Robotics Lab Setup in Rajasthan – Complete Guide by RoboSiddhi

Introduction

Rajasthan is witnessing rapid growth in **STEM education, robotics, and skill-based learning**. With the implementation of **NEP 2020**, CBSE and other education boards are encouraging schools to adopt **hands-on, practical learning** through Robotics, Coding, and AI-based education. As a result, **robotics lab setup in Rajasthan** has become an essential step for future-ready schools.

This blog explains the importance of robotics labs in Rajasthan and highlights how **RoboSiddhi** supports schools with complete, reliable, and locally supported solutions.

Why Robotics Labs Are Important for Schools in Rajasthan

Robotics labs help students move beyond textbook learning and develop real-world skills.

Key benefits include:

- Development of logical thinking and problem-solving skills
- Early exposure to coding, electronics, and automation
- Alignment with **CBSE and NEP 2020 guidelines**
- Encouragement of creativity, innovation, and teamwork
- Improved academic value and school brand positioning

Growing Demand for Robotics Lab Setup in Rajasthan
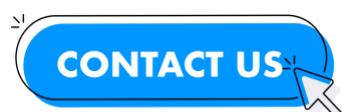
Cities such as **Jaipur, Jodhpur, Kota, Udaipur, Ajmer, Alwar, Bikaner, and Sikar** are seeing increasing demand for:

- Robotics Labs
- STEM Labs
- AI & Coding Labs
- ATL-support learning environments

Schools are looking for partners who can provide **complete lab setup, curriculum, training, and long-term support**, especially with a strong local presence.

RoboSiddhi – Robotics Lab Setup Partner in Rajasthan

RoboSiddhi is a Jaipur-based startup specializing in **Robotics Lab Setup, STEM Education, and AI Learning Solutions** for schools and institutions across Rajasthan.

Why schools trust RoboSiddhi:

- Strong local presence in Rajasthan
- NEP 2020 and CBSE-aligned curriculum
- Student-friendly and practical learning approach
- End-to-end robotics lab solutions
- Continuous academic and technical support

What RoboSiddhi Provides in Robotics Lab Setup
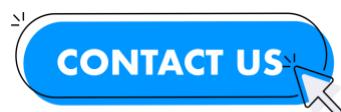
Complete Robotics Lab Infrastructure

- Beginner to advanced robotics kits
- Arduino-based systems, sensors, motors, and controllers
- Coding, AI, and IoT learning modules

Curriculum and Learning Content

- Class-wise structured curriculum (Grades 1–12)
- Project-based and activity-oriented learning
- Student manuals, worksheets, and teacher guides

Teacher Training and Academic Support

- Hands-on teacher training programs
- Demonstration sessions
- Ongoing mentoring and academic assistance

Installation and After-Sales Support

- Lab installation guidance
- Maintenance and troubleshooting support
- Future upgrades and expansion planning

Infrastructure Requirements for a Robotics Lab

Robotics labs do not require complex infrastructure.

Basic requirements include:

- 500–1200 sq. ft. of dedicated space
- Tables, chairs, and stable power supply
- Internet connectivity
- Secure storage for kits and components

Budget for Robotics Lab Setup in Rajasthan

RoboSiddhi offers **flexible and scalable pricing** based on school needs and student strength.

Indicative budget ranges:

- Entry-level robotics setup: ₹20,000 – ₹50,000
- Standard STEM lab: ₹1 – ₹3 lakh
- Advanced AI and Robotics lab: Custom pricing based on requirements

---

Alignment with NEP 2020 and CBSE Guidelines

RoboSiddhi's robotics lab solutions support:

- Experiential and skill-based learning
- Multidisciplinary education
- Design thinking and innovation

- Early exposure to future technologies

This ensures full alignment with **NEP 2020 objectives and CBSE expectations**.

Why Schools in Rajasthan Prefer RoboSiddhi

- Rajasthan-based company with local support
- Faster response and on-ground assistance
- Affordable and customizable solutions
- Deep understanding of school education needs
- Long-term partnership approach

Conclusion

Robotics lab setup in Rajasthan is a strategic investment for schools aiming to prepare students for the future. Schools that adopt robotics and STEM education today will lead tomorrow's innovation ecosystem. With its local presence, NEP-aligned curriculum, and complete robotics lab solutions, **RoboSiddhi** stands out as a trusted partner for schools across Rajasthan.