

**Club project spotlights :** Club Quantum Verse presents the Piezoelectricity Project, showcasing how simple pressure can create clean electrical energy, a creative blend of science, innovation, and hands-on learning.

# Quantum Verse



**Student Voices :** "Piezoelectricity is the universe's elegant reply to pressure: instead of a sigh, it gives you a spark." ~Pavleen Kaur  
"Piezoelectricity taught me that even materials have a voice when you know how to press them." ~Kanav Malhotra

# Project Report and Skill Development

## DEEPERDIVE

Yashika Sachdeva - 10/12/2025



**Project Goals:** It shows how a small press can spark clean energy, turning the piezoelectric effect into an exciting peek at future technology.

**Process/ Steps:** A handprint becomes an energy switch: sensors beneath it capture pressure and instantly send a glow to the LED.

**Skills Learned:** The project boosts inventive thinking, teamwork, and the ability to build simple circuits that turn motion into electricity.

### Challenges and solutions :

The setup often lost power because of uneven pressure and loose wiring, but careful repositioning of the sensors, steady pressure adjustments, and firmer connections restored smooth and reliable energy flow.



### Meet the Team :



Simran- 11B



Kanav Malhotra- 9A



Prabheya- 9A



Simerpreet Kaur- 11B



Amandeep Kaur- 9A



Pavleen Kaur - 9A

**Club Name:**

Quantum Verse

**Motto**

Redefining Energy through chemistry

**Manager**

Yashika Sachdeva