

CURRICULUM VITAE



Biotechnology Professional

Address

Soumya Prasad Panda, Ph. D

Project Scientist (NMCG Project)

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CAREER SUMMARY

I am a life science researcher with over 15 years of expertise in quantitative genetics, molecular biology, and fish genomics, especially Next Generation Sequencing techniques, and during my Ph.D. I have been focusing on the carp cultivated in India, which faces a gap between demand and supply, due to diseases affecting 30% of its yield. To prepare prophylaxis and effective vaccine approaches against viruses, my study to create baseline information on the ontogeny expression of antiviral genes. Further, I am very much keen to research quantitative genomics, molecular breeding, population genetics, genome sequencing, or comparative genomics. I am highly motivated to utilize my skills to pursue my research career and to contribute to the organization.

RESEARCH DURING Ph. D

Ph. D. Title “Molecular Characterization of Antiviral Mx Gene in Catla fish (*Labeo catla*)” was being carried out at ICAR-Central Institute of Freshwater Aquaculture in Fish Health and Management Division, Kausalyaganga, Bhubaneswar-751002 Orissa, India. Supervisor: Dr. Basanta Kumar. Das (Principal Scientist, Central Institute of Freshwater Aquaculture Bhubaneswar-751002 Orissa, India)

The major objective of my Ph.D. is to produce peptides, and sequencing of this gene will give new insight for studying various aspects of disease management, including vaccination and immunization, and designing therapeutics.

- Isolation, cloning, and characterization of antiviral gene
- Expression of the antiviral gene in fish to bacterial and parasitic infection.

CURRENT STATUS

Project Scientist under the National Mission for Clean Ganga (NMCG) project, Ministry of Jal Shakti, Government of India, the project entitled “Fish Stock Enhancement Including Hilsa and Livelihood Improvement for Sustainable Fisheries and Conservation in River Ganga” at ICAR – Central Inland Fisheries Research Institute, Manirampore, Barrackpore, Kolkata- 700120, WB, India

EDUCATIONAL QUALIFICATION

Ph.D. (Biotechnology) Awarded from Ravenshaw University, Orissa, India, in 2023.

M. Sc. (Biotechnology) From Utkal University, Orissa, India, with first division in September 2007.

B. Sc. From North Orissa University, Orissa, India, with first division 2004.

RESEARCH EXPERIENCE

S No.	Position held	Employer/ Organization	Responsibilities
01	Project Scientist	ICAR – Central Inland Fisheries Research Institute, Manirampore, Barrackpore, Kolkata	Fish Conservation and Stock Enhancement of Fishery of Ganga River Basin, Namami Gange Mission-II
02	Young Professional – II (YP-II)	ICAR – Central Inland Fisheries Research Institute,	Fish Stock Enhancement, Including Hilsa and Livelihood Improvement for Sustainable Fisheries and Conservation in River Ganga
03	Young Professional – II (YP-II)	ICAR – Central Inland Fisheries Research Institute,	Fish Immune gene and Stress gene standardization and expression
04	Young Professional – II (YP-II)	ICAR – Central Inland Fisheries Research Institute,	Fish Disease diagnosis from quarantine sample using PCR
05	Senior Research fellow (SRF)	ICMR-Regional Medical Research Center, Bhubaneswar. (Entomology division)	Gene cloning, RT-PCR, DNA Isolation, PCR, ELISA and sequencing etc.
06	Senior Research Fellow (SRF)	ICAR-Central Institute of Freshwater Aquaculture (Fish Health and Management Division) Bhubaneswar.	Survey of aquaculture products
07	Junior Research fellow (JRF)	ICAR-Central Institute of Freshwater Aquaculture (Fish Health and Management Division) Bhubaneswar.	Gene cloning, RT-PCR, Sequencing, Northern blotting, and Date analysis.
08	Project Assistant	ICAR-Central Institute of Freshwater Aquaculture (Fish Genetics and Biotechnology Division) Bhubaneswar.	ESTs library construction (Normalized and Subtracted libraries), RT-PCR, Sequencing, Hybridization techniques, data analysis, etc.
09	Research Scholar	ICMR-Regional Medical Research Center (Entomology division) Bhubaneswar.	DNA isolation, PCR, ELISA, and sequencing, etc.

