

SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

Dissolved Oxygen Plus LLP

Founder: Joseph Sojan

Focus Area: Farm Mechanization

Website: <http://dissolvedoxygenplus.com/>

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Foundation Year: 2018

Location: Kerala



PROBLEM STATEMENT

Low dissolved-oxygen concentrations can stress aquaculture animals and impact growth performance. Respiration of fish and algae during the night results in stress, poor appetite, slow growth, disease susceptibility and mortality in aquaculture animals.

SOLUTION OFFERED

Sprinkler Aerator is redefining Indian aquaculture industry with its highly energy efficient aerator. It helps in reducing the major cost incurred (energy) to a considerable extent. Sprinkler Aerator strives to maximize client satisfaction and profitability without compromising the natural ecosystem by ensuring the sufficient supply of oxygen to fishes reared.

PRODUCT USP

- Works on ½ HP single phase pump (*Power saving = More profits*)
- Enhanced sweeping area for producing maximum
- Environmentally friendly
- No oil spillage
- Cool down water temperature allowing more DO absorption and better animal health
- No fear of animal mortality and keeps predatory birds away

SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

Socially promoting sustainable aquaculture by ensuring healthier aquatic environments, reducing the risk of animal mortality, and deterring predatory birds. Economically, its use of an efficient pump leads to power savings, increasing profitability for farmers. Environmentally, it operates without oil spillage, contributing to cleaner water bodies, while also aiding in temperature regulation for enhanced dissolved oxygen absorption, promoting overall ecosystem health.



* 250+ Farmer
Benefitted



* Rs. 18 Lac
Fund Raised



* 1 Products in
market



* Presence
in 7 states

* as provided by the startup [Data Year 2023-2024]