

## Report-Vidyanjali Project

On 30th November 2024, 17 students from Government Middle School, Kotha Bhour, visited the Atal Tinkering Lab at Army Public School Jammu Cantt. The session began with a basic introduction to circuits, explaining essential components and their functions. Students then designed simple circuits on Tinkercad, gaining familiarity with virtual circuit creation. Building on this, the concepts of series and parallel circuits were introduced through a hands-on activity where students simulated the circuits by physically standing in series and parallel arrangements. They further reinforced their understanding by designing virtual series and parallel circuits on Tinkercad. Moving to practical application, students assembled series circuits using batteries, wires, and LEDs under guidance. They also learned how to use a multimeter to measure battery voltage and test LEDs, enhancing their troubleshooting skills. The session concluded with refreshments, leaving students inspired and engaged while strengthening their knowledge of basic electronics.