AREAS OF RESEARCH INTEREST

- Molecular biology and Fish Pathology.
- Immunology
- Genetics and Genomics studies
- Next Generation Sequencing and Transcriptomics

TRAINING/ WORKSHOP/ WINTER SCHOOL

Sl no.	Topic	Sponsored/ Organized	Venue/held	Duration
Training				
3.1	Application of Emerging Technologies for the Diagnosis of Sexually Transmitted Infection	Department Biotechnology (DBT)	ICMR-National Institute for Research in Reproductive Health (NIRRH-ICMR), Mumbai.	20 th Aug.- 7 th Sept. 2007.
3.2	Bioethics	National Institute of Health (NIH) (USA)	St. John's National Academy of Health Sciences, Bangalore.	17 th Nov-12 th Dec 2008.
3.3	Participated in the CME on "Perceptible Gaps in Medical Education-the Perceived Need for Medical Ethics Training.	Indian Ethics Review Board (IERB).	Department of Clinical Ethics at St. John's Medical College, at Bangalore.	28 th Nov. 2008
3.4	National-level model training on Preventive Health Management in Freshwater Aquaculture	Ministry of Agriculture, Govt. of India.	Fish Management Division, ICAR-CIFA Bhubaneswar.	3-10 th Sept., 2014.
3.5	Online Training on "High Throughput Sequence Data Analysis"	Indian Council of Agriculture Research (ICAR)	Fish Genetics & Biotechnology Division of ICAR- CIFA, Bhubaneswar	17 th – 20 th Nov., 2020
3.6	Assessment of Ecology and Fisheries of Inland Open Waters	ICAR- Central Inland Fisheries Research Institute	ICAR-CIFRI, Barrackpore	28 th -5 th Jan 2024
3.7	Recent advances in disease diagnosis and nanotechnology in freshwater aquaculture			8-10 December, 2020.
3.8	Bioinformatics Tools and its Application in Predictive Ecology and Fisheries	ICAR- Central Inland Fisheries Research Institute	ICAR-CIFRI, Barrackpore	19-25 JANUARY 2024
Winter School				
4.1	Winter School on "Advances in Molecular and Serological Tool in Fish Disease Diagnosis	Indian Council of Agriculture Research (ICAR).	ICAR-CIFA Bhubaneswar	9-29 th Nov., 2013.
4.2	Summer/Winter School on "Advances in Management of Inland Open-water Ecosystem Health"	Indian Council of Agriculture Research (ICAR)	ICAR-CIFRI, Fishery Resource and Environmental Management Division, Kolkata, West Bengal	21 st Jan to 10 th Feb., 2020
Workshop				

5.1	workshop on “Functional Genomics and Evolutionary Biology”	Department Biotechnology (DBT)	Institute of Life Sciences (ILS), Bhubaneswar	21-23, Nov.,2007
5.2	workshop on the Application of Bioinformatics	-	Bio Axis DNA research center	1 st Nov., 2009
5.3	workshop on “Bioinformatics applications in fish/shellfish genomics.”	ICAR sponsored	ICAR-CIFA Bhubaneswar	12-13 Jan 2010
5.4	Two days workshop on “Role of Inland fisheries and aquaculture in fulfilling the Sustainable Development Goals (SDGs) and regulated of pathways (Hindi Spatha Attended)	ICAR-CIFA	ICAR-CIFA Bhubaneswar	10-11 Sep 2024
5.5	Two days workshop on “Role of Inland fisheries and aquaculture in fulfilling the Sustainable Development Goals (SDGs) and regulated of pathways (Hindi Spatha Presented)	ICAR-CIFA	ICAR-CIFA Bhubaneswar	10-11 Sep 2024
Seminar				
6.1	Attended National Seminar on “Frontier Bioinformatics Tools in Genome and Proteome Analyses”		Department of Bioinformatics, center for postgraduate studies, Orissa University of Agriculture and Technology, Bhubaneswar, Orissa. (OUAT).	March 14 th and 15 th , 2005
6.2	Attended an International Symposium on “Stem Cells from Laboratory to Treatment of Diseases.”		IMGENEX INDIA Pvt. Ltd. Bhubaneswar	December 27-28,2005
Symposium				
6.3	Participate in the 10 th Orissa Bigyan Congress on “Focal Theme: Plant Earth.”		OUAT, Bhubaneswar, Odisha	November 4-5 2006
Conference				
6.4	Attended 32 nd Annual Conference of Botanical Society		OUAT, Bhubaneswar, Odisha	December 21-22, 2007 at OUAT.
6.5	Attended 33 rd Annual Conference of Botanical Society		North Orissa University.	January 10-11, 2009
6.6	9 th Indian Fisheries Forum (gifaf)	Indian Council of Agriculture Research (ICAR).	Central Marine Fisheries Research Institute, Kochi.	19-23 Dec.,2011

