FISHERY SCIENCE

(a) **Aquaculture :** Principles of aquaculture, Fish endocrinology & reproductive ecology, Fresh water aquaculture, Fin Fish breeding & Hatchery management, Pond and fish farm construction, Shell fish breeding & Hatchery management, Fish genetics & Biotechnology, Coastal aquaculture, Fish nutrition and feed technology, Integrated aquaculture, Upland-Cold water fisheries, Fish disease diagnosis and management, Ornamental Fisheries.

(b) **Fishery Biology :** Taxonomy of Fishes, Aquatic biology, Fundamental of microbiology, Biology of Fin and Shell fished, Taxonomy of Shell fishes, Inland capture fisheries, Food chemistry and nutrition, Anatomy of fin and shell fishes, Fish Biochemistry, Physiology of fin and shell fishes, Marine capture fisheries, Population dynamics and stock assessment, Fishery microbiology and quality control.

(c) **Fishery Hydrography :** Water and soil chemistry, Meteorology and geography, Limnology, Physical and chemical oceanography, Biological oceanography, Aquatic pollution, Aquatic environment and biodiversity.

(d) **Fishery Technology :** Refrigeration and equipment engineering, Freezing technology, Fishing craft and gear technology, Fish processing technology, Navigation, seamanship and meteorology, Harvest and post harvest technology, Fishing technology, Fish products and by-products, Packaging technology.

(e) **Fishery Economics and Management :** Mathematics and Statistics, Fisheries Statistics, Business administration, Fishery economics, Fishery administration and legislation, Project formulation, implementation and evaluation, Cooperative banking and marketing management.

. (f) **Fishery Extension :** Fishery extension education, Computer application, Rural sociology extension and communication.

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