

Synopsis

Inland fish production makes a significant contribution to animal protein supply in Sri Lanka. In some regions of the country, freshwater fish essentially, important source of high quality and cheap animal protein crucial to the balance of diets in marginally food secure communities. As such the government has given special attention to develop fresh water fisheries in Inland water bodies. The Aquaculture Development Centre at Dambulla comes under the National Aquaculture Development Authority (NAQDA) that was established in 1999 under the provisions made by the National Aquaculture Development Authority Act No. 53 of 1998. It is the main state sponsored organization that develops aquaculture and inland fisheries activities in Sri Lanka.

I selected at my In-plant training in Aquaculture Development Center in Dambulla, NAQDA. During the training, practical experience on breeding methods of Indian and Chinese major carps, common carp and Genetically Improved Farmed Tilapia were gained. I gained practical exposure on fish brood stock management, identification of fish species cultured at Dambulla Aquaculture Development Centre, cryopreservation techniques of fish sperms, rearing of Post Larvae, fry stages, identification and treatments of fish diseases, water quality management in ponds, Tagging activity of imported fish species, Cohort breeding program (genetically improvement program for *Oreochromis* sp) and labour management. Within the in-plant training weaknesses and improvement of the organization were identified and possible solutions were proposed.

For the fulfillment of the requirements of B.Sc. in Food Production and Technology Management degree program, student must undergo In-plant training in identified institute.