**ACTIVITY LOG FOR THIRD WEEK**

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| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| Day-1 | Visiting a village | We visited Mypadu(4th mile), Nellore district to interact with people to know more. |  |
| Day-2 | Introduction to Solar panels and cost of a Solar panel | Solar panel systems can bring many advantages to rural villages, including **improved access to electricity, reduced energy costs, and economic opportunities.** The average cost of a solar panel in the  U.S. ranges  between **$17,350** and **$38,000**, depending on location. |  |
| Day-3 | Advantages of Solar panels | * Reduction of Electricity Bills * Low Maintenance * Environmentally Friendly * Job Creation |  |
| Day-4 | Crops grown using Solar panels | -Leafy green vegetables like cabbage and broccoli  -Berries like strawberries, blueberries  -Root vegetables |  |
| Day-5 | Factors influencing Solar panels | >Climatic conditions  >Location and orientation  >Temperature  >Weather conditions  >Inverter efficiency |  |
| Day-6 | Conclusion | We finally understood about solar panels by interacting more we known about what crop can be cultivated and advantages of solar panels. |  |

WEEKLY REPORT

Week-3 (From dt: 27-05-2024 to dt: 01-06-2024)

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| **Objective of the Activity Done: Utilization of free electricity to farmers and related issues***.* |
| **Detailed Report:** |
| On day-1:   * On this day our team visited 4th mile in the Nellore district and conducted survey. * The fields growing here are very vast in area and greenery finds everywhere. * And started asking people about their way of growing. |
| On day-2:   * After conversation with farmers, we came to know that solar panels systems are somewhere used. * Farmers can generate electricity for their own purposes i.e., water motors. * Average cost ranges from Rs.35,000 to Rs.55,000 for installation. |
| On day-3:   * We questioned them what advantages are by solar panels. * We understand that it reduces electricity usage, eco-friendly, easy maintenance. |
| On day-4:   * We asked what type of crops are grown by using solar panels. * They said,” We grow leafy vegetables, cabbage, root vegetables.” |
| On day-5:   * We surveyed about factors that influence solar is: * Climatic conditions, temperature, weather conditions, location. * We came to conclusion of usage of solar panels and profit for the farmers |
| On day-6:   * We finally understood that, the working of solar panels, their cost and type of crops grown and factors. * And finally, we submitted this week report to our respected guide. |







