Students learn robotics in context — exploring how the skills they build apply across the industries shaping our future.

 Healthcare

 Agriculture

 Space Exploration

 Manufacturing

 Environment

 Autonomous Vehicles

 Smart Cities

 EdTech

WHAT PEOPLE SAY

## Voices from Our Community

*"Trinetra Bots completely changed how my child approaches problems. She now breaks every challenge into steps and builds solutions — the robotics mindset transfers into everything she does."*

**Priya Sharma**

Parent · Class 7 Student

*"Our school's science scores and competition results have improved remarkably since partnering with Trinetra Bots. Their mentors are exceptional — technical, patient, and genuinely inspiring."*

**Rajesh Kumar**

Principal · Delhi Public School

*"I never thought I could build a working robot at 12. Trinetra Bots made it feel natural. My AI project at the national olympiad won first place — this program changed my life."*

**Arjun Mehta**

Student · National Olympiad Gold Medalist

*"The curriculum is thoughtfully designed — it's rigorous without being intimidating. Trinetra's approach builds confidence alongside competence. A rare combination in edtech today."*

**Dr. Anita Verma**

STEM Coordinator · International School

## Ready to Build the Future?

Enroll your child today or partner with us to bring Trinetra Bots to your school.

EMAIL US

[trinetrabots1995@gmail.com](mailto:trinetrabots1995@gmail.com)

CALL US

+91 78271 91232

WEBSITE

[trinetrabots.netlify.app](https://trinetrabots.netlify.app)

**TRINETRA BOTS**

Seeing Beyond, Building Beyond

© 2025 Trinetra Bots. All rights reserved.