

Institute Research Projects ~ 2021~22

Crustacean Culture Division

1. Technology upgradation and optimization of protocols for diversified systems and species of crustaceans through sustainable approaches
2. Captive maturation, breeding biology and larviculture of candidate crustacean species for brackishwater aquaculture

Finfish Culture Division

3. Development of hatchery technologies for breeding and seed production of candidate brackishwater finfish species under improved captive rearing systems
4. Development and demonstration of novel brackishwater finfish farming technologies

Aquatic Animal Health and Environmental Division

5. Investigation of existing/ emerging diseases in candidate brackishwater species and development of preventive/ treatment strategies for effective management
6. Development of technologies for amelioration of pond soil and water quality in brackishwater aquaculture

Nutrition, Genetics & Biotechnology Division

7. Integrating biotechnological and bioinformatics approaches for molecular and genetic characterization of brackishwater fish and shellfish candidate species
8. Sustainable aqua feed formulations and feeding approaches for improved growth and health

Social Sciences Division

9. Communication and socio-economic validation of brackishwater aquaculture technologies for sustainable development

Inter-Divisional Projects

10. Development of sustainable and cost-effective brackish-water farming technologies for shellfish and finfish in the north-west coast
11. Evolving brackishwater aquaculture technologies and its dissemination for livelihood security of Sundarban farmers