Tinkering Laboratory

The **Tinkering Lab** is an innovation-driven facility established to foster creativity, problem-solving skills, and hands-on learning among students. It provides an open environment where students can transform their ideas into working prototypes through experimentation, design, and fabrication. The lab is equipped with electronic components, sensors, microcontroller development boards, IoT kits, soldering stations, power supplies, testing instruments, and prototyping tools.

The primary objective of the Tinkering Lab is to encourage students to explore emerging technologies, develop innovative solutions to real-world problems, and promote interdisciplinary project development. The facility supports activities such as circuit design, embedded system development, IoT applications, robotics, product prototyping, and startup-oriented innovations.

Students utilize the Tinkering Lab for mini-projects, major projects, hackathons, technical competitions, and research activities. The lab promotes experiential learning, teamwork, critical thinking, and design thinking methodologies. It serves as a platform for nurturing innovation, entrepreneurship, and industry-ready skills while complementing the academic curriculum.

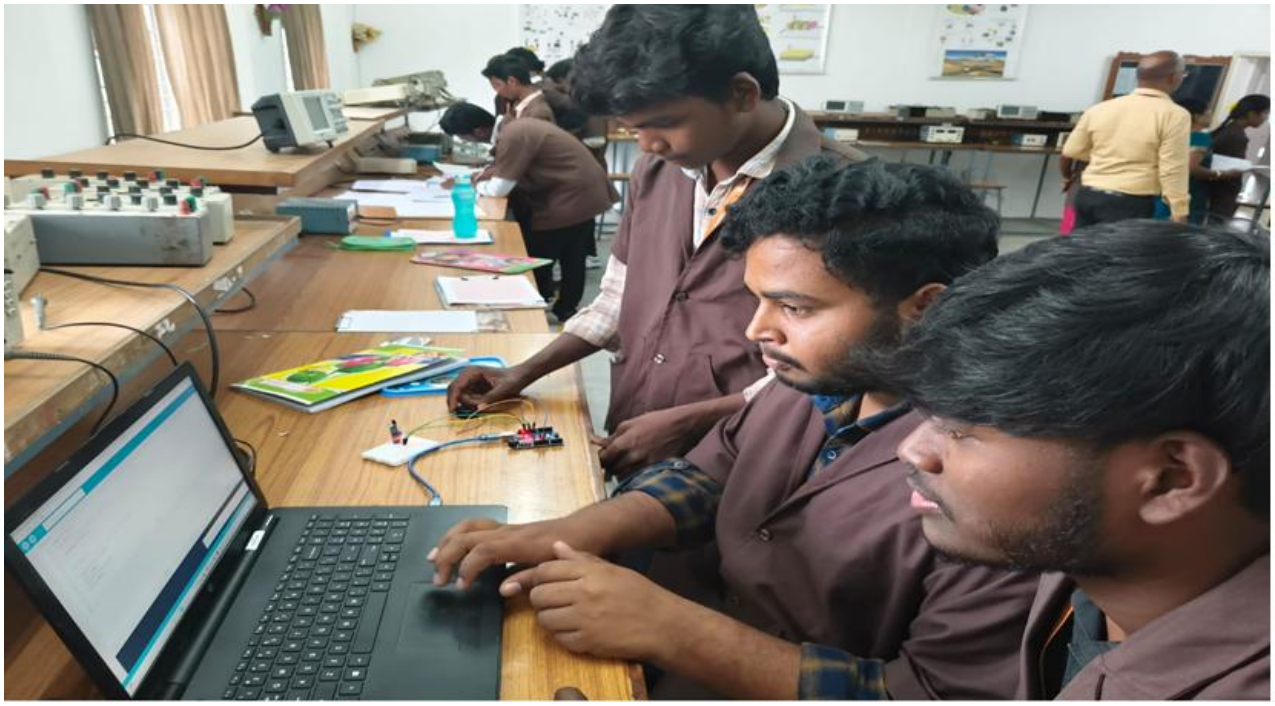


Figure -Tinkering Laboratory