

BIODATA

DR. SAGARIKA SWAIN

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Specialization

- Fish Nutrition
- Feed Preparation

Education Qualifications

Degree	University	Year
B.F.Sc.	O.U.A.T, Bhubaneswar	2012
M.F.Sc.	KUFOS, Kerala	2014
Ph.D.	DBSKKV, Dapoli, Maharashtra	2019

Employee

Name of Post	From	To	Address
Assistant Professor	Dec. 2019	March 2022	Centurion University of Technology and Management
Associate Professor	Mar. 2022	Continuing	BASU, Patna

Five Best Research Articles

1. Kumar, R., Kumar, S., Dar, S. A., **Swain, S.**, & Kumar, R. S. (2026). Dietary licorice (*Glycyrrhiza glabra*) supplementation enhances growth, antioxidant defence, and modulates metabolic enzyme activity in *Labeo rohita*. *Frontiers in Marine Science*, 13, 1827089.
2. Dar, S. A., Kumar, S., Saini, V. P., Rani, S., Iqbal, G., **Swain, S.**, ... & Keer, N. R. (2025). Quercetin as a Nutritional Intervention: Enhancing Growth, Metabolism, and Immune Gene Modulation in *Labeo rohita*. *ACS omega*, 10(42), 49402.
3. Hamdani, A., Pawase, A. S., Tibile, R. M., Bhatkar, V. R., Wasave, S. S., Ghode, G. S., ... & **Swain, S.** (2026). Masculinization in guppy, *Poecilia reticulata* Peter, 1859 using phytoextracts loaded ZnO nanoparticles. *Aquaculture Reports*, 47, 103491.
4. **Swain, S.**, & Acharya, A. P. (2020). An alternative effort to reduce feed cost of Nile tilapia, *Oreochromis niloticus* (Linnaeus, 1758) by utilizing fish processing waste as fish feed. *Journal of Experimental Zoology India*, 23(2), 1351.
5. **Swain, S.**, Pawase, A. S., Pai, R. K., Tibile, R. M., Indulkar, S. T., Pawar, R. A., & Acharya, A. P. (2019). Effect of immunostimulants on growth performance of striped catfish, *Pangasianodon hypophthalmus* (Sauvage, 1878). *Journal of Experimental Zoology India*, 22(2), 917.

Other Publications

- Research Papers: 8
- Review Articles: 3
- Popular Articles: 6
- Book Chapters written: 4

H-index

3

Total Citations

32

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Completed Research Project

- Institutional project: 01 (A Comparative Study of Wolffia, Azolla and Lemna aquatic Plant based diets on Growth performance and Color enhancement of Goldfish (*Carassius auratus*).

Membership of Professional bodies

1. Life Membership of Society for promotion of farm and compassion animals, Bihar Animal Sciences University, Patna, Bihar.
2. Life Membership of Journal of Fisheries and Life Science by Society of Fisheries and Life Science, College of Fisheries, Mangalore 575002 Karnataka, India.

Honour and Awards

1. Gold Medal for holding 1st rank in Master of Fisheries Science from Kerala University of Fisheries Ocean Studies.