

7.3.1

Institutional Distinctiveness

SAS Govt Degree college is a pioneer institute for innovative practices and take them forward to make available to the student community as well as for the benefit of society. The detail description about the distinctiveness regarding our college is mentioned as follows.

Need for consultancy service for Aqua culture:

Kolleru lake is a largest freshwater lake in India located in Andhrapradesh. Kolleru lake surrounding are major aqua expots are from Narayanapuram and it is also Many foreign birds migrate here in winter, such as Siberian crane, ibis, and painted storks. Kolleru lake was an important habitat for an estimated 20 million resident and migratory birds, including the grey or spot-billed pelican (*Pelecanus philippensis*). Kolleru Lake under Ramsar Convention (allowing local communities like Vaddi Community) to continue their occupation of culture fish and caught fish) covers 90,100 hectares (222,600 acres) and Kolleru Lake under Wildlife Sanctuary covers 166,000 acres (67,200 ha). The main occupation of the people here is aquaculture and therefore the college is going plan offer a programme in B.Sc (Aquaculture Technology).

A consultancy service – “ Aqua cage culture ” was started, since the college is situated mainly in the area of the Kolleru, aquaculture region. We give priority to every piece of information because many people in this locality depend on aquaculture. As aquaculture is a prominent field which is ever growing, the employment and income generating opportunities are also growing. Owing to that very reason, for the welfare of the farmers and improvement of the industry, we as SAS Govt Degree College decided to start the consultancy service. The service was launched by the Departments of Chemistry, Zoology.

Aquaculture has a strategic advisory, supporting regulated and non-regulated clients with asset strategy. We are able to contribute to the development of strategic objectives of the farmers we work with and overlay their operating context.

Objectives:

- 1) To promote aquaculture in the region around the college.

- 2) To help the farmers in diverting them from regular crops to commercial crops.
- 3) To bring the experts of aqua culture and train the local aquaculture farmers.
- 4) To train our aquaculture technology students in the field of aquaculture.

Strategy of Consultancy Service

- To test the water quality parameters for low price.
- To monitor the ponds for a period of 8 months with our students without any cost.
- To educate the local aqua farmers about the diseases which are normally happens to the fish and shrimp.

Nature of work

Our consultancy service provides the required guidance through our students who are the caretakers of the ponds for a period of 8 months. Every student is assigned with a pond and the student will supervise the pond in every aspect of the farming. Digging the pond making it ready, Water management, Feed management, Virus Control management and maintenance of aerators that are being used in ponds. These are the very important aspects in the process of farming. The consultancy service is always intended to extend the guidance to the aspiring and progressing farmers.

In order to get a quality technical support, SAS GDC has an MoU with the Industry ARNAV EXPORTS, ARNAV POLIMARS, ARNAV FISGARIES which is located As a result of that our students are getting good training under the internship of Arnav industries. Our students visit industries to learn upto dated information Aqua Field . This is very essential information which must be known to every aqua farmer. This necessitates us to start consultancy service.

Our motto is to give cage aqua culture information and the services for the aqua farmers.

Our consultancy service provides quality improvement expertise, specialist learning and development. We support health and care organizations to identify, refine and embed sustainable strategies for high-quality care and regulatory excellence.

Our consultancy service advises the farmers on the following

- ✓ In the aspect of selection of the shrimp seed.
- ✓ The seed should not be less than 10 days.

- ✓ It should have a minimum of 3 rostral Spine.

The farmers are advised what kind of precautionary measures are to be taken so as to get good yielding.

Before dropping the seed of the fish, it should be tested whether it healthy or not.

On finding any abnormality, the farmers should consult the experts to have their valuable pieces of advice.

Besides that, our consultancy center collect nominal fee to test the water quality parameters gives some kind of revenue which in turn be utilized for the maintenance of the laboratory.

Future Aspects

- To start aqua clinics for a healthy, biologically, and productive safe sea food production.
- To establish a Skill Development Centre so as to materialize aquaculture technology.