

## CURRICULUM VITAE (CV)

Name: **Dr. Bristi Dutta**

Designation: **Assistant Professor**

Date of joining : **06.12.2019**

Date of birth: **22.01.1979**

Institution: **Dergaon Kamal Dowarah College**

**Rajabahar, Dergaon, Assam, Pin: 785614**

Landline/ mobile: **9365934065**

Email: [bristiduttaborah@gmail.com](mailto:bristiduttaborah@gmail.com)

### **Academic Qualification:**

		Department	Institution	Year
Degree: 1	B.Sc.	Zoology	Dibrugarh University	2000
Degree : 2	M.Sc	Life Sciences	Dibrugarh University	2002
Degree: 3	Ph.D	Life Sciences	Dibrugarh University	2016

Area of specialization: **Fish and Fisheries**

Work experience: **5 years 7 months**

### **A. Research , Scholarly , Professional and Scientific Activity:**

#### **Research publication in peer reviewed journal (UGC Approved Journals)**

1. Dutta, B.. “Diversity Assessment of Macroinvertebrates and Impact of Human Activities in River Dikhow –A Southern Tributary of River Brahmaputra, Assam, India” Review of Research-A International Recognition Multidisciplinary Research Journal( ISSN 2249-894X with impact factor 3.1402)Vol 5(1), 2015 (1-8)
2. Dutta, B. and Baruah,D. “Study of Phytoplankton abundance and diversity of River Dikhow, Assam, India” International Journal of applied research (ISSN Print: 2394-7500, ISSN Online: 2394-5869 with impact factor: 5.2) Vol: 2(4) .2016.( 205-207).
3. Dutta, B.” Zooplankton as an indicator of the water quality of the tail race of Dikhow River : A Southern Tributary of Brahmaputra, Assam, india” International Journal of Research and Analytical Reviews(ISSN no: 2349-5138), Vol; 6(2), 2019, (321-330)
4. “ Phytoplankton as an indicator of the River water quality : A case study in the tail race of river Dikhow, Assam, India” Biological Forum, -An International Journal(ISSN no. - 2249-3239), Vol: 11(2) , 2019 (50-55).

**a) Research publication in peer reviewed journal**

1. Dutta, B. “ Biogas from cowdung; It’s Scope and Prospect in Sivsagar District : A case study” *International journal of Innovative Research and Development*( ISSN no.2278-7631) Vol 1 ( 7). 2012 .(303-313)
2. Dutta, B. ”Solid waste disposal and its management:a case study of Sivasagar Urban area in Assam” *International journal of Bio resource and stress management*( ISSN no0976-3988) Vol: 4 (3). 2013 (68-71)
3. Dutta, B. ,Baruah, D. Biswas, S.P.“Assessment of water quality of Dikhow river through biomonitoring” *Science Park International research journal*(ISSN-2321-8045) Vol:1issue 33, 2014.(1-7)
4. “Physicochemical Analysis of Flowing Water of Dikhow River Assam, India” *International journal of Pharmacy and Integrated Life Sciences*(ISSN no.2320-0782 with impact factor 1.0147). 2014.
5. Dutta, B.“Diversity of Aquatic Insects and function of fluvial system of the tail race of River Dikhow , Assam, India” *NibandhaBibidha: a multidisciplinary Bi-lingual Research Journal* Annual publication of S.P.P. College Teachers Unit (ISSN 2349-5111). Vol.8, 2014 (27-35)
6. Dutta, B. and Baruah, D.“Impact of human activities on the Dikhow River with special Reference to Dikhow Bridge Area : A Case Study “*NibandhaBibidha: a multidisciplinary Bi-lingual Research Journal* Annual publication of S.P.P. College Teachers Unit (ISSN 2349-5111). Vol 9, 2015. (109-113)
7. Dutta, B., Baruah, D. And Biswas, S.P. “ Water Quality Assessment of River Dikhow , Assam, India Using Biological Water Quality Criteria” *International Research Journal of Environment Science*( E-ISSN 2319-1414) Vol5 (5), 2016 (12-17)
8. Dutta, B and Baruah, D. “A study on the Zooplankton Diversity and abundance on the tail race of River Dikhow, Assam , India “ *NibandhaBibidha, : a multidisciplinary Bi-lingual Research Journal* Annual publication of S.P.P. College Teachers Unit (ISSN 2349-5111). Vol 10, 2016 ( 117-121)
9. Dutta, B.“ Capture fisheries innovation and its role in the improvement of the life style of the fishermen of Assam with special reference to the Sivasagar District, Assam”*NibandhaBibidha, : a multidisciplinary Bi-lingual Research Journal* Annual publication of S.P.P. College Teachers Unit (ISSN 2349-5111). Vol: 11, 2017 (111-146)

