**ACTIVITY LOG FOR SIXTH WEEK**

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| **DAY**  **& DATE** | **BRIEF DESCRIPTION OF THE DAILY ACTIVITY** | **LEARNING OUTCOME** | **Person In-charge Signature** |
| Day-1 | How essential is electricity to farming activities? | Electricity plays a key role in the agricultural sector as it is used for powering a wide range of equipment and systems that facilitate production. Electric pumps are used to supply the water for irrigation and lighting for the crops. |  |
| Day-2 | Who started giving free electricity to farmers in India and Andhra Pradesh? | In India, Prime minister Narendra Modi started giving free electricity to farmers on February 15,2024.  In AP, Dr. Y. S. Rajashekhar Reddy started giving free electricity to farmers. |  |
| Day-3 | Which irrigation is best in between Drip and sprinkle irrigation? Which consumers less electricity in between them? | Between drip irrigation and sprinkler irrigation, the choice depends on various factors including crop type, soil type, climate, and water availability. However, regarding electricity consumption, drip irrigation generally consumes less electricity compared to sprinkler irrigation |  |
| Day-4 | How much electricity a farmer consumes per a day in India? | On average, an Indian village has a total electricity demand of approximately 1,826 kWh per day. |  |
| Day-5 | What is the average electricity bill in farming per day? | On an average a farmer gets 210 rupees as an electricity bill per day. |  |
| Day-6 | What will be the impact on villages if there is no electricity? | The impact on villages without electricity can be significant and wide-ranging, affecting various aspects of daily life and development: such as Quality of life, Education, Economic development, connection and connectivity etc |  |

WEEKLY REPORT

Week-6 (From DT: 17-06-2024 to DT: 22-06-2024)

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| **Objective of the Activity Done: Utilization of free electricity to farmers and related issues***.* |
| **Detailed Report:** |
| On day-1:   * After surveying all about sources of electricity used by farmers, this day we surveyed about how electricity is essential to farmers, and who started this scheme, etc. * We understood that electricity plays a key role and widely used. * Mostly water motors are used more under electricity usage. |
| On day-2:   * During our survey we wanted to know how, when and by whom this scheme was started. * We came to know that, in India Prime minister Narendra Modi started giving free electricity to farmers on February 15, 2024. * In AP, Dr. Y. S. Rajashekhar Reddy started giving free electricity to farmers. |
| On day-3:   * Regarding the usage of electricity we compared the use of electricity in drip and sprinkle irrigations. * Both are used based on the fertility of land, crops, and water availability. * While during electricity drip consumes less electricity compared to sprinkle irrigation. |
| On day-4:   * We gathered overall usage of electricity in India through online. * An Indian village has a total electricity demand of approximately 1,826 kWh per day. * In Andhra Pradesh they consume averagely 17,905 MW. |
| On day-5:   * We researched on how much electricity bill farmers get per day for irrigation. * On an average a farmer gets 210 rupees as an electricity bill per day. |
| On day-6:   * We ourselves questioned, what if there will be no electricity for farming. * Electricity in farming developed the amount of crops, save time and make connectivity outside world. * At final we completed this week report and submitted it to our respected guide. |

 