6.7	10 th Indian Fisheries and Aquaculture Forum (10ifaf)	Indian Council of Agriculture Research (ICAR).	ICAR-National Bureau of Fish Genetic Resources, Lucknow.	12-15 Nov., 2014
6.8	International Consultant Meeting on “Fish Genomics”		Fish Genetics & Biotechnology Division of ICAR- CIFA, Bhubaneswar	23 rd Jan 2015
6.9	National Conference on Trends and Progress of Animal Sciences	Zoological Society of Orissa (ZSO)	Post Graduate Department of Biosciences and Biotechnology, Fakir Mohan University	5 th & 6 th February 2020
6.10	20 Indian Science Communication Congress	Indian Science Writers Association Indian Science Communication Society	HNB Garhwal Central University	20 December, 2020
6.11	1 st Indian Fisheries Outlook 2022	ICAR- Central Inland Fisheries Research Institute	ICAR-CIFRI, Barrackpore, Kolkata, West Bengal	22-24 March 2022
6.12				22-24 March 2022
6.13	13 th IFAF-Fostering Indian Fisheries and Aquaculture for Attaining Sustainable Development Goals		Kolkata, India	23-25 Feb 2024
Webinar				
6.14	International webinar on “Exploring the impact of COVID-19 on the ecosystem health of rivers and its dolphin population: present status and future strategy for conservation in India-Bangladesh- Myanmar-Nepal	ICAR-CIFRI, NMCG, IFSI, PFGF and AEHMS	ICAR-CIFRI, Kolkata, West Bengal	24 th and 25 th Aug., 2020
6.15	International webinar on “Small Scale Fisheries in Inland Open Waters: Status and Opportunities.”	Indian Council of Agriculture Research (ICAR)	ICAR-CIFRI, Kolkata, West Bengal	9 th and 10 th Sep., 2020
6.16	National Webinar on Recent Advances in Breeding of Commercially Important Fish Species.	Fakir Mohan Autonomous College, Balasore, Odisha.	Department of Zoology, Fakir Mohan Autonomous College, Balasore.	30 th June 2021
6.17	Disease and Health Management in Aquaculture & Culture of Marine Fish Sea bass	Marsco Aqua Clinics – Aqua One Centre	Marsco Aqua Clinics	05 July 2021

6.18	National webinar on Freshwater Ornamental Fish Breeding & Shrimp Culture of <i>L. Vannamei</i>	Marsco Aqua Clinics – Aqua One Centre	Marsco Aqua Clinics Pvt Ltd.	13 th August 2021
6.19	Webinar on Fish as Nutritional Food	NFDB & MANAGE, Hyderabad under “Rashtriya Poshan Maah 2021	Aqua One Center (AOC, Kolkata)	25 th September 2021
6.20	National webinar on Molecular Diagnosis of Disease Management in Freshwater Aquaculture and Water quality management in Aquaculture	Marsco Aqua Clinics		25 th September 2021
6.21	Global Meet for Containment of Rabies	Indian Network for Neglected Tropical Diseases (iNTD) In collaboration with Swiss Alliance for Neglected Tropical Diseases (SANTD)		28 th Sep 2021
6.22	Application of Nanobiosensors techniques in pathogenic and pollutant diagnosis”	PP Savani University		13 th October 2021
6.23	National Webinar on Grow out culture of Indian Major Carp & Brackish Water Cage Culture	Marsco Aqua Clinics	Marsco Aqua Clinics Pvt Ltd.	18 th October 2021
6.24	National Webinar on Integrated Aquaculture & RAS Culture	Marsco Aqua Clinics	Marsco Aqua Clinics Pvt Ltd.	20 th November 2021
6.25	National webinar on Feed formulation and Feed Management in Freshwater Aquaculture and Inland cage Culture	Marsco Aqua Clinics	Marsco Aqua Clinics Pvt Ltd.	29 th Dec 2021

