

- 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 institutions, implementation agencies (District Administration/Panchayat Raj Institutions) and local stakeholder for effective intervention at the field level.
- Places visited during UBA exposé –Gayatri Parisar Awalkheda, Murlidharpur, Agapur, Gadifauji, Gadibazra, Naglabel village, Atmadpur and Khandoli block and other 16 villages of cluster, CDO Office Agra, jait village Mathura.

1. Solar Cold Storage Awalkheda

- **Location – Gayatri Mandir Parisar Awalkheda, 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
- In past months we stored Pomengrate , sweet lemon, Apple of some fruit seller of weekly haat, we also stored Corriander and lady finger of some vegetable seller in coming month as temperature will rise it is expected that more local people and fruit and vegetable seller will store their product in cold storage.



2. Water conservation under catch the rain initiative

- 3 to 4 Labor took from Pradhan of Awalkheda
- For digging of pit
- Pit dug at various villages of Awalkheda
- For initiative catch the rain when it falls & where it fall.
- Later water accumulated in these pit also checked.

1. Picture during digging



2. Picture after complete digging



3. Picture after water accumulation



3. 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
- Resource person- Mr. Dharmendra of Jait village Mathura.
- Trainee- Local community 20 no.(8 female,12 male)



4. 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.



5. Infrastructure

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



6. Extra Classes in Govt. School

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



7. Rural Energy system

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



8. 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 .



9. Basic Amenties of school

- On dated 21/11/2022 Primary school of Agarpur village visited.
- With coordination of Pradhan shri Manjulata ladies toilet facility made operational
- By their renovation at Govt. Primary school of Agarpur.

