

# Atal Tinkering lab Community Day Celebration

**Date – 12-04-2024**

**Venue- Kendriya Vidyalaya F.R.I  
Dehradun**

**Principal Name - Mr. Hanumant Singh**

**ATL INCHARGE – Mr. Sandeep Kumar**



# What is an Atal Tinkering Lab ?

- ▶ An Atal Tinkering Lab (ATL) is a workspace for students that fosters innovation and creativity. Established under the Atal Innovation Mission, these labs provide students with access to cutting-edge tools, technologies, and mentorship. ATLs encourage hands-on learning and experimentation, allowing students to develop skills in science, technology, engineering, and mathematics(STEM) fields. Through these labs, students can turn their ideas into tangible projects and gain practical experience.



Our School Principal, Mr. Hanumant Singh, visited the ATL lab and shared valuable tips with the students. His insights and guidance motivated them to pursue innovative projects and further developed their skills in the lab”



- **Innovation and creativity among students**

1 -Class 6<sup>th</sup> and 7<sup>th</sup> students developed an innovative project focused on Army Cotonment and traffic light signal, showcasing their problem-solving skills and creativity. This hands- on experience not only enhanced their understand but also prepared them for real- world challenges.



Class 9<sup>th</sup> students developed an innovative project focused on Army Cottonment and traffic light signal, showcasing their problem-solving skills and creativity. This hands-on experience not only enhanced their understand but also prepared them for real- world challnges.



Class 6<sup>th</sup> students developed an innovative project focused on Army Cotonment and traffic showcasing their problem-solving skills and creativity. This hands- on experience not only their understand but also prepared them for real- world challenges •



Our Students participated in state-level technofest at DIT University Dehradun, earning certificates for their outstanding contributions. Their active engagements at the event highlight their growing expertise and passion for technology



1 - Our students created an AI- based project that showcase their advanced skills in technology and innovation. The Project was observed and appreciated by the KVS Dehradun Deputy Director who commended the students for their exceptional work. This recognition underscores the potential to contribute meaningfully to society.

## Deputy Director visit





- **Achievement and Impact**

1 Our Students excelled at the state-level science exhibition organized at Kendriya Vidyalaya OFD, earning both 1<sup>st</sup> and 3<sup>rd</sup> prizes. Their achievements reflect their hard work, innovative thinking, and dedication to scientific exploration. The students success brings pride to our institution and highlights their potential in the field of science and technology.



- **Mega Tinkering day**

1- All india mega tinkering day was celebrated in our School KV F.R.I on 05.12.2023. A large no. of Students actively participated in the event and made a project guided by the event expert. The students were very enthusiastic and jubilant regarding the event. It was a wonderful experience as the students got a chance to participate in the event along with different students and teachers of our country and got a first hand experience and learned a lot.



THANK YOU

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the frame, with some extending towards the left. The overall composition is clean and modern.