

CURRICULUM VITAE

Name: Dr Padmanava Mohanty
Position: Assistant Professor (OES-I)
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Educational Background:

Sl. No	Degree	University/Institution	Discipline	Year of completion
1	Bachelor's degree	UTKAL UNIVERSITY	Zoology	2006
2	Master's degree	BERHAMPUR UNIVERSITY	Zoology	2009
3	Ph.D.	UTKAL UNIVERSITY	Zoology	2016

Ph.D. thesis title: "Development of Selected genomic resources in *Macrobrachium rosenbergii*"

Professional Background:

Sl. No	Position held	Name of the Institute	Joining	Held Up to
1	Lecturer	Lokanath Mohavidyalaya, Patakura, Kendrapara	19.05.2022	11.01.2024
2	Assistant professor of Zoology	Bhadrak Autonomous College	11.01.2024	Present

Awards/ Achievements:

Sl. No	Award Name	Agency	Year
1	DST Inspire Fellow	DST, New Delhi	2009

Publications:

- Mohanty, P.**, Srabani, S. & Bairagi, B. (2019). Use of Single Nucleotide polymorphism (SNP) in pharmacogenomics for the treatment of human diseases. *Journal of Humanities and Science*, 4:1–8.
- Mohanty, P.**, Sahoo, L., Parida, K. & Das, P. (2013). Development of polymorphic EST-SSR markers in *Macrobrachium rosenbergii* by data mining. *Conservation Genetics Resources*, 5:133–136.
- Mohanty, P.**, Sahoo, L., Pillai, B.R., Jayasankar, P & Das, P. (2014). Genetic divergence in Indian populations of *M. rosenbergii* using microsatellite markers. *Aquaculture research*, doi:10.1111/are.12508.

4. Sahu, B.P., Sahoo, L., Joshi, C.G., **Mohanty, P.**, Sundaray, J.K., Jayasankar, P. & Das P. (2014). Isolation and characterization of polymorphic microsatellite loci in Indian major carp, *Catla catla* using next-generation sequencing platform. *Biochemical Systematics and Ecology*, 57: 357-362.

Conferences/Workshop/Seminar attended:

1. Participated in the international workshop on “**Genetic Improvement of performance traits: A genome wide selection perspective in aquaculture**” Organized by ICAR-Central Institute of Freshwater Aquaculture in collaboration with Association of Aquaculturists (AoA), Kausalyaganga, Bhubaneswar, on 28th October 2023.
2. Participated in the International conference on “**Technological Innovations in Animal Science Research and Social Transformation**”, jointly organized by Department of Zoology, Utkal University and Zoological Survey of Odisha, Bhubaneswar, during 24th to 26th February, 2023.
3. Participated in the one day workshop and hands-on training on “**RT PCR**” Organized by MITS School of Biotechnology, Bhubaneswar, on 16th February 2023.
4. Participated and presented in the National Seminar on “**Impact of Climate change on Biodiversity of coastal Ecosystem of Odisha**”, organized by Department of Zoology, Kendrapara Autonomous College, Kendrapara, during 12th and 13th March, 2022.
5. Participated in the national level webinar on “**COVID-19, MENTAL STRESS: STRATEHIES AND SOLUTIONS**” organized by Hindu kanya college, Kapurthala on 18th July 2020.
6. Participated in the International conference on “**Biodiversity and Sustainable Development: Strategies for Future**”, organized by Narasingha Choudhury autonomous College, Jajpur during 29th and 30th January, 2019.
7. Participated in National Conference on “**Crossroads of Biological Science and its Applications**”, organized by Berhampur University, Berhampur during 15th and 16th February 2019.
8. Participated in National workshop on “**Biotechnology for Economic Enhancement of Rural Community in Southern Region of Odisha**”, jointly organized by DBT, New Delhi and SCDC in association with department of Zoology, Berhampur University, Berhampur on 11th September 2015.
9. Participated in workshop on “**Bioinformatics Tools for Fish Genomics**”, jointly organized by ICAR- Indian Agricultural Statistical Research Institute, New Delhi and ICAR-Central Institute of Freshwater Aquaculture, Bhubaneswar, during 21st to 22nd April 2015.
10. Participated in hands on training on “**Next Generation Sequence Data Analysis**”, organized by Fish Genetics and Biotechnology Division, ICAR-CIFA, Bhubaneswar, during 20th to 24th January 2015.

11. Participated in “**International Consultation Meeting on Fish Genomics**” organized by Fish Genetics and Biotechnology Division, ICAR-CIFA, Bhubaneswar, on 23rd January 2015.
12. Participated and presented a paper in **10th Indian fishery and aquaculture forum (9th IFAF)** during 12-15th November, 2014, at Lucknow, hosted by the ICAR- National Bureau of Fish Genetic Resources.
13. Participated and presented a paper in the **3rd International Science Congress** held at Karunya University, Coimbatore, Tamil Nadu, during 8th to 9th December, 2013.
14. Participated in conference cum workshop on “**NextGen Genomics and Bioinformatics Technologies (NGBT)**”, organized by SciGenom Research Foundation held at IGIB, New Delhi, during 14th to 16th November 2013.
15. Participated and presented a paper in the international symposium on “**Genomics in aquaculture**” held at CIFA, Bhubaneswar, from 22nd to 23rd January, 2013.
16. Participated in **11th Agricultural Science Congress** held at OUAT, Bhubaneswar, from 7th to 9th February, 2013.
17. Participated in national conference on ‘**Aquaculture: Fish for Billion**’, organized by Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswar, Odisha, India, during 16-17th March 2012.
18. Participated in the **99th Indian Science Congress** held at KIIT University, Bhubaneswar, from 3-7th January, 2011.
19. Participated and presented paper in **9th Indian fishery forum (9th IFF)** during 19-23rd December, 2011, at Chennai, hosted by the Central Marine Fisheries Research Institute (CMFRI), Kochi.
20. Participated in national seminar on “**Modern Biology and Human Welfare**”, organized by Department of Zoology, Berhampur University, Odisha, India, during 28th to 29th March 2010.

FDP/Refresher Programme attended:

1. Participated and successfully completed “NEP 2020 Orientation and Sensitization programme” under Malaviya mission Teacher Training programme of university Grant Commission (UGC) Organized by Iswar Saran PG College, Prayagraj from 6th September 2024 to 14th September 2024 obtaining grade A+.
2. Participated and successfully completed UGC approved Short term professional development programme on “Implementation of NEP 2020 for university and College Teachers” under Pandit Madan Mohan Malaviya National mission on Teachers and Teaching, from 27th October 2022 to 5th November 2022 obtaining grade A+.