**PROFILE**



**RAJVINDER PAL SINGH RANA**

**Aqua culturist**

**Secretary General**

**Borlaug Farmer Association for South Asia**

**Ludhiana, Punjab, India**

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**EDUCATION QUALIFICATION**

* B.Com. (Osmania University )
* M.B.A (Marketing, Advertising & sales Promotion)

**TRAININGS**

* One month certified course on fish farming by Fish Farmer Development Agency (ffda), Punjab (11.2.2003)
* One month certified course in Animal Husbandry by Diary department, Punjab (11.2.2003)
* Certified course in vermin compost for fish farming by kvk, Ludhiana (28.3.2006)
* Certified course in Piggery by PAU (30.3.2006)
* Ornamental fish culture and seed production training for five days by GADVASU (29.1.2009)
* Entrepreneurship Development Program on “Development of value added meat products by cIpHET(Ludhiana) 18 Dec, 2009
* Training on Artificial Insemination in Pigs (2.2.2009-13.2.2009)
* certified course in Production of Natural Vinegar By Pau (21.11.2008)
* Advance training in Production Technology in Horticulture (21.3.2011)
* Training course in Skill Development in Freshwater Prawn Farming by GADVASU (17.10.2011)
* International Horticulture innovation and training centre course in Green House Management, Jaipur, Rajasthan
* International Trade towards Enhancement of Competitiveness of Indian Agriculture by Indian Institute of Foreign Trade, New Delhi.

**SPECIAL Skills**

* Best utilization of waste land, water and feed management in fisheries
* Fishery Management in freshwater culture
* FCR in Indian Major Carps
* Culture of all kind of inland fishers

**MEMBERSHIP**

* Member of American Soybean Association (Asia Continental)
* Former Finance secretary, Life member of PAU Kisan Club (Regd.), PAU, Ludhiana
* Former General Secretary of Punjab Fish Farmer club, PAU, Ludhiana
* Member aqua culture centre in Asia pacific world.
* Member European aqua culture society
* Member Consortium of Indian Farmer Association (CIFA) at Delhi
* Secretary General in Borlaug Farmer Association of South Asia (BAFASA).

**AWARDS**

2002 Best Production Award, Moga District

 Best Management Award of Aqua Culture

2003 Best utilization of waste land by PAU Kisan Club

2004 Award of Excellence in IMC

2005 Progressive fish Farmer, Punjab

2006 Best fish farmer Award, PAU Kisan Club, PAU Ludhiana

2007 Best Entrepreneurship farmer form ciphet

2011 Best Innovative Fish Farmer (CIPHET, Ludhiana)

2013 Babu Jagjivan Ram Kisan Anubhav Puruskar (ICAR, New Delhi)

**PUBLICATIONS**

* Local news on channels ,NRI TV, Punjab Today, CNBC Awaz, Zee News, CNBC
* Written articles in national and local newspaper regarding Entrepreneurships in fisheries.
* Articles on Ban of Thai Mangor ,Thai cat fish in all leading newspapers of Punjab
* On National level – CIFA published problem on fish culture and poor quality of water in Punjab.
* Block on world press.com

**SEMINARS ATTENDED**

* Two day seminars on **FISH NEUTRINOS** by American soybean association
* Five day seminars on **breeding of ornamental fish**
* Three day program on **breeding of cat fish**
* Two day seminar on **natural resources of water** – pau, Ludhiana
* Three day **Congress in New Delhi for** **fish farming** (Ministry of Fisheries, New Delhi)
* Three day seminar on **Fish Meat Technology of Export**
* Seminar in Andhra Pradesh for **Fish Neutrinos**
* Attend American Soybean Association Seminar at Chandigarh for **Fish Neutrinos**
* Two day seminar at Ludhiana for **fish seed rearing**
* Attended two day seminar for **export of fisheries**

**SIGNIFICANT ACHIEVEMENTS**

1. **INNOVATIVE FISH MANAGEMENT TECHNOLOGY**
2. **INNOVATE FISH TAG**

In fish culture theft is a major problem /to keep stock record/track his stock and monitoring growth due to this heavy loss in harvesting ,it’s a big back step in fish culture to prevent this, I made a fish tag with machine (fish tag machine),for identified your fish stock for all this purpose .

