

**A. General Information**

<b>Name</b>		<b>Dr. Sudeshna Sarker</b>
<b>Designation</b>		Assistant Professor & Head
<b>Specialization</b>		Aquatic Animal Health Management
<b>Address</b>	<i>Office</i>	Department of Aquatic Animal Health Management, College of Fisheries, Bihar Animal Sciences University, Arrabari, PO.Raipur, Kishanganj 855107, Bihar, India
	<i>Present</i>	Type 3 quarter, Block B, Flat No. 201, College of Fisheries, Kishanganj, DKAC Campus, Arrabari, Kishanganj, Bihar. PIN -855107
	<i>Permanent</i>	Kumardingi Panchanantala, PO. Morepukur, PS. Rishra, Dist. Hooghly, PIN. 712250, West Bengal, India
<b>Date &amp; Place of Birth</b>		07.11.1991 Haringhata, Nadia, West Bengal
<b>Nationality</b>		Indian
<b>Marital Status/ dependents</b>		Unmarried

**B. Educational Qualification**

- **Ph.D.** in Aquatic Animal Health (2021), Faculty of Fisheries Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata
- **M.F.Sc.** in Aquatic Animal Health (2015), Faculty of Fisheries Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata
- **B.F.Sc.** Bachelor of Fisheries Science (2013), Faculty of Fisheries Sciences, West Bengal University of Animal and Fishery Sciences, Kolkata

**C. Professional Experience:**

1. **Assistant Professor** (17.03.2022 to Present) in Department of Aquatic Animal Health Management, College of Fisheries, Kishanganj, Bihar Animal Science University, Bihar, India.
2. **Assistant Professor** (01.04.2021 to 16.03.2022) in Aquatic Animal Health Management, Department of Fisheries, School of Agriculture and Allied Sciences, The Neotia University, West Bengal, India.
3. **Young Professional – II** in ICAR-All India Network Project on Fish Health in Dept. of Aquatic Animal Health, West Bengal University of Animal and Fishery Sciences (01.10.2020 to 31.03.2021).

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

**a. International: 01**

- i. "International Workshop on **Bioinformatics in Fisheries and Aquaculture**" in association with ICAR-CIFRI, IFSI at CIFRI, Barrackpore held during 19-21 June, 2017.

**b. National: 11**

- i. **Invited speaker** at the workshop cum training programme titled "**Aquaponic System and Bio-floc Technology for Income Generation and Innovation**" organizing by Division of Fishery Engineering, Faculty of Fisheries, **SKUAST-Kashmir**, from 04.09.2023 to 07.09.2023.
- ii. Winter School on "**Antimicrobial resistance in food fish: Challenges and**

- Mitigation” conducted by ICAR CIFE, Mumbai, on 09-29 Jan, 2023.**
- ii. “**Omics data analysis** and its applications: Hands-on training” conducted at ICAR-Central Institute of Brackishwater Aquaculture (**CIBA**), Chennai from 15<sup>th</sup> - 21<sup>st</sup> December, 2022.
  - iii. Virtual **Orientation Programme** organized by Directorate of Resident Instruction-cum-DEAN Post Graduate Studies, **BASU**, Patna from 24-26 November, 2022
  - iv. Hands on training in the Department of **Haematology, Histopathology, Serology, Biotechnology and Microbiology Techniques** in ‘Jeevan Raksha Diagnostic & Polyclinic’ (A super specialty diagnostic & polyclinic) during the period from 12/02/2018 to 28/02/2018.
  - v. Online Training programme on “ **मत्स्य आहार प्रबंधन**” under ICAR-DoF convergence, held on 24<sup>th</sup> February, 2021.
  - vi. “**Health Management of Finfish and Shellfish**” under ICAR-DoF convergence, held on 2<sup>nd</sup> February, 2021.
  - vii. Training programme on "**UPLC, HPLC and AAS**" organized by BIRAC-BioNEST Laboratory, TBI, Vellore Institute of Technology, Vellore – 632 014, Tamil Nadu, India on 21<sup>st</sup> Nov 2020.
  - viii. ‘**Statistics and Data Analysis using MS Excel**’ held on 19 -21 June, 2020, organized by Simple Statistics Solution and Training Provider, Tirunelveli, Tamilnadu, India.
  - ix. ‘**Data Analysis by using SPSS**’ held on 13<sup>th</sup> and 14<sup>th</sup> June 2020, organized by Simple Statistics Solution and Training Provider, Tirunelveli, Tamilnadu, India.
  - x. **Next Generation Sequencing**: Hands-on variant analysis–online National Workshop held on June, 2020, organized by AVASTAMBH (A novel nature of discipline and disquisition), 106/331 A, Jareeb Chauki, Kanpur, India.
  - xi. The **Science Leadership Workshop** organized by the Central University of Punjab, Bathinda, India from June 22 to June 28, 2020.