AREA OF EXPERTISE

Molecular biology:

- Semi-quantitative RT-PCR for gene expression study, Designed the primers, RACE PCR, Real-Time PCR, Blotting, ELISA, Immunohistochemistry, PAGE, Gene cloning, DNA sequencing data analysis by BLAST X, BLAST N MEGA BLAST, CLUSTAL-W, cap3, Gene Ontology, etc., Identification of microsatellite, Maintenance of EST data and clones, etc. SNP analysis and Next Generation sequencing data analysis.
- Idea on the use of some of the freely downloadable and routinely used bioinformatics software.

Immunology:

- During the last year, I have gained knowledge on the specific immunity of fish through various techniques such as NBT, phagocytosis, myeloperoxidase assay, bactericidal study, etc.
- Idea on certain haemotological parameters, e.g., WBC, RBC count, estimation of Hb conc., total protein albumin, globulin etc.

Microbiology/Fish Pathology:

- Isolation and enrichment of various fish pathogens like *A. hydrophila*, *Vibrio parahaemolyticus*, *V. alginotocus*, *Pseudomonas* Sps.; some fungal pathogens.
- Molecular characterization of the parasite by 28S rDNA sequencing, RAPD and RFLP.

SCIENTIFIC MEMBERSHIPS

1. Enrolled as a Life Member of the Orissa Botanical Society from the year 2007
2. Enrolled as a Life Member of Orissa Bigyan Academy, Department of Science & Technology, Government of Orissa, from the year 2008
3. Enrolled as a life Member of the Biotechnology and Bioinformatic Society from the year 2021
4. Enrolled as a Life Member of The Indian Science Congress Association from the year 2023
5. Enrolled as a Life member of the Inland Fisheries Society of India from the year 2024 (Life Membership No. 470)

SCIENTIFIC COLLABORATION

1. Fish Genetics and Biotechnology Division / Aquaculture Production and Environment Division / Fish Health Management Division of ICAR - Central Institute of Freshwater Aquaculture (**ICAR-CIFA**), Kausalyaganga, Bhubaneswar, Orissa, 75 1002, India
2. Clinical Entomology Division / Biomedical Informatics Centre of Regional Medical Research Centre (**ICMR-RMRC**), Bhubaneswar, Orissa 75 1023, India
3. Fish Molecular Genetics and Biotechnology Laboratory, Aquatic Genomics Unit, Department of Fisheries and Allied Aquacultures, Auburn University, **Auburn, AL 36849, USA**
4. School of Biotechnology, **KIIT University**, Bhubaneswar, India
5. Division of Fisheries Science, ICAR-Central Inland Agricultural Research Institute (**ICAR-CIARI**), Port Blair, A&N Island.
6. Aquatic Environment and Health Management Division, ICAR-Central Institute of Fisheries Education (**ICAR-CIFE**), Versova, Mumbai.
7. Biotechnology Laboratory, ICAR-Central Inland Fisheries Research Institute (**ICAR-CIFRI**), Barrackpore, Kolkata, 700120, West Bengal, India.
8. Department of Chemistry, Technical University of Denmark, DK-2800, Kongens Lyngby, **Denmark**
9. Department of Bioinformatics, Orissa University of Agriculture and Technology (**OUAT**), Bhubaneswar 751003, Odisha, India
10. **KBDVA College**, Nirakarpur, Odisha, India.

