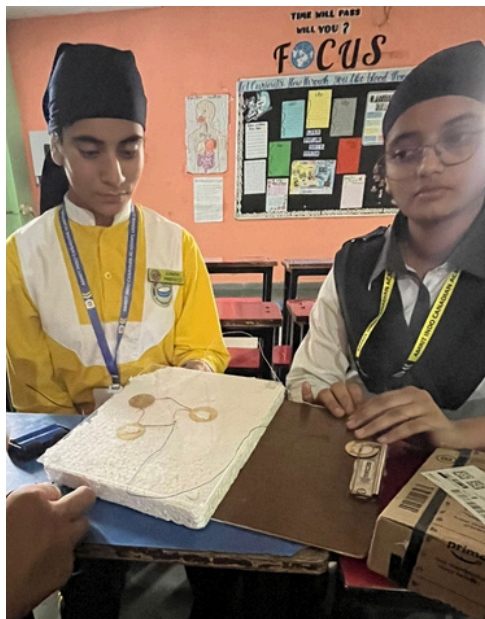
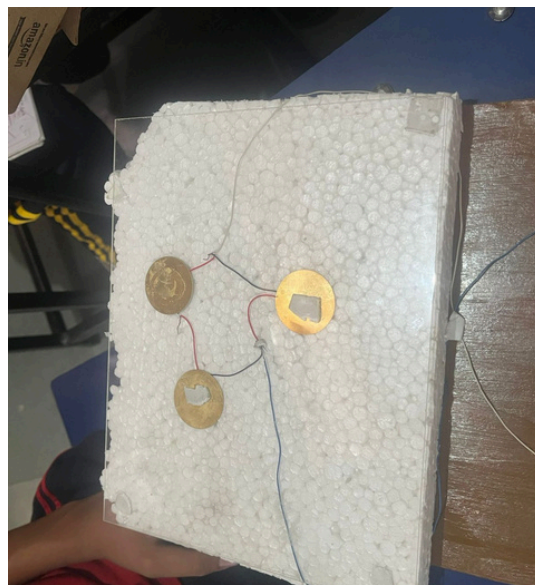


- Club project spotlights :
- Our project is a small sample model based on piezoelectric energy.
  - The sample shows how pressure from a handprint can produce electricity using piezoelectric sensors.

# Q

## uantum Verse



- Student Voices :
- Amandeep Kaur- "Making this sample helped me understand piezoelectric energy and basic circuit connections practically."
  - Prabheya- "This sample project taught me how pressure can be converted into electrical energy."

# Project Report and Skill Development

Yashika Sachdeva- 09/05/26



- Project Goals:**
- To prepare a working sample based on piezoelectric energy generation
  - To understand the basic concept of piezoelectricity through practical learning
  - To demonstrate how hand pressure can produce electrical energy

- Process/ Steps:**
- We first studied the reference video and understood the basic concept of piezoelectricity.
  - The required materials like piezoelectric sensors, wires, LEDs, cardboard, and glue were collected.
  - The sensors were connected with LEDs through simple wiring to test the energy generation.
  - The sample was tested by applying pressure on the handprint area and improvements were made where needed.

- Skills Learned:**
- Teamwork and cooperation
  - Basic circuit connection skills
  - Creative thinking and model designing

## Challenges and solutions :

Fixing the sensors properly under the handprint was difficult.

**Solution:** We used support material to keep the sensors stable in the sample model.



## Meet the Team :



Simerpreet Kaur- 12B



Kanav Malhotra- 10A



Prabheya- 10A



Simran- 11B



Amandeep Kaur- 9A

**Club Name:**

Quantum Verse

**Motto**

Redefining Energythroughchemistry

**Manager**

Yashika Sachdeva