

REPORT

(Aquaculture and Integrated Farming Project)

1. TITLE OF EVENT/ PROGRAMME (SEMINAR/ WEBINAR/ WORKSHOP/ EXTENSION LECTURE/ EXTENSION ACTIVITY/ ANY OTHER ACTIVITY): Stocking of fish seeds and plantation of vegetables, crop plants and fruit plants.

2. THEME OF THE EVENT/ PROGRAMME:

- I. Annual fish seeds stocking: 10 kg of fish seed comprising of Rohu, Catla and Mrigal fish seeds at fingerling stage was stocked at morning.
- II. Various vegetables and crop plants like leguminose, papaya etc were planted in the periphery i.e. in the dyke of the aquaculture ponds.
- III. Aquatic weeds of the ponds were removed manually.
- IV. Fertilizer was provided to the existing crop plants.

3. ACADEMIC SESSION:

- i. Integrated fish farming was explained among the participated students.
- ii. Natural biota involved in the aquaculture and integrated fish farming projects was diagnosed to the students

4. DATE: 03.10.2023

5. VENUE: Asutosh College 2nd campus at Bhasa, South 24 Parganas

6. OBJECTIVE/ PURPOSE:

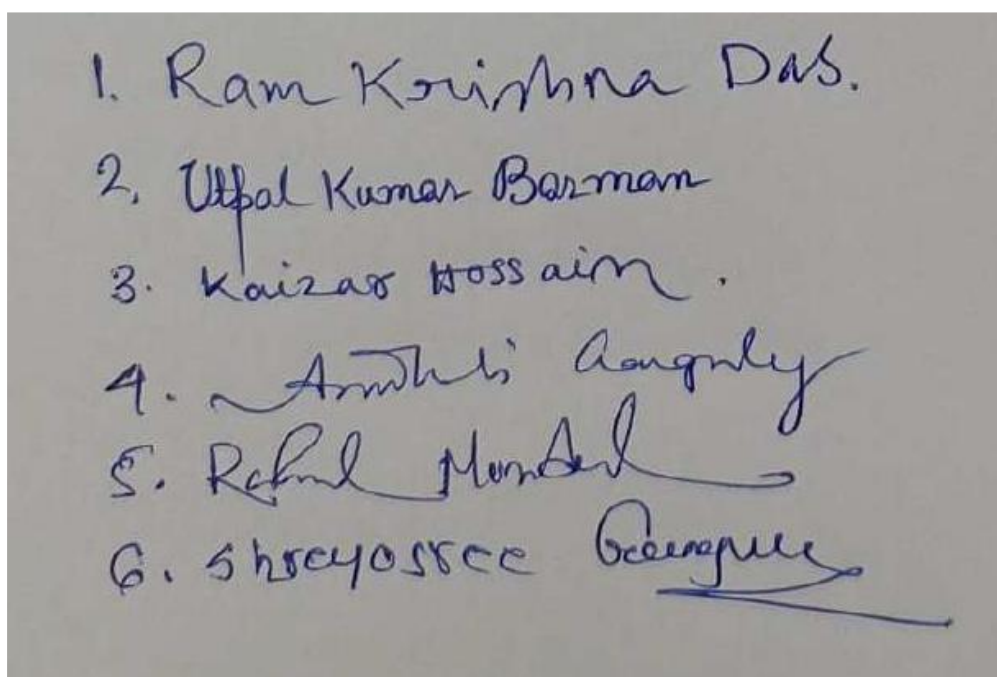
- i. To stock the fish seeds of Indian Major Carps in the aquaculture pond.
- ii. To plantation of the seed lings of vegetables, crop plants and fruit plants.
- iii. To eradicate the aquatic weeds in the aquaculture pond.
- iv. To provide fertilizers to the existing crop plants.

7. SPEAKER/S / RESOURCE PERSON/S:

- i. Ram Krishna Das, Asst. Professor, Dept. of IFF
- ii. Utpal Kumar Barman, Asst. Professor, Dept. of IFF
- iii. Mukti Chanda, SACT I, Dept. of IFF
- iv. Vincent Shouvik Gomes, SACT II, Dept. of Microbiology

8. TARGET AUDIENCE/ PARTICIPANTS: Students of the Dept. of IFF

9. ATTENDANCE SHEET:



10. BRIEF REPORT ABOUT THE EVENT/ PROGRAMME: The event was organized to renovate the already running project namely “Aquaculture and Integrated Farming Project” at 2nd campus of the Asutosh College, Bhasa, South 24 Parganas. A total of four concerned faculty members of the department of IFF, Asutosh College and three non teaching staffs were participated to the event. A total of 22 students of the department of the Industrial Fish and Fisheries were participated to learn about the project. In that event 5 kg of fish seeds of Indian Major Carps at fingerlings stage was bought from a fish market at Naihati and transported to the 2nd campus of the Asutosh College at early morning on 3rd

October, 2023. The fish seed was released to the pond water after gradual acclimatization to the pond water. After stocking of the fish seeds to the pond water, aquatic weeds were also removed manually/mechanically. In addition, the crop plants, vegetable seedlings and other fruit plants were also planted on the dyke of the pond. Further, the existing crop plants were provided fertilizer to promote growth. The event was concluded by illustrating the project to the students.

11. **EXPECTED OUTCOME:** The fish seeds will grow to a considerable size within a very short period. The planted crop plants, vegetable and fruit plant will survive during the operation of the project. The objective of the project is the maximum utilization of the resource to make the project profitable.

12. **GEO-TAGGED PHOTOGRAPHS:** Attached below



Image 1: Release of fish seeds to the ponds by faculty members



Image 2: Plantation to the pond dyke by faculty members and students



Image 3 : Plantation to the pond dyke by faculty members, non teaching staff and students

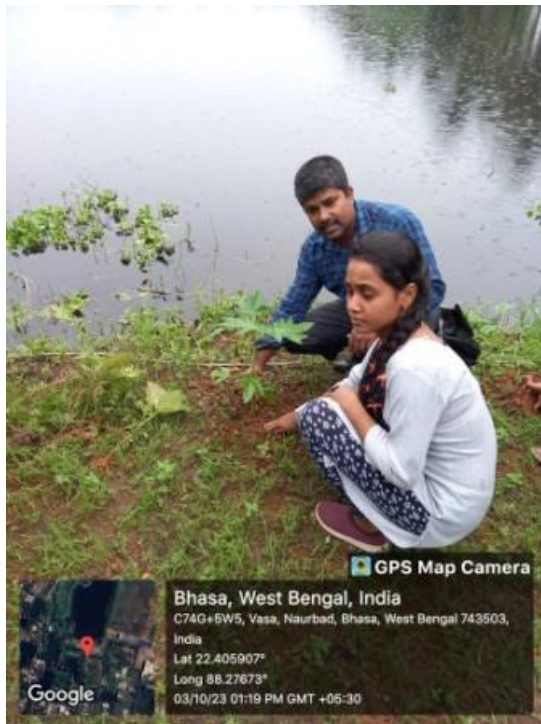


Image 4: Plantation to the pond dyke by faculty members and students



Image 5: Plantation to the pond dyke by students



Image 6: Plantation to the pond dyke by students



Image 7: Fertilizing the soil by faculty member, Non teaching staff and students



Image 8: Plantation to the pond dyke by faculty members and students



Image 8: Fish seed stocking to the pond by faculty members and students