

#### Fisheries Education & Technology Consultant

### **My Contact**

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### **Skills & Expertise**

- Advanced Aquaculture Production & Management
- Aquaculture Systems' Establishment & Maintenance
- Formulating new Fisheries Science Courses
- Establishment of Fisheries Colleges & Institutes
- Establishment of Fisheries & Aquaculture Research & Extension Centres
- Mobilising R & D and Capacity building Grants

#### **Educational Background**

FAO Training (Aquaculture Biotechnology) Texas A& M University, Texas, USA- 2000

Doctor of Philosophy in Fisheries Science (Aquaculture) 1997,Tamil Nadu Veterinary & Animal Sciences University, Chennai

Master of Fisheries Science 1986(Aquaculture) Tamil Nadu Agriculture University, Coimbatore

Bachelor of Fisheries Science 1981 Tamil Nadu Agriculture University, Coimbatore

#### **About Me**

With over four decades of experience in Aquaculture sector, field, I have established myself as a highly regarded thought leader and innovator, and am fervent about advancing the industry and improving the livelihoods of its stakeholders. My unwavering commitment to achieving excellence in the fisheries and aquaculture sector is based on a strong belief in the transformative power of education and technology. I am confident in my ability to continue making significant contributions to the field, motivated by my extensive experience and expertise in driving progress and growth in the sector.

#### **Professional Experience**

President,Aquaculture Technology & Research Foundation India (AQUAFIN)	2020-till date
Chairman, ICAR- ARS (Fisheries Sci.) Sub Committee	2020- 2022
Chairman, ICAR-BSMA( Fisheries Sci.) Committee	2018 -2020
World Aquaculture Society (WAS)-APC, President	2018- 2019
Vice Chancellor, Tamil Nadu Fisheries University (TNJFU)	2017-2020
WAS-APC, Director	2016-2018
Dean, FC&RI, Ponneri, TNJFU	2015-2017
Director, IFT, TNJFU, Ponneri	2014-2015
Professor, TNJFU	1986-2015



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# **Accompolished Assignments**

President & Co- Chair	International Conference cum Tradeshow on Asian Pacific Aquaculture 2019, with 3500 participants representing 70 countries was organized for the first time in India
Chairman	BSMA (ICAR) National Committee for PG & Ph.D
Member	· Task Force Committee DBT, Govt. of India NewDelhi (2009- 2017) for 8 years.
Member	· Task Force Committee DBT – North Eastern Region (NER), Dept. of Biotechnology, Govt. of India for 4 years
Member	· Editorial Committee of various National & International Research Journal

## **R & D Grants Obtained**

R & D Grants obtained as Pl	Rs.2375.2 Lakhs	
R & D Grants obtained for TNJFU	Rs.4327.93 Lakhs	
Industry Institute Projects Obtained	Rs.33.78 Lakhs	
Total	Rs.6735 Lakhs	

## **Extension Programes Organised**

International Conference /Training/Workshop  National Conference/Training/Work shop	24
	64
Total	88

### **International Investments**

Funds Mobilised	Mobilized Through Global Investors Meet (GIM)
2015-16	Rs.200 Crores
2019-20	Rs.100 Crores

# **Technologies Developed**

Aquaculture Quality Testing Techniques	3
Aquaculture Technologies	10
Aquaproducts Developed	3
Total	16



80

2 Nos.

1 No.

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#### **Courses Introduced**

**Bachelor Degree programs** 

•	Post graduate Degree programs	11
•	Ph.D Degree Programs	09
•	Paraprofessional Degree programs	04

#### **Professional Colleges Developed**

Fisheries College & Research Institutes

•	College of Fisheries Nautical Technology	1 No.
•	College of Fish Nutrition & Food Technology	1 No
•	Fisheries Business School	1 No
•	Institute of Fisheries Biotechnology	l No
•	Institute of Fisheries Post Graduate Studies	1 No.

### **Paraprofessional Colleges** -developed

- Paraprofessional Institute of Fisheries Technology
- Paraprofessional Institute of Aquaculture
- Paraprofessional Institute of Fish **Processing Technology**
- Paraprofessional Institute of Fishing Technology
- Paraprofessional Institute of Aquatic Animal Health Management

### **Aquaculture Species & Systems Handled**

- · Cage Culture of Finfishes
- Shrimp Culture -Penaeus vannamei, P. monodon & P.indicus
- Indoor Raceway Aquaculture systems
- Biofloc Systems of Finfishes and Shellfishes
- Aquaponics Systems
- Indoor & Outdoor Recirculating Aquaculture Systems,
- Lined Pond culture of Finfishes & Shellfishes
- Lobster Cage culture
- Seaweed raft culture

#### **Publications Record**

Research papers/Reports published	195
Books/ Manuals published	35
Patents Registered/Published	10
Semi Scientific Articles Published	46
Aquaculture Technologies Developed	13
Seminars & Conferences Organized	86
Industries & Institutes MoUs' Signed	34



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#### **International Clients**

- M/s.Kemin Aquascience Pvt Ltd ,USA
- M/s. Stryber APAC, Singapore
- M/s.BASF Pvt Ltd, Spain
- M/s.EW Nutrition Pvt Ltd, France
- M/s.Lipto Aqua Pvt Ltd, Spain
- M/s.Virbac Pvt Ltd, Indonesia

## **Awards & Recognitions**

- "Padmashree Prof. N. Balakrishnan Nair Environmental Excellence Award" has been Conferred by Hon'ble Governor of Tamil Nadu
- Appreciation Award for bringing the maximum grant to the University for the ornamental aquaculture prospects

### Commercial Aquaculture Facilities developed

#### I. Aquatic Rainbow Technology Park-developed at Chennai

- Area: 5 Acres
- SPV Mode operation
- Ornamental fish production using advanced aquaculture technologies (Raceways & RAS)
- Involving fish farmers-by demonstration & production
- 10 Units comprising a hatchery, a nursery & a grow out in each unit

#### ii.Aquatic Rainbow Technology Mall developed at Chennai

- Area: 40000 sq.ft
- A single window sales of ornamental fishes & all accessories
- No.of shops planned: 50
- For promoting local and export markets

#### iii.'RAS based Seabass Park' at Chennai

- Area: 2 Acres
- No.of units: 4 nos
- Production Capacity: 100 t/yr
- Species: Seabass (Lates calcarifer)

## **International Business Trips**

United States of America, United Kingdom, France, South Africa, Australia, Thailand, Vietnam, Taiwan, Indonesia, Singapore, Malaysia