RESEARCH PUBLICATION

1. Mohapatra N, **Panda SP**, A. S. Acharya AS, Hazra RK, S. K. Parida SK, Marai N, Kar SK, Mahapatra A, Narasimhan K, Mohapatra S, Mallavadhani UV. (2009) Toxicological Response of *Culex quinquesfasciatus* (Say) and *Anopheles stephensi* (Liston) to two different plant extract Journal of Current sciences. volume 14 No.1

2. Sahu DK, **Panda SP**, Panda S, Das P, Meher PK, Hazra RK, Peatman E, Liu Z, Eknath AE and Nandi S. (2013) Identification of reproduction-related genes and SSR-markers through expressed sequence tags analysis of a monsoon breeding carp rohu, *Labeo rohita* (Hamilton). *Gene*, (524) 1–14. <https://www.ncbi.nlm.nih.gov/pubmed/23583682>
3. Roy P, **Panda SP**, Sethi S, Rana N and Das BK. (2014) Morphometric and molecular identification of isopod parasite *Joryma hilsae* in *Pellona ditchela* (val 1847) *Journal of Aquaculture in the Tropics* Vol. 30, Iss,1/2, (2015): 15-21. <https://www.proquest.com/scholarly-journals/morphometric-molecular-identification-isopod/docview/1752117633/se-2>
4. Sahu, DK, **Panda SP**, Mehe PK, Das P, Routray P, Sundaray JK, Jayasankar P, Nandi S. (2015) Construction, de-novo assembly and analysis of transcriptome for Identification of reproduction-related genes and pathways from rohu, *Labeo rohita* (Hamilton) *PloS one*, 10(7)1-27 <https://doi.org/10.1371/journal.pone.0132450>
5. Roy P, **Panda SP**, Pal A, Mishra SS, Jayasankar P and Das BK. (2015) Expression of Mx Gene in *Cirrhinus Mrigala* (Hamilton, 1822) to OMP C Protein of *Aeromonas Hydrophila* and Bacterial Infection. *Applied Biochemistry and Biotechnology*. 178, 640–653. DOI: [10.1007/s12010-015-1899-1](https://doi.org/10.1007/s12010-015-1899-1)
6. Baruah A, Das R, Kumar S, Roy P, Sahu A, **Panda SP**, Mishra SS and Das BK A (2016) Novel and effective clostridium bifermentans CPSS2 against selected fish pathogenic Bacteria. *International Journal of Advanced Research (IJAR)* 4 (9) 2140-2150 <http://dx.doi.org/10.21474/IJAR01/1700>
7. Roy P, **Panda SP**, Pal A, Jayasankar P & Das BK. (2016) Ontogenetic profile of Antiviral Mx gene and its role in innate immunity in Mrigal, *Cirrhinus mrigala* (Hamilton 1822). *Aquaculture Research*, **Volume 48, Issue 6** p. 3230-3243 <https://doi.org/10.1111/are.13153>
8. Das BK, Roy P, Rout AK, Sahoo DR, **Panda SP**, Pattanaik S, Dehury B, Behera BK & Mishra SS. (2019) Molecular cloning, GTP recognition mechanism and tissue-specific expression profiling of myxovirus resistance (Mx) protein in *Labeo rohita* (Hamilton) after poly I: C induction. *Scientific Reports*, 9: 3956 1-19 <https://www.nature.com/articles/s41598-019-40323-0.pdf>
9. Roy P, Rout AK, Maharana J, Sahoo DR, **Panda SP**, Pal A, Nayak KK, Behera BK, Das BK. (2019) Molecular characterization, constitutive expression, and GTP binding mechanism of *Cirrhinus mrigala* (Hamilton, 1822) Myxovirus resistance (Mx) protein. *International Journal of Biological Macromolecules*. 136, 1258-1272 <https://doi.org/10.1016/j.ijbiomac.2019.06.161>

