

Brief CV of DR. AKHIL GUPTA

1. Name:	DR. AKHIL GUPTA
2. Designation:	Professor
3. Contact Address:	Division of Fisheries, Faculty of Veterinary Sciences & Animal Husbandry, Chatha, SKUAST-Jammu UT of J& K, INDIA-180009
4. E-Mail:	drakhilgupta777@gmail.com
5. Mobile:	94170 11777
6. Professional Experience:	18 years
7. Awards/Honours/Scholarships:	<ul style="list-style-type: none"> • Best Oral Presentation Award (1st Position) during National Conference on "WE-2019" held at SKUAST-Jammu during February 07-08, 2019. • 'Best Oral Presentation Award (1st Position) during National Conference on "NaCITI-2018" at SKUAST-Jammu, Chatha from 08-10 February 2018. • Chief Editor/ Associate Editor - Journal of Animal Feed Science and Technology (2015-till date) • Chief Editor/ Associate Editor - International Journal of Fisheries and Aquatic Studies (2016- till date) • Life Member of "Society of Community Mobilization for Sustainable Development, IARI, New Delhi • Life Member of "Animal Nutrition Association" IVRI, Izatnagar, India • Life Member of "Animal Nutrition Society of India" NDRI, Karnal, Haryana, India • Life Member of "Society for Integrated Development of Agriculture, Veterinary & Ecological Sciences, Jammu • Editorial Committee Member - American Research Journal of Agriculture (2020) • Editorial Committee Member - Fisheries Science & Aquaculture- Probe (2018-till date) • Editorial Committee Member - Indian Journal of Agriculture Business (2015-till date) • Editorial Committee Member - International Journal of Advanced Research in Agriculture (2020) • Qualified National Eligibility Test conducted during 2004 by ASRB
8. Area of Specialization:	Aquaculture, Fisheries Resource Management, Fish Nutrition, Aquatic Environment Management
9. Research Interest:	<ul style="list-style-type: none"> • Aquaculture of different fish species • Fish Nutrition and Feed Management • Development of probiotics for fish and shellfish • Development of freshwater prawn farming model • Fish Disease Diagnosis and Health Management • Azolla Cultivation and fish feeding • Study of Different fish Biomarkers • Establishment of Sustainable Aquaculture Innovation Centre for Research and Demonstration of different technologies
10. Total No. of Publication (Referred Journals):	104

**11. Selected Publications
(best ten):**

SNo	Title	Journal	NAAS Rating 2022
i.	Akhil Gupta , P. Gupta & Dhawan A (2014). Dietary supplementation of probiotics affects growth, immune response and disease resistance in <i>Cyprinus carpio</i> fry.	Fish and Shellfish Immunology , 41, 113-119	10.58
ii.	Akhil Gupta , P. Gupta and A. Dhawan (2016). <i>Paenibacilluspolymyxa</i> as a water additive improved immune response of <i>Cyprinus carpio</i> and disease resistance against <i>Aeromonas hydrophila</i> .	Aquaculture Reports , 4: 86-92	9.22
iii.	Akhil Gupta , G. Verma and P. Gupta (2016). Growth performance, feed utilization, digestive enzyme activity, innate immunity and protection against <i>Vibrio harveyi</i> of freshwater prawn, <i>Macrobrachium rosenbergii</i> fed diets supplemented with <i>Bacillus coagulans</i> .	Aquaculture International , 24 (5): 1379-1392.	8.24
iv.	Akhil Gupta , Sehgal H S & Sehgal G K (2007). Growth and carcass composition of giant freshwater prawn <i>Macrobrachium rosenbergii</i> (De Man) fed different isonitrogenous and isocaloric diets.	Aquaculture Research , 38, 1355-1363	8.08
v.	JS Bedi, V Singh, Akhil Gupta , JPS Gill, RS Aulakh (2018). Persistent organic pollutants (POPs) in fresh water farm fish species from Punjab (India) and evaluation of their dietary intake for human risk assessment.	Human and Ecological Risk Assessment , 24: 1-14	11.19
vi.	Das P, Akhil Gupta & Manna S K (2005). Heat shock protein 70 expression in different tissues of <i>Cirrhinusmrigala</i> (Ham.) following heat stress.	Aquaculture Research , 36, 525-529	8.08
vii.	Akhil Gupta & Dhawan A (2013). Probiotic based diets for freshwater prawn <i>Macrobrachiumrosenbergii</i> (de Man).	Indian Journal of Fisheries , 60: 103-109	6.50
viii.	Akhil Gupta & Dhawan A (2012). Effect of dietary probiotic improval (<i>Lactobacillus sporogenes</i> and <i>Saccharomyces cerevisiae</i>) on growth and feed utilization of <i>Macrobrachium rosenbergii</i> post larvae.	Animal Nutrition and Feed Technology , 12: 209-217	6.23
ix.	Kaur N, Singh P, Bedi J S and Akhil Gupta (2019). Studies on persistent organic pollutants residue in water, sediment and fish tissues of River Sutlej, India.	Journal of Environmental Biology ; 40 (2), 258-264	5.57

