



CHAIDUAR COLLEGE, GOHPUR

FACULTY PROFILE

Name: TRISHNA KALITA

Department: ZOOLOGY

Email ID: trishnakalita91@gmail.com

Educational Qualifications:

Exam Passed	Board/University	Year of Passing	Percentage of Marks	Division
H.S.L.C	S.E.B.A	2012	75%	1st
H.S	A.H.S.E.C	2014	69.6%	1st
B.Sc(Zoology)	Gauhati University	2017	82.94%	1st
M.Sc(Zoology)	Gauhati University	2019	81.20%	1 st class first
Ph.D	Cotton University	Pursuing		

Research Areas: Fish biology and toxicology

Awards/ Fellowships: Best Science Graduate Award (Guwahati College), Gold medallist in M.Sc (Gauhati University)

Publications:

Journal Articles

- 1) Diversity of Macrophytes and their ethno-beneficial uses in the Deepor Beel, Assam, India. Indian Journal of Natural Sciences. 13(75); 49741-49747; 2022. ISSN: 0976-0997.
- 2) Entomophagy and ethno-therapeutic practices of insects among the Bodo community of Bodoland Territorial Region, Assam, India. Indian Journal of Applied and Pure Biology. 38(1); 36-48; 2023. ISSN: 0970-2091.
- 3) Phytochemistry, antioxidant activity and traditional uses of *Ipomoea aquatica* Forrsk among the people of Lower Assam, India. International Journal of Ayurvedic Medicine. 13(4); 896-904; 2022. ISSN: 0976-5921.
- 4) Prevalence of Infertility Cases and Its Associated Factors in Kamrup District of Assam, India: An Infertility Clinic-Based survey. Indian Journal of Natural Sciences. 13(73); 44788-44794; 2022. ISSN: 0976-0997.

- 5) Ameliorative potential of plants and bioactive components in fluoride –induced toxicity: A mini-review. Uttar Pradesh Journal of Zoology. 42(24);769-779;2021. ISSN: 0256-971X (P)
- 6) Role of medicinal plants in remediation of arsenic-induced toxicity: A mini-review. Uttar Pradesh Journal of Zoology. 33(6); 36-44; 2022. ISSN: 0256-971X (P).
- 7) Ethno-medicinal use of plants for Menstrual-related disorders among the people of lower Assam, India. International Journal of Ayurvedic Medicine. 13(2); 351-355; 2022. ISSN: 0976-5921. 2022
- 8) A study on traditional fishing gears and fish capturing methods used by the Mising community of Gohpur subdivision, Biswanath District, Assam. Bulletin of Pure and Applied Sciences-Zoology. 41A(2); 1-13; 2022. ISSN: 970-0765.
- 9) Preventive role of methanolic extract of *Ocimum sanctum* L., *Camellia sinensis* (L.) Kuntze and their combined formulation against sublethal concentration of sodium fluoride exposed to *Channa punctatus* (Bloch.). Bulletin of Pure and Applied Sciences-Zoology. 42A (1); 1-13; 2023. ISSN: 970-0765.
- 10) Ameliorative efficacy of *Moringa oleifera* Lam. Against the sodium fluoride induced nephrotoxicity in wistar rat. Toxicology International. ISSN: 0976-5131. 2024

Chapters in Books

- 1) Different fish harvesting method traditionally used in Karbi-Anglong district, Assam, India. Horizons in Biological Research.45-56;2022. ISBN: 978-93-82527-51-0. 2022
- 2) Fluoride induced oxidative stress; A review. Emerging trends in life sciences.124-133;2022. ISBN: 978-93-90706-08-2. 2022
- 3) Diversity and prevalence of gastrointestinal parasites in *Macaca mulatta* (*Rhesus macaque*) in Kamrup Metroplotian District, Assam. Emerging Trends in Applied Research. 19-20; 4;2023. ISBN: 978-93-95118-46-0
- 4) Traditional practices of animal based folk medicines used in some selected areas of Assam, India: A Review. Ethnozoological Research in North-East India:Opportunities and Prospects. 132-144; 2023. ISBN: 978-81-955047-2-5.
- 5) Etnomedicinal usage of Ichthyofauna in Baksa district of Assam. Ethnozoological Research in North-East India:Opportunities and Prospects. 42-53; 2023. ISBN: 978-81-955047-2-5.

Projects: (Completed): N/A

Conferences/Seminars/Invited Talks/Workshops/RC/OP/FDP/PDP/Training:

1. Three days' workshop on "Techniques of isolation of DNA" sponsored by Department of Biotechnology, Government of India held at Guwahati College DBT Hub from 20th to 22nd December, 2015
2. Invited talk on "Data Generation and Data Retrieval" during the "7 Days Regional workshop on Bioinformatics and Biostatistics" organized and sponsored by DBT-NER Advance level Intuition Biotech Hub, Chaiduar College, Gohpur, Assam held from 25th September to 1st October, 2023.
3. Paper entitled "Ethno Medicinal aspects of fish species and their parts used by the people of lower Assam, India" in the International Seminar on "My culture, my identity" organized by Chaiduar College, Gohpur in collaboration with Siksha Sanskriti Utthan Nyas, New Delhi on 24th and 25th February, 2024.

Institutional Responsibilities

1. Member of electrical and electronics cell (Chaiduar College)
2. Convenor of uniform committee (Chaiduar College)

Consultancy/Social Outreach/Extension Activities: N/A

Membership of professional bodies (if any): N/A