



## CURRICULUM VITAE

### ARABINDA DAS, M.F.Sc. SCIENTIST (A.R.S.), AQUACULTURE

Regional Research Station  
ICAR - Central Institute of Freshwater Aquaculture  
Indian Council of Agricultural Research (ICAR)  
Rahara, Kolkata - 700 118, India

Tel: +91-033-25683023  
Mobile: +91-8584945194  
E-mail: [arabinda.das@icar.gov.in](mailto:arabinda.das@icar.gov.in)  
[adascifa@gmail.com](mailto:adascifa@gmail.com)

### EDUCATION

M.F.Sc. (Aquaculture)  
(2007-09)

ICAR – Central Institute of Fisheries Education, Mumbai  
<https://cife.edu.in/>

B.F.Sc.  
(2003-07)

College of Fisheries, Lembucherra, Tripura (Central Agricultural University, Imphal), <https://cofcau.nic.in/>

### PROFESSIONAL EXPERIENCES

Scientist  
(2014 – onwards)

Regional Research Station, ICAR - CIFA, Rahara, Kolkata

Fishery Officer, T.F.F.S Grade I  
(2009-2013)

Department of Fisheries, Government of Tripura

### RESEARCH PROJECTS

Grant/Project No.  
NFBSFARA/WQ-3021

ICAR-NASF project entitled, “Stock characterization, captive breeding, seed production and culture of hilsa (*Tenualosa ilisha*)” (31 October 2012 – 30 November 2017)

Grant/Project No.  
BT/PR25141/NER/95/1039/  
2017

DBT Twinning project entitled, “Improving broodstock management and quality seed production of *Ompok bimaculatus* through application of molecular endocrinology” (2018-2021).

Grant/Project No.  
ICAR-AICRP

ICAR-AICRP on Plasticulture Engineering and Technology entitled, “Development of user friendly portable pabda (*Ompok bimaculatus*) hatchery with tubifex culture & rainwater harvesting facilities” (2017-2020).

Grant/Project No.  
I-95 (G)

Development of larval diet for *Ompok bimaculatus*, a high valued fish of regional importance (2017-2020).

Grant/Project No.  
I-91 (E)

Studies on technical and economic feasibility of integrated crop-livestock-fish farming systems involving *Mystus gulio*, *Eutropiichthys vacha*, *Cirrhinus reba*, *Systemus sarana* and *Oreochromis nilotica* along with carps (2015-2018).

## PUBLICATIONS

### a) Research papers

1. Singh K., Munilkumar S., Sahu N.P., **Das A.**, Devi G.A. (2019). Feeding HUFA and vitamin C-enriched *Moina micrura* enhances growth and survival of *Anabas testudineus* (Bloch, 1792) larvae. *Aquaculture*, 500, 378-384.
2. Sharma A., Deo A.D., Riteshkumar S.T., Chanu T.I. and **Das A.** (2010). Effect of *Withania somnifera* (L. Dunal) root as a feed additive on immunological parameters and disease resistance to *Aeromonas hydrophila* in *Labeo rohita* (Hamilton) fingerlings. *Fish & Shellfish Immunology* 29:508-512.
3. Ghosh, A., Mohapatra, B.C., Chakrabarti, P.P, Hussan A. and **Das A.** (2019). Induced breeding of *Catla catla* carried out at low temperature in FRP carp hatchery of Arunachal Pradesh, India. *Journal of Environmental Biology*, 40 (3):328-334.
4. Chanu T H, Roy S D, Sharma A, Biswas P, Siddaiah G.M. and **Das A.** (2014). Antistress potential of acetone extract of *Zingiber officinale* Roscoe on biochemical and oxidative stress parameters in *Labeo calbasu* (Hamilton 1822) fingerlings subjected to acid stress. *Indian Journal of Fisheries* 61(4):69-77.
5. Hussan A., Sundaray J.K., Mandal R.N., Hoque F., **Das A.**, Chakrabarti P.P. and Adikari S. (2019). Invasion of non-indigenous suckermouth armoured catfish of the genus *Pterygoplichthys* (Loricariidae) in the East Kolkata Wetlands: stakeholders' perception. *Indian Journal of Fisheries* 66(2):29-42.
6. **Das A.**, Prakash C, Suresh Babu P.P., Sharma A, Chanu T H, Paul L and Verma A K. (2014). Dietary iron requirement of goldfish (*Carassius auratus*) fry. *The Israeli Journal of Aquaculture - Bamidgeh* 66 (942):8 pages.
7. Chakrabarti P.P., Ghosh A., Mohapatra B.C., Barik N.K., **Das A.**, Kumar K., Mondal S.C., Majhi D., Mistry A. and Jayasankar P. (2017). Alternate livelihood development for 'Aila' affected tribal people through aquaculture in Bali Island of the Sunderban, West Bengal, India. *Indian Journal of Fisheries*, 64 (Special Issue): 14-21.

### b) Book chapters

1. Mandal R.N., Chakrabarti P.P., Paul B.N., Chattopadhyay D.N., **Das A.**, Hussan A., Jayasankar P. (2018). Recycling of sewage in aquaculture: Decadal Technical Achievement. In: Jana B.B., Mandal R.N., Jayasankar P. (eds.). Wastewater Management Through Aquaculture. *Springer Nature Singapore Pte Ltd.*, pp.95-118.
2. Sundaray J.K., Chakrabarti P.P., Mohapatra B.C., **Das A.**, Hussan, A., Ghosh, A. and Hoque, F. (2019). Freshwater Aquaculture in Sundarbans India. In: H. S. Sen (ed.), The Sundarbans: A Disaster-Prone Eco-Region. *Coastal Research. Springer Nature Switzerland AG*, pp.297-322.
3. Chakrabarti, P.P., **Das A.** and Sundaray, J.K. (2018). Breeding, seed production and grow-out culture technology of Indian butter catfish, *Ompok bimaculatus*. In: Package of practices: Breeding and culture of freshwater fish species. *NFDB, Hyderabad*, October, 2018.