	x.	Singh V, Bedi J S, Akhil Gupta , Gill J P S and Aulakh R B (2015). Distribution of persistent organic pollutants in farm fish, sediments and water from Punjab (India).	Toxicology International , 22: 70-74		4.87	
12. Student advisory:	<ul style="list-style-type: none"> As major Advisor MFSc- 02 ; MPhil - 03 As Minor Advisor/Member of Advisory Committee: 04 					
13. Books/Manuals/ Monographs:	<ul style="list-style-type: none"> Books: 1; Manual: 3 					
14. Seminar/Workshop/ Conference attended:	<ul style="list-style-type: none"> Trainings attended:09 Conference attended: 20 					
15. Extension trainings associated with:	<ul style="list-style-type: none"> Trainings organized: 28 Camps:05 					
16. Research Projects						
Externally Funded Research Projects						
	SNo	Title	Funding Agency	Budget	Year of Start/ completion	Remarks, if any
	1.	Smart Technologies for Small Scale Fish Farming Community	JK ST&I Council	2.0 lakh	2023	PI
	2.	Socio-economic Empowerment and Capacity Building of Rural SC/ST Communities through Technological Interventions in Fish Farming (DST/SEED/SCSP/STI/2019/32/G dated 09.12.2020)	DST	51.75 lakh	2020-23	PI
	3.	Establishment of Sustainable Aquaculture Innovation Centre (SAIC) for Promotion and Strengthening of Fisheries through Research, Training and Demonstration (at final stage) (AUJ/FU/21-22/F-40/120 dated 26.11.2021 & NABARD Ref No. NB.J&KRO/SPD/986/RIDF XXVII-dMoS/21-22 dated 18.02.2022	NABARD	575.0 lakh	2022-23	PI
	4.	Development of probiotics for fish and shellfish	UGC	11.308 lakh	2012-15	PI
	5.	Establishment of freshwater prawn farming model for research and extension activities	RKVY	15.0 lakh	2013-15	PI
	6.	Establishment of Fish Disease Diagnosis Laboratory	RKVY	32.0 lakh	2011-12	PI
	7.	Studies on the seed production and grow out culture of endangered Golden mahseer <i>Tor putitora</i> in sub-tropical areas of Jammu and Kashmir	DBT	64.97 lakh	2022-23	Co-PI

	8.	Strengthening Institutional Capacities for Delivering Globally Competent Skilled Professionals (AUJ/NAHEP/IDP/21-22/168-220 dated 29.10.2021)	ICAR, NAHEP	633.1 lakh	2021-24	Co-PI/ Assoc Scientist
	9.	Multiple use of water through raised and sunken bed technique for low lands	AICRP on IWM	-	2016-till date	Co-PI
	10.	Persistent organic pollutants in fish, fish pond sediments and water: Health risk assessment through dietary exposure	UGC	8.72 lakh	2013-16	Co-PI
	11.	Maga Seed Project (Carp seed)	ICAR	5.50 lakh	2007-08	Co-PI
University Funded Research Projects						
	SNo	Title	Funding Agency	Budget	Year of Start / completion	Remarks, if any
	12.	Quality Evaluation of Fish Marketed and Consumed in Jammu	RCM/ Univ. Funded	0.90 lakh	2022-24	PI
	13.	Establishment of lab for DST Project of Fisheries Unit- Repair/ renovation works	Univ. Funded	2.25 lakh	2020-21	PI
	14.	Formulation and evaluation of low-cost diets for commercial important fishes to reduce input cost in aquaculture	RCM/ Univ. Funded	0.50 lakh	2017-22	PI
	15.	Development of culture technologies of some commercially important ornamental fish species in Jammu	RCM/ Univ. Funded	0.40 lakh	2017-21	Co-PI
	16.	Studies on survival and growth of pangas fish in sub-tropical areas of Jammu - species diversification in aquaculture	RCM/ Univ. Funded	0.20 lakh	2020-22	Co-PI
17. Other Achievements if any (Please specify):						

Akhil Gupta