**b) Books published as author or co author:**

1. Baruah, S. and P. Jiji. “ *Fundamental Environmental studies*” Lulu Publication 3101 HillsboroughSt. Raleigh, NC 20607, United states 2015 ( ISBN : 978-1-329-44079-1).
2. Dutta , B. “ Solid waste disposal and its management with special reference to Sivsagar town area , A case study “*Waste generation and Utilization*, Discovery Publishing House Private Limited , New Delhi. 2016( ISBN : 978-93-5056-792-0),.
3. Dutta, B. Assessment of water quality of tail race of DikhowRiver , Assam Through appropriate biotic Indices “ *Water resources management smonitoring and Assessment ,* Discovery Publishing House Private Limited , New Delhi(ISBN : 978-93-5056-799-9), 2016

4. Dutta, B. “Environmental Pollution “*Pollution Control and Biodiversity Conservation*, Discovery Publishing House Private Limited, New Delhi 2019 (ISBN : 978-93-86841-90-2)
5. Dutta, B. “ Present Status of Capture Fishery Industry in Assam with Special reference to Sibsagar District, Assam, India ” in *Nibandha Bibidha*, Purbanchal Prakash Publication, Guwahati, ISBN : 978-93-91878-60-3 (ol: XIII) 2019
6. Dutta, B. “Woman Entrepreneurship : A Revolutionary Thought “*Arohan* , Women Cell, S.P.P. College, Sibsagar, Assam. 2015. (ISBN: 978-93-82931-40-9)
7. Dutta, B. “Present Status of Capture Fishery Industry in Assam With Special Reference to Sibsagar District, Assam, India” in *Nibandha Bibidha*, Purbanchal Prakash, Guwahati (ISBN-978-93-91878-60-3, Vol-XIII, 2019)
8. Dutta, B and Baruah, D. “Biotic Indices based on Macroinvertebrates to Assess the Water Quality of River Dikhow, Assam, India” in *Glimpses of Biological Research in Upper Brahmaputra Basin*, EBH Publishers, Guwahati (ISBN.9788194692201)2021
9. Dutta, B , “Ecological Status of Dikhow River , Assam, India with special Reference to the Distribution Pattern of Macroinvertebrates ” In *Research in Life Sciences*, Aitihya Eshana , Golaghat (ISBN: 978-81-947823-0-8)2021
10. Dutta, B, “A Preliminary Study of Zooplankton Population of the tail race of River Dikhow, Assam, India” in *Journal of Frontline Research in Arts and Science* , A peer reviewed Annual Research Journal (ISSN: 2249-9903 , ol.9)2021
11. Dutta, B *Women and Mental Health*; Mandakranta, a publication of the Women’s Cell, D.K.D College, Dergaon (ISBN: 978-81-963743-0-3) 2022
12. Dutta, B, *Environmental Pollution, Pollution Control and Biodiversity Conservation*, Discovery Publishing House Private Limited, New Delhi 2019 (ISBN : 978-93-86841-90-2)
13. Dutta, B , *Women Entrepreneurship, Mahila udyamita: Ek Jugantakari aru guruttapurna Dharana Jagriti: The Awakening* A book published by Abhjaan Prakashan, Golaghat, Assam (ISBN: 978-81-86865-21-7) 2020
14. Dutta, B, *Biological Assessment of Tail Race of The Dikhow River Through Biomonitoring*(10-19) Summary of Doctoral Thesis Dr. Dipmani Das and Dr. Kshirod Saikia ACTA House, Solapar, Guwahati 978-93-93864-13-0, 2021
15. Dutta, B, and Borah, R, *Role of Women in Fishery Resources of Assam*, Jyotirmoyee a publication of the Women’s Cell, D.K.D College, Dergaon, Aitihya Eshana , Golaghat (ISBN:978-81-963743-7-2)122, 2024
16. Borah, R and Dutta, B, 2024, *An Overview of Sustainable Aquaculture and the Role of Artificial Intelligence (AI) in Fish Growth and Health Status Monitoring* ; Beeksha, A blind peer reviewed Journal , Assam College Teachers’ Association (ACTA), Golaghat one ,2024

