**ACTIVITY LOG FOR SECOND WEEK**

|  |  |  |  |
| --- | --- | --- | --- |
| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| Day-1 | Visiting a village | We visited North Rajupalem, Nellore district to interact with people to know more. |  |
| Day-2 | Introduction of Electricity | Agriculture is the art and science of cultivating the soil, growing crops and raising livestock. |  |
| Day-3 | Uses of electricity in farming | >Motors  >Sprinkle Irrigation  >Drip irrigation |  |
| Day-4 | Usage of motor | The motors are used to power a variety of machinery, including plowing, tilling, and harvesting equipment. |  |
| Day-5 | Usage of electricity in a day | On an average a village called Rajupalem has a total electricity  demand of approximately 1,826 kWh per day. |  |
| Day-6 | Importance of electricity for a particular crop | Paddy fields require consistent water supply for optimal growth. Electric pumps and tube wells powered by electricity facilitate efficient irrigation, ensuring that  the crop receives adequate water throughout its growth cycle. |  |

WEEKLY REPORT

Week-2 (From dt: 20-05-2024 To dt: 25-05-2024)

|  |
| --- |
| **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 Rajupalem in the Nellore district and conducted survey. * The village is known for its traditional farming practices. * We identified area is fertile and well-suited for growing a variety of crops due to the favorable climatic conditions. |
| On day-2:   * We then started to know about farming and conditions that they grow. * We observed, farming in Rajupalem is characterized by a mix of traditional and modern agricultural practices. * We observed the fertile soils and favorable climatic conditions make Rajupalem an   ideal location for diverse agricultural activities.. |
| On day-3:   * We asked them how they use electricity for their purposes. * We came to know, some farmers use electricity for drip and sprinkler irrigation. * And electric threshers to separate grains from the harvested crops, saving time and labour. |
| On day-4:   * We noticed motors are critical component in modern farming. * We questioned them regarding usage of motors. * Motors are extensively used to power electric water pumps, which draw water from wells, canals, and tanks to irrigate fields. |
| On day-5:   * We surveyed how often they use electricity for a day. * We gathered information is that, electricity is good for one time a day and not for another time. |
| On day-6:   * We observed mostly that, paddy is the most common growing crop in Rajupalem. * For this they use electric water pumps, drip and sprinkler systems in giving most importance to electricity * And finally, we submitted this week report to our respected guide. |





