

COLLEGE OF FISHERIES SCIENCE

Thrust Areas

- Biodiversity, characterization and cataloguing of fish genetic resources of Haryana
- Establishment of hatchery and quality seed production of Indian Major Carps, exotic carps, Singi, Desi Magur, Pabda, Cheetal, *Pangasius*, air breathing fish etc
- Composite fish culture in fresh, brackish, sewage water and their management
- Demonstration of high density aquaculture models (Biofloc, RAS etc.)
- Development and demonstration of Aquaponics as an alternate farming system
- Fish as component in Integrated farming system
- Pearl culture with fish farming
- Development of Captive breeding protocols for quality production of ornamental fishes
- Surveillance, Monitoring and diagnostic assays of economically important fish diseases
- Development and evaluation of cost effective fish feed formulations
- *In vivo* and *in vitro* assay for evaluation and assessment of genotoxicity of aquatic pollutants in fishes
- Standardization of stocking density and feeding frequency on fish and shrimp production
- Use of Polylined tanks for fish culture and utilisation of excess fish water for irrigation
- Development of technologies for plankton culture
- Development of weed technologies for fish culture
- Organization of farmer's training program for fish, shrimp and pearl culture