

Club project spotlights :

Our project, “Harnessing Energy Using Bioluminescence,” explores how naturally glowing organisms like fireflies and jellyfish can inspire sustainable lighting solutions. The model highlights the importance of eco-friendly energy and demonstrates how nature can help create innovative technologies for the future.



Student Voices : “This project taught us how nature can inspire eco-friendly energy solutions in an innovative and creative way.”

Club Name:
Light Explorers

Motto:
Chasing the spectrum

Manager:
Amardeep Kaur



Project Goals: To explore how bioluminescence can be used as an eco-friendly and sustainable source of lighting energy inspired by nature.

- Process/ Steps:**
- Researched the concept of bioluminescence and its applications.
 - Designed and created a working model to demonstrate sustainable lighting.
 - Arranged materials and explained the scientific concept through the model.

- Skills Learned :**
- Scientific research and observation
 - Creativity and model-making
 - Teamwork and presentation skills

Challenges and solutions :

Challenge: Understanding the working of bioluminescence

Solution: Studied examples from nature and simplified the concept through diagrams and demonstrations.



Meet the Team :



**Aashna
X-D**



**Tanya
IX-G**



**Gurleen Kaur Bhangu
IX-G**



**Jaskaran Singh
VII-D**



**Jasleen Saini
VII-G**