10. Mohanty D, Roy P. Sahu A, **Panda SP**, Sahoo AK, Das BK., (2021) Subcellular component of *Bacillus subtilis* (AN11) induces protective immunity against *Aeromonas hydrophila* in *Labeo rohita* (Ham.). Aquaculture Research. DOI: 10.1111/are.15578 2021;00:1–10.
11. **Panda SP**, Soren D and Das BK., (2021) Haemato-immunological responses of *Labeo catla* (Hamilton, 1822) induced with poly I:C. Journal of the Inland Fisheries Society of India (JIFSI). 53 (1) <https://doi.org/10.47780/jifsi.53.1-2.2021.115782>
12. **Panda SP**, Soren D, Nayak KK. Roy P. Das BK., (2021) Poly I: C stimulates Mx transcript and promotes an antiviral state in the blood of *Labeo catla* (Hamilton 1822). Indian J. Fish., 68(3): 93-99, 2021 DOI: 10.21077/ijf.2021.68.3.112825-12
13. Chakraborty N, Das BK, Bera AK, Borah S., Mohanty D., Yadav AK, Kumar J., Koushlesh SK., Chanu TN., **Panda SP.**, Vallangi R.,(2022) Co-Prevalence of Virulence and Pathogenic Potential in Multiple Antibiotic Resistant *Aeromonas* spp. from Diseased Fishes with In Silico Insight on the Virulent Protein Network. Life, **2022**, 12, 1979. <https://doi.org/10.3390/life12121979>
14. Meena DK., **Panda SP**, Sahoo AK., Srivastava PP., Sahu NP., Kumari M., Samantray S., Borah S., Das BK.,(2023) Immunogenic Effects of Dietary Terminalia arjuna Bark Powder in *Labeo rohita*, a Fish Model: Elucidated by an Integrated Biomarker Response Approach. Animals 2023, 13, 39. <https://doi.org/10.3390/ani13010039>
15. **Panda SP**, Roy P., Soren D., Sahoo DR., Dehury B., Rout AK., Behera BK & Das BK., (2023) Structural insights of *Labeo catla* (catla) myxovirus resistance protein, GTP binding recognition and constitutive expression induced with Poly I: C. Journal of Biomolecular Structure and Dynamics.
16. Das K, Mishra CSK, Champatiray S, Jena M, **Panda SP**, and Roy P (2023) Green Synthesis of Silver Nanoparticles from (*Tectona Grandis Linn.*) Teak Leaves and its Phytostimulatory Effect on *Vigna Radiata*. BioMedical Journal of Science and Technical Research
17. **Panda SP**, Soren D, Roy P, Mohanty D, Meena DK, Amiya Kumar Sahoo AK, Das BK., (2023). Immunomodulatory effect of saponin treatment and microbial infections provoke the expression of the Mx gene in catla (*Labeo catla*). Aquaculture International
18. Ray A, Das BK, Bhakta D, Johnson C, Roy S, Subhadeep Das Gupta SD, **Panda SP** and Baitha R (2023) Stock Status of a Few Small Indigenous Fish Species Exploited in the River Ganga, India. Fishes
19. Roy A., Kumar V., Bisai K., Bhowall P., **Panda SP.**, Jana AK., Banerjee R., and Das BK., (2024) Molecular characterization and expression profile of estrogen receptor subtypes in female hilsa (*Tenuulosa ilisha*). Frontiers in Marine Science

20. Das BK, **Panda SP**, Pradhan SP, Raut SS, Kumari M., and Meena DK (2024) Molecular insights into STAT1a protein in rohu (*Labeo rohita*): unveiling expression profiles, SRC homology domain recognition, and protein-protein interactions triggered by poly I: C. *Frontiers in Immunology*

BOOK EDITED

1. B. K Das, **S. P. Panda**, and S. Bhattacharya., 2025. Drivers in Biological Science Towards Sustainability. Book Citation Index. Edited book, Narendra Publication House Delhi (India) pp. 1 – 213, ISBN:978-93-56513-79-2
<https://www.nphindia.com/book/9789356513792/drivers-in-biological-sciences-towards-sustainability>

