

**Dedicated to:
Aquaculture
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Development**

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"A pond full of fish is better than a river full of stones."

- **Canadian Philosopher**
Matshona Dhliwayo

(Dr. Jesu Arockiaraj, a highly acclaimed Eminent Scientist with Stanford University World Ranking in Top 2%. He has also received many awards including "Young Scientist Award" by Government of India and Government of Tamil Nadu)

Greetings !

In consonance with the aforesaid adage, it is of quintessential importance to ensure a healthy balance of nutrients and immunity building feed in fish ponds, in juxtaposition with sustainable aquaculture practices in the vast ocean of aquaculture operations!

At FAITT, being a triple ISO certified company in ISO 9001, 14001 & 45001, we are strongly committed to sustainability, quality, safe and environmental friendly practices and operations in our aquaculture ponds and research labs. FAITT endeavors to spread awareness and enrich cognizance on the various facets of aquaculture through workshops, seminars, publications, special events, etc.

In this issue, FAITT brings you well-curated, discerning and insightful articles in the aquaculture trade and operations, by eminent academics and research scientists.

Of late, various types of easily available medicinal herbs are gaining traction in aquaculture use. They are highly useful in controlling diseases in aquaculture ponds. They also act as a safe alternative to harmful antibiotics. The "bioactive compounds" in these herbs play a great role in prevention of disease and maintenance of fish and shrimp health.

Zooplankton *Calanus finmarchicus*, a tiny marine crustacean, offers sustainable and highly nutritious alternatives to traditional shrimp feed sources. innovative zooca products are a true paradigm of ensuring sustainability in aquaculture practices.

In the modern context, natural bio-pigments are finding a lot of application in the aquaculture industry. As a paradigm, phycocyanins from spirulina and anthocyanins from fruits and vegetables have a vast degree of antioxidant, anti-carcinogenic and immune response-enhancing properties.

We bring you highly insightful articles in this issue on these and other aspects.

Rainbow Trout is a well adaptable species that grows fast and can easily be cultivated in captive environments. The trout is gaining a lot of traction in tropical countries and the US and we present you with an insight on the treatment of viral hemorrhagic septicemia virus (VHSV) in the trout.

In Tamilnadu, Aquaculture insurance products launched on World Fisheries Day, November 2, for freshwater fish farming and shrimp farming by the Tamil Nadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam. In August, Honourble Tamilnadu Chief Minister, Shri M K Stalin inaugurated various facilities constructed at a cost of Rs 43 crore on behalf of the State Fisheries and Fishermen Welfare Department.

Finally, it is great to look forward for a robust year 2023 ahead, as the scintillating year 2022 - a UN designated “ International Year of Artisanal Fisheries and Aquaculture “ come to a close.

Time to begin to change the future of Aquaculture now!

With Regards,
Dr. Jesu Arockia Raj. A
Editor-in-Chief
AQUAFOCUS