

**A. General Information**

Name		<b>Dr. ABHED PANDEY</b>
Designation		Associate Professor
Specialization		Aquaculture: Integrated fish farming, mineral mixture, probiotics & herbal supplements in fish nutrition, climate resilient aquaculture technologies, freshwater pearl culture, socio-economic evaluation of aquaculture
Address	<i>Office</i>	Room No. 5, Department of Aquaculture, College of Fisheries (Bihar Animal Sciences University), DKAC campus, Arrabari, District-Kishanganj, Pin 855107, Bihar
	<i>Present</i>	House No. 304, Type IV Quarters, College of Fisheries (Bihar Animal Sciences University), DKAC campus, Arrabari, District-Kishanganj, Pin 855107, Bihar
	<i>Permanent</i>	S/o Late Ramdeo Pandey (Bank Officer), Veer Kunwar Singh Colony, Kashi Bazar, Chhapra-841301, Bihar
Date & Place of Birth		30.10.1974, Village- Reoti
Nationality		Indian
Marital Status/ dependents		Married

**B. Educational Qualification**

- **Ph.D.** Tokyo University of Marine Science & Technology, Tokyo, Japan in 2008
- **M.F.Sc.** Central Institute of Fisheries Education, Mumbai in 1999
- **B.F.Sc.** G.B. Pant University of Agriculture & Technology, Pantnagar in 1997
- **Diploma in Computer Science (part-time)** from Indo German Educational Institute, Mumbai in 1999
- **Diploma in Business Management (part-time)** from Narsee Monjee Institute of Management Studies, Mumbai in 1998

**C. Professional Experience:** 19 years (Teaching, Research, Extension & Industrial)

**D. Professional Recognitions**

- **Review Editor** Pantnagar Journal of Research (NAAS 3.71), GBPUAT, Pantnagar
- **Convener** - Conference on Fisheries & Aquaculture (IESFAC-2023) held at COF, GADVASU, Ludhiana
- **Rapporteur** – of the session during National Seminar on “Contemporary issues in fisheries and aquaculture” organized by College of Fisheries, GBPUAT, Pantnagar
- **Honorary Fellowship (F.S.L. Sc.) in Life Sciences** by Society of the Life Sciences, Satna (M.P.), India
- **Reviewer** Aquaculture Research, Aquaculture Nutrition, Journal of Aquatic Animal Health, Journal of Applied Aquaculture, Journal of Applied Ichthyology, Journal of Animal Research, Animal Nutrition and Feed Technology, Indian Journal of Experimental Biology etc.
- **Certificate of Excellence in Reviewing** by AQUACULTURE RESEARCH (WILEY) Journal (NAAS 8.08) for the year 2020
- Organized **7 training programmes** and **more than 200 expert/invited lectures**
- **Certificate of Excellence in Peer-Reviewing** by Uttar Pradesh Journal of Zoology (NAAS 4.21) for the year 2022
- **CERTIFICATE OF APPRECIATION** from PI-IDP & Dean, COVS, GADVASU, Ludhiana
- **Monbukagakusho Fellowship of Japanese Govt** through HRD Ministry, Govt. of India

- **Guest of honour** by Krishi Vigyan Kendra, Barnala (Punjab) in 2017
- **Awarded ICAR-JRF** for M.F.Sc. programme at CIFE, Mumbai
- **Qualified for ICAR, ASRB-NET** (Fisheries Science)

**E. Trainings (International & National)**

**a. International**

- Six months training of Intensive Japanese Language Course at Tokyo Institute of Technology, Tokyo (Japan) from April 2004 to Sept. 2004
- Six months International Training as Japanese Govt. Research Scholar at Fish Nutrition Laboratory, Tokyo University of Marine Sc. & Technology, Tokyo (Japan) before Ph.D. enrolment i.e. from Oct. 2004 to March 2005
- Training & visit at Centre for Advanced Research in Environmental Genomics (CAREG), University of Ottawa from Aug.-Sept. 2006

**b. National**

S. No.	Particulars	Sponsoring agency	Duration
1.	Introductory Training Programme on Computers	CIFE, Mumbai	31.08.1998 to 05.09.1998
2.	Training programme on Taxonomy, Genetics and Gene Banking of Coastal and Marine Bio-resources and Biodiversity	CIFE, Mumbai	17.01.2002 to 06.02.2002
3.	Training in Harvest and post-harvest technology in Fisheries	CIFT, Cochin	12.12.2008 to 17.12.2008
4.	Advance Training on Nanotechnology: Opportunity and Applications in Veterinary Sciences	PAU, Ludhiana	07.03.2011 to 12.03.2011
5.	Training Programme on Freshwater Pearl Culture	CIFA, Bhubaneswar	11.03.2013 to 16.03.2013
6.	Training on Advances in Molecular and Serological Tools in Fish Disease Diagnosis	CIFA, Bhubaneswar	09.11.2013 to 29.11.2013
7.	Orientation Programme of UGC-Academic Staff College	University of Allahabad (U.P.)	25.06.2014 to 22.07.2014
8.	International Conference on Natural Resource Management: Ecological Prospective	SKUAST, Jammu	18.02.2016 to 20.02.2016
9.	Teaching Workshop by College of Veterinary Science in collaboration with University of Calgary, Canada	GADVASU, Ludhiana	25.11.2018 to 27.11.2018
10.	International Workshop on Extension Research Methodology: From Designing to Publishing	GADVASU, Ludhiana	17.09. 2018
11.	Training on Recent Advances in Statistical Techniques for Data Analysis in Agriculture	IASRI, New Delhi	10.01.2019 to 30.01.2019
12.	Training on “Communication and Management Skills in Transfer of Agro technology”	PAU, Ludhiana	07.02.2022 to 16.02.2022
13.	Attended five days faculty training programme	Indian Institute of Management (IIM), Amritsar	Aug. 7 to 11, 2023