BOOK CHAPTER

1. Rout AK., Das R., Mahanandia NC., Dey S., Parida SN., Mondal M., **Panda SP.**, Jena Rajkumar., Behera B., and Behera BK., (2024) Identifying Novel Antibiotic Resistance Genes (ARGs): Important Aspect of Metagenomic Research. *Biotechnological Tools in Fisheries and Aquatic Health Management* (Springer Nature)
2. **S P Panda**, D. Soren, P. Malakar, V. Kumar, B.K. Das (2025) Role of Artificial Intelligence in Fish Disease Modeling and Prognosis. *Laboratory Techniques for Fish Disease Diagnosis.* (Springer Nature)
3. **S P Panda**, D. Soren, P. Malakar, V. Kumar, B.K. Das (2025). Ethical and Legal Considerations in Aquatic Genomics Research. (Springer Nature)

GENE SEQUENCE SUBMITTED IN THE NCBI DATABASE

Complete nucleotide sequence – 10 , ESTs Sequence- 4662. Partial sequence- 200, Ribosomal sequence (16s, 18s, 28s) – 168, SRA Submission – 02, In total NCBI submission 5042

EDITOR/ PEER-REVIEWER RECOGNITION

Peer Reviewer: *Frontiers in Physiology*, *Frontiers in Marine Science*, *Frontiers in Genetics*, *Mitochondrial DNA Part B: Resources*, *Aquaculture (MDPI)*, *Biology (MDPI)*, *Forensic sciences (MDPI)*, *Genes (MDPI)*, *International Journal of Molecular Sciences (MDPI)*, *Journal of marine science and engineering (MDPI)*, *Sustainability (MDPI)*, *Symmetry (MDPI)*

Editor: Served as an editorial board member of several reputed journals, including *Frontiers*, *MDPI*, *Wiley*, *Springer*, etc

ACHIEVEMENTS

1. **Patent:** Fish feed for *Clarias magur* comprising of raw ingredients (Application No. 202431003310A Date of filing 17/01/2024).
2. **Sardar Patel Outstanding** ICAR Institution Award 2020 (Large Institute) for valued contribution by the Indian Council of Agricultural Research, New Delhi.
3. Received **Best Poster Presentation** Award at Research Scholars Conclave-2022 held from 4th November 2022 at Fakir Mohan University, Balasore, Odisha.

4. Received **Appreciation Award** on 1st Indian Fisheries Outlook 2022 during 22-24 March 2022 at ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata.

RESOURCE PERSON

I worked as a research person at the International Workshop on Biotechnology in Fisheries and Aquaculture held at ICAR-Central Institute of Freshwater Aquaculture (Fish Health and Management Division) Bhubaneswar. during June 19-21, 2014

EXTRACURRICULAR ACTIVITY

I had also associated with Utkal Sevak Samaj (a state-level NGO). My Responsibilities were to be aware of immune deficiency people and motivation, Community mobilization, Training on leadership development, Gender, Social Security rights, etc. To form SHG groups among people with immune deficiency people to provide financial support and Technical expertise to prompt their livelihood. Communicate with the funders and GOVT officials in the operational area.

PERSONAL SKILLS

- Attitude toward learning Continuously
- Ability Towards in a team-oriented environment

PERSONAL INFORMATION

Father's name : Madan Mohan Panda
Data Date of birth : 8th November 1982
Sex : Male
Nationality : Indian
Religion : Hinduism
Marital Status : Unmarried
Language Known : Odia, Hindi, English, Bengali (Beginner)
Hobbies & Interest : Making scientific projects, interpersonal relationships, Reading, Writing scientific articles, Social service
Research Gate Profile : <https://www.researchgate.net/profile/Soumya-Panda-7>
ORCID ID : <https://orcid.org/my-orcid?orcid=0000-0002-0513-1101>

DECLARATION

I declare that the above-furnished information is accurate to my knowledge and belief. If I am given an opportunity to work in your esteemed organization, I promise to do it with dedication.

Yours Truly,

Place:14/03/2025
Date: Barrackpore, Kolkata

Soumya Prasad Panda

(Soumya Prasad Panda)