

Quantum Verse

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

Club Name:
Quantum Verse

Motto
Redefining Energy through chemistry

Manager
Yashika Sachdeva

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



Prabhaya- 9A



Simerpreet Kaur- 11B



Amandeep Kaur- 9A



Pavleen Kaur - 9A

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