Socio Economic Evaluation and Technology Transfer Division

Entrepreneur- Ready Technologies of CMFRI

**Green Mussel Extract (GMe)**

- **Description:** 6% N, 24% moisture, 45% sugars, 20% polyphenols, 5% alginic acid.
- **Technology Benefits:** Modified and optimized the process for extraction.
- **Financial Aspects:**
  - **Investment:** ~750 lakhs
  - **Rate of Return:** ~1.05
  - **Profitability:** ~0.85
  - **Market Potential:** ~300 cr. annum

**VARNA- The marine ornamental fish feed**

- **Description:** 90% of the scientifically evaluated slow growing ornamental fish feed.
- **Financial Aspects:**
  - **Investment:** ~7.00 lakhs
  - **Rate of Return:** ~1.00
  - **Profitability:** ~0.75

**Broodstock development, Captive breeding and Larval rearing of Marine Ornamental Fishes**

- **Description:** Achieved breakthrough in developing a package of technologies for commercial development, captive breeding and larval rearing for some species of ornamental marine fish (OMF).
- **Technology Benefits:**
  - **High survival rate of larvae at 14-16%**
  - **Thoracic hatching at 8-12 months**

**Larval production of Ocellated crab (Portunus pelagicus) & River prawn (Macrobrachium rosenbergii)**

- **Description:** Cost effective open sea cage production of ocellated crab and river prawn.
- **Technology Benefits:**
  - **High survival of juveniles**

**Cost effective open sea cage**

- **Description:** Development of low cost floating semi-intensive system for nursery and culture of various fish species.
- **Technology Benefits:**
  - **Low cost system**

**Green Algal extract (GAE)**

- **Description:** 3% crude protein content, 70% ash content.
- **Technology Benefits:**
  - **High ash content**

**A Success in Finfish Breeding: Parambassis (Therapichthys philipino) at CMFRI**

- **Description:** Production of high-quality fish fingerlings, juveniles and adults for aquaculture.
- **Technology Benefits:**
  - **High-quality fish produced**

**Artificial Fish Habitats/ Fish Aggregating Devices**

- **Description:** Artificial fish habitats/fish aggregating devices to improve fish production.
- **Technology Benefits:**
  - **Enhanced fish production**