**c) Books Editing**

1. *Mandakranta* , a bilingual peer reviewed annually published book by the Women’s Cell ,Dergaon Kamal Dowerah College, Dergaon; Parth Imprint, Dergaon, Golaghat 2023 ( ISBN:978-81-963743-0-3)

2. Proceedings of ICSSR Sponsored National Seminar, Parth Imprint, Dergaon, Golaghat, 2023 ISBN: 978-81-965169-7-0

**B. Research presentation (oral or poster) at professional or scientific meetings and conferences:**

1. Presented a paper on 'Solid waste disposal and its impact on environment enlightening on its management with special reference to Sivsagar town area' presented in U.G.C. sponsored National seminar on "Urban Waste Disposal And Its Impact On Environment And Public Health: Quest For Solution" organised by Sivsagar College, Joysagar on 23<sup>rd</sup> to 25<sup>th</sup> September, 2010. (Oral)
2. Presented a paper on "Science and spirituality in Sankardeva's religion" presented in U.G. C sponsored National seminar on "Shrimanta Sankardeva: Life, Art and Thought" organised by S.P.P. College, Namti, Sivsagar on 13<sup>th</sup> and 14<sup>th</sup> May, 2011 (oral)
3. Presented a paper on "Impact of Natural Environment on the Growth of Entrepreneurial Development" presented in U.G.C. sponsored National Seminar on "Social, Political and Environmental Impact on the growth and development of Entrepreneurship in the North-East Region" organised by S.P.P. College, Namti, Sivsagar on 10<sup>th</sup> and 11<sup>th</sup> February, 2011 (oral)
4. Presented a paper on "Degradation of habitat Quality in Dikhow River: A Case Study" presented in U.G.C. sponsored national seminar on "Problems and Management of Environmental Degradation in North -East India" organised by Sivsagar girl's College, Sivsagar on 14<sup>th</sup> and 15<sup>th</sup> October, 2011 (oral).
5. Presented a paper on "Impact of Human activities on the Dikhow river and its Solution: a case study" presented in International Seminar on "River, Society and Sustainable Development" Organised by Dibrugarh University on 26<sup>th</sup> to 29<sup>th</sup> May, 2011 (poster)
6. Presented a paper on "Biogas from cowdung : Its Scope and prospect In Sivsagar District: A Sivsagar College, study presented in International seminar and workshop on Energy, Sustainability and development organised by Sivsagar College, Joysagar on 12<sup>th</sup> to 14<sup>th</sup> October, 2012 (poster)
7. Presented a paper on "Macroinvertebrates and water quality of Dikhow River, Assam, India" presented in International Conference on Global Ecosystem, Biodiversity and Environmental Sustainability in the 21<sup>st</sup> Century organised by Assam University, Silchar, Assam, on 15<sup>th</sup> to 17<sup>th</sup> February, 2012 (oral)
8. Presented a paper on "Macroinvertebrate diversity and assessment of water quality of the tailrace of River Dikhow, Assam, India through Bio-monitoring" presented in UGC sponsored International Seminar on Environmental

Degradation , Sustainable Development And Entrenchment of Poverty: Issues and Policy Implications organised by C.K.B. College, Teok, Jorhat, Assam in collaboration with Assam College Teachers' Association on 22<sup>nd</sup> and 23<sup>rd</sup> August, 2014 ( oral)

