



UNNAT BHARAT ABHIYAN, IIT BHUBANESWAR



A

BRIEF SURVEY REPORT

FOR

SOLAR STREET LIGHTS

AND

IMPLEMENTATION OF DRIP IRRIGATION SYSTEM

IN

PODAPADA, KHUDUPUR, ARGUL, KANSAPADA, AND

PADANPUR

By:

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1. Podapada

Surveyors: Rohit and B. Vijay Sai

(i) Solar Street lights Survey

- Following are the surveyed locations for the solar street lights.

1. <https://maps.app.goo.gl/1VXJJ94jJSJA4ka8A>



2. <https://maps.app.goo.gl/nHdc7gWdhfiiEKgv8>



3. <https://maps.app.goo.gl/5iKbdHZbQZ9Y73WB9>



(ii) Drip Irrigation Survey

- **Source of Irrigation:** Rain water (mostly) and one villager is already using drip irrigation.
- **Crops:** Rice, lentils and vegetables.
- **Interested** in the drip irrigation system.
- **Villagers surveyed:**
 1. Abgash Chasmal (8018136923)
 2. Ananth bari (9439647742)
 3. Parasuram (**already using drip irrigation and got more yield**)
 4. Lakshmi Dash Sahoo
 5. Abhimanyu Raudra (8144136799)



2. Khudupur

Surveyers : Krishna , Swastik and Harsh.

(i) Solar Street lights Survey

- The identified various locations for installing Solar lights:

1. <https://maps.app.goo.gl/oaMZ6DVKVPgnvRKGA>



2. <https://maps.app.goo.gl/T5Mq3TbyaBnqpuHd6>



(ii) Drip Irrigation Survey

- There are few farmers left in the village and most of the irrigation field is barren.
- There is less availability of water sources.



3. Argul

Surveyers: Sukumar and Sanjeet Swaraj

(i) Solar Street lights Survey

1. <https://maps.app.goo.gl/3rpJANNXcPuNAFof7> (Link to four different suitable locations of solar street lights).

(ii) Drip Irrigation Survey

- Farmers willing to have good irrigation facilities and **interested in drip irrigation** to increase their productivity.
- They mostly do **mixed crop** cultivation and other crops like **rice cultivation** majorly.
- **Source of Irrigation:** They are particularly dependent on natural sources.



4. Kansapada

Suveryors: Rajesh and Shobhan

(i) Solar Street lights Survey

1. <https://maps.app.goo.gl/FGuRtT2STJB42TNt6>



2. <https://maps.app.goo.gl/YCnBhExrNvRg1B518>



(ii) Drip Irrigation Survey

- **Source of Irrigation:** Rain water (mostly) and well water.
- **Crops:** Rice (majorly) and vegetables in winter.
- All the surveyed villagers are **interested** in drip irrigation for their crops.
- **Villagers surveyed:**
 1. Ramesh Nayak (9777786562)
 2. Basanti Behera (6372429198)
 3. Prabhakar Dasa and Laxmidhar Das
 4. Kanhu Charan Behera (8114683037)



Z



5. Padanpur

Surveyers: Rajesh and Prem Raj

(i) Solar Street lights Survey

- The successfully surveyed locations for 2 solar street lights:

1. <https://maps.app.goo.gl/zGbn71qroT8Js3xw7>

2. <https://maps.app.goo.gl/dk2gESpJuPf31Skq7>



(ii) Drip Irrigation Survey

- **Source of irrigation:** Rain water
- Also many people maintain their livelihood by storing water in wells.
- **Interested** in drip irrigation.

