



Progress report of Awalkhera Cluster

Objective – Holistic development of cluster using eco-friendly sustainable technologies and local Resources creating sufficient opportunities in the process by developing necessary mechanism and Proper coordination among educational institutes ,implementation agencies (District Administration/ Panchayati Raj Institutions) and local stakeholder for effective intervention at field level.

1.Solar Cold Storage Awalkheda

- **Location – Gayatri Mandir Parisar Anwakheda, Agra, Uttar Pradesh.**

- **Background**

In Awalkheda Cluster main agriculture product is potato ,wheat, & bazra out of these potato need to store in a cold environment for these there are so many commercial cold storages at Awalkheda we installed a renewable energy operated cold storage where in first year we tested by storage of potato later we also stored Horticulture product of some local villager at free of cost, one of the objective of Installation of solar cold storage is to promote cultivation of other Horticulture product other than potato.

- **Features: -**

- Presently its temperature is 4 degree Celsius and relative humidity is 90%.
- The storage system maintained the temperature and relative humidity as per the set value.
- Solar power, thermal storage energy and grid performance of the system was satisfactory.

This solar cold storage is financed by Brunel University London; 03 Scholar of IIT Delhi was involved in this project.

Impact

Solar Cold storage was installed in Feb. 2022 after that many farmer and vegetable and fruit seller stored their fruit and vegetable in cold storage due to this shelf life of their fruits increases, the stored item can be sold for higher time duration.



2. Mushroom Cultivation training details

Cluster – Anwalkheda District – Agra

Dated- 14 th to 16 th Feb. 2022

Participants – Farmers – 22, Students – 195

Community based organisation – Akhil Bishv Gaytri Pariwar

Chief speaker on 15 th Feb. – Prof. V.K. Vijay

Chief Guest – Chief development officer (IAS), Agra and Vice
chairmen (IAS) Agra development Authority

Mushroom Cultivation

Mushroom cultivation is a technical process. This process can be divided into five phases:

composting, spawning, casing, pinning and harvesting. After analysing the possible intervention for the cluster, UBA has come up with the option of Mushroom cultivation for interested people of the area to improve their economic condition. As a part of the process, interested people, mostly youths were identified and listed. Among them 117 people took the training that was provided at Akhil Bishwa Gayatri Parisar, The people who got the training is very much hope full for the project and is ready to undertake the mushroom cultivation. They are planning to form a group amongst themselves and help each other in production and market it together.

3. Water conservation under catch the rain initiative

A. With the help of Gram Pradhan Awalkheda pond dug near Gayatri Ashram in May 2022 under initiative catch the rain when it falls where it falls due to this ground water level increase significantly near adjacent area.



B.

- . 3 to 4 Labor took from Pradhan of Awalkheda for digging of pit
- Pit dug at various villages of Awalkheda
- Under initiative catch the rain when it falls & where it falls.

- Later water accumulated in these pit also checked.

a. Picture during digging at Agrapur village



b. picture after complete digging



c. Picture after water accumulation



4. Tulsi Mala making training for capacity building

- One-day Training organized
- Topic-Tulsi mala making training.
- Dated 26/08/2022 (1 day).
- Objective- provided to local community of Awalkheda for capacity building.
- Resource Person – Mr. Dharmendra of Jait Village Mathura.
- Trainee- Local community 20 no.(8 female,12 male)



5.Sustainable Agriculture

- Former motivated for integrated farming.
- They planted various plant between farm.
- Such as Guava, Mango & Back –berry.
- Dated 26/07/2022 (1 day).
- Awareness of Organic forming provided.



6. Infrastructure.

- Issue- In Gadigafuji village there is no proper drainage.
- Resolution- discussed with Gram Pradhan shri Ravinder singh chouhan.
- They constructed Cemented drainage.



7.Extra Classes in Govt. School

- To improve school education.
- one youth was identified in Naglable village.
- one in Agarpur village for teaching to Student of Primary and Middle school, Beyond the timing of school.



8.Rural Energy system

On visiting Naglabel and Gadibazra village It was found that Installed solar street light was not working properly by coordination with team of maintenance staff it was made operational.



9.Awareness of Organic forming

- On dated 20/11/2022 (one day)
- In Atmadpur Block a Campaign of Awareness of Organic forming done Along with Nari Shakti SHG and BMM of Atamadpur.



