RESUME

NAME: DR. SUBHENDU DATTA

DESIGNATION: PROFESSOR

CONTACTS:

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE:**
REGIONAL RESEARCH STATION, NEW ALLUVIAL ZONE
BIDHAN CHANDRA KRISHI VISWAVIDYALAYA
P.O. GAYESHPUR, DIST. NADIA
WEST BENGAL - 741 234

2.**PHONE :** Mobile: 9477352477
WhatsApp: 9477352477

3.**EMAIL :** Institutional: datta.subhendu@bckv.edu.in
Alternative: drsubhendudatta@rediffmail.com

4.ORCID ID: https://orchid.org/000-0002-9833-4054

5.GOOGLE SCHOLAR PROFILE: Subhendu Datta

6.**RESEARCHGATE PROFILE:** Subhendu Datta

7.**DATE OF BIRTH:** 15/01/1968

8.**DATE OF JOINING TO THE UNIVERSITY:** 17/09/1997

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9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph.D. in Science (Zoology)	UNIVERSITY OF KALYANI	2000
MASTER'S	M.Sc. in Zoology (Fisheries Spl.)	UNIVERSITY OF KALYANI	1992
BACHELOR'S	B.Sc. in Zoology	UNIVERSITY OF KALYANI	1989

10. EMPLOYMENT HISTORY:(Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
PROFESSOR	BIDHAN CHANDRA KRISHI VISWAVIDYALAYA	17/09/2013	Continuing
ASSOCIATE PROFESSOR	BIDHAN CHANDRA KRISHI VISWAVIDYALAYA	17/09/2010	16/09/2013
READER	BIDHAN CHANDRA KRISHI VISWAVIDYALAYA	17/09/2007	16/09/2010
LECTURER	BIDHAN CHANDRA KRISHI	17/09/1997	16/09/2007

	VISWAVIDYALAYA		

11. ADMINISTRATIVE POST(S)/ RESPONSIBILIY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	HEAD, DEPARTMENT OF ANIMAL SCIENCE	19/09/2016	18/09/2020
2.	INCHARGE, REGIONAL RESEARCH STATION, NEW ALLUVIAL ZONE	01/12/2024	Continuing
3.	ADMINISTRATOR, CENTRAL RESEARCH FARM	28/11/2024	Continuing

12. AREA OF RESEARCH : (Bulleted list)

- AQUACULTURE
- LIMNOLOGY
- AQUATIC MICROBIOLOGY

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	EC-312	WATERSHED AND WETLAND MANAGEMENT	2+1
POST GRADUATE	NA	NA	NA
Ph.D.	NA	NA	NA

14. NUMBER OF STUDENTS SUPERVISED:

Master's.___NA_____Doctoral__02_____

15. RESOURCE PERSON FOR OTHER INSTITUTES (involvement in teaching or working as member of academic/ research bodies of other organizations, if any)

NIL

16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

IANCAS, Bhava Atomic Research Centre, Mumbai

17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	Economic empowerment of rural women belonging to Scheduled Castes through introduction of small-scale fish culture in	Science & Society Division, DST, Ministry of Science &	**Completed**	**PI**

	homestead ponds	Technology, Govt. of India, New Delhi		
2.	Improvement of nutritional status of economically backward SC community through duck-cum-fish culture in household pits	Science for Equity Empowerment and Development (SEED), DST, Ministry of Science & Technology, Govt. of India, New Delhi	**Completed**	**PI**
3.	Development of low-cost technology for small-scale culture of non-conventional freshwater fishes	Department of Science & Technology (Govt. of West Bengal), W.B.	**Completed**	**PI**
4.	Capacity Building of Economically Backward Rural Women through Participatory Training on Integrated Fish Farming with improved Backyard Poultry breeds in Homestead Ponds	Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Govt. of India	**Completed**	**PI**
5.	Women empowerment through small-scale integrated fish farming in homestead ponds and linking up with Self-help Groups	Department of Science & Technology (Govt. of West Bengal), W.B.	**Completed**	**PI**
	Ex-situ conservation of some threatened species of fishes from the New Alluvial Zone of West Bengal	Indian Council of Agricultural Research, New Delhi	**Completed**	**CO-PI**
	Capacity building of youths belonging to Scheduled Castes and Scheduled Tribes in West Bengal	Science & Society Division, Department of Science & Technology (GOI), New	**Completed**	**CO-PI**

		Delhi		
	Development of socio-economic status of the SC and ST populations in some villages of West Bengal through training and extension of integrated farming of fish	Department of Biotechnology, Govt. of India, New Delhi	**Completed**	**CO-PI**

18. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME

A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	Capacity building of rural women (30) through participatory training on small-scale fish culture in homestead ponds.	2 years (January 16, 2006 to January 15, 2008)	Vill. Dakshinpanchpota, Chakdah, Nadia, West Bengal	Organizer as PI
2.	Capacity building of rural women (20) through participatory training on integrated duck-cum-fish culture in household pits.	3 years (Dec. 1, 2008 to Nov. 30, 2011)	Vill. Parmajdia, Chakdah, Nadia, West Bengal	Organizer as PI
3.	Capacity building of rural women (20) through participatory training on integrated fish farming with improved back-yard poultry breeds in homestead ponds.	2 years (December 20, 2016 – December 19, 2018)	Vill. Berbari, Chakdah, Nadia, West Bengal	Organizer as PI
4.	Capacity building of rural women (20) through participatory training on small-scale integrated fish farming in homestead ponds.	3 years (May 01, 2016-April 30, 2019)	Vill. Chinili, Chakdah, Nadia, West Bengal	Organizer as PI

