

Curriculum Vitae

Satya Narayan Sahoo, M.F.Sc. (FPM)

Scientist (Fish Health)

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QUALIFICATION

Exam/Degree/ Diploma	Institute/Board/Univ ersity	Year	Subjects with major field	Class/Division/G rade/% marks
Masters (M.F.Sc.)	West Bengal University of Animal and Fishery Sciences (WBUAFS), Kolkata	2009	Fishery Pathology and Microbiology Thesis title: "Pathoanatomical and limnological study on the effect of piscicides on Indian major carps".	First class (87.6)
Graduation (B.F.Sc.)	Orissa University of Agriculture and Technology (OUAT), Bhubaneswar	2007	B.F.Sc. Degree course Thesis title: "Effect of Aqua-MOS on growth and survival of <i>Cirrhinus mrigala</i> fingerlings"	First class with Honours (83.10)

EMPLOYMENT RECORD

Designation	Organization	Institution & place of posting	Period (From – to)
Scientist	ICAR	ICAR-CIFA, Bhubaneswar	5 th April 2017-till date
Scientist	ICAR	ICAR-CIFRI, Barrackpore	11 th April 2016-31 st March 2017
Scientist	ICAR	NAARM, Hyderabad	1 st January 2016-31 st March 2016
Prog. Asst. (Fishery Science)	OUAT	KVK, Sambalpur	30 th July 2012-30 th November 2015
Asst. Fisheries Officer	Govt. of Odisha	Harabhanga, Boudh	January 2011-July 2012

HONORS/ AWARDS/ SCHOLARSHIPS & DISTINCTIONS

Name of the Award/Recognition	Awarding organization (Place/ country)	Year
University Gold Medal (B.F.Sc.)	Orissa University of Agriculture and Technology, Bhubaneswar	2007
University Merit Scholarship, Under-graduate Programme	Orissa University of Agriculture and Technology, Bhubaneswar	2003-07
University Merit Scholarship, Post-graduate Programme	West Bengal University of Animal and Fishery Sciences, Kolkata	2007-09

PROJECTS

Project	Funding	Period
National surveillance programme for aquatic animal diseases (Co-PI)	NFDB	October 2016-March 2017
Development of Biotechnological Tools for Inland Aquatic Ecosystem Health Assessment (Co-PI)	ICAR-CIFRI	October 2016-March 2017
Characterization of gill associated fish pathogens and development of methods for their diagnosis and control (Co-PI)	ICAR-CIFA	April 2017-March 2018
Surveillance of antimicrobial resistance and antimicrobial use in Freshwater aquaculture in Odisha and Andhra Pradesh to characterize their relationship (Co-PI)	ICAR-CIFA	April 2017-March 2018
All India Network Project on Fish Health (Co-PI)	ICAR Network	April 2017-till date
Development of suitable health management protocol for challenged freshwater aquaculture systems in India (Co-PI)	ICAR-CIFA	April 2018-till date
Network program on antimicrobial resistance (AMR) in aquaculture and fisheries (Co-PI)	ICAR Network	April 2018-till date
Isolation and characterization of heterotrophic ammonia oxidising bacteria (AOB) and their application in aquaculture. (Co-PI)	ICAR-CIFA	April 2019-till date
Protocol development for breeding and seed rearing of <i>Mystus cavasius</i> in captivity. (Co-PI)	ICAR-CIFA	April 2019-till date
Harmonized One health Trans-species and community Surveillance for Tackling Antibacterial Resistance in India. (Co-PI)	DBT-BIRAC	September 2019-Septemebr 2020

PUBLICATIONS

RESEARCH PAPERS:

- Mondal, Aziz Hasan., Behera, Truptimayee., Swain, Priyabrat., Das, Rakesh., **Sahoo, Satya Narayan.**, Mishra, Sudhansu Sekhar., Das, Jayakrushna., Ghosh, Koushik. 2020. Nano zinc vis-à-vis inorganic Zinc as feed additives: Effects on growth, activity of hepatic enzymes and non-specific immunity in rohu, *Labeo rohita* (Hamilton) fingerlings. *Aquaculture Nutrition*, 26(4), 1211-22. DOI: 10.1111/anu.13077
- Pattanayak R., Das Rakesh, Das A., Padhi S. K., Pattnaik S., Sahu S. S., Mishra C. S. K., Mishra S. S., **Sahoo S. N.**, Debbarma J., Mohanty C. S., Sinam G., Sundaray J. K., Swain P. (2018). Biosafety Evaluation of Zinc Oxide Nanoparticles (ZnO NPs) on *Polypedates maculatus* (Gray, 1830). *International Journal of Zoological Investigations*. 4 (1): 61-72.
- Mishra S.S., Das R., Dhiman M., Choudhary P., Debbarma J., **Sahoo S.N.**, Barua A., Giri B.S., Ramesh R., Ananda K., Mishra C.K. and Swain P. 2017. Present Status of Fish Disease Management in Freshwater Aquaculture in India: State-of-the-Art-Review. *J Aquac Fisheries*. 1: 003, 1-9.
- Mishra S.S., Das R., Das B.K., Choudhary P., Rathod R., Giri B.S., Debbarma J., **Sahoo S.N.**, Barua A., Sahu A., Patil P.K. and Swain P. 2017. Status of Aqua-medicines, Drugs and Chemicals Use in India: A Survey Report. *J Aquac Fisheries*. 1: 004, 1-15.
- Mishra S.S., Das R., Choudhary P., Debbarma J., **Sahoo S.N.**, Giri B.S., Rathore R., Kumar A., Mishra C.K. and Swain P. 2017. Present status of fisheries and impact of emerging diseases of fish and shellfish in Indian aquaculture. *J Aquat Res Mar Sci*. 2017: 5-26.
- Mishra S.S., Das R., Choudhary P., Debbarma J., **Sahoo S.N.**, Swain P., Rathore R. and Giri B.S. 2017. Prevalence of Fish and Shrimp Diseases and Use of Various Drugs and Chemicals in Indian Aquaculture for Disease Management. *J Fish Aqua Dev*. JFAD-129: 1-16
- Sahoo, S.N.**, Dash, G., Parida, S.K., Nanda, S., 2009. Effect of Aqua-MOS on growth and survival of *Cirrhinus mrigala* fingerlings. *Journal of Applied Bioscience*. 35(1), 29-34.
- Dash, G., Parida, S. K. and **Sahoo S.N.**, 2009. Histopathological observations on carps infected with Argulus in freshwater bheries of West Bengal. *Journal of Applied Bioscience*. 35(2), 159-162.
- Dash, G., Parida, S.K., Sasmal, S.K., **Sahoo, S.N.**, 2009. Argulosis in carps with special reference to water quality parameters in low saline bheries of West Bengal. *Journal of Environment and Sociobiology*. 6(1), 45-52.

ARTICLES:

- Dash, G., Parida, S.K., **Sahoo, S.N.**, Dhali, M., 2008. Consequences of climatic change versus sustainable development with special reference to fisheries. *Aqua International*, 16(7), 26-29.
- Parida, S.K., Dash, G., **Sahoo, S.N.**, 2008. Herbal mechanism for combating fish and shrimp diseases. *Aqua International*, 16(1, 2), 19-21.