9. Presented a paper on “Assessment of Water Quality of the tail race of Dikhow River, Assam, through Appropriate Biotic Indices” presented in UGC sponsored National Seminar on Environmental Degradation and Threat to Survival: An Ethical Approach in collaboration with PurvaBharati Educational Trust organised by D.C.B. Girls' College, Jorhat on 11<sup>th</sup> and 12<sup>th</sup> September 2015 (oral)
10. Presented a paper on “Present ecological status of the tail race of river Dikhow, Assam, India with special reference to the macroinvertebrates recorded from it “ presented in UGC sponsored International Seminar on The challenge of climate change in India with special reference to North East India organised by Jagannath Barooah College, Jorhat, Assam on 19 and 20<sup>th</sup> August, 2016 (oral)
11. Presented a paper on . “ Prospects of organic farming in Assam with special reference to Sivasagar District , Assam, India” presented in National seminar on Advances in agriculture and plant sciences organised by Gargaon College, Simaluguri, Sivasagar, Assam on 10 th June, 2017 ( oral)
12. Presented a paper on “ Role of Capture Fisheries Innovation on inclusive innovation and its impact with Special Reference to Assam, India” presented in the International Conference on Research and Development Initiatives o the promotion of Inclusive Society organised by Swahid Peoli Phukan College, Namti, Sivsagar , Assam from 28-30<sup>th</sup> November, 2017
13. Presented a paper on “ Ecological Status of River Dikhow using macroinvertebrates as bioindicators” presented in the National Seminar on Trends in Biological Sciences and Sustainable Development organised by Dibrugarh University on 5t and 6<sup>th</sup> February, 2020
14. Presented a paper on “Human Immunity to Viral Diseases” In International e-Conference on nutrient acquisition by Plants And PlantBased Remedies Against Viral Diseses organized by IQAC, Nowgong College, Nagaong, Assam in association with World Researches Association (WRA) and North –Eastern Institute Of Ayurveda and Homoeopathy (NEIAH) on 7<sup>th</sup> and 8<sup>th</sup> August, 2020

15. Presented a paper on Antifungal Activity of some ethnomedicinal plants of Jorhat, Assam “ in the National Seminar on Women Scientists in plant health management for sustainable development goals organised by Assam Agriculture University, Jorhat and Indian Phytopathological Society on 22-23 eember, 2023
16. Presented a paper on “ Study of the Water Quality of Tail Race of River Dikhow using Macroinvertebrates as bio indicator” In ICSSR Sponsored National Seminar on Socio –Economic Issues and Strategies of Fisherman of Subansiri River , Assam Policy drafting for livelihood enhancement on 28<sup>th</sup> and 29<sup>th</sup> June 2024
17. Presented a paper on “Assessment of Water Quality of River Dikhow using Macroinvertebrates as bio indicator “ in International Seminar on Interdisciplinary Approaches For a Sustainable World” on 6<sup>th</sup> and 7<sup>th</sup> January, 2025
18. Delivered a talk on Ecosystem and biodiversity on an outreach programme organised by the Biotech Hub , D.K.D.. College, Dergaon
19. Attended a 10 days workshop on Fashion designing and make up organised by Womens’ cell, dkdc on 29<sup>th</sup> March to 8 April 2023

### **C. FDP//FIP//RC attended (2016-till date)**

1. One week Interdisciplinary Faculty Development Programme on Basics of Research (18<sup>th</sup> to 24<sup>th</sup> June’ 2021) organized by Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi in collaboration with PARAMARSH, UGC SCHEME
2. UGC sponsored Faculty Induction Programme (Online) held from 31 st January, 2022 to 26<sup>th</sup> February’2022 organised by University Grant Commission Centre (HRDC), Human Research Development Centre(HRDC), Jawaharlal Nehru University
3. One week Faculty Development Programme on Online Teaching and Assessment Pedagogy (online) organized by Dibrugarh University Institute of Engineering And Technology in collaboration with Dr. SSBUI CET, , Punjab University
4. Refresher course (onlineI in Life Sciences held from 22 November to 6<sup>th</sup> December 2023 organised by University Grant Commission Centre (HRDC), Human Research Development Centre(HRDC), Jawaharlal Nehru University

