

Atal Tinkering Lab

Having an Atal Tinkering Lab (ATL) at PM SHRI KV Anna Nagar provides several benefits, including:

Promoting Innovation and Creativity: ATL encourages students to experiment with new ideas and develop innovative solutions through hands-on learning in STEM (Science, Technology, Engineering, and Mathematics).

Skill Development: It fosters critical thinking, problem-solving, and teamwork, helping students acquire 21st-century skills such as coding, electronics, and robotics.

Fostering Entrepreneurial Mindset: By working on real-world challenges, students learn to take initiative and think like entrepreneurs, potentially leading to startups or innovative projects.

Boosting Academic Performance: Engaging in practical experiments enhances students' understanding of theoretical concepts, improving overall academic performance, especially in science and technology subjects.

Building Technological Competence: With exposure to technologies like 3D printing, IoT, and AI, students become better equipped for future careers in the tech-driven world.

Collaboration and Leadership: ATL provides a platform for students to collaborate, share ideas, and take leadership roles in group projects, enhancing their interpersonal and leadership skills.

Alignment with NEP 2020: ATL aligns with the National Education Policy's focus on experiential learning, promoting a more holistic education.