

Training Day 15 Report:

Date: 15 July, 2025 (Tuesday)

Location: PG Block HPC Lab

Topics Covered:

- Assembling Complete Solar Flower
- Securing & Arranging Petal Wiring

Tools / Platforms Used:

- Solar panel petals
- Mounting base
- Insulation tape, glue gun, cable clips

Tasks Performed:

- Assembled all soldered petals on a sturdy circular base as shown in the poster illustration (6-petal “flower”).
- Routed each panel’s wire neatly to the center for future electronics connection.
- Double-checked that all panels had the same polarity/orientation. Mechanically secured panels for both function and appearance

Project Work:

- Finished the iconic “sunflower” look with real, working solar petals.
- Ready for integration with ESP32 and motor driver systems.

Reflections:

Bringing all the petals together was extremely satisfying. Good wiring and secure mounting now make final systems integration much easier.