**F. Projects Handled/Being Handled**

**1. Research Projects**

Name of Research Project	PI or Co-PI	Funding agency	Date of commencement of project	Date of completion of project	Period of Association in Research Project		Total Project Budget
					Years	Months	

Studies on the freshwater pearl mussel culture under agro-climatic conditions of Punjab	PI	UGC	01/07/2012	31/12/2015	3	6	8.85 Lakh
Demonstration and replication of fish-cum-duck integrated farming model validated for socio-economic development of farming community	PI	RKVY	27/10/2021	31/12/2024	3	-	40.0 Lakh
Standardization of breeding and rearing technology of high value vulnerable catfish <i>Pungasius pungasius</i> under agro-climatic conditions of Punjab	Co-PI	UGC	01/07/2015	30/06/2018	3	-	10.36 Lakh
Promoting fish production through reclamation of village ponds & through integrated fish-livestock farming system	Co-PI	RKVY	01-04-2009	30-03-2015	6	-	59.50 Lakh
Development of Periphyton based aquaculture technology for <i>Labeo</i> species in Punjab state under scheme	Co-PI	RKVY	01-04-2012	30-03-2016	4	-	10.0 Lakh

### G. Seminars/Conferences Attended

S. No.	Particulars	Sponsoring agency	Duration
1.	Workshop on Integrated Coastal Management	College of Fisheries, Mangalore (Karnataka)	23.11.1998 to 25.11.1998
2.	National Symposium on Fish Health Management & Sustainable Aquaculture	College of Fisheries, GBPUAT, Pantnagar	01.11.2000 to 02.11.2000
3.	International Symposium on Fish for Nutritional Security in the 21 <sup>st</sup> Century	CIFE, Mumbai	04.12.2001 to 06.12.2001
4.	Sixth Indian Fisheries Forum	CIFE, Mumbai	17.12.2002 to 20.12.2002
5.	International Conference on Natural Resource Management: Ecological Prospective	SKUAST, Jammu	18.02.2016 to 20.02.2016
6.	National Seminar on Transforming Agriculture to Doubling of Farmers Income	Babasaheb Bhimrao Ambedkar Central University, Lucknow	10.02.2018 to 11.02.2018
7.	International Workshop on Extension Research Methodology: From Designing to Publishing	GADVASU, Ludhiana	17.09. 2018
8.	Conference on Fisheries & Aquaculture (IESFAC-2023) held at College of Fisheries	GADVASU, Ludhiana	22 to 24 February 2023
9.	Attended workshop at College of Biotechnology,	GADVASU, Ludhiana	25 Aug.2023

### H. Patents/ Products/ Technologies Developed

- Developed package of practice for production of designer pearls along with carp culture in agro-climatic conditions of Punjab under UGC funded project

- Developed package of practice to get high production in integrated fish cum duck farming (50-60% higher income than traditional non-integrated carp fish farming practices)
- Developed technology for Economic Use of Aquatic Weed–*Eichhronia* (Silage, 40% replacement of conventional energy source-Rice bran & Compost, Better water quality) in fish culture
- Developed fish specific mineral mixture
- Standardized protocol for newly installed duck hatchery at College of Fisheries Farm for duckling production & distribution to promote fish cum duck farming system
- Developed package of practices on beneficial effects of fish ponds sediments on yield of Maize & Paddy in Integrated Fish Farming System, along with PAU Team (Approved in the 296<sup>th</sup> meeting of the REC on 17-05-2023 at PAU, Ludhiana)

#### I. Awards/Recognition

Awards/Recognition	Conferred by (Name of Organization)	Year
<b>Senior Scientist Award</b>	Best Poster Presentation Award by Society of Life Sciences during National Seminar on “Contemporary Issues in Fisheries and Aquaculture” at GBPUA&T, Pantnagar during 19-20 May, 2022	2022
<b>Research Excellence Award</b>	Institute of Scholars (InSc), Bengaluru	2021
<b>Best Teacher Award</b>	Guru Angad Dev Veterinary & Animal Sciences University (GADVASU)	2019
<b>Excellence in Teaching Award</b>	Samagra Vikas Welfare Society during National Seminar on Transforming Agriculture to Doubling of Farmers Income at Bhimrao Ambedkar Central University, Lucknow	2018

#### J. Membership of Fisheries Organizations

- Institute of Scholars, Bengaluru, Karnataka
- Journal of Fisheries and Life Sciences, Mangaluru, Karnataka
- Inland Fisheries Society of India (IFSI), CIFRI, Barrackpore, West Bengal
- The Indian Science Congress Association, Kolkata
- Animal Nutrition Society of India, NDRI, Karnal, Haryana
- Association of Aqua-culturists, CIFA, Bhubaneswar, Odisha
- Life Membership of North East Society for Fisheries and Aquaculture, Tripura
- Society of Life Sciences, Satna (M.P.)

#### K. Students Supervised (Total = 18)

(i) *M.F.Sc.* Total = 14 (Major guide = 06, co-guide = 08)

(ii) *Ph.D.* Total = 04 (Major guide = 01, co-guide = 03)

#### L. Publications\* : Total- 61

*Abstract*

Research Papers	Book chapters	Articles in magazine	Books	Manuals	Extension Articles
30	4	07	--	7	13

\*For details please visit:

<https://scholar.google.com/citations?user=PSmUKtOAAAAJ&hl=en>

*I hereby declare that the information provided above are correct and complete as on date.*

**Date : 25-01-2024**

**Place: DKAC Campus, Arrabari, Kishanganj**

**(Dr. Abhed Pandey)**