



# IC<sup>2</sup> Institute's Global Commercialization Programs

## INDIA

**Technology:** Nitrifying Bio-Reactor System

**Program Participant:** Mohan Kandaswamy, Director, Oriental Aquamarine Biotech (India) Ltd.

**Innovator:** Prof. Bright Singh, Coordinator National Centre for Aquatic Animal Health

**Partner Company:** Texas A&M University (Texas Agricultural Experiment Station Shrimp Mariculture Research Facility)

**Technology Description:** The technology is an organic water purification process for use in shrimp and fish farming. The bio-reactor uses a patented bacterial consortium that effectively eliminates nitrous wastes without the use of chemicals or antibiotics. The system enhances spawning and the survival rate of the shrimp larvae.

**Agreement Summary:** Oriental Aquamarine Biotech and the Texas Agricultural Experiment Station Shrimp Mariculture Research Facility have signed a field testing and validation agreement that will validate the bio-reactor performance under strict field conditions for US shrimp and fish farmers. OABIPL will provide equipment, materials and technical support, while Texas A&M will provide testing facilities and staff. Exact financial details of the deal were not released.