I invite tag machine for fisherman who does not affordable the cost of tag which cost 4-5$, my tag cost 10 new paise and machine cost 250 INR. Foreign technology tag reader cost 3 lakh. It’s a great step to contribute blue revelation and to increase states of fish farmers of India.

1. I introduce the idea of small air blower which are operated with 220v ac motor used in air cooler to maintain air blow in small tank in shop so that keep fish alive and Farmer Committee get margins in his harvesting .due to small size of motor farmer can use number of motors which reduce the harvesting cost.
2. **PROCESSING**
3. **FISH SKIN**

In Indian major crap skin is a waste product, so through in this process I treated fish skin with common salt without using any machine and converted in fish leather.

* Mobil cover
* accessories –key ring/belts/wall hanging
* Ladies garments
* fashion technology
* Ladies & gents purse
* Specially it is used for Mobil cover to reduce radiation of Mobil.
1. **FISH MANURE:**

Waste material of fish mixed with jiggery can be put in big and closed for 40-45 days after 45 days black powder shape material and this material can be used as manure for raising high cost vegetable nursery mixing with peet moss as a base raw material.

Fish manure is a best and cheap way to waste management in fish markets

1. **FISH PICKLE:**

I introduced fish pickle in my local market at very low price and its made of Indian Major Carps with bone for his medicinal values, full of omega acid and protein, also brand it.

1. **FISH OIL:**

Extract fish oil from Indian Major Carps at very base technology and I get 200 gm oil from one kg fish, high demand in market for its medicinal value and farmer get very high returns from its product.

**CONTRIBUTED TO FARMER COMMITY**

1. **Society:** from last eight year I am working for Machua Welfare Society, Ludhiana as a general secretary and I pass latest technology to the fish farmers which belong to lower classes of society and give practical training to his family members, i.e. women of family doing processing of fish like fish pickle which sold on very high rate in market and family get benefited by this income.
2. **Self help group:** I started my fish self help group name of Asal Self Group with help of few backward classes women who does not have any type of income from other sources in my group old age women, diverses handicap and house wife are working with help of nabard Bank, atam schemes and specially Fish Farmers Development Agency. Fish Farmers Development Agency also gave a shop to sell your home made product by poor women.
3. **Fish Farmer Association:** As a fish farmer from last 13 years I am attached with so many different fish farmers association and also working in office bearing i.e. General Secretary in Punjab fish farmer club, Punjab fish farmers association etc. In this association we move with farmers problem on state/national level. We are also working for better future of fish farmers of India. In this I achieve a ban on Thai Mongur (cat fish species) which are very dangers for Indian major crop and also we face vanish of local breed of fishers in Indian river.
4. **Policy Maker:** I also a part of aasocam, ficci and other organizations on which I represent my state on national level and we give suggestion to the Govt. to frame policy on national level, best example is insurance of fish farmer on state level for his benefit of the fish farmers’ families.
5. **Working with university:** I am also working with pau at Ludhiana as a Finance Secretary of pau Kisan Club (Regd.) for last 8 years we have 7200 farmers members who meet every first Thursday of every month and university experts transfer there technologies to ours members and we also given feedback to the scientists that which type of research we needed like extension worker of university by this way famer pass there technology direct to the farmers which is very easily way to transfer of technology. We also play rule model of extension worker as a farmer and icar also adopted our pattern to transfer there technology.
6. **For International Farmer:** From different countries farmer visit my place to know about the new technologies in fresh water fish culture and fcr ration study. We assist the scholars of International Agriculture Scholars Organization namely Nuffield Scholars. I also visited few countries for fcr ration in crap and fish farmer living standard in community i.e. Holland, Russia, Israel etc.
7. **For Fish Farmer Retail Group:** I also a part of fish farmer retail farmer group who sell direct fish to the market without any middle man ,we also developed a private fish market in my region from where small retailers can buy fish and earn good profit for living hood.