



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.

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