B. ATTENDED : NIL

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc

A. ORGANIZED : NIL

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

B. ATTENDED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

1.	**"Fish and Its Environment"**	June 14, 2003	Dept. of Zoology, University of Kalyani, West Bengal	Oral Presentation
2.	**Reuse of Wastewater Through Aquaculture and Ecosanitation"**	December 11 - 12, 2003	International Centre of Ecological Engineering, University of Kalyani in association with Global Water Partnership, Sweden	Oral Presentation
3.	"**Researches in Zoology – Basic and Applied**"	March 17 – 19, 2010	Department of Zoology, University of Burdwan, West Bengal	Oral Presentation

20. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

- **NIL**

21. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

- **NIL**

22. PUBLICATIONS

A. BOOKS

i) Datta, S. 2010. **Modern Technologies for Fish and Prawn Culture** (in Bengali). *Mehanati Publisher, Kolkata* 112 pp.

ii) Datta, S. 2011. **Ornamental Fish Breeding and Culture** (in Bengali). *West Bengal State Book Board, Kolkata*, 176 pp.

iii) Datta, S. and S. Biswas. 2012. **Aquarium and Ornamental Fish Culture** (in Bengali). *Mehanati Publisher, Kolkata*.

B. BOOK CHAPTERS (Best 10)

i) **Datta, S.** 2006. Ornamental fish and fisheries: Present status and future strategies. In: Value Addition and Quality Issues in Agriculture and Allied Areas: Techniques and Challenges *(Eds*. Adhikary, M.M., S.K. Acharya and D. Basu), *Agrotech Publishing Academy*, Udaipur, 180 – 192 pp (India).

ii) **Datta, S.** 2009. Gender Issues in Fisheries: The State-of-Art and Future Strategies. In: Gender Issues in Agri-Horti-Enterprises (Eds. Acharya, S.K. and A.B. Sharangi),

Agrotech Publishing Academy, Udaipur, 132 - 155 pp (India).

C. RESEARCH PAPERS (Best 10)

i) Jana, B.B. and **S. Datta**. 1998. Efficacy of artificial plankton diet on growth of common carp *(Cyprinus carpio)* fry. *J. Aquaculture in the Tropics* **13** : 255 - 260. (India).

ii) **Datta, S**. and B.B. Jana. 2002. Ecosystem health assessment in five shallow tropical waterbodies.*J. Aquatic Ecosystem Health & Management* **5** : 411 - 421. (Canada).

iii) Hasan, B.M.A., Guha, B., **S. Datta.** 2012. Efficacy of probiotics on growth and sustainable production of black tiger shrimp, *Penaeus monodon* Fabricius 1798 in brackishwater ponds of West Bengal, India. *J. Asian Fisheries Science* **25** : 303-316 (Malaysia).

iv) Hasan, B.M.A., Guha, B., **S. Datta.** 2012. Optimization of feeding efficiency for cost effective production of *Penaeus monodon* Fabricius in semi-intensive pond culture system. *J. Aquaculture Research & Development* **3(**6): 1-7. (USA). http://dx.doi.org/10.4172/2155-9546.1000149.

v) B.M.A. Hasan, B. Guha**, S. Datta** and S. Saha. 2013. Assessment of Optimum Stocking Density for Sustainable Production of *Penaeus monodon* Fabricius in A Semi-Intensive Farm of West Bengal, India. World Journal of Fish and Marine Sciences *World Journal of Fish and Marine Sciences* **5** (2): 159-168 (Egypt).

vi) Hasan, B.M.A., Guha, B. and **S. Datta.** 2014. Efficacy of Effluent Treatment System for the Reduction of Nutrient and Organic Loads in Semi-intensive Shrimp Farming Ponds. *Indian Journal of Biology* **1**(1): 13-24 (India).

vii) Paul, I, Mandal, L. and **S. Datta.** 2018**.** Feasibility study of the small-scale poultry-cum-fish farming in homestead ponds for empowerment of rural women: A case study in the New Alluvial Zone of West Bengal, India. International Journal of Fisheries and Aquatic Studies **6(3):** 118-122. (India).

viii) Paul, I., Panigrahi, A. K., & **Datta, S.** 2020. Influence of nitrogen cycle bacteria on nitrogen mineralization, water quality and productivity of freshwater fish pond: A review. Asian Fisheries Science, 33, 145-160. (Malaysia). https://doi.org/10.33997/j.afs.2020.33.2.006.

ix) Paul, I., Panigrahi, A. K., Chatterjee, S. N., & **Datta, S.** 2020. Response of differential application frequency of poultry litter on mineralization potential in fish culture tanks with special reference to the abundance of ammonia oxidizing bacteria and fish growth, Bioscience Biotechnology Research Communications, 13(2), 947-954. (India). https://doi.org/10.21786/bbrc/13.2/83 3.

x) Paul, I., Panigrahi, A. K., & **Datta, S.** 2020. A New dimension for empowerment of rural women through intervention of small scale integrated duck-cum-fish farming in

homestead ponds. Bulletin of Environment, Pharmacology and Life Sciences, 10(1), 65-73. (India).

Date: 07/06/2024

Subhendu Datta

Signature with Date