#### ***E. Projects Handled/Being Handled***

##### ***Research Projects: Institutional Research Project: 01 (Co-PI)***

Title of the project: “**Study on the antiparasitic effect of green synthesized Silver nanoparticles against common ectoparasites of goldfish, *Carassius auratus***”

#### ***F. Seminars/Conferences Attended***

##### ***a. International: 09 (Paper presented: 4, Only participation: 5)***

- i. Paper presentation (Oral) on the topic ‘Prevalence of Flavobacteriosis in freshwater finfish cultured in West Bengal, India’. In: ***Flavobacterium 2018 Conference; The 5<sup>th</sup> International Conference*** on Members of the genus *Flavobacterium*, The Tōdaiji museum, **Nara, Japan**, November 27-29, 2018.
- ii. Paper presentation (Oral) on the topic ‘Histopathological and pathophysiological alterations in flavobacteriosis diseased Indian major carps. In: **International conference on "Aquaculture Techniques and Disease Management 2020"** on 14.09.20-17.09.20, organized by Col. Dr Jeppiaar Research Park, Centre for Ocean Research, Sathyabama Institute of Science and Technology.
- iii. Paper presentation (Oral) on the topic ‘Prevalence of diseases caused by *Flavobacterium* spp. and other opportunistic bacteria in carps of sewage-

- fed farms in West Bengal' In: Book of Abstracts. **2nd World Clean Environment Summit 2018**, Science City, Kolkata, West Bengal, India, ISBN: 978-81-937346-3-6.
- iv. Paper presentation (Oral) on the topic 'Role of Herbal Extracts In Fish Disease Management'. In: **3<sup>rd</sup> International Conference on Aquaculture and Marine Biology, March, 24<sup>th</sup>-25<sup>th</sup>, 2022**, Conference Mind.

**b. National: 27 (Paper presented: 6, Only participation: 21)**

- i. Paper presentation (Poster) on the topic 'Characterization of *Flavobacterium johnsoniae* associated with diseased goldfish, *Carassius aureus* (L.). In: **1<sup>st</sup> Farm Innovation Congress, 2018 and National Conference on "Innovative farming for food and livelihood security in changing climate."** 12-13 January, 2018, Innovative Farming, Society for advancement of Agricultural Innovations (SAAI) and Directorate of Research, BCKV, Kalyani, Nadia, West Bengal, India.
- ii. Paper presentation (Poster) on the topic 'Isolation and characterization of *Stenotrophomonas maltophilia* associated with diseased *Labeo rohita*.' In: **1<sup>st</sup> National Conference on "Fostering One Health for Food Safety and Security through Sustainable Animal Husbandry & Aquaculture Practices" held on 10<sup>th</sup> and 11<sup>th</sup> Nov. 2022** at Bihar Veterinary College, Patna organized by Society for Promotion of Farm and Companion Animal (SPFCA), Bihar Animal Sciences University, Patna, Bihar.
- iii. Paper presentation (Poster) on the topic 'Effect of dietary supplementation of Indian pennywort *Centella asiatica* leaf extract as a stress regulator on *Labeo rohita* (Hamilton 1822)' In: **National Symposium - 2023 on Emerging Practices in Animal Husbandry and Fisheries vis-à-vis Climate Change on 1st July, 2023**, organized by Indian Journal of Animal Health (IJAH)
- iv. Paper presentation (Oral) on the topic Intelligent Diagnosis of Fish Diseases: A futuristic approach in Aquatic Animal Health Management: In: **1<sup>st</sup> National conference on TRPSF, 19<sup>th</sup>-21<sup>st</sup> July, 2023**, CoF, Kishanganj, BASU.
- v. Paper presentation (Poster) on the topic 'Role of intake of fish in reduction of human hypertension. In: **Socio-Medical National Seminar on Hypertension and its Complications**. Serampore College, National Service Scheme Units and Indian Medical Association, Bengal State Branch.
- vi. Speaker at the webinar on 'Scope, opportunities and career prospects in Bachelor of Fisheries Sciences.' 7<sup>th</sup> August, 2021, Dept of Fisheries Science, School of Agriculture and Allied Sciences, The Neotia University.

**G. Awards/Recognition:**

- i) **"Dr. N.R. MENON Award"** for the 'Best Indian M.F.Sc Thesis for the year 2016' by Professional Fisheries Graduate Forum (PFGF), India.
- ii) Science and Engineering Research Board (SERB), **International Travel Support (ITS)** for participating in the 5<sup>th</sup> International conference on "FLAVOBACTERIUM 2018, **Japan** (27 November, 2018 to 29 November, 2018)"
- iii) **NFSC/RGNF Fellowship** 2017-18 by UGC, Government of India, New

